

Supplementary Table S6: List of plant species where exon/intron coordinates were determined by using tRNA/CDS feature of the corresponding gene and added into database

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1.	ABAL	44	trnK-UUU [complement(1498..1532)], trnK-UUU [complement(4063..4099)], rps12 [9755..9868], rps12 [110469..110700], rps12 [111245..111270], trnV-UAC [26676..26714], trnV-UAC [27256..27292], rpoC1 [38251..38682], rpoC1 [39353..41011], atpF [47997..48141], atpF [48924..49333], trnG-GCC [complement(51287..51335)], trnG-GCC [complement(52120..52141)], petB [55952..55957], petB [56904..57392], petD [57607..57614], petD [58331..58844], rpl16 [complement(62211..62606)], rpl16 [complement(63483..63491)], rpl2 [complement(65016..65446)], rpl2 [complement(66116..66515)], trnL-UAA [complement(68515..68564)], trnL-UAA [complement(69049..69083)], ycf3 [71596..71724], ycf3 [72447..72674], ycf3 [73390..73545], trnI-GAU [86511..86552], trnI-GAU [87535..87569], trnA-UGC [87649..87686], trnA-UGC [88461..88495]	trnK-UUU [complement(1533..4062)], trnV-UAC [26715..27255], rpoC1 [38683..39352], atpF [48142..48923], trnG-GCC [complement(51336..52119)], petB [55958..56903], petD [57615..58330], rpl16 [complement(62607..63482)], rpl2 [complement(65447..66115)], trnL-UAA [complement(68565..69048)], ycf3 [71725..72446], ycf3 [72675..73389], trnI-GAU [86553..87534], trnA-UGC [87687..88460]
2.	ABBA	44	trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4169..4205)], rps12 [9884..9997], rps12 [110793..111024], rps12 [111569..111594], trnV-UAC [26893..26931], trnV-UAC [27473..27509], rpoC1 [38407..38838], rpoC1 [39512..41170], atpF [48164..48308], atpF [49091..49500], trnG-GCC [complement(51458..51506)], trnG-GCC [complement(52295..52316)], petB [56126..56131], petB [57078..57566], petD [57781..57788], petD [58505..59018], rpl16 [complement(62382..62777)], rpl16 [complement(63661..63669)], rpl2 [complement(65193..65623)], rpl2 [complement(66293..66692)], trnL-UAA [complement(68423..68472)], trnL-UAA [complement(68957..68991)], ycf3 [71503..71631], ycf3 [72353..72580], ycf3 [73295..73450], trnI-GAU [86427..86468], trnI-GAU [87450..87484], trnA-UGC [87564..87601], trnA-UGC [88376..88410]	trnK-UUU [complement(1644..4168)], trnV-UAC [26932..27472], rpoC1 [38839..39511], atpF [48309..49090], trnG-GCC [complement(51507..52294)], petB [56132..57077], petD [57789..58504], rpl16 [complement(62778..63660)], rpl2 [complement(65624..66292)], trnL-UAA [complement(68473..68956)], ycf3 [71632..72352], ycf3 [72581..73294], trnI-GAU [86469..87449], trnA-UGC [87602..88375]
3.	ABCH	44	trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4168..4204)], trnG-GCC [8873..8895], trnG-GCC [9682..9729], atpF [complement(11671..12080)], atpF [complement(12863..13007)], rpoC1 [complement(19918..21577)], rpoC1 [complement(22248..22678)], trnV-UAC [complement(33229..33263)], trnV-UAC [complement(33807..33845)], rps12	trnK-UUU [complement(1644..4167)], trnG-GCC [8896..9681], atpF [complement(12081..12862)], rpoC1 [complement(21578..22247)], trnV-UAC [complement(33264..33806)], petB

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			Exon	Intron
			[complement(50709..50822)], rps12 [110524..110755], rps12 [111300..111325], petB [55632..55637], petB [56410..57051], petD [57266..57273], petD [57975..58503], rpl16 [complement(61868..62264)], rpl16 [complement(63142..63149)], rpl2 [complement(64674..65104)], rpl2 [complement(65774..66173)], trnL-UAA [complement(68192..68241)], trnL-UAA [complement(68726..68760)], ycf3 [71267..71389], ycf3 [72114..72342], ycf3 [73057..73211], trnI-GAU [86187..86223], trnI-GAU [87211..87245], trnA-UGC [87319..87356], trnA-UGC [88131..88165]	[55638..56409], petD [57274..57974], rpl16 [complement(62265..63141)], rpl2 [complement(65105..65773)], trnL-UAA [complement(68242..68725)], ycf3 [71390..72113], ycf3 [72343..73056], trnI-GAU [86224..87210], trnA-UGC [87357..88130]
4.	ABCI	61	rps12 [complement(102653..102678)], rps12 [complement(103215..103446)], rps12 [complement(75283..75396)], trnK-UUU [complement(1885..1919)], trnK-UUU [complement(4484..4520)], rps16 [complement(5115..5344)], rps16 [complement(6206..6245)], trnG-GCC [10142..10164], trnG-GCC [10871..10917], atpF [complement(12891..13301)], atpF [complement(14012..14155)], rpoC1 [complement(22173..23791)], rpoC1 [complement(24562..24991)], ycf3 [complement(44945..45099)], ycf3 [complement(45858..46083)], ycf3 [complement(46819..46944)], trnL-UAA [49550..49585], trnL-UAA [50091..50139], trnV-UAC [complement(53990..54025)], trnV-UAC [complement(54602..54641)], rps18 [73190..73228], rps18 [73292..73493], rps18 [73807..73853], rps12 [complement(75283..75396)], rps12 [144236..144467], rps12 [145004..145035], rpl2 [complement(88819..89253)], rpl2 [complement(89935..90315)], ndhB [complement(99579..100334)], ndhB [complement(101014..101790)], trnI-GAU [107427..107463], trnI-GAU [108410..108444], trnA-UGC [108509..108546], trnA-UGC [109352..109386], ndhA [complement(123954..124492)], ndhA [complement(125606..126158)], trnA-UGC [complement(138302..138336)], trnA-UGC [complement(139142..139179)], trnI-GAU [complement(139244..139278)], trnI-GAU [complement(140225..140261)], ndhB [145898..146674], ndhB [147354..148109]	trnK-UUU [complement(1920..4483)], rps16 [complement(5345..6205)], trnG-GCC [10165..10870], atpF [complement(13302..14011)], rpoC1 [complement(23792..24561)], ycf3 [complement(45100..45857)], ycf3 [complement(46084..46818)], trnL-UAA [49586..50090], trnV-UAC [complement(54026..54601)], rps18 [73229..73291], rps18 [73494..73806], rpl2 [complement(89254..89934)], ndhB [complement(100335..101013)], trnI-GAU [107464..108409], trnA-UGC [108547..109351], ndhA [complement(124493..125605)], trnA-UGC [complement(138337..139141)], trnI-GAU [complement(139279..140224)], ndhB [146675..147353]
5.	ABCO	43	trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4165..4201)], trnG-GCC [8879..8901], trnG-GCC [9686..9733], atpF [complement(11685..12094)], atpF [complement(12863..13007)], rpoC1	trnK-UUU [complement(1644..4164)], trnG-GCC [8902..9685], atpF [complement(12095..12862)], rpoC1

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			Exon	Intron
			[complement(19876..21535)], rpoC1 [complement(22195..22625)], trnV-UAC [complement(32775..32809)], trnV-UAC [complement(33353..33391)], rps12 [109621..109852], rps12 [110402..110427], petB [54830..54837], petB [55491..56130], petD [56345..56352], petD [57053..57581], rpl16 [complement(60941..61337)], rpl16 [complement(62220..62227)], rpl2 [complement(63751..64181)], rpl2 [complement(64851..65250)], trnL-UAA [complement(67283..67332)], trnL-UAA [complement(67817..67851)], ycf3 [70358..70480], ycf3 [71211..71439], ycf3 [72154..72308], trnI-GAU [85220..85256], trnI-GAU [86241..86275], trnA-UGC [86355..86392], trnA-UGC [87167..87201]	[complement(21536..22194)], trnV-UAC [complement(32810..33352)], petB [54838..55490], petD [56353..57052], rpl16 [complement(61338..62219)], rpl2 [complement(64182..64850)], trnL-UAA [complement(67333..67816)], ycf3 [70481..71210], ycf3 [71440..72153], trnI-GAU [85257..86240], trnA-UGC [86393..87166]
6.	ABDI	25	rps12 [complement(72491..72604)], rps12 [142637..142662]	trnK-UUU [complement(1872..4370)], rps16 [complement(5479..6343)], trnG-UCC [10106..10782], atpF [complement(13172..13877)], rpoC1 [complement(23595..24351)], ycf3 [complement(44931..45669)], ycf3 [complement(45900..46613)], trnL-UAA [49747..50221], trnV-UAC [complement(54152..54726)], clpP [complement(72966..73609)], clpP [complement(73902..74713)], petB [77713..78416], petD [79249..79961], rpl16 [complement(84267..85130)], rpl2 [complement(87234..87900)], ndhB [complement(97812..98490)], trnI-GAU [104586..105532], trnA-UGC [105670..106482], ndhA [complement(122146..123253)], trnA-UGC [complement(136243..137055)], trnI-GAU [complement(137193..138139)], ndhB [144235..144913], rpl2 [154825..155491]
7.	ABES	73	rps12 [complement(103323..103348)], rps12 [complement(103885..104116)],	trnK-UUU [complement(2033..4608)], rps16

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			Exon	Intron
			<p>rps12 [complement(74722..74835)], trnK-UUU [complement(1998..2032)], trnK-UUU [complement(4609..4645)], rps16 [complement(5536..5762)], rps16 [complement(6619..6658)], trnG-UCC [9475..9497], trnG-UCC [10309..10356], atpF [complement(12406..12815)], atpF [complement(13630..13774)], rpoC1 [complement(22129..23754)], rpoC1 [complement(24535..24966)], ycf3 [complement(45577..45729)], ycf3 [complement(46520..46749)], ycf3 [complement(47584..47707)], trnL-UAA [50547..50581], trnL-UAA [51138..51187], trnV-UAC [complement(55370..55404)], trnV-UAC [complement(56013..56050)], rps12 [complement(74722..74835)], rps12 [147077..147308], rps12 [147845..147870], clpP [complement(75027..75254)], clpP [complement(75931..76222)], clpP [complement(77171..77241)], petB [80135..80140], petB [80962..81603], petD [81811..81818], petD [82576..83050], rpl16 [complement(86588..86986)], rpl16 [complement(88129..88137)], rpl2 [complement(89966..90399)], rpl2 [complement(91096..91486)], ndhB [complement(100264..101019)], ndhB [complement(101703..102479)], trnI-GAU [108217..108253], trnI-GAU [109211..109245], trnA-UGC [109309..109346], trnA-UGC [110141..110175], ndhA [complement(126260..126798)], ndhA [complement(127918..128470)], trnA-UGC [complement(141018..141052)], trnA-UGC [complement(141847..141884)], trnI-GAU [complement(141948..141982)], trnI-GAU [complement(142940..142976)], ndhB [148714..149490], ndhB [150174..150929], rpl2 [159707..160097], rpl2 [160794..161227]</p>	<p>[complement(5763..6618)], trnG-UCC [9498..10308], atpF [complement(12816..13629)], rpoC1 [complement(23755..24534)], ycf3 [complement(45730..46519)], ycf3 [complement(46750..47583)], trnL-UAA [50582..51137], trnV-UAC [complement(55405..56012)], clpP [complement(75255..75930)], clpP [complement(76223..77170)], petB [80141..80961], petD [81819..82575], rpl16 [complement(86987..88128)], rpl2 [complement(90400..91095)], ndhB [complement(101020..101702)], trnI-GAU [108254..109210], trnA-UGC [109347..110140], ndhA [complement(126799..127917)], trnA-UGC [complement(141053..141846)], trnI-GAU [complement(141983..142939)], ndhB [149491..150173], rpl2 [160098..160793]</p>
8.	ABFA	44	<p>trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4168..4204)], rps12 [9865..9978], rps12 [109265..109496], rps12 [110041..110066], trnV-UAC [26823..26861], trnV-UAC [27403..27439], rpoC1 [36693..37124], rpoC1 [37794..39452], atpF [46361..46505], atpF [47288..47697], trnG-GCC [complement(49639..49687)], trnG-GCC [complement(50472..50493)], petB [54299..54304], petB [55230..55718], petD [55933..55940], petD [56653..57166], rpl16 [complement(60531..60926)], rpl16 [complement(61806..61814)], rpl2 [complement(63337..63767)], rpl2 [complement(64437..64836)], trnL-UAA [complement(66855..66904)], trnL-</p>	<p>trnK-UUU [complement(1644..4167)], trnV-UAC [26862..27402], rpoC1 [37125..37793], atpF [46506..47287], trnG-GCC [complement(49688..50471)], petB [54305..55229], petD [55941..56652], rpl16 [complement(60927..61805)], rpl2 [complement(63768..64436)], trnL-UAA [complement(66905..67388)], ycf3 [70059..70774], ycf3 [71003..71716], trnI-</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAA [complement(67389..67423)], ycf3 [69930..70058], ycf3 [70775..71002], ycf3 [71717..71872], trnI-GAU [84853..84894], trnI-GAU [85876..85910], trnA-UGC [85984..86021], trnA-UGC [86796..86830]	GAU [84895..85875], trnA-UGC [86022..86795]
9.	ABFR	44	trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4168..4204)], rps12 [9868..9981], rps12 [110998..111229], rps12 [111774..111799], trnV-UAC [26864..26902], trnV-UAC [27444..27480], rpoC1 [38447..38878], rpoC1 [39549..41207], atpF [48116..48260], atpF [49043..49452], trnG-GCC [complement(51394..51442)], trnG-GCC [complement(52228..52249)], petB [56062..56067], petB [56993..57481], petD [57696..57703], petD [58420..58933], rpl16 [complement(62299..62694)], rpl16 [complement(63571..63579)], rpl2 [complement(65103..65533)], rpl2 [complement(66203..66602)], trnL-UAA [complement(68621..68670)], trnL-UAA [complement(69155..69189)], ycf3 [71696..71824], ycf3 [72542..72769], ycf3 [73484..73639], trnI-GAU [86617..86658], trnI-GAU [87641..87675], trnA-UGC [87749..87786], trnA-UGC [88561..88595]	trnK-UUU [complement(1644..4167)], trnV-UAC [26903..27443], rpoC1 [38879..39548], atpF [48261..49042], trnG-GCC [complement(51443..52227)], petB [56068..56992], petD [57704..58419], rpl16 [complement(62695..63570)], rpl2 [complement(65534..66202)], trnL-UAA [complement(68671..69154)], ycf3 [71825..72541], ycf3 [72770..73483], trnI-GAU [86659..87640], trnA-UGC [87787..88560]
10.	ABGR	65	rps12 [complement(102552..102577)], rps12 [complement(103120..103351)], rps12 [complement(75135..75248)], trnK-UUU [complement(2025..2059)], trnK-UUU [complement(4617..4653)], rps16 [complement(5247..5476)], rps16 [complement(6330..6369)], trnG-GCC [10290..10310], trnG-GCC [11017..11063], atpF [complement(13016..13426)], atpF [complement(14145..14288)], rpoC1 [complement(22308..23924)], rpoC1 [complement(24695..25126)], ycf3 [complement(45032..45184)], ycf3 [complement(45943..46172)], ycf3 [complement(46918..47041)], trnL-UAA [49639..49675], trnL-UAA [50181..50233], trnV-UAC [complement(54100..54136)], trnV-UAC [complement(54714..54752)], rps12 [complement(75135..75248)], rps12 [144117..144348], rps12 [144891..144916], petB [78998..79003], petB [79759..80400], petD [80594..80601], petD [81377..81851], rpl16 [complement(85430..85828)], rpl16 [complement(86932..86940)], rpl2 [complement(88712..89145)], rpl2 [complement(89818..90208)], ndhB [complement(99478..100233)], ndhB [complement(100913..101689)], trnI-GAU [107334..107370], trnI-GAU [108317..108349], trnA-UGC [108416..108453], trnA-UGC [109259..109293],	trnK-UUU [complement(2060..4616)], rps16 [complement(5477..6329)], trnG-GCC [10311..11016], atpF [complement(13427..14144)], rpoC1 [complement(23925..24694)], ycf3 [complement(45185..45942)], ycf3 [complement(46173..46917)], trnL-UAA [49676..50180], trnV-UAC [complement(54137..54713)], petB [79004..79758], petD [80602..81376], rpl16 [complement(85829..86931)], rpl2 [complement(89146..89817)], ndhB [complement(100234..100912)], trnI-GAU [107371..108316], trnA-UGC [108454..109258], ndhA [complement(124398..125493)], trnA-UGC [complement(138210..139014)], trnI-GAU

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			Exon	Intron
			ndhA [complement(123859..124397)], ndhA [complement(125494..126046)], trnA-UGC [complement(138175..138209)], trnA-UGC [complement(139015..139052)], trnI-GAU [complement(139117..139151)], trnI-GAU [complement(140098..140134)], ndhB [145779..146555], ndhB [147235..147990]	[complement(139152..140097)], ndhB [146556..147234]
11.	ABKA	44	trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4168..4204)], rps12 [9877..9990], rps12 [110493..110724], rps12 [111269..111294], trnV-UAC [26869..26907], trnV-UAC [27449..27485], rpoC1 [37971..38402], rpoC1 [39073..40731], atpF [47640..47784], atpF [48567..48976], trnG-GCC [complement(50918..50966)], trnG-GCC [complement(51750..51771)], petB [55582..55587], petB [56513..57001], petD [57216..57223], petD [57940..58453], rpl16 [complement(61819..62214)], rpl16 [complement(63096..63104)], rpl2 [complement(64628..65058)], rpl2 [complement(65728..66127)], trnL-UAA [complement(68146..68195)], trnL-UAA [complement(68680..68714)], ycf3 [71221..71349], ycf3 [72071..72298], ycf3 [73013..73168], trnI-GAU [86149..86190], trnI-GAU [87173..87207], trnA-UGC [87281..87318], trnA-UGC [88093..88127]	trnK-UUU [complement(1644..4167)], trnV-UAC [26908..27448], rpoC1 [38403..39072], atpF [47785..48566], trnG-GCC [complement(50967..51749)], petB [55588..56512], petD [57224..57939], rpl16 [complement(62215..63095)], rpl2 [complement(65059..65727)], trnL-UAA [complement(68196..68679)], ycf3 [71350..72070], ycf3 [72299..73012], trnI-GAU [86191..87172], trnA-UGC [87319..88092]
12.	ABKO	44	trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4168..4204)], rps12 [9873..9986], rps12 [110462..110693], rps12 [111238..111263], trnV-UAC [26831..26869], trnV-UAC [27411..27447], rpoC1 [37982..38413], rpoC1 [39082..40740], atpF [47648..47792], atpF [48575..48984], trnG-GCC [complement(50926..50974)], trnG-GCC [complement(51758..51779)], petB [55588..55593], petB [56519..57007], petD [57222..57229], petD [57946..58459], rpl16 [complement(61824..62219)], rpl16 [complement(63102..63110)], rpl2 [complement(64632..65062)], rpl2 [complement(65732..66131)], trnL-UAA [complement(68150..68199)], trnL-UAA [complement(68684..68718)], ycf3 [71225..71353], ycf3 [72073..72300], ycf3 [73015..73170], trnI-GAU [86144..86185], trnI-GAU [87169..87203], trnA-UGC [87277..87314], trnA-UGC [88089..88123]	trnK-UUU [complement(1644..4167)], trnV-UAC [26870..27410], rpoC1 [38414..39081], atpF [47793..48574], trnG-GCC [complement(50975..51757)], petB [55594..56518], petD [57230..57945], rpl16 [complement(62220..63101)], rpl2 [complement(65063..65731)], trnL-UAA [complement(68200..68683)], ycf3 [71354..72072], ycf3 [72301..73014], trnI-GAU [86186..87168], trnA-UGC [87315..88088]
13.	ABRE	19	atpF [complement(11679..12088)], atpF [complement(12861..13005)], rpoC1 [complement(19789..21448)], rpoC1 [complement(22106..22536)], rps12 [109392..109417], petB [54044..54049], petB [54843..55484], petD	atpF [complement(12089..12860)], rpoC1 [complement(21449..22105)], petB [54050..54842], petD [55707..56406], rpl16

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			Exon	Intron
			[55699..55706], petD [56407..56935], rpl16 [complement(60296..60692)], rpl16 [complement(61568..61575)], rpl2 [complement(63101..63531)], rpl2 [complement(64201..64600)]	[complement(60693..61567)], rpl2 [complement(63532..64200)]
14.	ABSA	66	rps12 [complement(102299..102324)], rps12 [complement(102861..103092)], rps12 [complement(74943..75056)], trnK-UUU [complement(1898..1932)], trnK-UUU [complement(4496..4532)], rps16 [complement(5125..5354)], rps16 [complement(6197..6236)], trnG-GCC [10163..10185], trnG-GCC [10891..10937], atpF [complement(12889..13299)], atpF [complement(14015..14158)], rpoC1 [complement(22168..23786)], rpoC1 [complement(24565..24994)], ycf3 [complement(44896..45050)], ycf3 [complement(45809..46034)], ycf3 [complement(46780..46905)], trnL-UAA [49525..49560], trnL-UAA [50070..50118], trnV-UAC [complement(53980..54015)], trnV-UAC [complement(54598..54637)], rps18 [72839..72877], rps18 [72941..73313], rps18 [73458..73504], rps12 [143847..144078], rps12 [144615..144646], rpl2 [complement(88481..88915)], rpl2 [complement(89597..89977)], ycf2 [90735..97064], ycf2 [97353..97634], ndhB [complement(99408..99980)], ndhB [complement(100660..101436)], trnI-GAU [107093..107129], trnI-GAU [108077..108111], trnA-UGC [108176..108213], trnA-UGC [109019..109053], ndhA [complement(123574..124112)], ndhA [complement(125203..125755)], trnA-UGC [complement(137892..137926)], trnA-UGC [complement(138732..138769)], trnI-GAU [complement(138834..138868)], trnI-GAU [complement(139816..139852)], ndhB [145509..146285], ndhB [146965..147537], ycf2 [complement(149602..149610)], ycf2 [complement(149881..156210)]	trnK-UUU [complement(1933..4495)], rps16 [complement(5355..6196)], trnG-GCC [10186..10890], atpF [complement(13300..14014)], rpoC1 [complement(23787..24564)], ycf3 [complement(45051..45808)], ycf3 [complement(46035..46779)], trnL-UAA [49561..50069], trnV-UAC [complement(54016..54597)], rps18 [72878..72940], rps18 [73314..73457], rpl2 [complement(88916..89596)], ycf2 [97065..97352], ndhB [complement(99981..100659)], trnI-GAU [107130..108076], trnA-UGC [108214..109018], ndhA [complement(124113..125202)], trnA-UGC [complement(137927..138731)], trnI-GAU [complement(138869..139815)], ndhB [146286..146964], ycf2 [complement(149611..149880)]
15.	ABSI	27	trnK-UUU [complement(1606..1640)], trnK-UUU [complement(4165..4201)], trnG-GCC [8870..8892], trnG-GCC [9678..9725], trnV-UAC [complement(33188..33222)], trnV-UAC [complement(33766..33804)], rps12 [111229..111254], trnL-UAA [complement(68140..68189)], trnL-UAA [complement(68674..68708)], trnI-GAU [86128..86164], trnI-GAU [87148..87182], trnA-UGC [87256..87293], trnA-UGC [88068..88102]	trnK-UUU [complement(1641..4164)], trnG-GCC [8893..9677], atpF [complement(12077..12858)], rpoC1 [complement(21598..22266)], trnV-UAC [complement(33223..33765)], petB [55586..56357], petD [57222..57922], rpl16 [complement(62213..63088)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(65050..65718)], trnL-UAA [complement(68190..68673)], ycf3 [71338..72062], ycf3 [72292..73005], trnI-GAU [86165..87147], trnA-UGC [87294..88067]
16.	ACAC	1	rps12 [141586..141611]	-
17.	ACAG	64	rps12 [complement(99916..99941)], rps12 [complement(100478..100709)], rps12 [complement(71437..71550)], psbA [complement(156247..156484)], psbA [complement(1..824)], trnK-UUU [complement(1045..1083)], trnK-UUU [complement(3582..3618)], trnG-UCC [8726..8748], trnG-UCC [9445..9492], atpF [complement(11636..12074)], atpF [complement(12763..12920)], rpoC1 [complement(20850..22454)], rpoC1 [complement(23203..23655)], ycf3 [complement(43014..43166)], ycf3 [complement(43910..44137)], ycf3 [complement(44849..44974)], trnL-UAA [47818..47854], trnL-UAA [48360..48409], trnV-UAC [complement(52329..52365)], trnV-UAC [complement(52955..52992)], rps12 [143989..144220], rps12 [144757..144782], petB [76735..76740], petB [77447..78091], petD [78287..78293], petD [79075..79550], rpl16 [complement(83151..83549)], rpl16 [complement(84598..84606)], rpl2 [complement(86244..86684)], rpl2 [complement(87346..87753)], ndhB [complement(96886..97641)], ndhB [complement(98321..99097)], trnI-GAU [104636..104677], trnI-GAU [105620..105654], trnA-UGC [105719..105756], trnA-UGC [106555..106589], ndhA [complement(121898..122436)], ndhA [complement(123531..124083)], trnA-UGC [complement(138109..138143)], trnA-UGC [complement(138942..138979)], trnI-GAU [complement(139044..139078)], trnI-GAU [complement(140021..140062)], ndhB [145601..146377], ndhB [147057..147812]	psbA [complement(156485..0)], trnK-UUU [complement(1084..3581)], trnG-UCC [8749..9444], atpF [complement(12075..12762)], rpoC1 [complement(22455..23202)], ycf3 [complement(43167..43909)], ycf3 [complement(44138..44848)], trnL-UAA [47855..48359], trnV-UAC [complement(52366..52954)], petB [76741..77446], petD [78294..79074], rpl16 [complement(83550..84597)], rpl2 [complement(86685..87345)], ndhB [complement(97642..98320)], trnI-GAU [104678..105619], trnA-UGC [105757..106554], ndhA [complement(122437..123530)], trnA-UGC [complement(138144..138941)], trnI-GAU [complement(139079..140020)], ndhB [146378..147056]
18.	ACAL	60	rps12 [complement(103085..103110)], rps12 [complement(103646..103877)], rps12 [complement(75325..75438)], trnK-UUU [complement(2179..2213)], trnK-UUU [complement(4804..4840)], rps16 [complement(5450..5679)], rps16 [complement(6521..6560)], trnG-GCC [10537..10557], trnG-GCC [11265..11311], atpF [complement(13316..13726)], atpF	trnK-UUU [complement(2214..4803)], rps16 [complement(5680..6520)], trnG-GCC [10558..11264], atpF [complement(13727..14441)], rpoC1 [complement(24304..25083)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(14442..14585)], rpoC1 [complement(22696..24303)], rpoC1 [complement(25084..25515)], trnL-UAA [50196..50232], trnL-UAA [50747..50799], trnV-UAC [complement(54613..54649)], trnV-UAC [complement(55217..55254)], rps12 [complement(75325..75438)], rps12 [144873..145104], rps12 [145640..145665], petB [79229..79234], petB [80046..80687], petD [80881..80888], petD [81641..82115], rpl16 [complement(85767..86165)], rpl16 [complement(87244..87252)], rpl2 [complement(89068..89501)], rpl2 [complement(90174..90564)], ndhB [complement(100029..100784)], ndhB [complement(101464..102240)], trnI-GAU [107837..107873], trnI-GAU [108821..108853], trnA-UGC [108920..108957], trnA-UGC [109763..109797], ndhA [complement(124213..124751)], ndhA [complement(125818..126370)], trnA-UGC [complement(138953..138987)], trnA-UGC [complement(139793..139830)], trnI-GAU [complement(139895..139929)], trnI-GAU [complement(140877..140913)], ndhB [146510..147286], ndhB [147966..148721]	[50233..50746], trnV-UAC [complement(54650..55216)], petB [79235..80045], petD [80889..81640], rpl16 [complement(86166..87243)], rpl2 [complement(89502..90173)], ndhB [complement(100785..101463)], trnI-GAU [107874..108820], trnA-UGC [108958..109762], ndhA [complement(124752..125817)], trnA-UGC [complement(138988..139792)], trnI-GAU [complement(139930..140876)], ndhB [147287..147965]
19.	ACAM	1	rps12 [140700..140725]	-
20.	ACAN	70	rps12 [complement(100108..100133)], rps12 [complement(100676..100907)], rps12 [complement(71928..72041)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4310..4346)], trnG-GCC [7823..7845], trnG-GCC [8586..8633], atpF [complement(10617..11023)], atpF [complement(11781..11904)], rpoC1 [complement(19977..21588)], rpoC1 [complement(22347..22774)], ycf3 [complement(43549..43703)], ycf3 [complement(44452..44691)], ycf3 [complement(45420..45543)], trnL-UAA [48609..48643], trnL-UAA [49137..49186], trnV-UAC [complement(53449..53485)], trnV-UAC [complement(54081..54119)], rps12 [complement(71928..72041)], rps12 [141922..142153], rps12 [142696..142721], clpP [complement(72201..72446)], clpP [complement(73103..73391)], clpP [complement(74225..74295)], petB [77189..77194], petB [78153..78641], petD [78848..78855], petD [79558..80053], rpl16 [complement(83599..83997)], rpl16	trnK-UUU [complement(1788..4309)], trnG-GCC [7846..8585], atpF [complement(11024..11780)], rpoC1 [complement(21589..22346)], ycf3 [complement(43704..44451)], ycf3 [complement(44692..45419)], trnL-UAA [48644..49136], trnV-UAC [complement(53486..54080)], clpP [complement(72447..73102)], clpP [complement(73392..74224)], petB [77195..78152], petD [78856..79557], rpl16 [complement(83998..85042)], rpl2 [complement(87216..87880)], ndhB [complement(97781..98480)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85043..85051)], rpl2 [complement(86782..87215)], rpl2 [complement(87881..88289)], ndhB [complement(97025..97780)], ndhB [complement(98481..99257)], trnI-GAU [104872..104913], trnI-GAU [105849..105883], trnA-UGC [105948..105985], trnA-UGC [106786..106820], ndhA [complement(121687..122225)], ndhA [complement(123228..123780)], trnA-UGC [complement(136009..136043)], trnA-UGC [complement(136844..136881)], trnI-GAU [complement(136946..136980)], trnI-GAU [complement(137916..137957)], ndhB [143572..144348], ndhB [145049..145804], rpl2 [154540..154948], rpl2 [155614..156047]	[104914..105848], trnA-UGC [105986..106785], ndhA [complement(122226..123227)], trnA-UGC [complement(136044..136843)], trnI-GAU [complement(136981..137915)], ndhB [144349..145048], rpl2 [154949..155613]
21.	ACAR	48	rps12 [complement(100752..100772)], rps12 [complement(101306..101545)], rps12 [complement(72908..73021)], trnK-UUU [complement(1865..1894)], trnK-UUU [complement(4419..4455)], trnG-GCC [9399..9420], trnG-GCC [10117..10164], trnL-UAA [49237..49273], trnL-UAA [49769..49818], trnV-UAC [complement(53843..53879)], trnV-UAC [complement(54449..54486)], rps12 [complement(72908..73021)], rps12 [142745..142984], rps12 [143512..143538], clpP [complement(75120..75188)], rpl16 [complement(84370..84767)], rpl16 [complement(85807..85816)], rpl2 [complement(87458..87892)], rpl2 [complement(88556..88948)], trnI-GAU [105260..105301], trnI-GAU [106021..106055], trnA-UGC [106120..106157], trnA-UGC [106969..107003], trnA-UGC [complement(137287..137321)], trnA-UGC [complement(138133..138170)], trnI-GAU [complement(138235..138269)], trnI-GAU [complement(138989..139030)]	trnK-UUU [complement(1895..4418)], rps16 [complement(5379..6234)], trnG-GCC [9421..10116], atpF [complement(12572..13193)], rpoC1 [complement(23068..23781)], ycf3 [complement(44380..45142)], ycf3 [complement(45371..46098)], trnL-UAA [49274..49768], trnV-UAC [complement(53880..54448)], clpP [complement(73398..74032)], clpP [complement(74324..75119)], petB [78145..78897], rpl16 [complement(84768..85806)], rpl2 [complement(87893..88555)], ndhB [complement(98489..99167)], trnI-GAU [105302..106020], trnA-UGC [106158..106968], ndhA [complement(123080..124250)], trnA-UGC [complement(137322..138132)], trnI-GAU [complement(138270..138988)], ndhB [145123..145801]
22.	ACAS	25	rps12 [complement(74202..74315)], rps12 [145701..145726]	trnK-UUU [complement(1795..4327)], rps16 [complement(5368..6265)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[10302..10991], atpF [complement(13390..14117)], rpoC1 [complement(23969..24749)], ycf3 [complement(46410..47153)], ycf3 [complement(47383..48096)], trnL-UAA [51383..51856], trnV-UAC [complement(56199..56781)], clpP [complement(74713..75329)], clpP [complement(75619..76425)], petB [79395..80204], petD [81055..81777], rpl16 [complement(86177..87177)], rpl2 [complement(89371..90026)], ndhB [complement(100383..101082)], trnI-GAU [107529..108474], trnA-UGC [108612..109411], ndhA [complement(125061..125977)], trnA-UGC [complement(139019..139818)], trnI-GAU [complement(139956..140901)], ndhB [147348..148047], rpl2 [158404..159059]
23.	ACAU	69	rps12 [complement(99685..99710)], rps12 [complement(100253..100484)], rps12 [complement(71424..71537)], trnK-UUU [complement(1760..1794)], trnK-UUU [complement(4315..4351)], trnG-GCC [8820..8842], trnG-GCC [9561..9608], atpF [complement(11588..11997)], atpF [complement(12726..12870)], rpoC1 [complement(20906..22516)], rpoC1 [complement(23284..23715)], ycf3 [complement(44415..44569)], ycf3 [complement(45319..45558)], ycf3 [complement(46278..46401)], trnL-UAA [49484..49518], trnL-UAA [50012..50061], trnV-UAC [complement(53404..53440)], trnV-UAC [complement(54032..54070)], rps12 [141587..141818], rps12 [142361..142386], clpP [complement(71698..71943)], clpP [complement(72613..72901)], clpP [complement(73752..73822)], petB [76714..76719], petB [77517..78158], petD [78366..78373], petD [79089..79584], rpl16 [complement(83101..83499)], rpl16	trnK-UUU [complement(1795..4314)], trnG- GCC [8843..9560], atpF [complement(11998..12725)], rpoC1 [complement(22517..23283)], ycf3 [complement(44570..45318)], ycf3 [complement(45559..46277)], trnL-UAA [49519..50011], trnV-UAC [complement(53441..54031)], clpP [complement(71944..72612)], clpP [complement(72902..73751)], petB [76720..77516], petD [78374..79088], rpl16 [complement(83500..84643)], rpl2 [complement(86824..87485)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84644..84652)], rpl2 [complement(86389..86823)], rpl2 [complement(87486..87878)], ndhB [complement(96602..97357)], ndhB [complement(98058..98834)], trnI-GAU [104438..104479], trnI-GAU [105415..105449], trnA-UGC [105514..105551], trnA-UGC [106352..106386], ndhA [complement(121365..121903)], ndhA [complement(122908..123460)], trnA-UGC [complement(135685..135719)], trnA-UGC [complement(136520..136557)], trnI-GAU [complement(136622..136656)], trnI-GAU [complement(137592..137633)], ndhB [143237..144013], ndhB [144714..145469], rpl2 [154193..154585], rpl2 [155248..155682]	[complement(97358..98057)], trnI-GAU [104480..105414], trnA-UGC [105552..106351], ndhA [complement(121904..122907)], trnA-UGC [complement(135720..136519)], trnI-GAU [complement(136657..137591)], ndhB [144014..144713], rpl2 [154586..155247]
24.	ACBR	69	rps12 [complement(99734..99759)], rps12 [complement(100302..100533)], rps12 [complement(71497..71610)], trnK-UUU [complement(1766..1800)], trnK-UUU [complement(4326..4362)], trnG-GCC [8902..8924], trnG-GCC [9644..9691], atpF [complement(11676..12085)], atpF [complement(12813..12957)], rpoC1 [complement(20996..22612)], rpoC1 [complement(23841..27050)], ycf3 [complement(44498..44652)], ycf3 [complement(45414..45653)], ycf3 [complement(46373..46496)], trnL-UAA [49548..49582], trnL-UAA [50075..50124], trnV-UAC [complement(53467..53503)], trnV-UAC [complement(54093..54139)], rps12 [141539..141770], rps12 [142313..142338], clpP [complement(71770..72015)], clpP [complement(72688..72977)], clpP [complement(73824..73890)], petB [76777..76782], petB [77581..78222], petD [78430..78437], petD [79153..79648], rpl16 [complement(83162..83560)], rpl16 [complement(84682..84690)], rpl2 [complement(86421..86854)], rpl2 [complement(87520..87910)], ndhB [complement(96645..97400)], ndhB [complement(98107..98883)], trnI-GAU [104498..104539], trnI-GAU [105475..105509], trnA-UGC [105574..105611], trnA-UGC [106412..106446], ndhA [complement(121340..121878)], ndhA [complement(122886..123438)], trnA-UGC [complement(135626..135660)], trnA-UGC [complement(136461..136498)], trnI-GAU [complement(136563..136597)], trnI-GAU [complement(137533..137574)], ndhB [143189..143965], ndhB [144672..145427], rpl2 [154162..154554], rpl2 [155217..155651]	trnK-UUU [complement(1801..4325)], trnG-GCC [8925..9643], atpF [complement(12086..12812)], rpoC1 [complement(22613..23840)], ycf3 [complement(44653..45413)], ycf3 [complement(45654..46372)], trnL-UAA [49583..50074], trnV-UAC [complement(53504..54092)], clpP [complement(72016..72687)], clpP [complement(72978..73823)], petB [76783..77580], petD [78438..79152], rpl16 [complement(83561..84681)], rpl2 [complement(86855..87519)], ndhB [complement(97401..98106)], trnI-GAU [104540..105474], trnA-UGC [105612..106411], ndhA [complement(121879..122885)], trnA-UGC [complement(135661..136460)], trnI-GAU [complement(136598..137532)], ndhB [143966..144671], rpl2 [154555..155216]
25.	ACBU	54	rps12 [complement(99580..99605)], rps12 [complement(100151..100382)],	rps16 [complement(5496..6307)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(71603..71716)], atpF [complement(12451..12861)], ycf3 [complement(43783..43935)], trnL-UAA [49101..49137], trnL-UAA [49651..49699], trnV-UAC [complement(53519..53555)], trnV-UAC [complement(54144..54182)], rps12 [142341..142572], rps12 [143118..143143], clpP [complement(71881..72108)], petB [76833..76838], petB [77610..78266], rpl16 [complement(83192..83593)], rpl16 [complement(84645..84653)], rpl2 [complement(86322..86756)], rpl2 [complement(87418..87810)], ndhB [complement(96514..97269)], ndhB [complement(97952..98728)], trnI-GAU [104282..104323], trnI-GAU [105276..105310], trnA-UGC [105375..105412], trnA-UGC [106220..106254], ndhA [complement(122025..122564)], ndhA [complement(123664..124215)], trnA-UGC [complement(136461..136495)], trnA-UGC [complement(137303..137340)], trnI-GAU [complement(137405..137439)], trnI-GAU [complement(138392..138433)], ndhB [143995..144771], ndhB [145454..146209], rpl2 [154913..155305], rpl2 [155967..156401]	[complement(12862..13613)], rpoC1 [complement(23048..23727)], ycf3 [complement(43936..44665)], ycf3 [complement(44894..45619)], trnL-UAA [49138..49650], trnV-UAC [complement(53556..54143)], clpP [complement(72109..72704)], clpP [complement(72996..73851)], petB [76839..77609], rpl16 [complement(83594..84644)], rpl2 [complement(86757..87417)], ndhB [complement(97270..97951)], trnI-GAU [104324..105275], trnA-UGC [105413..106219], ndhA [complement(122565..123663)], trnA-UGC [complement(136496..137302)], trnI-GAU [complement(137440..138391)], ndhB [144772..145453], rpl2 [155306..155966]
26.	ACCA	5	rps12 [complement(69422..69535)], rps16 [complement(6024..6063)], rps12 [141030..141055]	rps16 [complement(5203..6023)], ycf3 [complement(44005..44749)]
27.	ACCH	65	psbA [complement(156109..156346)], psbA [complement(1..824)], trnK-UUU [complement(1045..1083)], trnK-UUU [complement(3573..3609)], rps16 [complement(4345..4570)], rps16 [complement(5446..5483)], trnG-UCC [8922..8944], trnG-UCC [9634..9681], atpF [complement(11801..12210)], atpF [complement(12944..13088)], rpoC1 [complement(21072..22676)], rpoC1 [complement(23425..23877)], ycf3 [complement(43216..43368)], ycf3 [complement(44112..44339)], ycf3 [complement(45050..45175)], trnL-UAA [48015..48051], trnL-UAA [48556..48605], trnV-UAC [complement(52343..52379)], trnV-UAC [complement(52975..53013)], rps12 [complement(71087..71200)], rps12 [143848..144079], rps12 [144616..144641], petB [76457..76462], petB [77216..77860], petD [78051..78058], petD [78836..79310], rpl16 [complement(82909..83307)],	psbA [complement(156347..0)], trnK-UUU [complement(1084..3572)], rps16 [complement(4571..5445)], trnG-UCC [8945..9633], atpF [complement(12211..12943)], rpoC1 [complement(22677..23424)], ycf3 [complement(43369..44111)], ycf3 [complement(44340..45049)], trnL-UAA [48052..48555], trnV-UAC [complement(52380..52974)], petB [76463..77215], petD [78059..78835], rpl16 [complement(83308..84362)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(84363..84371)], rpl2 [complement(86015..86455)], rpl2 [complement(87120..87524)], ndhB [complement(96661..97416)], ndhB [complement(98096..98872)], trnI-GAU [104405..104446], trnI-GAU [105389..105423], trnA-UGC [105488..105525], trnA-UGC [106324..106358], ndhA [complement(121597..122135)], ndhA [complement(123221..123773)], trnA-UGC [complement(137974..138008)], trnA-UGC [complement(138807..138844)], trnI-GAU [complement(138909..138943)], trnI-GAU [complement(139886..139927)], ndhB [145460..146236], ndhB [146916..147671]	[complement(86456..87119)], ndhB [complement(97417..98095)], trnI-GAU [104447..105388], trnA-UGC [105526..106323], ndhA [complement(122136..123220)], trnA-UGC [complement(138009..138806)], trnI-GAU [complement(138944..139885)], ndhB [146237..146915]
28.	ACCI	69	rps12 [complement(99866..99891)], rps12 [complement(100434..100665)], rps12 [complement(71630..71743)], trnK-UUU [complement(1766..1800)], trnK-UUU [complement(4317..4353)], trnG-GCC [9000..9022], trnG-GCC [9742..9789], atpF [complement(11769..12178)], atpF [complement(12908..13052)], rpoC1 [complement(21098..22708)], rpoC1 [complement(23480..23911)], ycf3 [complement(44605..44759)], ycf3 [complement(45516..45755)], ycf3 [complement(46475..46598)], trnL-UAA [49678..49712], trnL-UAA [50206..50255], trnV-UAC [complement(53585..53621)], trnV-UAC [complement(54212..54250)], rps12 [141829..142060], rps12 [142603..142628], clpP [complement(71903..72148)], clpP [complement(72821..73109)], clpP [complement(73958..74028)], petB [76920..76925], petB [77722..78363], petD [78571..78578], petD [79294..79789], rpl16 [complement(83309..83707)], rpl16 [complement(84822..84830)], rpl2 [complement(86560..86993)], rpl2 [complement(87660..88050)], ndhB [complement(96783..97538)], ndhB [complement(98239..99015)], trnI-GAU [104635..104676], trnI-GAU [105617..105651], trnA-UGC [105716..105753], trnA-UGC [106554..106588], ndhA [complement(121531..122069)], ndhA [complement(123086..123638)], trnA-UGC [complement(135906..135940)], trnA-UGC [complement(136741..136778)], trnI-GAU [complement(136843..136877)], trnI-GAU [complement(137818..137859)], ndhB [143479..144255], ndhB [144956..145711], rpl2 [154444..154836], rpl2 [155500..155934]	trnK-UUU [complement(1801..4316)], trnG-GCC [9023..9741], atpF [complement(12179..12907)], rpoC1 [complement(22709..23479)], ycf3 [complement(44760..45515)], ycf3 [complement(45756..46474)], trnL-UAA [49713..50205], trnV-UAC [complement(53622..54211)], clpP [complement(72149..72820)], clpP [complement(73110..73957)], petB [76926..77721], petD [78579..79293], rpl16 [complement(83708..84821)], rpl2 [complement(86994..87659)], ndhB [complement(97539..98238)], trnI-GAU [104677..105616], trnA-UGC [105754..106553], ndhA [complement(122070..123085)], trnA-UGC [complement(135941..136740)], trnI-GAU [complement(136878..137817)], ndhB [144256..144955], rpl2 [154837..155499]
29.	ACCL	69	rps12 [complement(99771..99796)], rps12 [complement(100339..100570)],	trnK-UUU [complement(1757..4279)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(71502..71615)], trnK-UUU [complement(1722..1756)], trnK-UUU [complement(4280..4316)], trnG-GCC [8960..8982], trnG-GCC [9701..9748], atpF [complement(11728..12137)], atpF [complement(12867..13011)], rpoC1 [complement(21039..22649)], rpoC1 [complement(23417..23848)], ycf3 [complement(44492..44646)], ycf3 [complement(45398..45637)], ycf3 [complement(46358..46481)], trnL-UAA [49559..49593], trnL-UAA [50087..50136], trnV-UAC [complement(53470..53506)], trnV-UAC [complement(54097..54135)], rps12 [141715..141946], rps12 [142489..142514], clpP [complement(71771..72016)], clpP [complement(72691..72979)], clpP [complement(73828..73898)], petB [76790..76795], petB [77593..78234], petD [78442..78449], petD [79170..79665], rpl16 [complement(83187..83585)], rpl16 [complement(84707..84715)], rpl2 [complement(86453..86887)], rpl2 [complement(87550..87942)], ndhB [complement(96688..97443)], ndhB [complement(98144..98920)], trnI-GAU [104531..104572], trnI-GAU [105508..105542], trnA-UGC [105607..105644], trnA-UGC [106445..106479], ndhA [complement(121457..121995)], ndhA [complement(123003..123555)], trnA-UGC [complement(135806..135840)], trnA-UGC [complement(136641..136678)], trnI-GAU [complement(136743..136777)], trnI-GAU [complement(137713..137754)], ndhB [143365..144141], ndhB [144842..145597], rpl2 [154343..154735], rpl2 [155398..155832]</p>	<p>GCC [8983..9700], atpF [complement(12138..12866)], rpoC1 [complement(22650..23416)], ycf3 [complement(44647..45397)], ycf3 [complement(45638..46357)], trnL-UAA [49594..50086], trnV-UAC [complement(53507..54096)], clpP [complement(72017..72690)], clpP [complement(72980..73827)], petB [76796..77592], petD [78450..79169], rpl16 [complement(83586..84706)], rpl2 [complement(86888..87549)], ndhB [complement(97444..98143)], trnI-GAU [104573..105507], trnA-UGC [105645..106444], ndhA [complement(121996..123002)], trnA-UGC [complement(135841..136640)], trnI-GAU [complement(136778..137712)], ndhB [144142..144841], rpl2 [154736..155397]</p>
30.	ACCN	60	<p>rps12 [complement(99724..99749)], rps12 [complement(100292..100523)], rps12 [complement(71448..71561)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4273..4309)], trnG-GCC [8966..8988], trnG-GCC [9716..9762], atpF [complement(11748..12158)], atpF [complement(12873..13031)], rpoC1 [complement(21079..22698)], rpoC1 [complement(23453..23887)], ycf3 [complement(44561..44713)], ycf3 [complement(45470..45697)], ycf3 [complement(46415..46540)], trnL-UAA [49575..49609], trnL-UAA [50103..50152], trnV-UAC [complement(53486..53522)], trnV-UAC [complement(54113..54151)], rps12 [141530..141761], rps12 [142304..142329], clpP [complement(71722..71967)], clpP [complement(72639..72929)], clpP [complement(73777..73845)], rpl2</p>	<p>trnK-UUU [complement(1735..4272)], trnG-GCC [8989..9715], atpF [complement(12159..12872)], rpoC1 [complement(22699..23452)], ycf3 [complement(44714..45469)], ycf3 [complement(45698..46414)], trnL-UAA [49610..50102], trnV-UAC [complement(53523..54112)], clpP [complement(71968..72638)], clpP [complement(72930..73776)], rpl2 [complement(86835..87496)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86400..86834)], rpl2 [complement(87497..87889)], ndhB [complement(96635..97390)], ndhB [complement(98097..98873)], trnI-GAU [104484..104525], trnI-GAU [105461..105495], trnA-UGC [105560..105597], trnA-UGC [106398..106432], ndhA [complement(121343..121882)], ndhA [complement(122885..123436)], trnA-UGC [complement(135621..135655)], trnA-UGC [complement(136456..136493)], trnI-GAU [complement(136558..136592)], trnI-GAU [complement(137528..137569)], ndhB [143180..143956], ndhB [144663..145418], rpl2 [154164..154556], rpl2 [155219..155653]	[complement(97391..98096)], trnI-GAU [104526..105460], trnA-UGC [105598..106397], ndhA [complement(121883..122884)], trnA-UGC [complement(135656..136455)], trnI-GAU [complement(136593..137527)], ndhB [143957..144662], rpl2 [154557..155218]
31.	ACCO	73	rps12 [complement(100983..101008)], rps12 [complement(101551..101782)], rps12 [complement(72719..72832)], trnK-UUU [complement(1735..1769)], trnK-UUU [complement(4296..4332)], rps16 [complement(4946..5196)], rps16 [complement(5967..6006)], trnG-GCC [9697..9719], trnG-GCC [10440..10487], atpF [complement(12458..12867)], atpF [complement(13589..13733)], rpoC1 [complement(21767..23377)], rpoC1 [complement(24144..24575)], ycf3 [complement(45288..45442)], ycf3 [complement(46188..46427)], ycf3 [complement(47152..47275)], trnL-UAA [50308..50342], trnL-UAA [50844..50893], trnV-UAC [complement(54235..54271)], trnV-UAC [complement(54872..54910)], rps12 [complement(72719..72832)], rps12 [142870..143101], rps12 [143644..143669], clpP [complement(72990..73235)], clpP [complement(73910..74198)], clpP [complement(75083..75153)], petB [78051..78056], petB [78866..79507], petD [79714..79721], petD [80425..80920], rpl16 [complement(84436..84834)], rpl16 [complement(85953..85961)], rpl2 [complement(87687..88121)], rpl2 [complement(88784..89176)], ndhB [complement(97900..98655)], ndhB [complement(99356..100132)], trnI-GAU [105747..105788], trnI-GAU [106724..106758], trnA-UGC [106823..106860], trnA-UGC [107656..107690], ndhA [complement(122631..123169)], ndhA [complement(124182..124734)], trnA-UGC [complement(136962..136996)], trnA-UGC [complement(137792..137829)], trnI-GAU [complement(137894..137928)], trnI-GAU [complement(138864..138905)], ndhB [144520..145296], ndhB	trnK-UUU [complement(1770..4295)], rps16 [complement(5197..5966)], trnG-GCC [9720..10439], atpF [complement(12868..13588)], rpoC1 [complement(23378..24143)], ycf3 [complement(45443..46187)], ycf3 [complement(46428..47151)], trnL-UAA [50343..50843], trnV-UAC [complement(54272..54871)], clpP [complement(73236..73909)], clpP [complement(74199..75082)], petB [78057..78865], petD [79722..80424], rpl16 [complement(84835..85952)], rpl2 [complement(88122..88783)], ndhB [complement(98656..99355)], trnI-GAU [105789..106723], trnA-UGC [106861..107655], ndhA [complement(123170..124181)], trnA-UGC [complement(136997..137791)], trnI-GAU [complement(137929..138863)], ndhB [145297..145996], rpl2 [155869..156530]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145997..146752], rpl2 [155476..155868], rpl2 [156531..156965]	
32.	ACCR	69	<p>rps12 [complement(99713..99738)], rps12 [complement(100281..100512)], rps12 [complement(71446..71559)], trnK-UUU [complement(1656..1690)], trnK-UUU [complement(4213..4249)], trnG-GCC [8897..8919], trnG-GCC [9638..9685], atpF [complement(11665..12074)], atpF [complement(12804..12948)], rpoC1 [complement(20975..22587)], rpoC1 [complement(23355..23784)], ycf3 [complement(44432..44584)], ycf3 [complement(45347..45576)], ycf3 [complement(46297..46420)], trnL-UAA [49499..49533], trnL-UAA [50027..50076], trnV-UAC [complement(53410..53444)], trnV-UAC [complement(54037..54075)], rps12 [141556..141787], rps12 [142330..142355], clpP [complement(71716..71961)], clpP [complement(72637..72925)], clpP [complement(73774..73844)], petB [76736..76741], petB [77539..78180], petD [78388..78395], petD [79116..79611], rpl16 [complement(83132..83530)], rpl16 [complement(84651..84659)], rpl2 [complement(86397..86830)], rpl2 [complement(87496..87886)], ndhB [complement(96630..97385)], ndhB [complement(98086..98862)], trnI-GAU [104473..104509], trnI-GAU [105450..105484], trnA-UGC [105549..105586], trnA-UGC [106387..106421], ndhA [complement(121296..121834)], ndhA [complement(122843..123395)], trnA-UGC [complement(135647..135681)], trnA-UGC [complement(136482..136519)], trnI-GAU [complement(136584..136618)], trnI-GAU [complement(137559..137595)], ndhB [143206..143982], ndhB [144683..145438], rpl2 [154182..154572], rpl2 [155238..155671]</p>	<p>trnK-UUU [complement(1691..4212)], trnG-GCC [8920..9637], atpF [complement(12075..12803)], rpoC1 [complement(22588..23354)], ycf3 [complement(44585..45346)], ycf3 [complement(45577..46296)], trnL-UAA [49534..50026], trnV-UAC [complement(53445..54036)], clpP [complement(71962..72636)], clpP [complement(72926..73773)], petB [76742..77538], petD [78396..79115], rpl16 [complement(83531..84650)], rpl2 [complement(86831..87495)], ndhB [complement(97386..98085)], trnI-GAU [104510..105449], trnA-UGC [105587..106386], ndhA [complement(121835..122842)], trnA-UGC [complement(135682..136481)], trnI-GAU [complement(136619..137558)], ndhB [143983..144682], rpl2 [154573..155237]</p>
33.	ACCS	59	<p>rps12 [complement(100366..100391)], rps12 [complement(100928..101159)], rps12 [complement(71706..71819)], trnK-UUU [complement(1045..1083)], trnK-UUU [complement(3576..3612)], trnG-UCC [8907..8929], trnG-UCC [9619..9666], atpF [complement(11813..12251)], atpF [complement(12935..13092)], rpoC1 [complement(21042..22646)], rpoC1 [complement(23395..23847)], ycf3 [complement(43267..43419)], ycf3 [complement(44163..44390)], ycf3 [complement(45108..45233)], trnL-UAA [48058..48094], trnL-UAA [48599..48648], trnV-UAC [complement(52650..52686)], trnV-UAC [complement(53276..53313)], rps12</p>	<p>trnK-UUU [complement(1084..3575)], trnG-UCC [8930..9618], atpF [complement(12252..12934)], rpoC1 [complement(22647..23394)], ycf3 [complement(43420..44162)], ycf3 [complement(44391..45107)], trnL-UAA [48095..48598], trnV-UAC [complement(52687..53275)], petD [78717..79504], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71706..71819)], rps12 [144298..144529], rps12 [145066..145091], petD [78710..78716], petD [79505..79980], rpl16 [complement(83568..83966)], rpl16 [complement(85008..85016)], rpl2 [complement(86660..87100)], rpl2 [complement(87762..88169)], ndhB [complement(97336..98091)], ndhB [complement(98771..99547)], trnI-GAU [105068..105109], trnI-GAU [106052..106086], trnA-UGC [106151..106188], trnA-UGC [106987..107021], ndhA [complement(122238..122776)], ndhA [complement(123853..124405)], trnA-UGC [complement(138409..138443)], trnA-UGC [complement(139269..139306)], trnI-GAU [complement(139371..139405)], trnI-GAU [complement(140348..140389)], ndhB [145910..146686], ndhB [147366..148121]	[complement(83967..85007)], rpl2 [complement(87101..87761)], ndhB [complement(98092..98770)], trnI-GAU [105110..106051], trnA-UGC [106189..106986], ndhA [complement(122777..123852)], trnA-UGC [complement(138444..139268)], trnI-GAU [complement(139406..140347)], ndhB [146687..147365]
34.	ACCT	70	rps12 [complement(99757..99782)], rps12 [complement(100331..100562)], rps12 [complement(71763..71876)], trnK-UUU [complement(1822..1856)], trnK-UUU [complement(4344..4380)], rps16 [complement(5343..5554)], rps16 [complement(6361..6400)], trnG [9640..9662], trnG [10383..10430], atpF [complement(12522..12931)], atpF [complement(13702..13849)], rpoC1 [complement(21521..23146)], rpoC1 [complement(23832..24266)], ycf3 [complement(43934..44086)], ycf3 [complement(44822..45051)], ycf3 [complement(45777..45903)], trnL-UAA [49244..49280], trnL-UAA [49794..49842], trnV-UAC [complement(53660..53696)], trnV-UAC [complement(54286..54324)], clpP [complement(72048..72273)], clpP [complement(72864..73171)], clpP [complement(74014..74082)], petB [76992..76997], petB [77780..78427], petD [78626..78634], petD [79347..79871], rpl16 [complement(83369..83779)], rpl16 [complement(84823..84831)], rpl2 [complement(86499..86933)], rpl2 [complement(87595..87987)], ndhB [complement(96691..97448)], ndhB [complement(98128..98905)], trnI-GAU [104468..104509], trnI-GAU [105463..105497], trnA-UGC [105562..105599], trnA-UGC [106407..106441], ndhA [complement(122224..122762)], ndhA [complement(123858..124413)], trnA-UGC [complement(136654..136688)], trnA-UGC [complement(137496..137533)], trnI-GAU [complement(137598..137632)], trnI-GAU [complement(138586..138627)], ndhB [144190..144964], ndhB	trnK-UUU [complement(1857..4343)], rps16 [complement(5555..6360)], trnG [9663..10382], atpF [complement(12932..13701)], rpoC1 [complement(23147..23831)], ycf3 [complement(44087..44821)], ycf3 [complement(45052..45776)], trnL-UAA [49281..49793], trnV-UAC [complement(53697..54285)], clpP [complement(72274..72863)], clpP [complement(73172..74013)], petB [76998..77779], petD [78635..79346], rpl16 [complement(83780..84822)], rpl2 [complement(86934..87594)], ndhB [complement(97449..98127)], trnI-GAU [104510..105462], trnA-UGC [105600..106406], ndhA [complement(122763..123857)], trnA-UGC [complement(136689..137495)], trnI-GAU [complement(137633..138585)], ndhB [144965..145646], rpl2 [155422..156085]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145647..146404], rpl2 [155108..155421], rpl2 [156086..156596]	
35.	ACDA	72	rps12 [complement(99420..99445)], rps12 [complement(99993..100224)], rps12 [complement(71459..71572)], trnK-UUU [complement(1930..1964)], trnK-UUU [complement(4459..4495)], rps16 [complement(5505..5714)], rps16 [complement(6523..6561)], trnG [9791..9813], trnG [10534..10581], atpF [complement(12674..13081)], atpF [complement(13830..13988)], rpoC1 [complement(21632..23257)], rpoC1 [complement(23914..24348)], ycf3 [complement(44049..44201)], ycf3 [complement(44936..45163)], ycf3 [complement(45892..46017)], trnL-UAA [49335..49371], trnL-UAA [49892..49940], trnV-UAC [complement(53700..53736)], trnV-UAC [complement(54325..54363)], rps12 [142231..142462], rps12 [143010..143035], clpP [complement(71737..71964)], clpP [complement(72566..72856)], clpP [complement(73702..73770)], petB [76688..76693], petB [77474..78130], petD [78329..78337], petD [79020..79544], rpl16 [complement(83028..83429)], rpl16 [complement(84454..84462)], rpl2 [complement(86162..86596)], rpl2 [complement(87258..87650)], ndhB [complement(96354..97109)], ndhB [complement(97792..98568)], trnI-GAU [104123..104164], trnI-GAU [105118..105152], trnA-UGC [105217..105254], trnA-UGC [106062..106096], ndhA [complement(121923..122462)], ndhA [complement(123564..124115)], trnA-UGC [complement(136359..136393)], trnA-UGC [complement(137201..137238)], trnI-GAU [complement(137303..137337)], trnI-GAU [complement(138291..138332)], ndhB [143887..144663], ndhB [145346..146101], rpl2 [154805..155194], rpl2 [155859..156293]	trnK-UUU [complement(1965..4458)], rps16 [complement(5715..6522)], trnG [9814..10533], atpF [complement(13082..13829)], rpoC1 [complement(23258..23913)], ycf3 [complement(44202..44935)], ycf3 [complement(45164..45891)], trnL-UAA [49372..49891], trnV-UAC [complement(53737..54324)], clpP [complement(71965..72565)], clpP [complement(72857..73701)], petB [76694..77473], petD [78338..79019], rpl16 [complement(83430..84453)], rpl2 [complement(86597..87257)], ndhB [complement(97110..97791)], trnI-GAU [104165..105117], trnA-UGC [105255..106061], ndhA [complement(122463..123563)], trnA-UGC [complement(136394..137200)], trnI-GAU [complement(137338..138290)], ndhB [144664..145345], rpl2 [155195..155858]
36.	ACDE	65	psbA [complement(156504..156741)], psbA [complement(1..824)], trnK-UUU [complement(1045..1083)], trnK-UUU [complement(3573..3609)], rps16 [complement(4344..4568)], rps16 [complement(5444..5482)], trnG-UCC [8931..8953], trnG-UCC [9643..9690], atpF [complement(11805..12214)], atpF [complement(12947..13091)], rpoC1 [complement(21076..22680)], rpoC1 [complement(23429..23881)], ycf3 [complement(43212..43364)], ycf3 [complement(44108..44335)], ycf3 [complement(45046..45171)], trnL-UAA [48005..48041], trnL-UAA [48546..48595], trnV-UAC	psbA [complement(156742..0)], trnK-UUU [complement(1084..3572)], rps16 [complement(4569..5443)], trnG-UCC [8954..9642], atpF [complement(12215..12946)], rpoC1 [complement(22681..23428)], ycf3 [complement(43365..44107)], ycf3 [complement(44336..45045)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52603..52639)], trnV-UAC [complement(53235..53272)], rps12 [complement(71339..71452)], rps12 [144145..144376], rps12 [144913..144938], petB [76739..76744], petB [77498..78142], petD [78333..78340], petD [79118..79592], rpl16 [complement(83191..83589)], rpl16 [complement(84645..84653)], rpl2 [complement(86298..86737)], rpl2 [complement(87402..87807)], ndhB [complement(97042..97797)], ndhB [complement(98477..99253)], trnI-GAU [104786..104827], trnI-GAU [105770..105804], trnA-UGC [105869..105906], trnA-UGC [106705..106739], ndhA [complement(121934..122472)], ndhA [complement(123558..124110)], trnA-UGC [complement(138271..138305)], trnA-UGC [complement(139104..139141)], trnI-GAU [complement(139206..139240)], trnI-GAU [complement(140183..140224)], ndhB [145757..146533], ndhB [147213..147968]	[48042..48545], trnV-UAC [complement(52640..53234)], petB [76745..77497], petD [78341..79117], rpl16 [complement(83590..84644)], rpl2 [complement(86738..87401)], ndhB [complement(97798..98476)], trnI-GAU [104828..105769], trnA-UGC [105907..106704], ndhA [complement(122473..123557)], trnA-UGC [complement(138306..139103)], trnI-GAU [complement(139241..140182)], ndhB [146534..147212]
37.	ACDH	25	rps12 [complement(73902..74015)], rps12 [145439..145464]	trnK-UUU [complement(1833..4374)], rps16 [complement(5406..6302)], trnG-UCC [10326..11014], atpF [complement(13411..14138)], rpoC1 [complement(23902..24666)], ycf3 [complement(46078..46829)], ycf3 [complement(47059..47773)], trnL-UAA [51106..51613], trnV-UAC [complement(55903..56485)], clpP [complement(74413..75046)], clpP [complement(75336..76148)], petB [79117..79919], petD [80770..81492], rpl16 [complement(85887..86883)], rpl2 [complement(89066..89721)], ndhB [complement(100066..100765)], trnI-GAU [107212..108157], trnA-UGC [108295..109097], ndhA [complement(124803..125717)], trnA-UGC [complement(138754..139556)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(139694..140639)], ndhB [147086..147785], rpl2 [158130..158785]
38.	ACDL	26	rps12 [complement(77217..77330)], trnK-UUU [complement(1970..2004)], trnK-UUU [complement(4568..4604)], trnG-UCC [10559..10581], trnG-UCC [11298..11345], trnL-UAA [53211..53245], trnL-UAA [53792..53841], trnV-UAC [complement(57764..57800)], trnV-UAC [complement(58417..58455)], rps12 [162239..162264], trnI-GAU [109463..109499], trnI-GAU [110449..110483], trnA-UGC [110548..110585], trnA-UGC [111388..111422], trnA-UGC [complement(155549..155583)], trnA-UGC [complement(156386..156423)], trnI-GAU [complement(156488..156522)], trnI-GAU [complement(157472..157508)]	trnK-UUU [complement(2005..4567)], trnG-UCC [10582..11297], trnL-UAA [53246..53791], trnV-UAC [complement(57801..58416)], trnI-GAU [109500..110448], trnA-UGC [110586..111387], trnA-UGC [complement(155584..156385)], trnI-GAU [complement(156523..157471)]
39.	ACDV	60	rps12 [complement(99782..99807)], rps12 [complement(100350..100581)], rps12 [complement(71552..71665)], trnK-UUU [complement(1752..1786)], trnK-UUU [complement(4308..4344)], trnG-GCC [8998..9020], trnG-GCC [9740..9786], atpF [complement(11777..12187)], atpF [complement(12907..13065)], rpoC1 [complement(21085..22704)], rpoC1 [complement(23439..23873)], ycf3 [complement(44571..44723)], ycf3 [complement(45479..45706)], ycf3 [complement(46427..46552)], trnL-UAA [49628..49662], trnL-UAA [50156..50205], trnV-UAC [complement(53543..53579)], trnV-UAC [complement(54170..54208)], rps12 [141659..141890], rps12 [142433..142458], clpP [complement(71826..72071)], clpP [complement(72745..73035)], clpP [complement(73886..73954)], rpl2 [complement(86471..86905)], rpl2 [complement(87568..87960)], ndhB [complement(96693..97448)], ndhB [complement(98155..98931)], trnI-GAU [104565..104606], trnI-GAU [105542..105576], trnA-UGC [105641..105678], trnA-UGC [106479..106513], ndhA [complement(121437..121976)], ndhA [complement(122989..123540)], trnA-UGC [complement(135727..135761)], trnA-UGC [complement(136562..136599)], trnI-GAU [complement(136664..136698)], trnI-GAU [complement(137634..137675)], ndhB [143309..144085], ndhB [144792..145547], rpl2 [154280..154672], rpl2 [155335..155769]	trnK-UUU [complement(1787..4307)], trnG-GCC [9021..9739], atpF [complement(12188..12906)], rpoC1 [complement(22705..23438)], ycf3 [complement(44724..45478)], ycf3 [complement(45707..46426)], trnL-UAA [49663..50155], trnV-UAC [complement(53580..54169)], clpP [complement(72072..72744)], clpP [complement(73036..73885)], rpl2 [complement(86906..87567)], ndhB [complement(97449..98154)], trnI-GAU [104607..105541], trnA-UGC [105679..106478], ndhA [complement(121977..122988)], trnA-UGC [complement(135762..136561)], trnI-GAU [complement(136699..137633)], ndhB [144086..144791], rpl2 [154673..155334]
40.	ACEP	60	rps12 [complement(96711..96736)], rps12 [complement(97279..97510)],	trnK-UUU [complement(1788..4023)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(69057..69170)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4024..4060)], trnG-GCC [8470..8492], trnG-GCC [9212..9258], atpF [complement(11128..11538)], atpF [complement(12258..12416)], rpoC1 [complement(20332..21951)], rpoC1 [complement(22686..23120)], ycf3 [complement(43116..43268)], ycf3 [complement(44024..44251)], ycf3 [complement(44972..45097)], trnL-UAA [48171..48205], trnL-UAA [48699..48748], trnV-UAC [complement(52090..52126)], trnV-UAC [complement(52717..52755)], rps12 [137227..137458], rps12 [138001..138026], clpP [complement(69331..69558)], clpP [complement(70127..70417)], clpP [complement(71268..71336)], rpl2 [complement(83523..83957)], rpl2 [complement(84620..85012)], ndhB [complement(93622..94377)], ndhB [complement(95084..95860)], trnI-GAU [101494..101535], trnI-GAU [102471..102505], trnA-UGC [102570..102607], trnA-UGC [103408..103442], ndhA [complement(117941..118480)], ndhA [complement(119233..119784)], trnA-UGC [complement(131295..131329)], trnA-UGC [complement(132130..132167)], trnI-GAU [complement(132232..132266)], trnI-GAU [complement(133202..133243)], ndhB [138877..139653], ndhB [140360..141115], rpl2 [149725..150117], rpl2 [150780..151214]	GCC [8493..9211], atpF [complement(11539..12257)], rpoC1 [complement(21952..22685)], ycf3 [complement(43269..44023)], ycf3 [complement(44252..44971)], trnL-UAA [48206..48698], trnV-UAC [complement(52127..52716)], clpP [complement(69559..70126)], clpP [complement(70418..71267)], rpl2 [complement(83958..84619)], ndhB [complement(94378..95083)], trnI-GAU [101536..102470], trnA-UGC [102608..103407], ndhA [complement(118481..119232)], trnA-UGC [complement(131330..132129)], trnI-GAU [complement(132267..133201)], ndhB [139654..140359], rpl2 [150118..150779]
41.	ACER	65	rps12 [complement(100483..100508)], rps12 [complement(101045..101276)], rps12 [complement(71968..72081)], psbA [complement(156727..156964)], psbA [complement(1..824)], trnK-UUU [complement(1045..1083)], trnK-UUU [complement(3575..3611)], trnG-UCC [8935..8957], trnG-UCC [9647..9694], atpF [complement(11841..12279)], atpF [complement(12968..13125)], rpoC1 [complement(21113..22717)], rpoC1 [complement(23466..23918)], ycf3 [complement(43353..43505)], ycf3 [complement(44249..44476)], ycf3 [complement(45192..45317)], trnL-UAA [48153..48189], trnL-UAA [48696..48745], trnV-UAC [complement(52788..52824)], trnV-UAC [complement(53414..53451)], rps12 [complement(71968..72081)], rps12 [144448..144679], rps12 [145216..145241], petB [77242..77247], petB [77955..78599], petD [78790..78796], petD [79596..80071], rpl16 [complement(83676..84074)], rpl16 [complement(85126..85134)], rpl2	psbA [complement(156965..0)], trnK-UUU [complement(1084..3574)], trnG-UCC [8958..9646], atpF [complement(12280..12967)], rpoC1 [complement(22718..23465)], ycf3 [complement(43506..44248)], ycf3 [complement(44477..45191)], trnL-UAA [48190..48695], trnV-UAC [complement(52825..53413)], petB [77248..77954], petD [78797..79595], rpl16 [complement(84075..85125)], rpl2 [complement(87221..87881)], ndhB [complement(98209..98887)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86780..87220)], rpl2 [complement(87882..88289)], ndhB [complement(97453..98208)], ndhB [complement(98888..99664)], trnI-GAU [105188..105229], trnI-GAU [106172..106206], trnA-UGC [106271..106308], trnA-UGC [107107..107141], ndhA [complement(122373..122911)], ndhA [complement(124033..124585)], trnA-UGC [complement(138583..138617)], trnA-UGC [complement(139416..139453)], trnI-GAU [complement(139518..139552)], trnI-GAU [complement(140495..140536)], ndhB [146060..146836], ndhB [147516..148271]	[105230..106171], trnA-UGC [106309..107106], ndhA [complement(122912..124032)], trnA-UGC [complement(138618..139415)], trnI-GAU [complement(139553..140494)], ndhB [146837..147515]
42.	ACFI	69	rps12 [complement(99882..99907)], rps12 [complement(100450..100681)], rps12 [complement(71870..71983)], trnK-UUU [complement(1761..1795)], trnK-UUU [complement(4319..4355)], trnG-GCC [7833..7855], trnG-GCC [8590..8637], atpF [complement(10616..11022)], atpF [complement(11777..11900)], rpoC1 [complement(19950..21585)], rpoC1 [complement(22344..22771)], ycf3 [complement(43534..43688)], ycf3 [complement(44438..44677)], ycf3 [complement(45406..45529)], trnL-UAA [48593..48627], trnL-UAA [49121..49170], trnV-UAC [complement(53436..53472)], trnV-UAC [complement(54068..54106)], rps12 [141609..141840], rps12 [142383..142408], clpP [complement(72143..72388)], clpP [complement(73040..73328)], clpP [complement(74170..74240)], petB [77134..77139], petB [78092..78580], petD [78787..78794], petD [79497..79992], rpl16 [complement(83541..83939)], rpl16 [complement(84985..84993)], rpl2 [complement(86727..87160)], rpl2 [complement(87826..88234)], ndhB [complement(96799..97554)], ndhB [complement(98255..99031)], trnI-GAU [104646..104687], trnI-GAU [105623..105657], trnA-UGC [105722..105759], trnA-UGC [106560..106594], ndhA [complement(121331..121869)], ndhA [complement(122873..123425)], trnA-UGC [complement(135696..135730)], trnA-UGC [complement(136531..136568)], trnI-GAU [complement(136633..136667)], trnI-GAU [complement(137603..137644)], ndhB [143259..144035], ndhB [144736..145491], rpl2 [154056..154464], rpl2 [155130..155563]	trnK-UUU [complement(1796..4318)], trnG-GCC [7856..8589], atpF [complement(11023..11776)], rpoC1 [complement(21586..22343)], ycf3 [complement(43689..44437)], ycf3 [complement(44678..45405)], trnL-UAA [48628..49120], trnV-UAC [complement(53473..54067)], clpP [complement(72389..73039)], clpP [complement(73329..74169)], petB [77140..78091], petD [78795..79496], rpl16 [complement(83940..84984)], rpl2 [complement(87161..87825)], ndhB [complement(97555..98254)], trnI-GAU [104688..105622], trnA-UGC [105760..106559], ndhA [complement(121870..122872)], trnA-UGC [complement(135731..136530)], trnI-GAU [complement(136668..137602)], ndhB [144036..144735], rpl2 [154465..155129]
43.	ACGI	72	rps12 [complement(99246..99271)], rps12 [complement(99818..100049)], rps12 [complement(71274..71387)], trnK-UUU [complement(1878..1912)],	trnK-UUU [complement(1913..4387)], rps16 [complement(5628..6432)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4388..4424)], rps16 [complement(5418..5627)], rps16 [complement(6433..6471)], trnG [9692..9714], trnG [10434..10481], atpF [complement(12566..12973)], atpF [complement(13729..13887)], rpoC1 [complement(21550..23175)], rpoC1 [complement(23866..24300)], ycf3 [complement(43959..44111)], ycf3 [complement(44842..45069)], ycf3 [complement(45799..45924)], trnL-UAA [49245..49281], trnL-UAA [49802..49850], trnV-UAC [complement(53562..53598)], trnV-UAC [complement(54188..54226)], rps12 [142036..142267], rps12 [142814..142839], clpP [complement(71546..71773)], clpP [complement(72380..72670)], clpP [complement(73526..73594)], petB [76496..76501], petB [77278..77934], petD [78133..78141], petD [78862..79386], rpl16 [complement(82818..83219)], rpl16 [complement(84292..84300)], rpl2 [complement(85988..86422)], rpl2 [complement(87084..87476)], ndhB [complement(96180..96935)], ndhB [complement(97618..98394)], trnI-GAU [103950..103991], trnI-GAU [104945..104979], trnA-UGC [105044..105081], trnA-UGC [105889..105923], ndhA [complement(121730..122269)], ndhA [complement(123365..123916)], trnA-UGC [complement(136162..136196)], trnA-UGC [complement(137004..137041)], trnI-GAU [complement(137106..137140)], trnI-GAU [complement(138094..138135)], ndhB [143691..144467], ndhB [145150..145905], rpl2 [154609..154998], rpl2 [155663..156097]	[9715..10433], atpF [complement(12974..13728)], rpoC1 [complement(23176..23865)], ycf3 [complement(44112..44841)], ycf3 [complement(45070..45798)], trnL-UAA [49282..49801], trnV-UAC [complement(53599..54187)], clpP [complement(71774..72379)], clpP [complement(72671..73525)], petB [76502..77277], petD [78142..78861], rpl16 [complement(83220..84291)], rpl2 [complement(86423..87083)], ndhB [complement(96936..97617)], trnI-GAU [103992..104944], trnA-UGC [105082..105888], ndhA [complement(122270..123364)], trnA-UGC [complement(136197..137003)], trnI-GAU [complement(137141..138093)], ndhB [144468..145149], rpl2 [154999..155662]
44.	ACGR	54	rps12 [complement(96035..96060)], rps12 [complement(96597..96828)], rps12 [complement(68524..68637)], trnK-UUU [complement(1419..1453)], trnK-UUU [complement(3954..3990)], rps16 [complement(4699..4918)], rps16 [complement(5729..5769)], trnG-UCC [8898..8921], trnG-UCC [9674..9721], atpF [complement(11573..11983)], rpoC1 [complement(20736..22354)], rpoC1 [complement(23144..23573)], ycf3 [complement(42490..42642)], trnL-UAA [47436..47470], trnL-UAA [47992..48041], trnV-UAC [complement(52037..52073)], trnV-UAC [complement(52680..52717)], rps12 [138999..139230], rps12 [139767..139792], petB [73756..73761], petB [74548..75195], rpl16 [complement(80103..80501)], rpl16 [complement(81447..81455)], rpl2 [complement(83334..83765)], trnI-GAU	trnK-UUU [complement(1454..3953)], rps16 [complement(4919..5728)], trnG-UCC [8922..9673], atpF [complement(11984..12710)], rpoC1 [complement(22355..23143)], ycf3 [complement(42643..43370)], ycf3 [complement(43599..44340)], trnL-UAA [47471..47991], trnV-UAC [complement(52074..52679)], clpP [complement(69098..69735)], clpP [complement(70028..70789)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[100758..100794], trnI-GAU [101737..101771], trnA-UGC [101840..101877], trnA-UGC [102677..102711], trnA-UGC [complement(133116..133150)], trnA-UGC [complement(133950..133987)], trnI-GAU [complement(134056..134090)], trnI-GAU [complement(135033..135069)]	[73762..74547], rpl16 [complement(80502..81446)], rpl2 [complement(83766..84431)], ndhB [complement(93721..94420)], trnI-GAU [100795..101736], trnA-UGC [101878..102676], ndhA [complement(118959..120053)], trnA-UGC [complement(133151..133949)], trnI-GAU [complement(134091..135032)], ndhB [141407..142106], rpl2 [151396..152061]
45.	ACGU	56	rps12 [complement(102862..102887)], rps12 [complement(103424..103655)], rps12 [complement(73769..73882)], trnK-UUU [complement(1833..1867)], trnK-UUU [complement(4408..4444)], trnG-GCC [8305..8327], trnG-GCC [9032..9077], atpF [complement(11740..12150)], atpF [complement(12946..13089)], rpoC1 [complement(21270..22880)], rpoC1 [complement(23662..24093)], ycf3 [complement(45037..45189)], ycf3 [complement(45899..46126)], ycf3 [complement(46858..46983)], trnL-UAA [49335..49371], trnL-UAA [49949..49997], trnV-UAC [complement(54091..54127)], trnV-UAC [complement(54735..54773)], rps12 [complement(73769..73882)], rps12 [147478..147709], rps12 [148246..148271], clpP [complement(74047..74272)], clpP [complement(74899..75191)], clpP [complement(76056..76124)], petB [79117..79122], petB [79954..80595], petD [80790..80797], petD [81586..82060], rpl16 [complement(85812..86210)], rpl16 [complement(87266..87274)], rpl2 [complement(89124..89558)], rpl2 [complement(90234..90632)], ndhB [complement(99802..100557)], ndhB [complement(101246..102022)], trnI-GAU [107652..107693], trnI-GAU [108641..108675], trnA-UGC [108740..108777], trnA-UGC [109586..109620], ndhA [complement(126443..126982)], ndhA [complement(128167..128736)], trnA-UGC [complement(141513..141547)], trnA-UGC [complement(142356..142393)], trnI-GAU [complement(142458..142492)], trnI-GAU [complement(143440..143481)], ndhB [149111..149887], ndhB	trnG-GCC [8328..9031], trnL-UAA [49372..49948], trnV-UAC [complement(54128..54734)], clpP [complement(74273..74898)], clpP [complement(75192..76055)], trnI-GAU [107694..108640], trnI-GAU [complement(142493..143439)], rpl2 [160900..161574]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[150576..151331], rpl2 [160501..160899], rpl2 [161575..162009]	
46.	ACHE	60	rps12 [complement(99734..99759)], rps12 [complement(100302..100533)], rps12 [complement(71486..71599)], trnK-UUU [complement(1751..1785)], trnK-UUU [complement(4307..4343)], trnG-GCC [9012..9034], trnG-GCC [9754..9800], atpF [complement(11791..12201)], atpF [complement(12922..13080)], rpoC1 [complement(21105..22724)], rpoC1 [complement(23459..23893)], ycf3 [complement(44565..44717)], ycf3 [complement(45473..45700)], ycf3 [complement(46421..46546)], trnL-UAA [49634..49668], trnL-UAA [50162..50211], trnV-UAC [complement(53552..53588)], trnV-UAC [complement(54179..54217)], rps12 [141574..141805], rps12 [142348..142373], clpP [complement(71760..72005)], clpP [complement(72681..72971)], clpP [complement(73822..73890)], rpl2 [complement(86423..86857)], rpl2 [complement(87520..87912)], ndhB [complement(96645..97400)], ndhB [complement(98107..98883)], trnI-GAU [104517..104558], trnI-GAU [105494..105528], trnA-UGC [105593..105630], trnA-UGC [106431..106465], ndhA [complement(121358..121897)], ndhA [complement(122905..123456)], trnA-UGC [complement(135642..135676)], trnA-UGC [complement(136477..136514)], trnI-GAU [complement(136579..136613)], trnI-GAU [complement(137549..137590)], ndhB [143224..144000], ndhB [144707..145462], rpl2 [154195..154587], rpl2 [155250..155684]	trnK-UUU [complement(1786..4306)], trnG-GCC [9035..9753], atpF [complement(12202..12921)], rpoC1 [complement(22725..23458)], ycf3 [complement(44718..45472)], ycf3 [complement(45701..46420)], trnL-UAA [49669..50161], trnV-UAC [complement(53589..54178)], clpP [complement(72006..72680)], clpP [complement(72972..73821)], rpl2 [complement(86858..87519)], ndhB [complement(97401..98106)], trnI-GAU [104559..105493], trnA-UGC [105631..106430], ndhA [complement(121898..122904)], trnA-UGC [complement(135677..136476)], trnI-GAU [complement(136614..137548)], ndhB [144001..144706], rpl2 [154588..155249]
47.	ACHR	73	rps12 [complement(102645..102670)], rps12 [complement(103207..103438)], rps12 [complement(74149..74262)], trnK-UUU [complement(1749..1783)], trnK-UUU [complement(4329..4365)], rps16 [complement(5145..5365)], rps16 [complement(6258..6297)], trnG-UCC [10312..10334], trnG-UCC [11029..11076], atpF [complement(13009..13419)], atpF [complement(14147..14290)], rpoC1 [complement(22314..23933)], rpoC1 [complement(24688..25122)], ycf3 [complement(46174..46328)], ycf3 [complement(47085..47310)], ycf3 [complement(48024..48149)], trnL-UAA [51320..51354], trnL-UAA [51862..51911], trnV-UAC [complement(56145..56181)], trnV-UAC [complement(56763..56800)], rps12 [complement(74149..74262)], rps12 [144911..145142], rps12	trnK-UUU [complement(1784..4328)], rps16 [complement(5366..6257)], trnG-UCC [10335..11028], atpF [complement(13420..14146)], rpoC1 [complement(23934..24687)], ycf3 [complement(46329..47084)], ycf3 [complement(47311..48023)], trnL-UAA [51355..51861], trnV-UAC [complement(56182..56762)], clpP [complement(74660..75300)], clpP [complement(75592..76403)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145679..145704], clpP [complement(74414..74659)], clpP [complement(75301..75591)], clpP [complement(76404..76472)], petB [79366..79371], petB [80175..80816], petD [81017..81024], petD [81748..82243], rpl16 [complement(85755..86156)], rpl16 [complement(87167..87175)], rpl2 [complement(88917..89351)], rpl2 [complement(90005..90397)], ndhB [complement(99568..100323)], ndhB [complement(101024..101800)], trnI-GAU [107433..107474], trnI-GAU [108417..108451], trnA-UGC [108516..108553], trnA-UGC [109357..109391], ndhA [complement(124525..125065)], ndhA [complement(125971..126521)], trnA-UGC [complement(138958..138992)], trnA-UGC [complement(139796..139833)], trnI-GAU [complement(139898..139932)], trnI-GAU [complement(140875..140916)], ndhB [146549..147325], ndhB [148026..148781], rpl2 [157952..158344], rpl2 [158998..159432]	[79372..80174], petD [81025..81747], rpl16 [complement(86157..87166)], rpl2 [complement(89352..90004)], ndhB [complement(100324..101023)], trnI-GAU [107475..108416], trnA-UGC [108554..109356], ndhA [complement(125066..125970)], trnA-UGC [complement(138993..139795)], trnI-GAU [complement(139933..140874)], ndhB [147326..148025], rpl2 [158345..158997]
48.	ACKO	71	rps12 [complement(100548..100573)], rps12 [complement(101110..101341)], rps12 [complement(71711..71824)], psbA [complement(157188..157425)], psbA [complement(1..824)], trnK-UUU [complement(1045..1083)], trnK-UUU [complement(3573..3609)], trnG-UCC [8874..8896], trnG-UCC [9593..9640], atpF [complement(11751..12192)], atpF [complement(12881..13035)], rpoC1 [complement(20949..22553)], rpoC1 [complement(23296..23748)], ycf3 [complement(43140..43292)], ycf3 [complement(44036..44263)], ycf3 [complement(44986..45111)], trnL-UAA [47946..47982], trnL-UAA [48495..48544], trnV-UAC [complement(52572..52608)], trnV-UAC [complement(53198..53235)], rps12 [complement(71711..71824)], rps12 [144735..144966], rps12 [145503..145528], petB [77151..77156], petB [77870..78514], petD [78711..78717], petD [79495..79970], rpl16 [complement(83583..83981)], rpl16 [complement(85027..85035)], rpl2 [complement(86679..87119)], rpl2 [complement(87781..88188)], ycf2 [90437..91319], ycf2 [91395..96172], ndhB [complement(97518..98273)], ndhB [complement(98953..99729)], trnI-GAU [105256..105297], trnI-GAU [106240..106274], trnA-UGC [106340..106377], trnA-UGC [107176..107210], ndhA [complement(122557..123095)], ndhA [complement(124189..124741)], trnA-UGC [complement(138866..138900)], trnA-UGC	psbA [complement(157426..0)], trnK-UUU [complement(1084..3572)], trnG-UCC [8897..9592], atpF [complement(12193..12880)], rpoC1 [complement(22554..23295)], ycf3 [complement(43293..44035)], ycf3 [complement(44264..44985)], trnL-UAA [47983..48494], trnV-UAC [complement(52609..53197)], petB [77157..77869], petD [78718..79494], rpl16 [complement(83982..85026)], rpl2 [complement(87120..87780)], ycf2 [91320..91394], ndhB [complement(98274..98952)], trnI-GAU [105298..106239], trnA-UGC [106378..107175], ndhA [complement(123096..124188)], trnA-UGC [complement(138901..139698)], trnI-GAU [complement(139837..140778)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(139699..139736)], trnI-GAU [complement(139802..139836)], trnI-GAU [complement(140779..140820)], ndhB [146347..147123], ndhB [147803..148558], ycf2 [complement(149904..154681)], ycf2 [complement(154757..155639)]	[147124..147802], ycf2 [complement(154682..154756)]
49.	ACKU	69	rps12 [complement(99718..99743)], rps12 [complement(100286..100517)], rps12 [complement(71453..71566)], trnK-UUU [complement(1656..1690)], trnK-UUU [complement(4218..4254)], trnG-GCC [8905..8927], trnG-GCC [9646..9693], atpF [complement(11673..12082)], atpF [complement(12812..12956)], rpoC1 [complement(20983..22593)], rpoC1 [complement(23361..23792)], ycf3 [complement(44434..44588)], ycf3 [complement(45340..45579)], ycf3 [complement(46299..46422)], trnL-UAA [49502..49536], trnL-UAA [50030..50079], trnV-UAC [complement(53418..53454)], trnV-UAC [complement(54045..54083)], rps12 [141681..141912], rps12 [142455..142480], clpP [complement(71722..71967)], clpP [complement(72641..72929)], clpP [complement(73778..73848)], petB [76740..76745], petB [77543..78184], petD [78392..78399], petD [79120..79615], rpl16 [complement(83137..83535)], rpl16 [complement(84656..84664)], rpl2 [complement(86402..86836)], rpl2 [complement(87499..87891)], ndhB [complement(96635..97390)], ndhB [complement(98091..98867)], trnI-GAU [104478..104519], trnI-GAU [105455..105489], trnA-UGC [105554..105591], trnA-UGC [106392..106426], ndhA [complement(121420..121958)], ndhA [complement(122966..123518)], trnA-UGC [complement(135772..135806)], trnA-UGC [complement(136607..136644)], trnI-GAU [complement(136709..136743)], trnI-GAU [complement(137679..137720)], ndhB [143331..144107], ndhB [144808..145563], rpl2 [154307..154699], rpl2 [155362..155796]	trnK-UUU [complement(1691..4217)], trnG-GCC [8928..9645], atpF [complement(12083..12811)], rpoC1 [complement(22594..23360)], ycf3 [complement(44589..45339)], ycf3 [complement(45580..46298)], trnL-UAA [49537..50029], trnV-UAC [complement(53455..54044)], clpP [complement(71968..72640)], clpP [complement(72930..73777)], petB [76746..77542], petD [78400..79119], rpl16 [complement(83536..84655)], rpl2 [complement(86837..87498)], ndhB [complement(97391..98090)], trnI-GAU [104520..105454], trnA-UGC [105592..106391], ndhA [complement(121959..122965)], trnA-UGC [complement(135807..136606)], trnI-GAU [complement(136744..137678)], ndhB [144108..144807], rpl2 [154700..155361]
50.	ACLA	70	rps12 [complement(99329..99354)], rps12 [complement(99901..100132)], rps12 [complement(71358..71471)], trnK-UUU [complement(1911..1945)], trnK-UUU [complement(4432..4468)], rps16 [complement(5477..5688)], rps16 [complement(6506..6545)], trnG [9732..9754], trnG [10475..10522], atpF [complement(12652..13061)], atpF [complement(13833..13980)], rpoC1 [complement(21641..23257)], rpoC1 [complement(23927..24361)], ycf3	trnK-UUU [complement(1946..4431)], rps16 [complement(5689..6505)], trnG [9755..10474], atpF [complement(13062..13832)], rpoC1 [complement(23258..23926)], ycf3 [complement(44100..44833)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43947..44099)], ycf3 [complement(44834..45063)], ycf3 [complement(45790..45916)], trnL-UAA [49243..49279], trnL-UAA [49793..49839], trnV-UAC [complement(53619..53655)], trnV-UAC [complement(54243..54281)], clpP [complement(71636..71861)], clpP [complement(72457..72752)], clpP [complement(73597..73665)], petB [76569..76574], petB [77363..78010], petD [78208..78216], petD [78963..79439], rpl16 [complement(82923..83324)], rpl16 [complement(84401..84409)], rpl2 [complement(86077..86510)], rpl2 [complement(87172..87565)], ndhB [complement(96263..97020)], ndhB [complement(97700..98477)], trnI-GAU [104031..104072], trnI-GAU [105025..105059], trnA-UGC [105124..105161], trnA-UGC [105969..106003], ndhA [complement(121794..122332)], ndhA [complement(123423..123978)], trnA-UGC [complement(136226..136260)], trnA-UGC [complement(137068..137105)], trnI-GAU [complement(137170..137204)], trnI-GAU [complement(138157..138198)], ndhB [143752..144526], ndhB [145209..145966], rpl2 [154664..155056], rpl2 [155682..156152]	[complement(45064..45789)], trnL-UAA [49280..49792], trnV-UAC [complement(53656..54242)], clpP [complement(71862..72456)], clpP [complement(72753..73596)], petB [76575..77362], petD [78217..78962], rpl16 [complement(83325..84400)], rpl2 [complement(86511..87171)], ndhB [complement(97021..97699)], trnI-GAU [104073..105024], trnA-UGC [105162..105968], ndhA [complement(122333..123422)], trnA-UGC [complement(136261..137067)], trnI-GAU [complement(137205..138156)], ndhB [144527..145208], rpl2 [155057..155681]
51.	ACLI	70	rps12 [complement(104587..104612)], rps12 [complement(105149..105380)], rps12 [complement(75947..76060)], trnK-UUU [complement(1850..1884)], trnK-UUU [complement(4436..4472)], trnG-UCC [10149..10171], trnG-UCC [10891..10939], atpF [complement(13403..13809)], atpF [complement(14542..14686)], rpoC1 [complement(23178..24803)], rpoC1 [complement(25609..26040)], ycf3 [complement(46764..46916)], ycf3 [complement(47677..47904)], ycf3 [complement(48634..48759)], trnL-UAA [51633..51667], trnL-UAA [52211..52260], trnV-UAC [complement(56110..56144)], trnV-UAC [complement(56753..56791)], rps12 [complement(75947..76060)], rps12 [161596..161827], rps12 [162364..162389], clpP1 [complement(76175..76441)], clpP1 [complement(77278..77572)], clpP1 [complement(78196..78266)], petB [81119..81124], petB [81927..82568], petD [82784..82791], petD [83541..84015], rpl16 [complement(87685..88083)], rpl16 [complement(89223..89231)], rpl2 [complement(90898..91331)], rpl2 [complement(91988..92378)], ndhB [complement(101528..102283)], ndhB	trnK-UUU [complement(1885..4435)], trnG-UCC [10172..10890], atpF [complement(13810..14541)], rpoC1 [complement(24804..25608)], ycf3 [complement(46917..47676)], ycf3 [complement(47905..48633)], trnL-UAA [51668..52210], trnV-UAC [complement(56145..56752)], clpP1 [complement(76442..77277)], clpP1 [complement(77573..78195)], petB [81125..81926], petD [82792..83540], rpl16 [complement(88084..89222)], rpl2 [complement(91332..91987)], ndhB [complement(102284..102969)], trnI-GAU [109381..110333], trnA-UGC [110471..111277], ndhA [124628..126094],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(102970..103746)], trnI-GAU [109344..109380], trnI-GAU [110334..110368], trnA-UGC [110433..110470], trnA-UGC [111278..111312], ndhA [124076..124627], ndhA [126095..126634], ndhA [complement(140342..140881)], ndhA [complement(142349..142900)], trnA-UGC [complement(155664..155698)], trnA-UGC [complement(156506..156543)], trnI-GAU [complement(156608..156642)], trnI-GAU [complement(157596..157632)], ndhB [163230..164006], ndhB [164693..165448]	ndhA [complement(140882..142348)], trnA-UGC [complement(155699..156505)], trnI-GAU [complement(156643..157595)], ndhB [164007..164692]
52.	ACLO	66	rps12 [complement(99684..99709)], rps12 [complement(100252..100483)], rps12 [complement(71670..71783)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4299..4335)], trnG-GCC [7814..7836], trnG-GCC [8582..8629], atpF [complement(10608..11017)], atpF [complement(11751..11895)], rpoC1 [complement(19973..21583)], rpoC1 [complement(22339..22770)], ycf3 [complement(43570..43722)], ycf3 [complement(44483..44712)], ycf3 [complement(45440..45563)], trnL [complement(48616..48650)], trnL [complement(49144..49193)], trnV-UAC [complement(53523..53559)], trnV-UAC [complement(54155..54193)], rps12 [141508..141739], rps12 [142282..142307], clpP [complement(71942..72187)], clpP [complement(72847..73138)], clpP [complement(73967..74037)], petB [76931..76936], petB [77736..78377], petD [78584..78591], petD [79294..79789], rpl16 [complement(83337..83735)], rpl16 [complement(84788..84796)], rpl2 [complement(86529..86962)], rpl2 [complement(87628..88018)], trnI-GAU [104448..104489], trnI-GAU [105425..105459], trnA-UGC [105524..105561], trnA-UGC [106362..106396], ndhA [complement(121258..121796)], ndhA [complement(122799..123351)], trnA-UGC [complement(135595..135629)], trnA-UGC [complement(136430..136467)], trnI-GAU [complement(136532..136566)], trnI-GAU [complement(137502..137543)], ndhB [143158..143934], ndhB [144635..145390], rpl2 [153973..154363], rpl2 [155029..155462]	trnK-UUU [complement(1776..4298)], trnG-GCC [7837..8581], atpF [complement(11018..11750)], rpoC1 [complement(21584..22338)], ycf3 [complement(43723..44482)], ycf3 [complement(44713..45439)], trnL [complement(48651..49143)], trnV-UAC [complement(53560..54154)], clpP [complement(72188..72846)], clpP [complement(73139..73966)], petB [76937..77735], petD [78592..79293], rpl16 [complement(83736..84787)], rpl2 [complement(86963..87627)], trnI-GAU [104490..105424], trnA-UGC [105562..106361], ndhA [complement(121797..122798)], trnA-UGC [complement(135630..136429)], trnI-GAU [complement(136567..137501)], ndhB [143935..144634], rpl2 [154364..155028]
53.	ACMI	72	rps12 [complement(99662..99687)], rps12 [complement(100236..100467)], rps12 [complement(71689..71802)], trnK-UUU [complement(1822..1856)], trnK-UUU [complement(4343..4379)], rps16 [complement(5284..5495)], rps16	trnK-UUU [complement(1857..4342)], rps16 [complement(5496..6302)], trnG [9599..10317], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6303..6342)], trnG [9576..9598], trnG [10318..10366], atpF [complement(12454..12864)], atpF [complement(13620..13778)], rpoC1 [complement(21443..23068)], rpoC1 [complement(23749..24183)], ycf3 [complement(43849..44001)], ycf3 [complement(44735..44962)], ycf3 [complement(45688..45816)], trnL-UAA [49178..49214], trnL-UAA [49728..49776], trnV-UAC [complement(53591..53627)], trnV-UAC [complement(54217..54255)], rps12 [142456..142687], rps12 [143236..143261], clpP [complement(71967..72194)], clpP [complement(72789..73079)], clpP [complement(73931..73999)], petB [76909..76914], petB [77687..78343], petD [78542..78550], petD [79253..79777], rpl16 [complement(83275..83676)], rpl16 [complement(84728..84736)], rpl2 [complement(86404..86838)], rpl2 [complement(87500..87892)], ndhB [complement(96596..97351)], ndhB [complement(98034..98810)], trnI-GAU [104381..104422], trnI-GAU [105376..105410], trnA-UGC [105475..105512], trnA-UGC [106320..106354], ndhA [complement(122137..122676)], ndhA [complement(123778..124329)], trnA-UGC [complement(136569..136603)], trnA-UGC [complement(137411..137448)], trnI-GAU [complement(137513..137547)], trnI-GAU [complement(138501..138542)], ndhB [144113..144889], ndhB [145572..146327], rpl2 [155031..155420], rpl2 [156085..156519]	[complement(12865..13619)], rpoC1 [complement(23069..23748)], ycf3 [complement(44002..44734)], ycf3 [complement(44963..45687)], trnL-UAA [49215..49727], trnV-UAC [complement(53628..54216)], clpP [complement(72195..72788)], clpP [complement(73080..73930)], petB [76915..77686], petD [78551..79252], rpl16 [complement(83677..84727)], rpl2 [complement(86839..87499)], ndhB [complement(97352..98033)], trnI-GAU [104423..105375], trnA-UGC [105513..106319], ndhA [complement(122677..123777)], trnA-UGC [complement(136604..137410)], trnI-GAU [complement(137548..138500)], ndhB [144890..145571], rpl2 [155421..156084]
54.	ACM L	27	rps12 [complement(96288..96316)], rps12 [complement(96849..97080)], rps16 [complement(5215..5431)], rps16 [complement(6289..6329)], rpoC1 [17629..19269], atpF [27249..27392], atpF [28100..28510], rps12 [137296..137324], petB [73736..73737], petB [74677..75319], ndhB [complement(93313..94068)], ndhA [114107..114658], ndhA [115699..116238], ndhB [139544..140299]	rps16 [complement(5432..6288)], rpoC1 [16895..17628], atpF [27393..28099], ycf3 [complement(42551..43294)], ycf3 [complement(43523..44219)], clpP [complement(69207..69822)], clpP [complement(70117..70919)], petB [73738..74676], rpl2 [complement(83733..84394)], ndhB [complement(94069..94738)], ndhA [114659..115698], ndhB [138874..139543], rpl2 [149213..149880]
55.	ACM	69	rps12 [complement(99662..99687)], rps12 [complement(100230..100461)],	trnK-UUU [complement(1681..4199)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	N		rps12 [complement(71393..71506)], trnK-UUU [complement(1646..1680)], trnK-UUU [complement(4200..4236)], trnG-GCC [8814..8836], trnG-GCC [9557..9604], atpF [complement(11584..11993)], atpF [complement(12728..12872)], rpoC1 [complement(20880..22517)], rpoC1 [complement(23289..23720)], ycf3 [complement(44363..44517)], ycf3 [complement(45269..45508)], ycf3 [complement(46227..46350)], trnL-UAA [49432..49466], trnL-UAA [49960..50009], trnV-UAC [complement(53346..53382)], trnV-UAC [complement(53973..54011)], rps12 [141520..141751], rps12 [142294..142319], clpP [complement(71665..71910)], clpP [complement(72584..72872)], clpP [complement(73719..73789)], petB [76681..76686], petB [77484..78125], petD [78340..78347], petD [79063..79558], rpl16 [complement(83076..83474)], rpl16 [complement(84613..84621)], rpl2 [complement(86359..86793)], rpl2 [complement(87456..87848)], ndhB [complement(96579..97334)], ndhB [complement(98035..98811)], trnI-GAU [104422..104463], trnI-GAU [105399..105433], trnA-UGC [105498..105535], trnA-UGC [106336..106370], ndhA [complement(121296..121834)], ndhA [complement(122835..123387)], trnA-UGC [complement(135611..135645)], trnA-UGC [complement(136446..136483)], trnI-GAU [complement(136548..136582)], trnI-GAU [complement(137518..137559)], ndhB [143170..143946], ndhB [144647..145402], rpl2 [154133..154525], rpl2 [155188..155622]	GCC [8837..9556], atpF [complement(11994..12727)], rpoC1 [complement(22518..23288)], ycf3 [complement(44518..45268)], ycf3 [complement(45509..46226)], trnL-UAA [49467..49959], trnV-UAC [complement(53383..53972)], clpP [complement(71911..72583)], clpP [complement(72873..73718)], petB [76687..77483], petD [78348..79062], rpl16 [complement(83475..84612)], rpl2 [complement(86794..87455)], ndhB [complement(97335..98034)], trnI-GAU [104464..105398], trnA-UGC [105536..106335], ndhA [complement(121835..122834)], trnA-UGC [complement(135646..136445)], trnI-GAU [complement(136583..137517)], ndhB [143947..144646], rpl2 [154526..155187]
56.	ACM O	72	rps12 [complement(99650..99675)], rps12 [complement(100222..100453)], rps12 [complement(71634..71747)], trnK-UUU [complement(1812..1846)], trnK-UUU [complement(4340..4376)], rps16 [complement(5393..5602)], rps16 [complement(6414..6452)], trnG [9732..9754], trnG [10475..10522], atpF [complement(12625..13032)], atpF [complement(13808..13966)], rpoC1 [complement(21630..23255)], rpoC1 [complement(23922..24356)], ycf3 [complement(44091..44243)], ycf3 [complement(44996..45223)], ycf3 [complement(45952..46077)], trnL-UAA [49443..49479], trnL-UAA [49994..50042], trnV-UAC [complement(53840..53876)], trnV-UAC [complement(54467..54505)], rps12 [142400..142631], rps12 [143178..143203], clpP [complement(71912..72139)], clpP	trnK-UUU [complement(1847..4339)], rps16 [complement(5603..6413)], trnG [9755..10474], atpF [complement(13033..13807)], rpoC1 [complement(23256..23921)], ycf3 [complement(44244..44995)], ycf3 [complement(45224..45951)], trnL-UAA [49480..49993], trnV-UAC [complement(53877..54466)], clpP [complement(72140..72746)], clpP [complement(73038..73892)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72747..73037)], clpP [complement(73893..73961)], petB [76876..76881], petB [77664..78320], petD [78519..78527], petD [79216..79740], rpl16 [complement(83225..83626)], rpl16 [complement(84696..84704)], rpl2 [complement(86402..86836)], rpl2 [complement(87498..87890)], ndhB [complement(96584..97339)], ndhB [complement(98022..98798)], trnI-GAU [104343..104384], trnI-GAU [105337..105371], trnA-UGC [105436..105473], trnA-UGC [106281..106315], ndhA [complement(122143..122682)], ndhA [complement(123780..124331)], trnA-UGC [complement(136538..136572)], trnA-UGC [complement(137380..137417)], trnI-GAU [complement(137482..137516)], trnI-GAU [complement(138469..138510)], ndhB [144055..144831], ndhB [145514..146269], rpl2 [154963..155352], rpl2 [156017..156451]	[76882..77663], petD [78528..79215], rpl16 [complement(83627..84695)], rpl2 [complement(86837..87497)], ndhB [complement(97340..98021)], trnI-GAU [104385..105336], trnA-UGC [105474..106280], ndhA [complement(122683..123779)], trnA-UGC [complement(136573..137379)], trnI-GAU [complement(137517..138468)], ndhB [144832..145513], rpl2 [155353..156016]
57.	ACNI	55	rps12 [complement(100387..100412)], rps12 [complement(100949..101180)], rps12 [complement(72555..72668)], trnK-UUU [complement(1834..1868)], trnK-UUU [complement(4381..4417)], rps16 [complement(5165..5390)], rps16 [complement(6261..6301)], trnG-UCC [8964..8986], trnG-UCC [9696..9743], atpF [complement(11654..12063)], atpF [complement(12828..12972)], rpoC1 [complement(20596..22206)], rpoC1 [complement(22968..23399)], ycf3 [complement(43530..43682)], ycf3 [complement(44459..44686)], ycf3 [complement(45455..45580)], trnL-UAA [48801..48837], trnL-UAA [49415..49464], trnV-UAC [complement(53413..53447)], trnV-UAC [complement(54043..54081)], clpP [complement(72804..73031)], clpP [complement(73643..73934)], clpP [complement(74868..74938)], petB [77912..77917], petB [78679..79320], petD [79525..79532], petD [80284..80758], rpl16 [complement(84215..84613)], rpl16 [complement(85658..85666)], ndhB [complement(97344..98099)], ndhB [complement(98768..99544)], trnI-GAU [104794..104830], trnI-GAU [105777..105811], trnA-UGC [105882..105919], trnA-UGC [106748..106782], ndhA [complement(123686..124224)], ndhA [complement(125340..125892)]	trnK-UUU [complement(1869..4380)], rps16 [complement(5391..6260)], trnG-UCC [8987..9695], atpF [complement(12064..12827)], rpoC1 [complement(22207..22967)], ycf3 [complement(43683..44458)], ycf3 [complement(44687..45454)], trnL-UAA [48838..49414], trnV-UAC [complement(53448..54042)], clpP [complement(73032..73642)], clpP [complement(73935..74867)], petB [77918..78678], petD [79533..80283], rpl16 [complement(84614..85657)], ndhB [complement(98100..98767)], trnI-GAU [104831..105776], trnA-UGC [105920..106747], ndhA [complement(124225..125339)]
58.	ACOB	22	rps12 [141244..141269]	trnK-UUU [complement(1658..4196)], rps16 [complement(4855..5729)], trnG-UCC [8889..9592], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12040..12859)], rpoC1 [complement(22255..23021)], ycf3 [complement(43074..43856)], ycf3 [complement(44087..44862)], trnL-UAA [48029..48595], trnV-UAC [complement(52395..53003)], clpP [complement(71299..71919)], clpP [complement(72212..73060)], petB [76018..76836], petD [77711..78487], rpl16 [complement(82890..83828)], ndhB [complement(95952..96619)], trnI-GAU [102657..103600], trnA-UGC [103744..104573], ndhA [complement(120958..122010)], trnA-UGC [complement(134925..135754)], trnI-GAU [complement(135898..136841)], ndhB [142879..143546]
59.	ACPA	70	rps12 [complement(99750..99775)], rps12 [complement(100321..100552)], rps12 [complement(71806..71919)], trnK-UUU [complement(1915..1949)], trnK-UUU [complement(4450..4486)], rps16 [complement(5508..5717)], rps16 [complement(6534..6572)], trnG [9849..9872], trnG [10592..10639], atpF [complement(12743..13150)], atpF [complement(13911..14069)], rpoC1 [complement(21712..23349)], rpoC1 [complement(24057..24491)], ycf3 [complement(44218..44370)], ycf3 [complement(45103..45330)], ycf3 [complement(46057..46185)], trnL-UAA [49547..49583], trnL-UAA [50097..50145], trnV-UAC [complement(53926..53962)], trnV-UAC [complement(54550..54588)], clpP [complement(72084..72311)], clpP [complement(72914..73204)], clpP [complement(74058..74126)], petB [77054..77059], petB [77850..78497], petD [78696..78704], petD [79380..79904], rpl16 [complement(83372..83773)], rpl16 [complement(84825..84833)], rpl2 [complement(86492..86926)], rpl2 [complement(87588..87980)], ndhB [complement(96684..97439)], ndhB	trnK-UUU [complement(1950..4449)], rps16 [complement(5718..6533)], trnG [9873..10591], atpF [complement(13151..13910)], rpoC1 [complement(23350..24056)], ycf3 [complement(44371..45102)], ycf3 [complement(45331..46056)], trnL-UAA [49584..50096], trnV-UAC [complement(53963..54549)], clpP [complement(72312..72913)], clpP [complement(73205..74057)], petB [77060..77849], petD [78705..79379], rpl16 [complement(83774..84824)], rpl2 [complement(86927..87587)], ndhB [complement(97440..98121)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98122..98898)], trnI-GAU [104452..104493], trnI-GAU [105446..105480], trnA-UGC [105545..105582], trnA-UGC [106390..106424], ndhA [complement(122311..122850)], ndhA [complement(123957..124508)], trnA-UGC [complement(136773..136807)], trnA-UGC [complement(137615..137652)], trnI-GAU [complement(137717..137751)], trnI-GAU [complement(138704..138745)], ndhB [144299..145075], ndhB [145758..146513], rpl2 [155217..155609], rpl2 [156271..156705]	[104494..105445], trnA-UGC [105583..106389], ndhA [complement(122851..123956)], trnA-UGC [complement(136808..137614)], trnI-GAU [complement(137752..138703)], ndhB [145076..145757], rpl2 [155610..156270]
60.	ACPB	55	rps12 [complement(100287..100312)], rps12 [complement(100849..101080)], rps12 [complement(72455..72568)], trnK-UUU [complement(1834..1868)], trnK-UUU [complement(4381..4417)], rps16 [complement(5150..5375)], rps16 [complement(6246..6286)], trnG-UCC [8825..8847], trnG-UCC [9557..9604], atpF [complement(11515..11924)], atpF [complement(12689..12833)], rpoC1 [complement(20457..22067)], rpoC1 [complement(22829..23260)], ycf3 [complement(43348..43500)], ycf3 [complement(44277..44504)], ycf3 [complement(45273..45398)], trnL-UAA [48701..48737], trnL-UAA [49315..49364], trnV-UAC [complement(53313..53347)], trnV-UAC [complement(53943..53981)], clpP [complement(72704..72931)], clpP [complement(73543..73834)], clpP [complement(74768..74838)], petB [77812..77817], petB [78579..79220], petD [79425..79432], petD [80184..80658], rpl16 [complement(84115..84513)], rpl16 [complement(85558..85566)], ndhB [complement(97244..97999)], ndhB [complement(98668..99444)], trnI-GAU [104694..104730], trnI-GAU [105677..105711], trnA-UGC [105782..105819], trnA-UGC [106648..106682], ndhA [complement(123586..124124)], ndhA [complement(125240..125792)]	trnK-UUU [complement(1869..4380)], rps16 [complement(5376..6245)], trnG-UCC [8848..9556], atpF [complement(11925..12688)], rpoC1 [complement(22068..22828)], ycf3 [complement(43501..44276)], ycf3 [complement(44505..45272)], trnL-UAA [48738..49314], trnV-UAC [complement(53348..53942)], clpP [complement(72932..73542)], clpP [complement(73835..74767)], petB [77818..78578], petD [79433..80183], rpl16 [complement(84514..85557)], ndhB [complement(98000..98667)], trnI-GAU [104731..105676], trnA-UGC [105820..106647], ndhA [complement(124125..125239)]
61.	ACPO	65	psbA [complement(156346..156583)], psbA [complement(1..824)], trnK-UUU [complement(1045..1083)], trnK-UUU [complement(3589..3625)], rps16 [complement(4350..4575)], rps16 [complement(5451..5488)], trnG-UCC [8909..8931], trnG-UCC [9628..9675], atpF [complement(11821..12230)], atpF [complement(12950..13094)], rpoC1 [complement(21020..22624)], rpoC1 [complement(23373..23825)], ycf3 [complement(43212..43364)], ycf3 [complement(44109..44336)], ycf3 [complement(45054..45179)], trnL-UAA [48024..48060], trnL-UAA [48565..48614], trnV-UAC	psbA [complement(156584..0)], trnK-UUU [complement(1084..3588)], rps16 [complement(4576..5450)], trnG-UCC [8932..9627], atpF [complement(12231..12949)], rpoC1 [complement(22625..23372)], ycf3 [complement(43365..44108)], ycf3 [complement(44337..45053)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52641..52677)], trnV-UAC [complement(53267..53305)], rps12 [complement(71758..71871)], rps12 [144076..144307], rps12 [144844..144869], petB [77023..77028], petB [77791..78435], petD [78627..78634], petD [79412..79886], rpl16 [complement(83493..83891)], rpl16 [complement(84939..84947)], rpl2 [complement(86584..87024)], rpl2 [complement(87689..88108)], ndhB [complement(97253..98008)], ndhB [complement(98688..99464)], trnI-GAU [105017..105058], trnI-GAU [106001..106035], trnA-UGC [106100..106137], trnA-UGC [106936..106970], ndhA [complement(122037..122575)], ndhA [complement(123665..124217)], trnA-UGC [complement(138182..138216)], trnA-UGC [complement(139015..139052)], trnI-GAU [complement(139117..139151)], trnI-GAU [complement(140094..140135)], ndhB [145688..146464], ndhB [147144..147899]	[48061..48564], trnV-UAC [complement(52678..53266)], petB [77029..77790], petD [78635..79411], rpl16 [complement(83892..84938)], rpl2 [complement(87025..87688)], ndhB [complement(98009..98687)], trnI-GAU [105059..106000], trnA-UGC [106138..106935], ndhA [complement(122576..123664)], trnA-UGC [complement(138217..139014)], trnI-GAU [complement(139152..140093)], ndhB [146465..147143]
62.	ACPS	66	rps12 [complement(99901..99926)], rps12 [complement(100469..100700)], rps12 [complement(71906..72019)], trnK-UUU [complement(1759..1793)], trnK-UUU [complement(4318..4354)], trnG-UCC [7833..7855], trnG-UCC [8598..8645], atpF [complement(10642..11051)], atpF [complement(11783..11927)], rpoC1 [complement(19976..21610)], rpoC1 [complement(22366..22797)], ycf3 [complement(43583..43735)], ycf3 [complement(44495..44724)], ycf3 [complement(45453..45576)], trnL-UAA [complement(48638..48672)], trnL-UAA [complement(49172..49221)], trnV-UAC [complement(53488..53524)], trnV-UAC [complement(54120..54158)], rps12 [141612..141843], rps12 [142386..142411], clpP [complement(72178..72423)], clpP [complement(73073..73364)], clpP [complement(74196..74266)], petB [77160..77165], petB [77965..78606], petD [78813..78820], petD [79523..80018], rpl16 [complement(83566..83964)], rpl16 [complement(85008..85016)], rpl2 [complement(86746..87179)], rpl2 [complement(87845..88235)], trnI-GAU [104665..104706], trnI-GAU [105642..105676], trnA-UGC [105741..105778], trnA-UGC [106579..106613], ndhA [complement(121370..121908)], ndhA [complement(122913..123465)], trnA-UGC [complement(135699..135733)], trnA-UGC [complement(136534..136571)], trnI-GAU [complement(136636..136670)],	trnK-UUU [complement(1794..4317)], trnG-UCC [7856..8597], atpF [complement(11052..11782)], rpoC1 [complement(21611..22365)], ycf3 [complement(43736..44494)], ycf3 [complement(44725..45452)], trnL-UAA [complement(48673..49171)], trnV-UAC [complement(53525..54119)], clpP [complement(72424..73072)], clpP [complement(73365..74195)], petB [77166..77964], petD [78821..79522], rpl16 [complement(83965..85007)], rpl2 [complement(87180..87844)], trnI-GAU [104707..105641], trnA-UGC [105779..106578], ndhA [complement(121909..122912)], trnA-UGC [complement(135734..136533)], trnI-GAU [complement(136671..137605)], ndhB [144039..144738], rpl2 [154468..155132]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137606..137647)], ndhB [143262..144038], ndhB [144739..145494], rpl2 [154077..154467], rpl2 [155133..155566]	
63.	ACPU	42	rps12 [complement(92103..92131)], rps12 [complement(92672..92903)], rps12 [complement(70025..70138)], trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3936..3973)], trnG-UCC [complement(13621..13668)], trnG-UCC [complement(14342..14364)], trnL-UAA [49233..49267], trnL-UAA [49808..49857], trnV-UAC [complement(53275..53311)], trnV-UAC [complement(53908..53946)], petB [74688..75329], trnI-GAU [96728..96769], trnI-GAU [97715..97749], trnA-UGC [97815..97852], trnA-UGC [98664..98698], trnA-UGC [complement(124273..124307)], trnA-UGC [complement(125119..125156)], trnI-GAU [complement(125222..125256)], trnI-GAU [complement(126202..126243)], ndhB [131697..132473], ndhB [133186..133941]	trnK-UUU [complement(1422..3935)], rps16 [complement(4748..5576)], trnG-UCC [complement(13669..14341)], atpF [35499..36324], ycf3 [complement(44654..45377)], ycf3 [complement(45606..46345)], trnL-UAA [49268..49807], trnV-UAC [complement(53312..53907)], petB [73871..74687], petD [75526..76274], rpl16 [complement(80777..81867)], rpl2 [complement(84290..84949)], ndhB [complement(89786..90497)], trnI-GAU [96770..97714], trnA-UGC [97853..98663], ndhA [complement(115332..116357)], trnA-UGC [complement(124308..125118)], trnI-GAU [complement(125257..126201)], ndhB [132474..133185], rpl2 [138022..138681]
64.	ACRU	68	rps12 [complement(100208..100233)], rps12 [complement(100770..101001)], rps12 [complement(71599..71712)], psbA [complement(156246..156543)], psbA [complement(1..764)], trnK-UUU [complement(985..1023)], trnK-UUU [complement(3513..3549)], rps16 [complement(4272..4496)], rps16 [complement(5369..5410)], trnG-UCC [8834..8856], trnG-UCC [9546..9593], atpF [complement(11747..12157)], atpF [complement(12884..13027)], rpoC1 [complement(21004..22617)], rpoC1 [complement(23354..23788)], ycf3 [complement(43206..43358)], ycf3 [complement(44102..44329)], ycf3 [complement(45044..45169)], trnL-UAA [48002..48038], trnL-UAA [48543..48592], trnV-UAC [complement(52598..52634)], trnV-UAC [complement(53224..53261)], rps12 [complement(71599..71712)], rps12 [143979..144210], rps12 [144747..144772], petB [76979..76984], petB [77740..78381], petD [78572..78577], petD [79355..79831], rpl16	psbA [complement(156544..0)], trnK-UUU [complement(1024..3512)], rps16 [complement(4497..5368)], trnG-UCC [8857..9545], atpF [complement(12158..12883)], rpoC1 [complement(22618..23353)], ycf3 [complement(43359..44101)], ycf3 [complement(44330..45043)], trnL-UAA [48039..48542], trnV-UAC [complement(52635..53223)], petB [76985..77739], petD [78578..79354], rpl16 [complement(83824..84864)], rpl2 [complement(86962..87630)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(83422..83823)], rpl16 [complement(84865..84873)], rpl2 [complement(86521..86961)], rpl2 [complement(87631..88035)], ndhB [complement(97178..97933)], ndhB [complement(98613..99389)], TrnI-GAU [104944..104958], TrnI-GAU [105927..105961], trnA-UGC [106026..106063], trnA-UGC [106857..106891], ndhA [complement(121927..122466)], ndhA [complement(123569..124120)], trnA-UGC [complement(138089..138123)], trnA-UGC [complement(138917..138954)], trnI-GAU [complement(139019..139053)], trnI-GAU [complement(139995..140036)], ndhB [145591..146367], ndhB [147047..147802]	[complement(97934..98612)], TrnI-GAU [104959..105926], trnA-UGC [106064..106856], ndhA [complement(122467..123568)], trnA-UGC [complement(138124..138916)], trnI-GAU [complement(139054..139994)], ndhB [146368..147046]
65.	ACSI	70	rps12 [complement(101328..101353)], rps12 [complement(101896..102127)], rps12 [complement(73277..73390)], trnK-UUU [complement(1707..1741)], trnK-UUU [complement(4264..4300)], trnG-GCC [9354..9376], trnG-GCC [10113..10160], atpF [complement(12139..12545)], atpF [complement(13321..13444)], rpoC1 [complement(21504..23115)], rpoC1 [complement(23871..24298)], ycf3 [complement(45019..45173)], ycf3 [complement(45919..46158)], ycf3 [complement(46890..47013)], trnL-UAA [50081..50115], trnL-UAA [50609..50658], trnV-UAC [complement(54900..54936)], trnV-UAC [complement(55532..55570)], rps12 [complement(73277..73390)], rps12 [143163..143394], rps12 [143937..143962], clpP [complement(73548..73793)], clpP [complement(74454..74742)], clpP [complement(75573..75643)], petB [78537..78542], petB [79494..79982], petD [80189..80196], petD [80914..81409], rpl16 [complement(84951..85349)], rpl16 [complement(86429..86437)], rpl2 [complement(88173..88606)], rpl2 [complement(89272..89680)], ndhB [complement(98245..99000)], ndhB [complement(99701..100477)], trnI-GAU [106092..106133], trnI-GAU [107069..107103], trnA-UGC [107168..107205], trnA-UGC [108006..108040], ndhA [complement(122915..123453)], ndhA [complement(124455..125007)], trnA-UGC [complement(137250..137284)], trnA-UGC [complement(138085..138122)], trnI-GAU [complement(138187..138221)], trnI-GAU [complement(139157..139198)], ndhB [144813..145589], ndhB [146290..147045], rpl2 [155610..156018], rpl2 [156684..157117]	trnK-UUU [complement(1742..4263)], trnG-GCC [9377..10112], atpF [complement(12546..13320)], rpoC1 [complement(23116..23870)], ycf3 [complement(45174..45918)], ycf3 [complement(46159..46889)], trnL-UAA [50116..50608], trnV-UAC [complement(54937..55531)], clpP [complement(73794..74453)], clpP [complement(74743..75572)], petB [78543..79493], petD [80197..80913], rpl16 [complement(85350..86428)], rpl2 [complement(88607..89271)], ndhB [complement(99001..99700)], trnI-GAU [106134..107068], trnA-UGC [107206..108005], ndhA [complement(123454..124454)], trnA-UGC [complement(137285..138084)], trnI-GAU [complement(138222..139156)], ndhB [145590..146289], rpl2 [156019..156683]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
66.	ACSN	70	<p>rps12 [complement(99479..99504)], rps12 [complement(100051..100282)], rps12 [complement(71495..71608)], trnK-UUU [complement(2017..2051)], trnK-UUU [complement(4550..4586)], rps16 [complement(5559..5768)], rps16 [complement(6573..6611)], atpF [complement(12739..13146)], atpF [complement(13902..14060)], rpoC1 [complement(21709..23340)], rpoC1 [complement(24032..24466)], ycf3 [complement(44101..44253)], ycf3 [complement(44986..45215)], ycf3 [complement(45943..46069)], trnL-UAA [49387..49423], trnL-UAA [49944..49992], trnV-UAC [complement(53765..53800)], trnV-UAC [complement(54396..54434)], clpP [complement(71767..71994)], clpP [complement(72597..72887)], clpP [complement(73717..73785)], petB [76686..76691], petB [77484..78131], petD [78330..78338], petD [79059..79583], rpl16 [complement(83045..83446)], rpl16 [complement(84533..84541)], rpl2 [complement(86221..86655)], rpl2 [complement(87317..87709)], ndhB [complement(96413..97168)], ndhB [complement(97851..98627)], trnI-GAU [104188..104229], trnI-GAU [105183..105217], trnA-UGC [105282..105318], trnA-UGC [106125..106159], ccsA [116687..117200], ccsA [117288..117643], ndhA [complement(122019..122558)], ndhA [complement(123692..124243)], trnA-UGC [complement(136519..136553)], trnA-UGC [complement(137361..137398)], trnI-GAU [complement(137463..137497)], trnI-GAU [complement(138450..138491)], ndhB [144053..144829], ndhB [145512..146267], rpl2 [154971..155362], rpl2 [156024..156459]</p>	<p>trnK-UUU [complement(2052..4549)], rps16 [complement(5769..6572)], atpF [complement(13147..13901)], rpoC1 [complement(23341..24031)], ycf3 [complement(44254..44985)], ycf3 [complement(45216..45942)], trnL-UAA [49424..49943], trnV-UAC [complement(53801..54395)], clpP [complement(71995..72596)], clpP [complement(72888..73716)], petB [76692..77483], petD [78339..79058], rpl16 [complement(83447..84532)], rpl2 [complement(86656..87316)], ndhB [complement(97169..97850)], trnI-GAU [104230..105182], trnA-UGC [105319..106124], ccsA [117201..117287], ndhA [complement(122559..123691)], trnA-UGC [complement(136554..137360)], trnI-GAU [complement(137498..138449)], ndhB [144830..145511], rpl2 [155363..156023]</p>
67.	ACTE	65	<p>psbA [complement(157422..157659)], psbA [complement(1..824)], trnK-UUU [complement(1038..1076)], trnK-UUU [complement(3572..3608)], rps16 [complement(4329..4554)], rps16 [complement(5428..5465)], trnG-UCC [8917..8939], trnG-UCC [9631..9678], atpF [complement(11852..12261)], atpF [complement(12993..13137)], rpoC1 [complement(21075..22679)], rpoC1 [complement(23429..23881)], ycf3 [complement(43177..43329)], ycf3 [complement(44065..44292)], ycf3 [complement(45010..45135)], trnL-UAA [47868..47904], trnL-UAA [48409..48458], trnV-UAC [complement(52489..52525)], trnV-UAC [complement(53115..53153)], rps12 [complement(71906..72019)], rps12 [145237..145468], rps12</p>	<p>psbA [complement(157660..0)], trnK-UUU [complement(1077..3571)], rps16 [complement(4555..5427)], trnG-UCC [8940..9630], atpF [complement(12262..12992)], rpoC1 [complement(22680..23428)], ycf3 [complement(43330..44064)], ycf3 [complement(44293..45009)], trnL-UAA [47905..48408], trnV-UAC [complement(52526..53114)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146005..146030], petB [78146..78151], petB [78906..79550], petD [79746..79753], petD [80520..80994], rpl16 [complement(84498..84896)], rpl16 [complement(85935..85943)], rpl2 [complement(87587..88027)], rpl2 [complement(88692..89096)], ndhB [complement(98135..98890)], ndhB [complement(99570..100346)], trnI-GAU [105870..105911], trnI-GAU [106856..106890], trnA-UGC [106955..106992], trnA-UGC [107791..107825], ndhA [complement(123027..123565)], ndhA [complement(124651..125203)], trnA-UGC [complement(139370..139404)], trnA-UGC [complement(140203..140240)], trnI-GAU [complement(140305..140339)], trnI-GAU [complement(141284..141325)], ndhB [146849..147625], ndhB [148305..149060]	[78152..78905], petD [79754..80519], rpl16 [complement(84897..85934)], rpl2 [complement(88028..88691)], ndhB [complement(98891..99569)], trnI-GAU [105912..106855], trnA-UGC [106993..107790], ndhA [complement(123566..124650)], trnA-UGC [complement(139405..140202)], trnI-GAU [complement(140340..141283)], ndhB [147626..148304]
68.	ACTI	34	trnK-UUU [complement(1579..1616)], trnK-UUU [complement(4105..4141)], trnL-UAA [48545..48579], trnL-UAA [49047..49096], trnV-UAC [complement(53435..53471)], trnV-UAC [complement(54058..54096)], rps12 [complement(71516..71629)], rps12 [142116..142347], rps12 [142884..142909], trnI-GAU [103907..103948], trnI-GAU [104889..104923], trnI-GAU [complement(137432..137466)], trnI-GAU [complement(138407..138448)]	trnK-UUU [complement(1617..4104)], atpF [complement(11389..12075)], rpoC1 [complement(21858..22592)], ycf3 [complement(43617..44363)], ycf3 [complement(44592..45309)], trnL-UAA [48580..49046], trnV-UAC [complement(53472..54057)], clpP [complement(72042..72708)], clpP [complement(73006..73696)], petB [76653..77486], petD [78352..79082], rpl16 [complement(83460..84491)], rpl2 [complement(86675..87334)], ndhB [complement(97110..97807)], trnI-GAU [103949..104888], trnA-UGC [105026..105824], ndhA [complement(122322..123199)], trnA-UGC [complement(136531..137329)], trnI-GAU [complement(137467..138406)], ndhB [144533..145245], rpl2 [155023..155583]
69.	ACTR	72	rps12 [complement(99352..99377)], rps12 [complement(99927..100158)], rps12 [complement(71361..71474)], trnK-UUU [complement(1845..1879)],	trnK-UUU [complement(1880..4365)], rps16 [complement(5497..6303)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4366..4402)], rps16 [complement(5285..5496)], rps16 [complement(6304..6343)], trnG [9584..9606], trnG [10326..10374], atpF [complement(12462..12872)], atpF [complement(13629..13787)], rpoC1 [complement(21443..23068)], rpoC1 [complement(23750..24184)], ycf3 [complement(43902..44054)], ycf3 [complement(44789..45016)], ycf3 [complement(45742..45870)], trnL-UAA [49230..49266], trnL-UAA [49780..49828], trnV-UAC [complement(53629..53665)], trnV-UAC [complement(54256..54294)], rps12 [142123..142354], rps12 [142904..142929], clpP [complement(71639..71866)], clpP [complement(72459..72749)], clpP [complement(73599..73667)], petB [76578..76583], petB [77356..78012], petD [78218..78226], petD [78929..79453], rpl16 [complement(82950..83351)], rpl16 [complement(84404..84412)], rpl2 [complement(86094..86528)], rpl2 [complement(87190..87582)], ndhB [complement(96286..97041)], ndhB [complement(97724..98500)], trnI-GAU [104064..104105], trnI-GAU [105059..105093], trnA-UGC [105158..105195], trnA-UGC [106003..106037], ndhA [complement(121819..122358)], ndhA [complement(123459..124010)], trnA-UGC [complement(136244..136278)], trnA-UGC [complement(137086..137123)], trnI-GAU [complement(137188..137222)], trnI-GAU [complement(138176..138217)], ndhB [143781..144557], ndhB [145240..145995], rpl2 [154699..155088], rpl2 [155753..156187]	[9607..10325], atpF [complement(12873..13628)], rpoC1 [complement(23069..23749)], ycf3 [complement(44055..44788)], ycf3 [complement(45017..45741)], trnL-UAA [49267..49779], trnV-UAC [complement(53666..54255)], clpP [complement(71867..72458)], clpP [complement(72750..73598)], petB [76584..77355], petD [78227..78928], rpl16 [complement(83352..84403)], rpl2 [complement(86529..87189)], ndhB [complement(97042..97723)], trnI-GAU [104106..105058], trnA-UGC [105196..106002], ndhA [complement(122359..123458)], trnA-UGC [complement(136279..137085)], trnI-GAU [complement(137223..138175)], ndhB [144558..145239], rpl2 [155089..155752]
70.	ACVA	25	rps12 [complement(73715..73828)], rps12 [145208..145233]	trnK-UUU [complement(1814..4325)], rps16 [complement(5392..6289)], trnG-UCC [10282..10969], atpF [complement(13366..14087)], rpoC1 [complement(23883..24647)], ycf3 [complement(46091..46826)], ycf3 [complement(47056..47770)], trnL-UAA [50971..51476], trnV-UAC [complement(55769..56351)], clpP [complement(74226..74854)], clpP [complement(75144..75957)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[78927..79727], petD [80578..81300], rpl16 [complement(85696..86693)], rpl2 [complement(88880..89535)], ndhB [complement(99862..100561)], trnI-GAU [107008..107953], trnA-UGC [108091..108890], ndhA [complement(124555..125467)], trnA-UGC [complement(138526..139325)], trnI-GAU [complement(139463..140408)], ndhB [146855..147554], rpl2 [157881..158536]
71.	ACVI	60	rps12 [complement(99735..99760)], rps12 [complement(100303..100534)], rps12 [complement(71495..71608)], trnK-UUU [complement(1649..1683)], trnK-UUU [complement(4207..4243)], trnG-GCC [8935..8957], trnG-GCC [9677..9723], atpF [complement(11714..12124)], atpF [complement(12844..13002)], rpoC1 [complement(21062..22681)], rpoC1 [complement(23417..23851)], ycf3 [complement(44549..44701)], ycf3 [complement(45457..45684)], ycf3 [complement(46404..46529)], trnL-UAA [49600..49634], trnL-UAA [50124..50173], trnV-UAC [complement(53518..53554)], trnV-UAC [complement(54145..54183)], rps12 [141548..141779], rps12 [142322..142347], clpP [complement(71769..72014)], clpP [complement(72688..72978)], clpP [complement(73829..73897)], rpl2 [complement(86424..86858)], rpl2 [complement(87521..87913)], ndhB [complement(96646..97401)], ndhB [complement(98108..98884)], trnI-GAU [104518..104559], trnI-GAU [105495..105529], trnA-UGC [105594..105631], trnA-UGC [106432..106466], ndhA [complement(121331..121870)], ndhA [complement(122878..123429)], trnA-UGC [complement(135616..135650)], trnA-UGC [complement(136451..136488)], trnI-GAU [complement(136553..136587)], trnI-GAU [complement(137523..137564)], ndhB [143198..143974], ndhB [144681..145436], rpl2 [154169..154561], rpl2 [155224..155658]	trnK-UUU [complement(1684..4206)], trnG-GCC [8958..9676], atpF [complement(12125..12843)], rpoC1 [complement(22682..23416)], ycf3 [complement(44702..45456)], ycf3 [complement(45685..46403)], trnL-UAA [49635..50123], trnV-UAC [complement(53555..54144)], clpP [complement(72015..72687)], clpP [complement(72979..73828)], rpl2 [complement(86859..87520)], ndhB [complement(97402..98107)], trnI-GAU [104560..105494], trnA-UGC [105632..106431], ndhA [complement(121871..122877)], trnA-UGC [complement(135651..136450)], trnI-GAU [complement(136588..137522)], ndhB [143975..144680], rpl2 [154562..155223]
72.	ACWI	67	rps12 [complement(99429..99454)], rps12 [complement(100000..100231)], rps12 [complement(71463..71576)], trnK-UUU [complement(1895..1929)],	trnK-UUU [complement(1930..4428)], rps16 [complement(5694..6504)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4429..4465)], rps16 [complement(5482..5693)], rps16 [complement(6505..6544)], trnG [9796..9818], trnG [10539..10586], atpF [complement(12673..13082)], atpF [complement(13856..14003)], rpoC1 [complement(21650..23266)], rpoC1 [complement(23936..24370)], ycf3 [complement(44016..44168)], ycf3 [complement(44900..45129)], ycf3 [complement(45856..45982)], trnL-UAA [49310..49346], trnL-UAA [49860..49908], trnV-UAC [complement(53680..53716)], trnV-UAC [complement(54305..54343)], clpP [complement(71741..71968)], clpP [complement(72571..72861)], clpP [complement(73714..73782)], petB [76698..76703], petB [77483..78139], rpl16 [complement(83035..83436)], rpl16 [complement(84495..84503)], rpl2 [complement(86171..86604)], rpl2 [complement(87266..87659)], ndhB [complement(96363..97120)], ndhB [complement(97800..98577)], trnI-GAU [104131..104172], trnI-GAU [105125..105159], trnA-UGC [105224..105261], trnA-UGC [106069..106103], ndhA [complement(121954..122492)], ndhA [complement(123595..124150)], trnA-UGC [complement(136382..136416)], trnA-UGC [complement(137224..137261)], trnI-GAU [complement(137326..137360)], trnI-GAU [complement(138313..138354)], ndhB [143908..144682], ndhB [145365..146122], rpl2 [154826..155216], rpl2 [155881..156314]	[9819..10538], atpF [complement(13083..13855)], rpoC1 [complement(23267..23935)], ycf3 [complement(44169..44899)], ycf3 [complement(45130..45855)], trnL-UAA [49347..49859], trnV-UAC [complement(53717..54304)], clpP [complement(71969..72570)], clpP [complement(72862..73713)], petB [76704..77482], rpl16 [complement(83437..84494)], rpl2 [complement(86605..87265)], ndhB [complement(97121..97799)], trnI-GAU [104173..105124], trnA-UGC [105262..106068], ndhA [complement(122493..123594)], trnA-UGC [complement(136417..137223)], trnI-GAU [complement(137361..138312)], ndhB [144683..145364], rpl2 [155217..155880]
73.	ACW R	73	rps12 [complement(100521..100546)], rps12 [complement(101088..101316)], rps12 [complement(71738..71851)], trnK-UUU [complement(1429..1463)], trnK-UUU [complement(4084..4120)], rps16 [complement(4865..5085)], rps16 [complement(5981..6020)], trnG-UCC [9017..9039], trnG-UCC [9729..9776], atpF [complement(11727..12137)], atpF [complement(12930..13076)], rpoC1 [complement(20986..22606)], rpoC1 [complement(23348..23775)], ycf3 [complement(43014..43174)], ycf3 [complement(43911..44138)], ycf3 [complement(44855..44978)], trnL-UAA [47993..48027], trnL-UAA [48546..48595], trnV-UAC [complement(53301..53337)], trnV-UAC [complement(53931..53969)], rps12 [complement(71738..71851)], rps12 [143337..143565], rps12 [144108..144136], clpP [complement(71988..72239)], clpP [complement(72890..73181)], clpP [complement(73999..74069)], petB [76990..76995], petB [77777..78424], petD [78638..78645], petD	trnK-UUU [complement(1464..4083)], rps16 [complement(5086..5980)], trnG-UCC [9040..9728], atpF [complement(12138..12929)], rpoC1 [complement(22607..23347)], ycf3 [complement(43175..43910)], ycf3 [complement(44139..44854)], trnL-UAA [48028..48545], trnV-UAC [complement(53338..53930)], clpP [complement(72240..72889)], clpP [complement(73182..73998)], petB [76996..77776], petD [78646..79377], rpl16 [complement(83753..84849)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79378..79891], rpl16 [complement(83354..83752)], rpl16 [complement(84850..84858)], rpl2 [complement(86782..87213)], rpl2 [complement(87876..88265)], ndhB [complement(97447..98202)], ndhB [complement(98907..99683)], trnI-GAU [105289..105330], trnI-GAU [106268..106302], trnA-UGC [106367..106404], trnA-UGC [107206..107240], ndhA [complement(122838..123376)], ndhA [complement(124436..124988)], trnA-UGC [complement(137413..137447)], trnA-UGC [complement(138249..138286)], trnI-GAU [complement(138351..138385)], trnI-GAU [complement(139323..139364)], ndhB [144970..145746], ndhB [146451..147206], rpl2 [156388..156777], rpl2 [157440..157871]	[complement(87214..87875)], ndhB [complement(98203..98906)], trnI-GAU [105331..106267], trnA-UGC [106405..107205], ndhA [complement(123377..124435)], trnA-UGC [complement(137448..138248)], trnI-GAU [complement(138386..139322)], ndhB [145747..146450], rpl2 [156778..157439]
74.	ADAC	70	trnK-UUU [complement(1686..1720)], trnK-UUU [complement(4212..4248)], rps16 [complement(5176..5402)], rps16 [complement(6261..6300)], trnG-UCC [9028..9050], trnG-UCC [9750..9797], atpF [complement(11769..12179)], atpF [complement(12872..13015)], rpoC1 [complement(20832..22448)], rpoC1 [complement(23243..23674)], ycf3 [complement(42114..42266)], ycf3 [complement(42987..43216)], ycf3 [complement(43928..44051)], trnL-UAA [47051..47087], trnL-UAA [47578..47627], trnV-UAC [complement(51423..51459)], trnV-UAC [complement(52034..52071)], rps12 [complement(70029..70142)], rps12 [145679..145910], rps12 [146447..146481], clpP [complement(70316..70561)], clpP [complement(71201..71486)], clpP [complement(72219..72286)], petB [75187..75192], petB [75909..76550], petD [76756..76764], petD [77498..77971], rpl16 [complement(81650..82048)], rpl16 [complement(82704..82712)], rpl2 [complement(84389..84823)], rpl2 [complement(85516..85905)], ndhB [complement(94596..95351)], ndhB [complement(96031..96807)], trnI-GAU [102088..102129], trnI-GAU [103066..103100], trnA-UGC [103165..103202], trnA-UGC [104005..104039], ndhA [complement(124992..125531)], ndhA [complement(126490..127041)], trnA-UGC [complement(140039..140073)], trnA-UGC [complement(140876..140913)], trnI-GAU [complement(140978..141012)], trnI-GAU [complement(141949..141990)], ndhB [147271..148047], ndhB [148727..149482], rpl2 [158173..158562], rpl2 [159255..159689]	trnK-UUU [complement(1721..4211)], rps16 [complement(5403..6260)], trnG-UCC [9051..9749], atpF [complement(12180..12871)], rpoC1 [complement(22449..23242)], ycf3 [complement(42267..42986)], ycf3 [complement(43217..43927)], trnL-UAA [47088..47577], trnV-UAC [complement(51460..52033)], clpP [complement(70562..71200)], clpP [complement(71487..72218)], petB [75193..75908], petD [76765..77497], rpl16 [complement(82049..82703)], rpl2 [complement(84824..85515)], ndhB [complement(95352..96030)], trnI-GAU [102130..103065], trnA-UGC [103203..104004], ndhA [complement(125532..126489)], trnA-UGC [complement(140074..140875)], trnI-GAU [complement(141013..141948)], ndhB [148048..148726], rpl2 [158563..159254]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
75.	ADAL	48	trnK-UUU [complement(1664..1698)], trnK-UUU [complement(4178..4214)], rps16 [complement(5138..5364)], rps16 [complement(6227..6266)], trnG-UCC [9432..9454], trnG-UCC [10151..10198], atpF [complement(12176..12586)], atpF [complement(13280..13423)], rpoC1 [complement(21322..22938)], rpoC1 [complement(23726..24157)], ycf3 [complement(42593..42745)], ycf3 [complement(43469..43698)], ycf3 [complement(44419..44542)], trnL-UAA [47526..47562], trnL-UAA [48055..48104], trnV-UAC [complement(51999..52035)], trnV-UAC [complement(52610..52647)], rps12 [60655..60768], rps12 [144273..144504], rps12 [145041..145075], clpP [complement(70587..70832)], clpP [complement(71463..71748)], clpP [complement(72500..72567)], petB [75454..75459], petB [76176..76817], petD [77011..77019], petD [77754..78227], rpl16 [complement(81764..82162)], rpl16 [complement(83023..83031)], rpl2 [complement(84725..85159)], rpl2 [complement(85852..86241)], ndhB [complement(94547..95302)], ndhB [complement(95982..96758)], trnI-GAU [102076..102117], trnI-GAU [103054..103088], trnA-UGC [103153..103190], trnA-UGC [104002..104036], ndhA [complement(124201..124740)], ndhA [complement(125833..126384)], trnA-UGC [complement(138587..138621)], trnA-UGC [complement(139433..139470)], trnI-GAU [complement(139535..139569)], trnI-GAU [complement(140506..140547)], ndhB [145865..146641], ndhB [147321..148076], rpl2 [156382..156771], rpl2 [157464..157898]	trnK-UUU [complement(1699..4177)]
76.	ADAN	72	rps12 [complement(99231..99256)], rps12 [complement(99793..100024)], rps12 [complement(71188..71301)], trnK-UUU [complement(1727..1761)], trnK-UUU [complement(4281..4317)], rps16 [complement(5185..5410)], rps16 [complement(6272..6309)], trnG-GCC [9354..9376], trnG-GCC [10054..10101], atpF [complement(12139..12547)], atpF [complement(13258..13415)], rpoC1 [complement(21382..23007)], rpoC1 [complement(23752..24186)], ycf3 [complement(43410..43562)], ycf3 [complement(44300..44527)], ycf3 [complement(45247..45372)], trnL-UAA [complement(48591..48627)], trnL-UAA [complement(49136..49185)], trnV-UAC [complement(52295..52331)], trnV-UAC [complement(52918..52956)], rps12 [142064..142295], rps12 [142832..142857], clpP	trnK-UUU [complement(1762..4280)], rps16 [complement(5411..6271)], trnG-GCC [9377..10053], atpF [complement(12548..13257)], rpoC1 [complement(23008..23751)], ycf3 [complement(43563..44299)], ycf3 [complement(44528..45246)], trnL-UAA [complement(48628..49135)], trnV-UAC [complement(52332..52917)], clpP [complement(71669..72316)], clpP [complement(72608..73428)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71440..71668)], clpP [complement(72317..72607)], clpP [complement(73429..73496)], petB [76426..76431], petB [77192..77848], petD [78048..78056], petD [78793..79317], rpl16 [complement(82708..83109)], rpl16 [complement(84202..84210)], rpl2 [complement(85805..86239)], rpl2 [complement(86902..87294)], ndhB [complement(96173..96928)], ndhB [complement(97608..98384)], trnI-GAU [103970..104011], trnI-GAU [104957..104991], trnA-UGC [105056..105093], trnA-UGC [105901..105935], ndhA [complement(121639..122177)], ndhA [complement(123231..123783)], trnA-UGC [complement(136153..136187)], trnA-UGC [complement(136995..137032)], trnI-GAU [complement(137097..137131)], trnI-GAU [complement(138077..138118)], ndhB [143704..144480], ndhB [145160..145915], rpl2 [154794..155186], rpl2 [155849..156283]	[76432..77191], petD [78057..78792], rpl16 [complement(83110..84201)], rpl2 [complement(86240..86901)], ndhB [complement(96929..97607)], trnI-GAU [104012..104956], trnA-UGC [105094..105900], ndhA [complement(122178..123230)], trnA-UGC [complement(136188..136994)], trnI-GAU [complement(137132..138076)], ndhB [144481..145159], rpl2 [155187..155848]
77.	ADA U	49	trnK-UUU [complement(1691..1725)], trnK-UUU [complement(4217..4253)], rps16 [complement(5186..5412)], rps16 [complement(6271..6310)], trnG-UCC [9035..9057], trnG-UCC [9752..9799], atpF [complement(11770..12180)], atpF [complement(12873..13016)], rpoC1 [complement(20853..22469)], rpoC1 [complement(23263..23694)], ycf3 [complement(42095..42247)], ycf3 [complement(42972..43201)], ycf3 [complement(43921..44044)], trnL-UAA [47070..47106], trnL-UAA [47598..47647], trnV-UAC [complement(51455..51491)], trnV-UAC [complement(52067..52104)], rps12 [complement(70424..70537)], rps12 [145524..145755], rps12 [146292..146326], clpP [complement(70711..70956)], clpP [complement(71595..71880)], clpP [complement(72622..72689)], petB [75595..75600], petB [76317..76958], petD [77164..77172], petD [77907..78380], rpl16 [complement(82022..82420)], rpl16 [complement(83313..83321)], rpl2 [complement(84998..85432)], rpl2 [complement(86125..86514)], ndhB [complement(95013..95768)], ndhB [complement(96448..97224)], trnI-GAU [102502..102543], trnI-GAU [103480..103514], trnA-UGC [103579..103616], trnA-UGC [104428..104462], ndhA [complement(125122..125661)], ndhA [complement(126620..127171)], trnA-UGC [complement(139878..139912)], trnA-UGC [complement(140724..140761)], trnI-GAU [complement(140826..140860)],	trnK-UUU [complement(1726..4216)], ndhA [complement(125662..126619)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(141797..141838)], ndhB [147116..147892], ndhB [148572..149327], rpl2 [157828..158217], rpl2 [158910..159344]	
78.	ADBI	48	trnK-UUU [complement(1684..1718)], trnK-UUU [complement(4198..4234)], rps16 [complement(5066..5292)], rps16 [complement(6156..6195)], trnG-UCC [9355..9377], trnG-UCC [10074..10121], atpF [complement(12099..12509)], atpF [complement(13202..13345)], rpoC1 [complement(21229..22845)], rpoC1 [complement(23625..24056)], trnV-UAC [50555..50592], trnV-UAC [51168..51204], trnL-UAA [complement(55082..55131)], trnL-UAA [complement(55620..55656)], ycf3 [58611..58734], ycf3 [59451..59680], ycf3 [60402..60554], rps12 [complement(69775..69888)], rps12 [143323..143554], rps12 [144091..144125], clpP [complement(70099..70233)], clpP [complement(70875..71160)], clpP [complement(71901..71968)], petB [74835..74840], petB [75555..76196], petD [76390..76398], petD [77133..77606], rpl16 [complement(81180..81578)], rpl16 [complement(82440..82448)], rpl2 [complement(84132..84566)], rpl2 [complement(85259..85648)], ndhB [complement(93959..94714)], ndhB [complement(95394..96170)], trnI-GAU [101439..101480], trnI-GAU [102417..102451], trnA-UGC [102516..102553], trnA-UGC [103365..103399], ndhA [complement(123424..123963)], ndhA [complement(125048..125599)], trnA-UGC [complement(137686..137720)], trnA-UGC [complement(138532..138569)], trnI-GAU [complement(138634..138668)], trnI-GAU [complement(139605..139646)], ndhB [144915..145691], ndhB [146371..147126], rpl2 [155437..155826], rpl2 [156519..156953]	trnK-UUU [complement(1719..4197)]
79.	ADBR	49	trnK-UUU [complement(1690..1724)], trnK-UUU [complement(4216..4252)], rps16 [complement(5178..5404)], rps16 [complement(6263..6302)], trnG-UCC [9027..9049], trnG-UCC [9744..9791], atpF [complement(11762..12172)], atpF [complement(12866..13009)], rpoC1 [complement(20850..22466)], rpoC1 [complement(23259..23690)], ycf3 [complement(42088..42240)], ycf3 [complement(42963..43192)], ycf3 [complement(43911..44034)], trnL-UAA [47016..47052], trnL-UAA [47544..47593], trnV-UAC [complement(51410..51446)], trnV-UAC [complement(52022..52059)], rps12 [complement(70842..70955)], rps12 [145804..146035], rps12	trnK-UUU [complement(1725..4215)], ndhA [complement(126036..126998)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146572..146606], clpP [complement(71129..71374)], clpP [complement(72011..72296)], clpP [complement(73038..73105)], petB [76011..76016], petB [76733..77374], petD [77570..77578], petD [78313..78786], rpl16 [complement(82441..82839)], rpl16 [complement(83733..83741)], rpl2 [complement(85427..85861)], rpl2 [complement(86554..86943)], ndhB [complement(95482..96237)], ndhB [complement(96917..97693)], trnI-GAU [102962..103003], trnI-GAU [103940..103974], trnA-UGC [104039..104076], trnA-UGC [104888..104922], ndhA [complement(125496..126035)], ndhA [complement(126999..127550)], trnA-UGC [complement(140167..140201)], trnA-UGC [complement(141013..141050)], trnI-GAU [complement(141115..141149)], trnI-GAU [complement(142086..142127)], ndhB [147396..148172], ndhB [148852..149607], rpl2 [158146..158535], rpl2 [159228..159662]	
80.	ADCR	49	trnK-UUU [complement(1705..1739)], trnK-UUU [complement(4232..4268)], rps16 [complement(4948..5174)], rps16 [complement(6031..6070)], trnG-UCC [9242..9264], trnG-UCC [9935..9982], atpF [complement(11922..12332)], atpF [complement(13025..13168)], rpoC1 [complement(21039..22646)], rpoC1 [complement(23440..23871)], ycf3 [complement(42369..42521)], ycf3 [complement(43254..43483)], ycf3 [complement(44202..44325)], trnL-UAA [47302..47338], trnL-UAA [47830..47879], trnV-UAC [complement(51774..51810)], trnV-UAC [complement(52386..52423)], rps12 [complement(71239..71352)], rps12 [145275..145506], rps12 [146043..146077], clpP [complement(71545..71790)], clpP [complement(72429..72714)], clpP [complement(73451..73512)], petB [76382..76387], petB [77097..77738], petD [77944..77952], petD [78688..79161], rpl16 [complement(82732..83130)], rpl16 [complement(84025..84033)], rpl2 [complement(85720..86154)], rpl2 [complement(86847..87236)], ndhB [complement(95587..96342)], ndhB [complement(97022..97798)], trnI-GAU [102942..102983], trnI-GAU [103920..103954], trnA-UGC [104019..104056], trnA-UGC [104868..104902], ndhA [complement(125219..125758)], ndhA [complement(126810..127361)], trnA-UGC [complement(139763..139797)], trnA-UGC	trnK-UUU [complement(1740..4231)], trnG-UCC [9265..9934]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(140609..140646)], trnI-GAU [complement(140711..140745)], trnI-GAU [complement(141682..141723)], ndhB [146867..147643], ndhB [148323..149078], rpl2 [157429..157818], rpl2 [158511..158945]	
81.	ADDI	58	rps12 [126643..126756], rps12 [99399..99630], rps12 [100177..100202], trnK-UUU [complement(1793..1827)], trnK-UUU [complement(4356..4392)], trnG-UCC [9241..9263], trnG-UCC [9967..10014], atpF [complement(11940..12349)], atpF [complement(13096..13240)], rpl2 [15231..15600], rpl2 [16268..16698], rpl16 [18472..18480], rpl16 [19519..19938], petD [complement(24384..24861)], petD [complement(25546..25553)], petB [complement(25745..26389)], petB [complement(27181..27186)], trnL-UAA [complement(43322..43371)], trnL-UAA [complement(43877..43911)], trnV-UAC [61332..61369], trnV-UAC [61953..61987], ycf3 [82341..82464], ycf3 [83260..83489], ycf3 [84211..84363], rpoC1 [89380..89832], rpoC1 [90587..92197], rps12 [complement(162929..163042)], rps12 [100177..100202], trnI-GUA [116005..116047], trnI-GUA [116973..117007], trnA-UGC [117080..117117], trnA-UGC [117935..117969], ndhA [136505..137057], ndhA [138083..138621], ndhA [complement(151064..151602)], ndhA [complement(152628..153180)], trnA-UGC [complement(171716..171750)], trnA-UGC [complement(172568..172605)], trnI-CAU [complement(172678..172712)], trnI-CAU [complement(173638..173680)]	trnK-UUU [complement(1828..4355)], trnG-UCC [9264..9966], atpF [complement(12350..13095)], rpl2 [15601..16267], rpl16 [18481..19518], petD [complement(24862..25545)], petB [complement(26390..27180)], trnL-UAA [complement(43372..43876)], trnV-UAC [61370..61952], ycf3 [82465..83259], ycf3 [83490..84210], rpoC1 [89833..90586], trnI-GUA [116048..116972], trnA-UGC [117118..117934], ndhA [137058..138082], ndhA [complement(151603..152627)], trnA-UGC [complement(171751..172567)], trnI-CAU [complement(172713..173637)]
82.	ADD V	72	trnK-UUU [complement(1691..1725)], trnK-UUU [complement(4217..4253)], rps16 [complement(5025..5251)], rps16 [complement(6110..6149)], trnG-UCC [8635..8657], trnG-UCC [9351..9398], atpF [complement(11371..11781)], atpF [complement(12475..12618)], rpoC1 [complement(20471..22087)], rpoC1 [complement(22881..23312)], ycf3 [complement(41615..41767)], ycf3 [complement(42490..42719)], ycf3 [complement(43439..43562)], trnL-UAA [46556..46592], trnL-UAA [47083..47132], trnV-UAC [complement(50948..50984)], trnV-UAC [complement(51559..51596)], rps12 [complement(69795..69908)], rps12 [144696..144927], rps12 [145464..145498], rps12 [101200..101431], rps12 [101968..102002], clpP [complement(70082..70327)], clpP [complement(70967..71252)], clpP	trnK-UUU [complement(1726..4216)], rps16 [complement(5252..6109)], trnG-UCC [8658..9350], atpF [complement(11782..12474)], rpoC1 [complement(22088..22880)], ycf3 [complement(41768..42489)], ycf3 [complement(42720..43438)], trnL-UAA [46593..47082], trnV-UAC [complement(50985..51558)], clpP [complement(70328..70966)], clpP [complement(71253..71993)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71994..72061)], petB [74964..74969], petB [75687..76328], petD [76534..76542], petD [77277..77750], rpl16 [complement(81415..81813)], rpl16 [complement(82711..82719)], trnA-UGC [complement(95551..95585)], trnA-UGC [complement(96397..96434)], trnI-GAU [complement(96499..96533)], trnI-GAU [complement(97470..97511)], ndhB [102792..103568], ndhB [104240..104995], rpl2 [113570..113959], rpl2 [114652..115086], ndhA [complement(124441..124980)], ndhA [complement(125937..126488)], trnA-UGC [complement(139047..139081)], trnA-UGC [complement(139893..139930)], trnI-GAU [complement(139995..140029)], trnI-GAU [complement(140966..141007)], ndhB [146288..147064], ndhB [147736..148491], rpl2 [157066..157455], rpl2 [158148..158582]	[74970..75686], petD [76543..77276], rpl16 [complement(81814..82710)], trnA-UGC [complement(95586..96396)], trnI-GAU [complement(96534..97469)], ndhB [103569..104239], rpl2 [113960..114651], ndhA [complement(124981..125936)], trnA-UGC [complement(139082..139892)], trnI-GAU [complement(140030..140965)], ndhB [147065..147735], rpl2 [157456..158147]
83.	ADER	57	rps12 [120131..120244], rps12 [92092..92323], rps12 [92879..92904], trnK-UUU [complement(1791..1825)], trnK-UUU [complement(4360..4396)], trnG-UCC [9201..9223], trnG-UCC [9925..9972], atpF [complement(11899..12308)], atpF [complement(13060..13204)], rpl2 [15250..15619], rpl2 [16287..16717], rpl16 [18491..18499], rpl16 [19540..19959], petD [complement(24423..24900)], petD [complement(25585..25592)], petB [complement(25784..26428)], petB [complement(27223..27228)], trnL-UAA [38050..38084], trnL-UAA [38590..38639], trnV-UAC [complement(60784..60818)], trnV-UAC [complement(61401..61438)], ycf3 [75757..75880], ycf3 [76679..76908], ycf3 [77630..77782], rpoC1 [82129..82581], rpoC1 [83336..84943], rps12 [complement(158942..159055)], trnI-GAU [108517..108559], trnI-GAU [109486..109520], trnA-UGC [109593..109630], trnA-UGC [110447..110481], ndhA [129948..130500], ndhA [131524..132062], ndhA [complement(147124..147662)], ndhA [complement(148686..149238)], trnA-UGC [complement(168705..168739)], trnA-UGC [complement(169556..169593)], trnI-GAU [complement(169666..169700)], trnI-GAU [complement(170627..170669)]	trnK-UUU [complement(1826..4359)], trnG-UCC [9224..9924], atpF [complement(12309..13059)], rpl2 [15620..16286], rpl16 [18500..19539], petD [complement(24901..25584)], petB [complement(26429..27222)], trnL-UAA [38085..38589], trnV-UAC [complement(60819..61400)], ycf3 [75881..76678], ycf3 [76909..77629], rpoC1 [82582..83335], trnI-GAU [108560..109485], trnA-UGC [109631..110446], ndhA [130501..131523], ndhA [complement(147663..148685)], trnA-UGC [complement(168740..169555)], trnI-GAU [complement(169701..170626)]
84.	ADG A	25	trnK-UUU [complement(1788..1822)], trnK-UUU [complement(4338..4374)], trnG-UCC [8512..8534], trnG-UCC [9237..9284], trnL-UAA [47057..47091],	trnK-UUU [complement(1823..4337)], trnG-UCC [8535..9236], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnL-UAA [47623..47672], trnV-UAC [complement(50583..50619)], trnV-UAC [complement(51234..51272)], rps12 [138379..138404], trnI-GAU [101084..101120], trnI-GAU [102072..102106], trnA-UGC [102171..102208], trnA-UGC [103013..103047], trnA-UGC [complement(131938..131972)], trnA-UGC [complement(132777..132814)], trnI-GAU [complement(132879..132913)], trnI-GAU [complement(133865..133901)]	[47092..47622], trnV-UAC [complement(50620..51233)], trnI-GAU [101121..102071], trnA-UGC [102209..103012], trnA-UGC [complement(131973..132776)], trnI-GAU [complement(132914..133864)]
85.	ADH A	48	trnK-UUU [complement(1698..1732)], trnK-UUU [complement(4224..4260)], rps16 [complement(5193..5419)], rps16 [complement(6278..6317)], trnG-UCC [9034..9056], trnG-UCC [9756..9803], atpF [complement(11777..12187)], atpF [complement(12879..13022)], rpoC1 [complement(20860..22476)], rpoC1 [complement(23275..23706)], ycf3 [complement(42215..42367)], ycf3 [complement(43088..43317)], ycf3 [complement(44038..44161)], trnL-UAA [47114..47150], trnL-UAA [47642..47691], trnV-UAC [complement(51506..51542)], trnV-UAC [complement(52123..52160)], rps12 [complement(70333..70446)], rps12 [105091..105322], rps12 [105859..105893], clpP [complement(70630..70875)], clpP [complement(71514..71799)], clpP [complement(72532..72599)], petB [75501..75506], petB [76224..76865], petD [77071..77079], petD [77813..78286], rpl16 [complement(82097..82495)], rpl16 [complement(83378..83386)], rpl2 [complement(85063..85497)], rpl2 [complement(86190..86579)], trnI-GAU [96614..96655], trnI-GAU [97592..97626], trnA-UGC [97691..97728], trnA-UGC [98540..98574], ndhB [106683..107459], ndhB [108139..108894], ndhA [complement(124847..125386)], ndhA [complement(126345..126896)], ndhB [complement(134892..135647)], ndhB [complement(136327..137103)], trnA-UGC [complement(145212..145246)], trnA-UGC [complement(146058..146095)], trnI-GAU [complement(146160..146194)], trnI-GAU [complement(147131..147172)], rpl2 [157207..157596], rpl2 [158289..158723]	trnK-UUU [complement(1733..4223)]
86.	ADM A	70	trnK-UUU [complement(1691..1725)], trnK-UUU [complement(4219..4255)], rps16 [complement(5154..5380)], rps16 [complement(6238..6277)], trnV-UAC [complement(6958..6994)], trnV-UAC [complement(7568..7605)], ycf3	trnK-UUU [complement(1726..4218)], rps16 [complement(5381..6237)], trnV-UAC [complement(6995..7567)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[15348..15471], ycf3 [16193..16422], ycf3 [17145..17297], rpoC1 [35765..36196], rpoC1 [36991..38607], atpF [46458..46601], atpF [47298..47708], trnG-UCC [complement(49685..49732)], trnG-UCC [complement(50428..50450)], trnL-UAA [complement(56254..56303)], trnL-UAA [complement(56794..56830)], rps12 [complement(70439..70552)], rps12 [144956..145187], rps12 [145724..145758], clpP [complement(70723..70968)], clpP [complement(71607..71892)], clpP [complement(72640..72707)], petB [75586..75591], petB [76308..76949], petD [77143..77151], petD [77886..78359], rpl16 [complement(81994..82392)], rpl16 [complement(83275..83283)], rpl2 [complement(84962..85396)], rpl2 [complement(86089..86478)], ndhB [complement(94936..95691)], ndhB [complement(96371..97147)], trnI-GAU [102425..102466], trnI-GAU [103403..103437], trnA-UGC [103502..103539], trnA-UGC [104351..104385], ndhA [complement(124730..125269)], ndhA [complement(126347..126898)], trnA-UGC [complement(139310..139344)], trnA-UGC [complement(140156..140193)], trnI-GAU [complement(140258..140292)], trnI-GAU [complement(141229..141270)], ndhB [146548..147324], ndhB [148004..148759], rpl2 [157217..157606], rpl2 [158299..158733]	[15472..16192], ycf3 [16423..17144], rpoC1 [36197..36990], atpF [46602..47297], trnG-UCC [complement(49733..50427)], trnL-UAA [complement(56304..56793)], clpP [complement(70969..71606)], clpP [complement(71893..72639)], petB [75592..76307], petD [77152..77885], rpl16 [complement(82393..83274)], rpl2 [complement(85397..86088)], ndhB [complement(95692..96370)], trnI-GAU [102467..103402], trnA-UGC [103540..104350], ndhA [complement(125270..126346)], trnA-UGC [complement(139345..140155)], trnI-GAU [complement(140293..141228)], ndhB [147325..148003], rpl2 [157607..158298]
87.	ADMI	26	rps12 [complement(73332..73445)], trnK-UUU [complement(1779..1813)], trnK-UUU [complement(4371..4407)], trnG-UCC [9336..9358], trnG-UCC [10046..10093], trnL-UAA [50277..50311], trnL-UAA [50844..50893], trnV-UAC [complement(54577..54613)], trnV-UAC [complement(55224..55262)], rps12 [145586..145611], trnI-GAU [107099..107135], trnI-GAU [108089..108123], trnA-UGC [108188..108225], trnA-UGC [109020..109054], trnA-UGC [complement(138913..138947)], trnA-UGC [complement(139742..139779)], trnI-GAU [complement(139844..139878)], trnI-GAU [complement(140832..140868)]	trnK-UUU [complement(1814..4370)], trnG-UCC [9359..10045], trnL-UAA [50312..50843], trnV-UAC [complement(54614..55223)], trnI-GAU [107136..108088], trnA-UGC [108226..109019], trnA-UGC [complement(138948..139741)], trnI-GAU [complement(139879..140831)]
88.	ADM L	72	rps12 [complement(99186..99211)], rps12 [complement(99748..99979)], rps12 [complement(71142..71255)], trnK-UUU [complement(1727..1761)], trnK-UUU [complement(4281..4317)], rps16 [complement(5183..5408)], rps16 [complement(6270..6307)], trnG-GCC [9356..9378], trnG-GCC [10056..10103], atpF [complement(12140..12548)], atpF	trnK-UUU [complement(1762..4280)], rps16 [complement(5409..6269)], trnG-GCC [9379..10055], atpF [complement(12549..13259)], rpoC1 [complement(23009..23752)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(13260..13417)], rpoC1 [complement(21383..23008)], rpoC1 [complement(23753..24187)], ycf3 [complement(43415..43567)], ycf3 [complement(44305..44532)], ycf3 [complement(45252..45377)], trnL-UAA [complement(48594..48630)], trnL-UAA [complement(49139..49188)], trnV-UAC [complement(52296..52332)], trnV-UAC [complement(52919..52957)], rps12 [142031..142262], rps12 [142799..142824], clpP [complement(71394..71622)], clpP [complement(72272..72562)], clpP [complement(73385..73452)], petB [76382..76387], petB [77148..77804], petD [78004..78012], petD [78749..79273], rpl16 [complement(82661..83062)], rpl16 [complement(84157..84165)], rpl2 [complement(85760..86194)], rpl2 [complement(86857..87249)], ndhB [complement(96128..96883)], ndhB [complement(97563..98339)], trnI-GAU [103925..103966], trnI-GAU [104912..104946], trnA-UGC [105011..105048], trnA-UGC [105856..105890], ndhA [complement(121600..122138)], ndhA [complement(123192..123744)], trnA-UGC [complement(136120..136154)], trnA-UGC [complement(136962..136999)], trnI-GAU [complement(137064..137098)], trnI-GAU [complement(138044..138085)], ndhB [143671..144447], ndhB [145127..145882], rpl2 [154761..155153], rpl2 [155816..156250]</p>	<p>[complement(43568..44304)], ycf3 [complement(44533..45251)], trnL-UAA [complement(48631..49138)], trnV-UAC [complement(52333..52918)], clpP [complement(71623..72271)], clpP [complement(72563..73384)], petB [76388..77147], petD [78013..78748], rpl16 [complement(83063..84156)], rpl2 [complement(86195..86856)], ndhB [complement(96884..97562)], trnI-GAU [103967..104911], trnA-UGC [105049..105855], ndhA [complement(122139..123191)], trnA-UGC [complement(136155..136961)], trnI-GAU [complement(137099..138043)], ndhB [144448..145126], rpl2 [155154..155815]</p>
89.	ADM N	59	<p>rps12 [complement(101674..101705)], rps12 [complement(102242..102473)], rps12 [complement(72478..72591)], trnK-UUU [complement(1670..1698)], trnK-UUU [complement(4260..4296)], ycf3 [7446..7574], ycf3 [8294..8517], ycf3 [9235..9391], rpoC1 [30264..30695], rpoC1 [31414..33030], trnL-UAA [48235..48271], trnL-UAA [48839..48888], trnV-UAC [55404..55442], trnV-UAC [56036..56072], rps12 [complement(72478..72591)], rps12 [150068..150299], rps12 [150836..150867], petB [78013..78018], petB [78834..79475], petD [79686..79693], petD [80627..81101], rpl16 [complement(84761..85183)], rpl16 [complement(86235..86243)], rpl2 [complement(87644..88078)], rpl2 [complement(88756..89154)], ndhB [complement(98620..99375)], ndhB [complement(100054..100776)], trnI-GAU [106419..106460], trnI-GAU [107399..107433], trnA-UGC [107503..107540], trnA-UGC [108340..108374], ndhA [complement(129219..129758)], ndhA [complement(130888..131439)], trnA-</p>	<p>trnK-UUU [complement(1699..4259)], ycf3 [7575..8293], ycf3 [8518..9234], rpoC1 [30696..31413], trnL-UAA [48272..48838], trnV-UAC [55443..56035], petB [78019..78833], petD [79694..80626], rpl16 [complement(85184..86234)], rpl2 [complement(88079..88755)], ndhB [complement(99376..100053)], trnI-GAU [106461..107398], trnA-UGC [107541..108339], ndhA [complement(129759..130887)], trnA-UGC [complement(144202..145000)], trnI-GAU [complement(145143..146080)], ndhB [152488..153165], rpl2 [163786..164462]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(144167..144201)], trnA-UGC [complement(145001..145038)], trnI-GAU [complement(145108..145142)], trnI-GAU [complement(146081..146122)], ndhB [151765..152487], ndhB [153166..153921], rpl2 [163387..163785], rpl2 [164463..164897]	
90.	ADMO	69	rps12 [complement(99850..99875)], rps12 [complement(100412..100643)], rps12 [complement(71533..71646)], trnK-UUU [complement(1841..1875)], trnK-UUU [complement(4397..4433)], rps16 [complement(5324..5515)], rps16 [complement(6373..6411)], trnG [9688..9710], trnG [10415..10462], atpF [complement(12391..12801)], atpF [complement(13513..13659)], rpoC1 [complement(21448..23064)], rpoC1 [complement(23830..24282)], ycf3 [complement(43681..43833)], ycf3 [complement(44626..44853)], ycf3 [complement(45572..45697)], trnL-UAA [48385..48421], trnL-UAA [48930..48979], trnV-UAC [complement(53131..53167)], trnV-UAC [complement(53744..53781)], rps12 [142936..143167], rps12 [143704..143729], clpP [complement(71814..72041)], clpP [complement(72672..72962)], clpP [complement(73797..73865)], petB [76789..76794], petB [77567..78208], petD [78397..78405], petD [79134..79607], rpl16 [complement(83121..83519)], rpl16 [complement(84563..84571)], rpl2 [complement(86402..86836)], rpl2 [complement(87507..87899)], ndhB [complement(96800..97555)], ndhB [complement(98235..99011)], trnI-GAU [104620..104661], trnI-GAU [105603..105637], ndhA [complement(122314..122853)], ndhA [complement(123932..124483)], trnA-UGC [complement(136991..137025)], trnA-UGC [complement(137841..137878)], trnI-GAU [complement(137942..137976)], trnI-GAU [complement(138918..138959)], ndhB [144568..145344], ndhB [146024..146779], rpl2 [155680..156069], rpl2 [156743..157177]	trnK-UUU [complement(1876..4396)], rps16 [complement(5516..6372)], trnG [9711..10414], atpF [complement(12802..13512)], rpoC1 [complement(23065..23829)], ycf3 [complement(43834..44625)], ycf3 [complement(44854..45571)], trnL-UAA [48422..48929], trnV-UAC [complement(53168..53743)], clpP [complement(72042..72671)], clpP [complement(72963..73796)], petB [76795..77566], petD [78406..79133], rpl16 [complement(83520..84562)], rpl2 [complement(86837..87506)], ndhB [complement(97556..98234)], trnI-GAU [104662..105602], ndhA [complement(122854..123931)], trnA-UGC [complement(137026..137840)], trnI-GAU [complement(137977..138917)], ndhB [145345..146023], rpl2 [156070..156742]
91.	ADNO	70	trnK-UUU [complement(1685..1719)], trnK-UUU [complement(4193..4229)], rps16 [complement(5069..5295)], rps16 [complement(6153..6192)], trnG-UCC [9389..9411], trnG-UCC [10107..10154], atpF [complement(12132..12542)], atpF [complement(13235..13378)], rpoC1 [complement(21228..22844)], rpoC1 [complement(23624..24055)], trnV-UAC [51293..51330], trnV-UAC	trnK-UUU [complement(1720..4192)], rps16 [complement(5296..6152)], trnG-UCC [9412..10106], atpF [complement(12543..13234)], rpoC1 [complement(22845..23623)], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51906..51942], trnL-UAA [complement(55835..55884)], trnL-UAA [complement(56373..56409)], ycf3 [59363..59486], ycf3 [60202..60431], ycf3 [61152..61304], rps12 [complement(70483..70596)], rps12 [144060..144291], rps12 [144828..144862], clpP [complement(70770..71015)], clpP [complement(71655..71940)], clpP [complement(72688..72755)], petB [75629..75634], petB [76347..76988], petD [77182..77190], petD [77925..78398], rpl16 [complement(81948..82346)], rpl16 [complement(83207..83215)], rpl2 [complement(84898..85332)], rpl2 [complement(86025..86414)], ndhB [complement(94755..95510)], ndhB [complement(96190..96966)], trnI-GAU [102272..102313], trnI-GAU [103250..103284], trnA-UGC [103349..103386], trnA-UGC [104198..104232], ndhA [complement(124187..124726)], ndhA [complement(125811..126362)], trnA-UGC [complement(138386..138420)], trnA-UGC [complement(139232..139269)], trnI-GAU [complement(139334..139368)], trnI-GAU [complement(140305..140346)], ndhB [145652..146428], ndhB [147108..147863], rpl2 [156204..156593], rpl2 [157286..157720]	[51331..51905], trnL-UAA [complement(55885..56372)], ycf3 [59487..60201], ycf3 [60432..61151], clpP [complement(71016..71654)], clpP [complement(71941..72687)], petB [75635..76346], petD [77191..77924], rpl16 [complement(82347..83206)], rpl2 [complement(85333..86024)], ndhB [complement(95511..96189)], trnI-GAU [102314..103249], trnA-UGC [103387..104197], ndhA [complement(124727..125810)], trnA-UGC [complement(138421..139231)], trnI-GAU [complement(139369..140304)], ndhB [146429..147107], rpl2 [156594..157285]
92.	ADPD	49	trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4229..4265)], rps16 [complement(5053..5279)], rps16 [complement(6129..6168)], trnG-UCC [9351..9373], trnG-UCC [10069..10116], atpF [complement(12093..12503)], atpF [complement(13202..13345)], rpoC1 [complement(21205..22821)], rpoC1 [complement(23617..24048)], ycf3 [complement(42500..42652)], ycf3 [complement(43375..43604)], ycf3 [complement(44322..44445)], trnL-UAA [47420..47456], trnL-UAA [47947..47996], trnV-UAC [complement(51882..51918)], trnV-UAC [complement(52493..52530)], rps12 [complement(70680..70793)], rps12 [144306..144537], rps12 [145074..145108], clpP [complement(70967..71173)], clpP [complement(71813..72098)], clpP [complement(72839..72909)], petB [75812..75817], petB [76535..77176], petD [77382..77390], petD [78125..78598], rpl16 [complement(82124..82522)], rpl16 [complement(83421..83429)], rpl2 [complement(85102..85536)], rpl2 [complement(86229..86618)], ndhB [complement(95038..95793)], ndhB [complement(96473..97249)], trnI-GAU [102385..102426], trnI-GAU	trnK-UUU [complement(1737..4228)], trnG-UCC [9374..10068]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[103363..103397], trnA-UGC [103462..103499], trnA-UGC [104311..104345], ndhA [complement(124451..124990)], ndhA [complement(126083..126634)], trnA-UGC [complement(138803..138837)], trnA-UGC [complement(139649..139686)], trnI-GAU [complement(139751..139785)], trnI-GAU [complement(140722..140763)], ndhB [145898..146674], ndhB [147354..148109], rpl2 [156529..156918], rpl2 [157611..158045]	
93.	ADPE	48	rps12 [complement(98011..98045)], rps12 [complement(98582..98813)], rps12 [complement(70794..70907)], trnK-UUU [complement(1667..1701)], trnK-UUU [complement(4181..4217)], rps16 [complement(5140..5366)], rps16 [complement(6225..6264)], trnG-UCC [9400..9422], trnG-UCC [10119..10166], atpF [complement(12139..12549)], atpF [complement(13242..13385)], rpoC1 [complement(21254..22870)], rpoC1 [complement(23678..24109)], ycf3 [complement(42539..42691)], ycf3 [complement(43414..43643)], ycf3 [complement(44361..44484)], trnL-UAA [47112..47148], trnL-UAA [47640..47689], trnV-UAC [complement(51581..51617)], trnV-UAC [complement(52192..52229)], clpP [complement(71081..71326)], clpP [complement(71954..72239)], clpP [complement(72980..73047)], petB [75913..75918], petB [76634..77275], petD [77474..77482], petD [78221..78694], rpl16 [complement(82226..82624)], rpl16 [complement(83484..83492)], rpl2 [complement(85171..85605)], rpl2 [complement(86298..86687)], ndhB [complement(95010..95765)], ndhB [complement(96445..97221)], trnI-GAU [102503..102544], trnI-GAU [103482..103516], trnA-UGC [103581..103618], trnA-UGC [104430..104464], ndhA [complement(125044..125583)], ndhA [complement(126693..127244)], trnA-UGC [complement(139830..139864)], trnA-UGC [complement(140676..140713)], trnI-GAU [complement(140778..140812)], trnI-GAU [complement(141750..141791)], ndhB [147073..147849], ndhB [148529..149284], rpl2 [157607..157996], rpl2 [158689..159123]	trnK-UUU [complement(1702..4180)]
94.	ADRE	34	trnK-UUU [complement(1794..1828)], trnK-UUU [complement(4358..4394)], trnG-UCC [9297..9319], trnG-UCC [10021..10068], trnL-UAA [38034..38068], trnL-UAA [38574..38623], trnV-UAC [complement(60770..60804)], trnV-UAC [complement(61387..61424)], trnI-	trnK-UUU [complement(1829..4357)], trnG-UCC [9320..10020], atpF [complement(12403..13149)], rpl2 [15625..16291], rpl16 [18501..19538], petD

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			GAU [108211..108253], trnI-GAU [109172..109206], trnA-UGC [109279..109316], trnA-UGC [110132..110166], trnA-UGC [complement(167114..167148)], trnA-UGC [complement(167964..168001)], trnI-GAU [complement(168074..168108)], trnI-GAU [complement(169027..169069)]	[complement(24878..25561)], petB [complement(26406..27199)], trnL-UAA [38069..38573], trnV-UAC [complement(60805..61386)], ycf3 [75871..76668], ycf3 [76899..77618], rpoC1 [82253..83006], trnI-GAU [108254..109171], trnA-UGC [109317..110131], ndhA [129534..130556], ndhA [complement(146724..147746)], trnA-UGC [complement(167149..167963)], trnI-GAU [complement(168109..169026)]
95.	ADSC	25	rps12 [complement(72041..72154)], rps12 [143917..143942]	trnK-UUU [complement(1705..4224)], ycf3 [7478..8190], ycf3 [8420..9172], rpoC1 [29815..30582], atpF [40177..40917], trnG-UCC [complement(43344..44060)], rps16 [46629..47493], trnL-UAA [49631..50113], trnV-UAC [complement(54482..55068)], clpP [complement(72649..73285)], clpP [complement(73575..74410)], petB [77365..78147], petD [78991..79692], rpl16 [complement(84065..85043)], rpl2 [complement(87209..87867)], ndhB [complement(97950..98663)], trnI-GAU [105092..106038], trnA-UGC [106176..106974], ndhA [complement(123459..124572)], trnA-UGC [complement(137254..138052)], trnI-GAU [complement(138190..139136)], ndhB [145565..146278], rpl2 [156361..157019]
96.	ADST	53	trnK-UUU [complement(1790..1824)], trnK-UUU [complement(4357..4393)], trnG-UCC [9413..9435], trnG-UCC [10139..10186], atpF [complement(12112..12521)], atpF [complement(13267..13411)], rpl2	trnK-UUU [complement(1825..4356)], trnG-UCC [9436..10138], atpF [complement(12522..13266)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[15402..15771], rpl2 [16439..16869], rpl16 [18639..18647], rpl16 [19686..20105], petD [complement(24545..25022)], petD [complement(25707..25714)], petB [complement(25906..26550)], petB [complement(27342..27347)], trnL-UAA [complement(43568..43617)], trnL-UAA [complement(44123..44157)], trnV-UAC [61636..61673], trnV-UAC [62257..62291], ycf3 [83263..83386], ycf3 [84182..84411], ycf3 [85132..85284], rpoC1 [89170..89622], rpoC1 [90378..91994], rps12 [complement(147087..147200)], rps12 [99217..99448], rps12 [99995..100020], trnI-GUA [114977..115019], trnI-GUA [115946..115980], trnA-UGC [116053..116090], trnA-UGC [116892..116926], ndhA [complement(134939..135477)], ndhA [complement(136504..137056)], trnA-UGC [complement(155155..155189)], trnA-UGC [complement(155991..156028)], trnI-GUA [complement(156101..156135)], trnI-GUA [complement(157062..157104)]	[15772..16438], rpl16 [18648..19685], petD [complement(25023..25706)], petB [complement(26551..27341)], trnL-UAA [complement(43618..44122)], trnV-UAC [61674..62256], ycf3 [83387..84181], ycf3 [84412..85131], rpoC1 [89623..90377], trnI-GUA [115020..115945], trnA-UGC [116091..116891], ndhA [complement(135478..136503)], trnA-UGC [complement(155190..155990)], trnI-GUA [complement(156136..157061)]
97.	ADSU	48	trnK-UUU [complement(1691..1725)], trnK-UUU [complement(4217..4253)], rps16 [complement(5176..5402)], rps16 [complement(6262..6301)], trnG-UCC [8809..8831], trnG-UCC [9526..9573], atpF [complement(11545..11955)], atpF [complement(12654..12797)], rpoC1 [complement(20628..22244)], rpoC1 [complement(23039..23470)], ycf3 [complement(41645..41797)], ycf3 [complement(42519..42748)], ycf3 [complement(43471..43594)], trnL-UAA [46591..46627], trnL-UAA [47118..47167], trnV-UAC [complement(50982..51018)], trnV-UAC [complement(51592..51629)], rps12 [complement(69548..69661)], rps12 [142782..143013], rps12 [143550..143584], clpP [complement(69835..70080)], clpP [complement(70721..71006)], clpP [complement(71748..71815)], petB [74717..74722], petB [75441..76082], petD [76288..76296], petD [77030..77503], rpl16 [complement(81188..81586)], rpl16 [complement(82474..82482)], rpl2 [complement(84161..84595)], rpl2 [complement(85288..85677)], ndhB [complement(94601..95356)], ndhB [complement(96036..96812)], trnI-GAU [102322..102363], trnI-GAU [103300..103334], trnA-UGC [103399..103436], trnA-UGC [104248..104282], ndhA [complement(123484..124023)], ndhA [complement(125114..125665)],	trnK-UUU [complement(1726..4216)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(136904..136938)], trnA-UGC [complement(137750..137787)], trnI-GAU [complement(137852..137886)], trnI-GAU [complement(138823..138864)], ndhB [144374..145150], ndhB [145830..146585], rpl2 [155509..155898], rpl2 [156591..157025]	
98.	ADTI	72	rps12 [complement(96973..96997)], rps12 [complement(97534..97766)], rps12 [complement(69622..69735)], trnK-UUU [complement(1542..1576)], trnK-UUU [complement(4107..4143)], rps16 [complement(4912..5108)], rps16 [complement(5973..6012)], trnG-UCC [9141..9163], trnG-UCC [9855..9901], atpF [complement(11840..12241)], atpF [complement(12985..13128)], rpoC1 [complement(20892..22498)], rpoC1 [complement(23243..23693)], ycf3 [complement(43032..43186)], ycf3 [complement(43926..44151)], ycf3 [complement(44851..44976)], trnL-UAA [48066..48100], trnL-UAA [48597..48646], trnV-UAC [complement(51933..51967)], trnV-UAC [complement(52533..52571)], rps12 [140531..140763], rps12 [141300..141324], clpP [complement(69881..70111)], clpP [complement(70713..71004)], clpP [complement(71852..71922)], petB [74871..74876], petB [75635..76276], petD [76479..76486], petD [77253..77727], rpl16 [complement(81227..81625)], rpl16 [complement(82528..82536)], rpl2 [complement(84236..84669)], rpl2 [complement(85321..85711)], ndhB [complement(93937..94692)], ndhB [complement(95375..96151)], trnI-GAU [101708..101749], trnI-GAU [102692..102726], trnA-UGC [102791..102828], trnA-UGC [103640..103674], ndhA [115932..116483], ndhA [117585..118124], trnA-UGC [complement(134623..134657)], trnA-UGC [complement(135469..135506)], trnI-GAU [complement(135571..135605)], trnI-GAU [complement(136548..136589)], ndhB [142146..142922], ndhB [143605..144360], rpl2 [152586..152976], rpl2 [153628..154061]	trnK-UUU [complement(1577..4106)], rps16 [complement(5109..5972)], trnG-UCC [9164..9854], atpF [complement(12242..12984)], rpoC1 [complement(22499..23242)], ycf3 [complement(43187..43925)], ycf3 [complement(44152..44850)], trnL-UAA [48101..48596], trnV-UAC [complement(51968..52532)], clpP [complement(70112..70712)], clpP [complement(71005..71851)], petB [74877..75634], petD [76487..77252], rpl16 [complement(81626..82527)], rpl2 [complement(84670..85320)], ndhB [complement(94693..95374)], trnI-GAU [101750..102691], trnA-UGC [102829..103639], ndhA [116484..117584], trnA-UGC [complement(134658..135468)], trnI-GAU [complement(135606..136547)], ndhB [142923..143604], rpl2 [152977..153627]
99.	ADTR	70	trnK-UUU [complement(1687..1721)], trnK-UUU [complement(4212..4248)], rps16 [complement(5177..5403)], rps16 [complement(6261..6300)], trnG-UCC [9044..9066], trnG-UCC [9765..9812], atpF [complement(11784..12194)], atpF [complement(12887..13030)], rpoC1 [complement(20876..22492)], rpoC1 [complement(23287..23718)], ycf3 [complement(42140..42292)], ycf3	trnK-UUU [complement(1722..4211)], rps16 [complement(5404..6260)], trnG-UCC [9067..9764], atpF [complement(12195..12886)], rpoC1 [complement(22493..23286)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43013..43242)], ycf3 [complement(43967..44090)], trnL-UAA [47064..47100], trnL-UAA [47592..47641], trnV-UAC [complement(51480..51516)], trnV-UAC [complement(52091..52128)], rps12 [complement(70545..70658)], rps12 [146746..146977], rps12 [147514..147548], clpP [complement(70832..71077)], clpP [complement(71718..72003)], clpP [complement(72749..72816)], petB [75718..75723], petB [76440..77081], petD [77287..77295], petD [78029..78502], rpl16 [complement(82228..82626)], rpl16 [complement(83507..83515)], rpl2 [complement(85193..85627)], rpl2 [complement(86320..86709)], ndhB [complement(95316..96071)], ndhB [complement(96751..97527)], trnI-GAU [102802..102843], trnI-GAU [103780..103814], trnA-UGC [103879..103916], trnA-UGC [104719..104753], ndhA [complement(125883..126422)], ndhA [complement(127379..127930)], trnA-UGC [complement(141112..141146)], trnA-UGC [complement(141949..141986)], trnI-GAU [complement(142051..142085)], trnI-GAU [complement(143022..143063)], ndhB [148338..149114], ndhB [149794..150549], rpl2 [159156..159545], rpl2 [160238..160672]	[complement(42293..43012)], ycf3 [complement(43243..43966)], trnL-UAA [47101..47591], trnV-UAC [complement(51517..52090)], clpP [complement(71078..71717)], clpP [complement(72004..72748)], petB [75724..76439], petD [77296..78028], rpl16 [complement(82627..83506)], rpl2 [complement(85628..86319)], ndhB [complement(96072..96750)], trnI-GAU [102844..103779], trnA-UGC [103917..104718], ndhA [complement(126423..127378)], trnA-UGC [complement(141147..141948)], trnI-GAU [complement(142086..143021)], ndhB [149115..149793], rpl2 [159546..160237]
100.	AEAR	65	trnK [complement(1672..1706)], trnK [complement(4271..4307)], trnG [8270..8292], trnG [9015..9063], atpF [complement(11221..11630)], atpF [complement(12366..12510)], rpoC1 [complement(19943..21553)], rpoC1 [complement(22312..22743)], ycf3 [complement(41904..42056)], ycf3 [complement(42860..43087)], trnL [46463..46497], trnL [47009..47058], trnV [complement(50393..50427)], trnV [complement(51035..51073)], rps12 [complement(68859..68972)], rps12 [139615..139846], rps12 [140385..140410], clpP [complement(69155..69382)], clpP [complement(69975..70266)], clpP [complement(71138..71208)], petB [74131..74136], petB [74925..75566], petD [75763..75770], petD [76496..76970], rpl16 [complement(80453..80851)], rpl16 [complement(81918..81926)], rpl2 [complement(83578..84012)], rpl2 [complement(84695..85084)], ndhB [complement(94142..94903)], ndhB [complement(95589..95996)], trnI [102042..102078], trnI [103089..103123], trnA [103188..103225], trnA [104026..104060], ndhA	trnK [complement(1707..4270)], trnG [8293..9014], atpF [complement(11631..12365)], rpoC1 [complement(21554..22311)], ycf3 [complement(42057..42859)], trnL [46498..47008], trnV [complement(50428..51034)], clpP [complement(69383..69974)], clpP [complement(70267..71137)], petB [74137..74924], petD [75771..76495], rpl16 [complement(80852..81917)], rpl2 [complement(84013..84694)], ndhB [complement(94904..95588)], trnI [102079..103088], trnA [103226..104025], ndhA [complement(119841..120922)], trnA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(119311..119840)], ndhA [complement(120923..121475)], trnA [complement(133577..133611)], trnA [complement(134412..134449)], trnI [complement(134514..134548)], trnI [complement(135559..135595)], ndhB [141641..142048], ndhB [142734..143495], rpl2 [152553..152942], rpl2 [153625..154059]	[complement(133612..134411)], trnI [complement(134549..135558)], ndhB [142049..142733], rpl2 [152943..153624]
101.	AEBI	25	trnK [complement(1374..1406)], trnK [complement(3907..3944)], rps16 [complement(4514..4729)], rps16 [complement(5517..5570)], atpF [32923..33081], atpF [33899..34306], ycf3 [complement(42150..42308)], ycf3 [complement(43032..43259)], ycf3 [complement(44010..44141)], rps12 [67888..68016], rps12 [complement(90291..90563)], ndhB [complement(86665..87420)], ndhB [complement(88133..88909)], ndhA [complement(112230..112769)], ndhA [complement(113795..114343)], ndhB [128955..129731], ndhB [130444..131199]	trnK [complement(1407..3906)], rps16 [complement(4730..5516)], atpF [33082..33898], ycf3 [complement(42309..43031)], ycf3 [complement(43260..44009)], ndhB [complement(87421..88132)], ndhA [complement(112770..113794)], ndhB [129732..130443]
102.	AECO	69	rps12 [complement(97252..97277)], rps12 [complement(97816..98047)], rps12 [complement(68808..68921)], trnK [complement(1635..1669)], trnK [complement(4237..4273)], trnG [8345..8367], trnG [9092..9140], atpF [complement(11282..11691)], atpF [complement(12424..12568)], rpoC1 [complement(20009..21619)], rpoC1 [complement(22380..22811)], ycf3 [complement(41987..42139)], ycf3 [complement(42930..43157)], ycf3 [complement(43881..44006)], trnL [46539..46573], trnL [47086..47135], trnV [complement(50441..50475)], trnV [complement(51083..51121)], rps12 [139540..139771], rps12 [140310..140335], clpP [complement(69104..69331)], clpP [complement(69925..70216)], clpP [complement(71122..71192)], petB [74111..74116], petB [74906..75547], petD [75745..75752], petD [76473..76947], rpl16 [complement(80429..80827)], rpl16 [complement(81917..81925)], rpl2 [complement(83579..84013)], rpl2 [complement(84696..85085)], ndhB [complement(94195..94956)], ndhB [complement(95642..96364)], trnI [102068..102104], trnI [103052..103086], trnA [103151..103188], trnA [103989..104023], ndhA [complement(119214..119743)], ndhA [complement(120831..121383)], trnA [complement(133564..133598)], trnA [complement(134399..134436)], trnI [complement(134501..134535)], trnI [complement(135483..135519)], ndhB	trnK [complement(1670..4236)], trnG [8368..9091], atpF [complement(11692..12423)], rpoC1 [complement(21620..22379)], ycf3 [complement(42140..42929)], ycf3 [complement(43158..43880)], trnL [46574..47085], trnV [complement(50476..51082)], clpP [complement(69332..69924)], clpP [complement(70217..71121)], petB [74117..74905], petD [75753..76472], rpl16 [complement(80828..81916)], rpl2 [complement(84014..84695)], ndhB [complement(94957..95641)], trnI [102105..103051], trnA [103189..103988], ndhA [complement(119744..120830)], trnA [complement(133599..134398)], trnI [complement(134536..135482)], ndhB [141946..142630], rpl2 [152892..153573]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141223..141945], ndhB [142631..143392], rpl2 [152502..152891], rpl2 [153574..154008]	
103.	AECR	25	rps12 [complement(72241..72354)], trnV [complement(53327..53361)], rps12 [143758..143784]	trnK-UUU [complement(1724..4242)], rps16 [complement(5153..5987)], atpF [complement(13048..13738)], rpoC1 [complement(23121..23881)], ycf3 [complement(44057..44773)], ycf3 [complement(45002..45713)], trnL-UAA [48870..49363], trnV [complement(53362..53956)], clpP [complement(72735..73384)], clpP [complement(73676..74528)], petB [77562..78429], petD [79271..80030], rpl16 [complement(84446..85462)], rpl2 [complement(87593..88244)], ndhB [complement(98200..98873)], trnI [105252..106189], trnA-UGC [106331..107135], ndhA [complement(123152..124249)], trnA-UGC [complement(137164..137968)], trnI [complement(138110..139047)], ndhB [145426..146099], rpl2 [156055..156706]
104.	AECY	32	trnK-UUU [complement(1374..1406)], trnK-UUU [complement(3906..3943)], rps16 [complement(4513..4725)], rps16 [complement(5517..5582)], atpF [32748..32906], atpF [33718..34125], ycf3 [complement(41940..42098)], ycf3 [complement(42824..43051)], ycf3 [complement(43802..43933)], trnL-UAA [46550..46584], trnL-UAA [47165..47214], trnV-UAC [complement(50796..50832)], trnV-UAC [complement(51430..51468)], ndhB [complement(85246..86001)], ndhB [complement(86714..87490)], trnI-GAU [92935..92976], trnI-GAU [93778..93812], trnA-UGC [93878..93915], trnA-UGC [94721..94755], ndhA [complement(110397..110936)], ndhA [complement(111966..112514)]	trnK-UUU [complement(1407..3905)], rps16 [complement(4726..5516)], atpF [32907..33717], ycf3 [complement(42099..42823)], ycf3 [complement(43052..43801)], trnL-UAA [46585..47164], trnV-UAC [complement(50833..51429)], ndhB [complement(86002..86713)], trnI-GAU [92977..93777], trnA-UGC [93916..94720], ndhA [complement(110937..111965)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
105.	AEGE	32	trnK-UUU [complement(1369..1401)], trnK-UUU [complement(3901..3938)], rps16 [complement(4507..4719)], rps16 [complement(5511..5576)], atpF [32913..33071], atpF [33881..34288], ycf3 [complement(41401..41559)], ycf3 [complement(42285..42512)], ycf3 [complement(43273..43404)], trnV-UAC [complement(50285..50321)], trnV-UAC [complement(50918..50956)], ndhB [complement(85195..85950)], ndhB [complement(86663..87439)], trnI-GAU [92891..92932], trnI-GAU [93734..93768], trnA-UGC [93834..93871], trnA-UGC [94677..94711], ndhH [100885..101091], ndhH [complement(112919..113893)], ndhA [complement(110780..111319)], ndhA [complement(112369..112917)]	trnK-UUU [complement(1402..3900)], rps16 [complement(4720..5510)], atpF [33072..33880], ycf3 [complement(41560..42284)], ycf3 [complement(42513..43272)], trnV-UAC [complement(50322..50917)], ndhB [complement(85951..86662)], trnI-GAU [92933..93733], trnA-UGC [93872..94676], ndhH [101092..112918], ndhA [complement(111320..112368)]
106.	AEGR	69	rps12 [complement(97296..97321)], rps12 [complement(97860..98091)], rps12 [complement(68871..68984)], trnK [complement(1698..1732)], trnK [complement(4298..4334)], trnG [8379..8401], trnG [9125..9173], atpF [complement(11300..11709)], atpF [complement(12443..12587)], rpoC1 [complement(20026..21636)], rpoC1 [complement(22421..22852)], ycf3 [complement(42047..42199)], ycf3 [complement(42971..43198)], ycf3 [complement(43915..44040)], trnL [46584..46618], trnL [47132..47181], trnV [complement(50524..50558)], trnV [complement(51176..51214)], rps12 [139641..139872], rps12 [140411..140436], clpP [complement(69170..69397)], clpP [complement(69990..70281)], clpP [complement(71184..71254)], petB [74180..74185], petB [74984..75625], petD [75824..75831], petD [76553..77027], rpl16 [complement(80498..80896)], rpl16 [complement(81987..81995)], rpl2 [complement(83651..84085)], rpl2 [complement(84770..85159)], ndhB [complement(94234..94995)], ndhB [complement(95686..96408)], trnI [102113..102149], trnI [103097..103131], trnA [103196..103233], trnA [104034..104068], ndhA [complement(119344..119873)], ndhA [complement(120965..121517)], trnA [complement(133664..133698)], trnA [complement(134499..134536)], trnI [complement(134601..134635)], trnI [complement(135583..135619)], ndhB [141324..142046], ndhB [142737..143498], rpl2 [152573..152962], rpl2 [153647..154081]	trnK [complement(1733..4297)], trnG [8402..9124], atpF [complement(11710..12442)], rpoC1 [complement(21637..22420)], ycf3 [complement(42200..42970)], ycf3 [complement(43199..43914)], trnL [46619..47131], trnV [complement(50559..51175)], clpP [complement(69398..69989)], clpP [complement(70282..71183)], petB [74186..74983], petD [75832..76552], rpl16 [complement(80897..81986)], rpl2 [complement(84086..84769)], ndhB [complement(94996..95685)], trnI [102150..103096], trnA [103234..104033], ndhA [complement(119874..120964)], trnA [complement(133699..134498)], trnI [complement(134636..135582)], ndhB [142047..142736], rpl2 [152963..153646]
107.	AEKO	25	trnK [complement(1374..1406)], trnK [complement(3907..3944)], rps16	trnK [complement(1407..3906)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(4514..4729)], rps16 [complement(5516..5569)], atpF [32929..33087], atpF [33905..34312], ycf3 [complement(42156..42314)], ycf3 [complement(43038..43265)], ycf3 [complement(44016..44147)], rps12 [67892..68020], rps12 [complement(90297..90569)], ndhB [complement(86671..87426)], ndhB [complement(88139..88915)], ndhA [complement(112237..112776)], ndhA [complement(113802..114350)], ndhB [128962..129738], ndhB [130451..131206]	[complement(4730..5515)], atpF [33088..33904], ycf3 [complement(42315..43037)], ycf3 [complement(43266..44015)], ndhB [complement(87427..88138)], ndhA [complement(112777..113801)], ndhB [129739..130450]
108.	AELA	64	rps12 [complement(89275..89303)], rps12 [complement(89844..90075)], rps12 [complement(67666..67779)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3906..3943)], rps16 [complement(4482..4699)], rps16 [complement(5537..5576)], trnG-UCC [complement(13038..13085)], trnG-UCC [complement(13768..13790)], atpF [33425..33583], atpF [34409..34816], ycf3 [complement(42586..42744)], ycf3 [complement(43479..43706)], ycf3 [complement(44455..44580)], trnL-UAA [47337..47371], trnL-UAA [47922..47971], trnV-UAC [complement(51541..51587)], trnV-UAC [complement(52181..52219)], rps12 [126257..126488], rps12 [127029..127057], petB [71514..71519], petB [72304..72951], petD [73151..73158], petD [73904..74378], rpl16 [complement(77942..78343)], rpl16 [complement(79425..79433)], rpl2 [complement(81383..81814)], rpl2 [complement(82475..82867)], ndhB [complement(86207..86963)], ndhB [complement(87676..88451)], trnI-GAU [93906..93947], trnI-GAU [94658..94692], trnA-UGC [94758..94795], trnA-UGC [95606..95640], ndhA [complement(111190..111729)], ndhA [complement(112781..113329)], trnA-UGC [complement(120692..120726)], trnA-UGC [complement(121537..121574)], trnI-GAU [complement(121640..121674)], trnI-GAU [complement(122385..122426)], ndhB [127881..128656], ndhB [129369..130125], rpl2 [133465..133857], rpl2 [134518..134949]	trnK-UUU [complement(1421..3905)], rps16 [complement(4700..5536)], trnG-UCC [complement(13086..13767)], atpF [33584..34408], ycf3 [complement(42745..43478)], ycf3 [complement(43707..44454)], trnL-UAA [47372..47921], trnV-UAC [complement(51588..52180)], petB [71520..72303], petD [73159..73903], rpl16 [complement(78344..79424)], rpl2 [complement(81815..82474)], ndhB [complement(86964..87675)], trnI-GAU [93948..94657], trnA-UGC [94796..95605], ndhA [complement(111730..112780)], trnA-UGC [complement(120727..121536)], trnI-GAU [complement(121675..122384)], ndhB [128657..129368], rpl2 [133858..134517]
109.	AELO	25	trnK [complement(1374..1406)], trnK [complement(3907..3944)], rps16 [complement(4514..4729)], rps16 [complement(5516..5569)], atpF [32926..33084], atpF [33902..34309], ycf3 [complement(42157..42315)], ycf3 [complement(43039..43266)], ycf3 [complement(44017..44148)], rps12 [67899..68027], rps12 [complement(90302..90574)], ndhB	trnK [complement(1407..3906)], rps16 [complement(4730..5515)], atpF [33085..33901], ycf3 [complement(42316..43038)], ycf3 [complement(43267..44016)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86676..87431)], ndhB [complement(88144..88920)], ndhA [complement(112244..112783)], ndhA [complement(113809..114357)], ndhB [128969..129745], ndhB [130458..131213]	[complement(87432..88143)], ndhA [complement(112784..113808)], ndhB [129746..130457]
110.	AESE	25	trnK [complement(1374..1406)], trnK [complement(3907..3944)], rps16 [complement(4514..4729)], rps16 [complement(5516..5569)], atpF [32922..33080], atpF [33898..34305], ycf3 [complement(42149..42307)], ycf3 [complement(43031..43258)], ycf3 [complement(44009..44140)], rps12 [67882..68010], rps12 [complement(90285..90557)], ndhB [complement(86659..87414)], ndhB [complement(88127..88903)], ndhA [complement(112232..112771)], ndhA [complement(113797..114345)], ndhB [128957..129733], ndhB [130446..131201]	trnK [complement(1407..3906)], rps16 [complement(4730..5515)], atpF [33081..33897], ycf3 [complement(42308..43030)], ycf3 [complement(43259..44008)], ndhB [complement(87415..88126)], ndhA [complement(112772..113796)], ndhB [129734..130445]
111.	AESH	25	trnK [complement(1374..1406)], trnK [complement(3908..3945)], rps16 [complement(4515..4730)], rps16 [complement(5517..5570)], atpF [32929..33087], atpF [33905..34312], ycf3 [complement(42156..42314)], ycf3 [complement(43038..43265)], ycf3 [complement(44016..44147)], rps12 [67894..68022], rps12 [complement(90297..90569)], ndhB [complement(86671..87426)], ndhB [complement(88139..88915)], ndhA [complement(112236..112775)], ndhA [complement(113801..114349)], ndhB [128961..129737], ndhB [130450..131205]	trnK [complement(1407..3907)], rps16 [complement(4731..5516)], atpF [33088..33904], ycf3 [complement(42315..43037)], ycf3 [complement(43266..44015)], ndhB [complement(87427..88138)], ndhA [complement(112776..113800)], ndhB [129738..130449]
112.	AESP	28	trnK-UUU [complement(1374..1406)], trnK-UUU [complement(3908..3945)], atpF [33915..34322], ycf3 [complement(42154..42312)], trnL-UAA [46775..46809], trnL-UAA [47398..47447], trnV-UAC [complement(51031..51067)], trnV-UAC [complement(51665..51703)], rpl2 [complement(80045..80476)], ndhB [complement(84828..85583)], trnI-GAU [92517..92558], trnI-GAU [93360..93394], trnA-UGC [93460..93497], trnA-UGC [94303..94337], ndhH [complement(112678..113535)], ndhA [complement(110552..111091)]	trnK-UUU [complement(1407..3907)], atpF [33105..33914], ycf3 [complement(42313..43047)], ycf3 [complement(43276..44025)], trnL-UAA [46810..47397], trnV-UAC [complement(51068..51664)], rpl2 [complement(80477..81136)], ndhB [complement(85584..86295)], trnI-GAU [92559..93359], trnA-UGC [93498..94302], ndhH [100833..112677], ndhA [complement(111092..112127)]
113.	AETA	33	rps12 [complement(89048..89320)], trnK-UUU [complement(1374..1406)], trnK-UUU [complement(3907..3944)], rps16 [complement(4513..4725)], atpF	trnK-UUU [complement(1407..3906)], rps16 [complement(4726..5516)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[33766..34173], ycf3 [complement(41992..42150)], trnL-UAA [46597..46631], trnL-UAA [47212..47261], trnV-UAC [complement(50843..50879)], trnV-UAC [complement(51477..51515)], rpl2 [complement(80354..80785)], ndhB [complement(85422..86177)], trnI-GAU [93111..93152], trnI-GAU [93954..93988], trnA-UGC [94054..94091], trnA-UGC [94897..94931], ycf1 [99640..99741], ndhH [complement(113138..114112)], ndhA [complement(111019..111558)]	[32956..33765], ycf3 [complement(42151..42874)], ycf3 [complement(43103..43852)], trnL-UAA [46632..47211], trnV-UAC [complement(50880..51476)], rpl2 [complement(80786..81445)], ndhB [complement(86178..86889)], trnI-GAU [93153..93953], trnA-UGC [94092..94896], ycf1 [99609..99639], ndhH [101316..113137], ndhA [complement(111559..112587)]
114.	AEW A	72	rps12 [complement(98660..98685)], rps12 [complement(99223..99454)], rps12 [complement(70271..70384)], trnK-UUU [complement(1823..1860)], trnK-UUU [complement(4400..4436)], rps16 [complement(4936..5166)], rps16 [complement(5994..6032)], trnG [8700..8722], trnG [9448..9495], atpF [complement(11577..11984)], atpF [complement(12728..12886)], rpoC1 [complement(20882..22501)], rpoC1 [complement(23195..23629)], ycf3 [complement(43100..43252)], ycf3 [complement(43997..44224)], ycf3 [complement(44954..45079)], trnL-UAA [48047..48083], trnL-UAA [48619..48667], trnV-UAC [complement(52468..52504)], trnV-UAC [complement(53091..53129)], rps12 [141300..141531], rps12 [142069..142094], clpP [complement(70528..70755)], clpP [complement(71371..71661)], clpP [complement(72511..72579)], petB [75500..75505], petB [76295..76951], petD [77155..77163], petD [77852..78376], rpl16 [complement(81803..82204)], rpl16 [complement(83253..83261)], rpl2 [complement(84945..85379)], rpl2 [complement(86041..86433)], ndhB [complement(95602..96357)], ndhB [complement(97039..97815)], trnI-GAU [102909..102950], trnI-GAU [103904..103938], trnA [104003..104040], trnA [104881..104915], ndhA [complement(121344..121883)], ndhA [complement(122985..123536)], trnA-UGC [complement(135839..135873)], trnA-UGC [complement(136714..136751)], trnI-GAU [complement(136816..136850)],	trnK-UUU [complement(1861..4399)], rps16 [complement(5167..5993)], trnG [8723..9447], atpF [complement(11985..12727)], rpoC1 [complement(22502..23194)], ycf3 [complement(43253..43996)], ycf3 [complement(44225..44953)], trnL-UAA [48084..48618], trnV-UAC [complement(52505..53090)], clpP [complement(70756..71370)], clpP [complement(71662..72510)], petB [75506..76294], petD [77164..77851], rpl16 [complement(82205..83252)], rpl2 [complement(85380..86040)], ndhB [complement(96358..97038)], trnI-GAU [102951..103903], trnA [104041..104880], ndhA [complement(121884..122984)], trnA-UGC [complement(135874..136713)], trnI-GAU [complement(136851..137803)], ndhB [143716..144396], rpl2 [154711..155374]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137804..137845)], ndhB [142939..143715], ndhB [144397..145152], rpl2 [154321..154710], rpl2 [155375..155809]	
115.	AFEL	70	rps12 [complement(102752..102777)], rps12 [complement(103314..103545)], rps12 [complement(73624..73737)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4439..4475)], trnG-GCC [8243..8265], trnG-GCC [8991..9036], atpF [complement(11569..11979)], atpF [complement(12772..12915)], rpoC1 [complement(21099..22709)], rpoC1 [complement(23499..23930)], ycf3 [complement(44987..45139)], ycf3 [complement(45842..46069)], ycf3 [complement(46799..46924)], trnL-UAA [49188..49224], trnL-UAA [49782..49831], trnV-UAC [complement(53919..53955)], trnV-UAC [complement(54562..54600)], rps12 [complement(73624..73737)], rps12 [147273..147504], rps12 [148041..148066], clpP [complement(73902..74127)], clpP [complement(74754..75046)], clpP [complement(75915..75983)], petB [78980..78985], petB [79820..80461], petD [80655..80662], petD [81456..81930], rpl16 [complement(85689..86087)], rpl16 [complement(87147..87155)], rpl2 [complement(89005..89439)], rpl2 [complement(90115..90513)], ndhB [complement(99692..100447)], ndhB [complement(101136..101912)], trnI-GAU [107542..107583], trnI-GAU [108531..108565], trnA-UGC [108630..108667], trnA-UGC [109476..109510], ndhA [complement(126331..126870)], ndhA [complement(128055..128624)], trnA-UGC [complement(141308..141342)], trnA-UGC [complement(142151..142188)], trnI-GAU [complement(142253..142287)], trnI-GAU [complement(143235..143276)], ndhB [148906..149682], ndhB [150371..151126], rpl2 [160305..160703], rpl2 [161379..161813]	trnK-UUU [complement(1864..4438)], trnG-GCC [8266..8990], atpF [complement(11980..12771)], rpoC1 [complement(22710..23498)], ycf3 [complement(45140..45841)], ycf3 [complement(46070..46798)], trnL-UAA [49225..49781], trnV-UAC [complement(53956..54561)], clpP [complement(74128..74753)], clpP [complement(75047..75914)], petB [78986..79819], petD [80663..81455], rpl16 [complement(86088..87146)], rpl2 [complement(89440..90114)], ndhB [complement(100448..101135)], trnI-GAU [107584..108530], trnA-UGC [108668..109475], ndhA [complement(126871..128054)], trnA-UGC [complement(141343..142150)], trnI-GAU [complement(142288..143234)], ndhB [149683..150370], rpl2 [160704..161378]
116.	AGAD	44	rps12 [complement(98475..98708)], rps12 [complement(69307..69429)], trnK-UUU [complement(1755..1789)], trnK-UUU [complement(4348..4384)], trnG-UCC [complement(30164..30210)], trnG-UCC [complement(30938..30960)], trnL-UAA [46820..46856], trnL-UAA [47293..47342], trnV-UAC [complement(50795..50831)], trnV-UAC [complement(51405..51442)], rps12 [136792..137025], clpP [complement(69585..69812)], trnI-GAU [102190..102231], trnI-GAU	trnK-UUU [complement(1790..4347)], rps16 [complement(5405..6281)], rpoC1 [17128..17822], rpoC1 [18469..18514], atpF [26920..27770], trnG-UCC [complement(30211..30937)], ycf3 [complement(42209..42953)], ycf3 [complement(43182..43850)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[102970..103004], trnA-UGC [103080..103117], trnA-UGC [103762..103795], trnA-UGC [complement(131705..131738)], trnA-UGC [complement(132383..132420)], trnI-GAU [complement(132496..132530)], trnI-GAU [complement(133269..133310)], ndhB [139811..140566]	[46857..47292], trnV-UAC [complement(50832..51404)], clpP [complement(69813..70445)], clpP [complement(70737..71544)], petB [74717..75489], petD [76334..77047], rpl2 [complement(85321..85776)], ndhB [complement(95690..96359)], trnI-GAU [102232..102969], trnA-UGC [103118..103761], ndhA [115653..116748], trnA-UGC [complement(131739..132382)], trnI-GAU [complement(132531..133268)], ndhB [139141..139810], rpl2 [149724..150179]
117.	AGAM	36	rps12 [complement(100331..100356)], rps12 [complement(100925..101135)], rps12 [complement(71845..71958)], rps16 [complement(4828..5033)], rps16 [complement(5903..5945)], atpF [complement(12606..13015)], atpF [complement(13811..13958)], rpoC1 [complement(21381..23005)], rpoC1 [complement(23735..24167)], ycf3 [complement(43484..43636)], ycf3 [complement(44377..44604)], ycf3 [complement(45335..45463)], rps12 [142234..142464], rps12 [143012..143038], clpP [complement(72089..72338)], clpP [complement(72997..73290)], clpP [complement(74090..74160)], rpl2 [complement(86599..87029)], rpl2 [complement(87691..88084)], ndhB [complement(97258..98013)], ndhB [complement(98713..99489)], ndhA [complement(122236..122774)], ndhA [complement(123874..124435)], rpl2 [155285..155675], rpl2 [156340..156770]	rps16 [complement(5034..5902)], atpF [complement(13016..13810)], rpoC1 [complement(23006..23734)], ycf3 [complement(43637..44376)], ycf3 [complement(44605..45334)], clpP [complement(72339..72996)], clpP [complement(73291..74089)], rpl2 [complement(87030..87690)], ndhB [complement(98014..98712)], ndhA [complement(122775..123873)], rpl2 [155676..156339]
118.	AGAT	27	rps12 [complement(71868..71981)], trnK-UUU [complement(1392..1431)], trnK-UUU [complement(4020..4056)], rps12 [143118..143143]	trnK-UUU [complement(1432..4019)], rps16 [complement(4950..5818)], trnG-GCC [9895..10601], atpF [complement(12969..13780)], rpoC1 [complement(22958..23704)], ycf3 [complement(43629..44368)], ycf3 [complement(44599..45330)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[48339..48838], trnV-UAC [complement(53358..53951)], clpP [complement(72526..73018)], clpP [complement(73310..74109)], petB [77074..77882], petD [78751..79485], rpl16 [complement(83793..84781)], rpl2 [complement(87051..87714)], ndhB [complement(98029..98727)], trnI-GAU [104908..105843], trnA-UGC [105981..106795], ndhA [complement(122858..123958)], trnA-UGC [complement(136694..137508)], trnI-GAU [complement(137646..138581)], ndhB [144762..145460], rpl2 [155775..156438]
119.	AGCO	40	trnK-UUU [complement(1317..1351)], trnK-UUU [complement(3919..3955)], trnG-UCC [9670..9692], trnG-UCC [10376..10423], trnL-UAA [47854..47888], trnL-UAA [48401..48450], trnV-UAC [complement(52740..52776)], trnV-UAC [complement(53378..53416)], rps12 [142611..142636], trnI-GAU [104197..104233], trnI-GAU [105174..105208], trnA-UGC [105273..105310], trnA-UGC [106126..106160], trnA-UGC [complement(135920..135954)], trnA-UGC [complement(136770..136807)], trnI-GAU [complement(136872..136906)], trnI-GAU [complement(137847..137883)]	trnK-UUU [complement(1352..3918)], rps16 [complement(4859..5735)], trnG-UCC [9693..10375], atpF [complement(12776..13602)], rpoC1 [complement(22776..23522)], ycf3 [complement(43265..43997)], ycf3 [complement(44226..44943)], trnL-UAA [47889..48400], trnV-UAC [complement(52777..53377)], clpP [complement(71455..72135)], clpP [complement(72428..73233)], petB [76206..76983], petD [77845..78590], rpl16 [complement(82906..83850)], rpl2 [complement(86131..86794)], ndhB [complement(97120..97818)], trnI-GAU [104234..105173], trnA-UGC [105311..106125], ndhA [complement(122355..123332)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(135955..136769)], trnI-GAU [complement(136907..137846)], ndhB [144262..144960], rpl2 [155286..155949]
120.	AGD A	50	trnK [complement(1498..1526)], trnK [complement(3977..4013)], trnG [10366..10388], trnG [11160..11207], atpF [complement(13200..13603)], atpF [complement(14343..14487)], rpoC1 [complement(21544..23504)], rpoC1 [complement(24249..24681)], ycf3 [complement(44617..44774)], ycf3 [complement(45491..45716)], ycf3 [complement(46432..46557)], trnL [49191..49225], trnL [49728..49777], trnV [complement(55076..55112)], trnV [complement(55659..55696)], rps12 [complement(75224..75337)], rps12 [128746..128977], rps12 [129528..129556], petB [79999..80004], petB [80765..81406], petD [81631..81638], petD [82279..82768], rpl16 [complement(86277..86690)], rpl16 [complement(87617..87625)], rpl2 [complement(89233..89663)], rpl2 [complement(90363..90762)], ndhA [103097..103654], ndhA [104415..104963], trnA [complement(121888..121922)], trnA [complement(122700..122737)], trnI [complement(122808..122842)], trnI [complement(123797..123833)], ndhB [131037..131759], ndhB [132473..133231]	trnK [complement(1527..3976)], trnG [10389..11159], atpF [complement(13604..14342)], rpoC1 [complement(23505..24248)], ycf3 [complement(44775..45490)], ycf3 [complement(45717..46431)], trnL [49226..49727], trnV [complement(55113..55658)], petB [80005..80764], petD [81639..82278], rpl16 [complement(86691..87616)], rpl2 [complement(89664..90362)], ndhA [103655..104414], trnA [complement(121923..122699)], trnI [complement(122843..123796)], ndhB [131760..132472]
121.	AGG G	64	rps12 [complement(89424..89452)], rps12 [complement(89993..90224)], rps12 [complement(67436..67549)], trnK-UUU [complement(1382..1416)], trnK-UUU [complement(3895..3931)], rps16 [complement(4483..4700)], rps16 [complement(5538..5577)], trnG-UCC [complement(12850..12897)], trnG-UCC [complement(13573..13595)], atpF [32569..32713], atpF [33552..33958], ycf3 [complement(41724..41884)], ycf3 [complement(42612..42837)], ycf3 [complement(43592..43717)], trnL [46513..46547], trnL [46967..47016], trnV-UAC [complement(50579..50615)], trnV-UAC [complement(51212..51250)], rps12 [127086..127317], rps12 [127858..127886], petB [71334..71339], petB [72104..72745], petD [72933..72940], petD [73682..74156], rpl16 [complement(77731..78132)], rpl16 [complement(79181..79189)], rpl2 [complement(81190..81620)], rpl2 [complement(82284..82674)], ndhB [complement(86356..87111)], ndhB [complement(87824..88600)], trnI-GAU [94101..94137], trnI-GAU [94943..94977], trnA-UGC [95043..95080], trnA-	trnK-UUU [complement(1417..3894)], rps16 [complement(4701..5537)], trnG-UCC [complement(12898..13572)], atpF [32714..33551], ycf3 [complement(41885..42611)], ycf3 [complement(42838..43591)], trnL [46548..46966], trnV-UAC [complement(50616..51211)], petB [71340..72103], petD [72941..73681], rpl16 [complement(78133..79180)], rpl2 [complement(81621..82283)], ndhB [complement(87112..87823)], trnI-GAU [94138..94942], trnA-UGC [95081..95891], ndhA [complement(112441..113480)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [95892..95926], ndhA [complement(111902..112440)], ndhA [complement(113481..114030)], trnA-UGC [complement(121384..121418)], trnA-UGC [complement(122230..122267)], trnI-GAU [complement(122333..122367)], trnI-GAU [complement(123173..123209)], ndhB [128710..129486], ndhB [130199..130954], rpl2 [134636..135026], rpl2 [135690..136120]	UGC [complement(121419..122229)], trnI-GAU [complement(122368..123172)], ndhB [129487..130198], rpl2 [135027..135689]
122.	AGGI	67	rps12 [complement(96341..96366)], rps12 [complement(96903..97134)], rps12 [complement(69581..69694)], trnH-GUG [complement(151731..151733)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1633..1666)], trnK-UUU [complement(4144..4180)], rps16 [complement(4786..5012)], rps16 [complement(5832..5871)], trnG-UCC [8445..8467], trnG-UCC [9158..9205], atpF [complement(11179..11588)], atpF [complement(12294..12438)], rpoC1 [complement(19906..21507)], rpoC1 [complement(22291..22722)], ycf3 [complement(41675..41827)], ycf3 [complement(42625..42854)], ycf3 [complement(43623..43746)], trnL-UAA [46673..46707], trnL-UAA [47327..47376], trnV-UAC [complement(51272..51306)], trnV-UAC [complement(51904..51942)], clpP [complement(69826..70053)], clpP [complement(70671..70962)], clpP [complement(71794..71864)], petB [74784..74789], petB [75559..76200], petD [76399..76406], petD [77134..77608], rpl16 [complement(81014..81412)], rpl16 [complement(82383..82391)], ndhB [complement(93293..94048)], ndhB [complement(94717..95493)], trnI-GAU [100755..100791], trnI-GAU [101734..101768], trnA-UGC [101839..101876], trnA-UGC [102685..102719], ndhA [complement(118647..119185)], ndhA [complement(120175..120727)], trnA-UGC [complement(132942..132976)], trnA-UGC [complement(133785..133822)], trnI-GAU [complement(133893..133927)], trnI-GAU [complement(134870..134906)], ndhB [140168..140944], ndhB [141613..142368]	trnH-GUG [complement(151734..0)], trnK-UUU [complement(1667..4143)], rps16 [complement(5013..5831)], trnG-UCC [8468..9157], atpF [complement(11589..12293)], rpoC1 [complement(21508..22290)], ycf3 [complement(41828..42624)], ycf3 [complement(42855..43622)], trnL-UAA [46708..47326], trnV-UAC [complement(51307..51903)], clpP [complement(70054..70670)], clpP [complement(70963..71793)], petB [74790..75558], petD [76407..77133], rpl16 [complement(81413..82382)], ndhB [complement(94049..94716)], trnI-GAU [100792..101733], trnA-UGC [101877..102684], ndhA [complement(119186..120174)], trnA-UGC [complement(132977..133784)], trnI-GAU [complement(133928..134869)], ndhB [140945..141612]
123.	AGST	38	rps12 [complement(67902..68015)], trnK-UUU [complement(1907..1939)], trnK-UUU [complement(4450..4487)], trnG-UCC [complement(13392..13439)], trnG-UCC [complement(14115..14137)], trnL-UAA [46981..47015], trnL-UAA [47439..47488], trnV-UAC	trnK-UUU [complement(1940..4449)], rps16 [complement(5250..6083)], trnG-UCC [complement(13440..14114)], atpF [33202..34034], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51079..51115)], trnV-UAC [complement(51712..51750)], rps12 [128263..128291], trnI-GAU [94563..94604], trnI-GAU [95405..95439], trnA-UGC [95506..95543], trnA-UGC [96355..96389], trnA-UGC [complement(121808..121842)], trnA-UGC [complement(122654..122691)], trnI-GAU [complement(122757..122791)], trnI-GAU [complement(123593..123634)]	[complement(42375..43102)], ycf3 [complement(43331..44078)], trnL-UAA [47016..47438], trnV-UAC [complement(51116..51711)], petB [71806..72563], petD [73401..74141], rpl16 [complement(78612..79655)], rpl2 [complement(82098..82760)], ndhB [complement(87594..88305)], trnI-GAU [94605..95404], trnA-UGC [95544..96354], ndhA [complement(112876..113910)], trnA-UGC [complement(121843..122653)], trnI-GAU [complement(122792..123592)], ndhB [129892..130603], rpl2 [135437..136099]
124.	AIAL	67	rps12 [complement(103042..103284)], rps12 [complement(74003..74116)], rps16 [complement(5569..5776)], rps16 [complement(6677..6714)], atpF [complement(13394..13864)], atpF [complement(14560..14718)], rpoC1 [complement(22625..24245)], rpoC1 [complement(25036..25469)], ycf3 [complement(45796..45948)], ycf3 [complement(46770..46998)], ycf3 [complement(47713..47840)], trnL-UAA [50563..50599], trnL-UAA [51160..51209], trnV-UAC [complement(54899..54935)], trnV-UAC [complement(55525..55563)], rps12 [145914..146156], clpP [complement(74261..74489)], clpP [complement(75146..75436)], clpP [complement(76291..76358)], petB [79280..79287], petB [80055..80751], rpl16 [complement(85651..86052)], rpl16 [complement(87094..87102)], rpl2 [complement(88782..89216)], rpl2 [complement(89878..90270)], ycf15 [97939..98070], ycf15 [98046..98177], ndhB [complement(99434..100189)], ndhB [complement(100871..101647)], trnI-GAU [107216..107257], trnI-GAU [108208..108242], trnA-UGC [108313..108350], trnA-UGC [109196..109230], ndhA [complement(125240..125778)], ndhA [complement(126943..127495)], trnA-UGC [complement(139968..140002)], trnA-UGC [complement(140848..140885)], trnI-GAU [complement(140956..140990)], trnI-GAU [complement(141941..141982)], ndhB [147551..148327], ndhB	rps16 [complement(5777..6676)], atpF [complement(13865..14559)], rpoC1 [complement(24246..25035)], ycf3 [complement(45949..46769)], ycf3 [complement(46999..47712)], trnL-UAA [50600..51159], trnV-UAC [complement(54936..55524)], clpP [complement(74490..75145)], clpP [complement(75437..76290)], petB [79288..80054], rpl16 [complement(86053..87093)], rpl2 [complement(89217..89877)], ycf15 [98071..98045], ndhB [complement(100190..100870)], trnI-GAU [107258..108207], trnA-UGC [108351..109195], ndhA [complement(125779..126942)], trnA-UGC [complement(140003..140847)], trnI-GAU [complement(140991..141940)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[149009..149764], ycf15 [complement(151021..151152)], ycf15 [complement(151128..151259)], rpl2 [158928..159320], rpl2 [159982..160416]	[148328..149008], ycf15 [complement(151153..151127)], rpl2 [159321..159981]
125.	AJRE	74	rps12 [complement(94991..95016)], rps12 [complement(95556..95787)], rps12 [complement(67765..67878)], trnK-UUU [complement(1595..1620)], trnK-UUU [complement(4124..4160)], rps16 [complement(5024..5250)], rps16 [complement(6129..6168)], trnG-UCC [8894..8916], trnG-UCC [9626..9654], atpF [complement(11636..12045)], atpF [complement(12723..12867)], rpoC1 [complement(20610..22220)], rpoC1 [complement(23023..23454)], ycf3 [complement(41343..41495)], ycf3 [complement(42216..42443)], ycf3 [complement(43142..43267)], trnL-UAA [45761..45797], trnL-UAA [46277..46326], trnV-UAC [complement(49818..49855)], trnV-UAC [complement(50446..50483)], rps12 [135947..136178], rps12 [136718..136743], clpP [complement(68004..68232)], clpP [complement(68860..69150)], clpP [complement(69874..69944)], petB [72838..72843], petB [73530..74171], petD [74365..74373], petD [75112..75579], rpl16 [complement(78997..79395)], rpl16 [complement(80224..80232)], rpl2 [complement(81884..82317)], rpl2 [complement(82982..83372)], ndhB [complement(91982..92737)], ndhB [complement(93418..94194)], trnI-GAU [99457..99498], trnI-GAU [100442..100476], trnA-UGC [100536..100573], trnA-UGC [101376..101412], ndhA [complement(116099..116637)], ndhA [complement(117615..118167)], trnA-UGC [complement(130322..130358)], trnA-UGC [complement(131164..131198)], trnA-UGC [complement(131161..131198)], trnI-GAU [complement(131258..131292)], trnI-GAU [complement(132246..132277)], ndhB [137540..138316], ndhB [138997..139752], rpl2 [148362..148752], rpl2 [149417..149850]	trnK-UUU [complement(1621..4123)], rps16 [complement(5251..6128)], trnG-UCC [8917..9625], atpF [complement(12046..12722)], rpoC1 [complement(22221..23022)], ycf3 [complement(41496..42215)], ycf3 [complement(42444..43141)], trnL-UAA [45798..46276], trnV-UAC [complement(49856..50445)], clpP [complement(68233..68859)], clpP [complement(69151..69873)], petB [72844..73529], petD [74374..75111], rpl16 [complement(79396..80223)], rpl2 [complement(82318..82981)], ndhB [complement(92738..93417)], trnI-GAU [99499..100441], trnA-UGC [100574..101375], ndhA [complement(116638..117614)], trnA-UGC [complement(130359..131163)], trnA-UGC [complement(130359..131160)], trnI-GAU [complement(131293..132245)], ndhB [138317..138996], rpl2 [148753..149416]
126.	AKQ U	73	rps12 [complement(100049..100074)], rps12 [complement(100617..100848)], rps12 [complement(71828..71941)], trnK-UUU [complement(1952..1986)], trnK-UUU [complement(4463..4499)], rps16 [complement(5451..5677)], rps16 [complement(6552..6591)], trnG-UCC [9352..9374], trnG-UCC [10088..10135], atpF [complement(12095..12165)], atpF	trnK-UUU [complement(1987..4462)], rps16 [complement(5678..6551)], trnG-UCC [9375..10087], atpF [complement(12166..13253)], rpoC1 [complement(22598..23361)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13254..13398)], rpoC1 [complement(20984..22597)], rpoC1 [complement(23362..23793)], ycf3 [complement(44254..44406)], ycf3 [complement(45144..45373)], ycf3 [complement(46095..46218)], trnL-UAA [49317..49351], trnL-UAA [49860..49909], trnV-UAC [complement(53055..53089)], trnV-UAC [complement(53677..53715)], rps12 [complement(71828..71941)], rps12 [143513..143744], rps12 [144287..144312], clpP [complement(72129..72375)], clpP [complement(73028..73318)], clpP [complement(74117..74187)], petB [77038..77043], petB [77851..78492], petD [78706..78713], petD [79423..79897], rpl16 [complement(83396..83794)], rpl16 [complement(84897..84905)], rpl2 [complement(86667..87100)], rpl2 [complement(87765..88155)], ndhB [complement(96976..97731)], ndhB [complement(98428..99204)], trnI-GAU [104831..104867], trnI-GAU [105807..105841], trnA-UGC [105906..105943], trnA-UGC [106744..106778], ndhA [complement(122941..123479)], ndhA [complement(124566..125118)], trnA-UGC [complement(137583..137617)], trnA-UGC [complement(138418..138455)], trnI-GAU [complement(138520..138554)], trnI-GAU [complement(139494..139530)], ndhB [145157..145933], ndhB [146630..147385], rpl2 [156206..156596], rpl2 [157261..157694]	[complement(44407..45143)], ycf3 [complement(45374..46094)], trnL-UAA [49352..49859], trnV-UAC [complement(53090..53676)], clpP [complement(72376..73027)], clpP [complement(73319..74116)], petB [77044..77850], petD [78714..79422], rpl16 [complement(83795..84896)], rpl2 [complement(87101..87764)], ndhB [complement(97732..98427)], trnI-GAU [104868..105806], trnA-UGC [105944..106743], ndhA [complement(123480..124565)], trnA-UGC [complement(137618..138417)], trnI-GAU [complement(138555..139493)], ndhB [145934..146629], rpl2 [156597..157260]
127.	AKTR	26	rps12 [complement(72342..72455)], ycf3 [complement(44299..44451)], rps12 [144812..144837]	trnK-UUU [complement(1995..4471)], rps16 [complement(5702..6576)], trnG-UCC [9398..10110], atpF [complement(12191..13277)], rpoC1 [complement(22617..23376)], ycf3 [complement(44452..45188)], ycf3 [complement(45419..46144)], trnL-UAA [49842..50345], trnV-UAC [complement(53565..54151)], clpP [complement(72890..73541)], clpP [complement(73833..74629)], petB [77558..78358], petD [79222..79930], rpl16 [complement(84306..85408)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(87612..88275)], ndhB [complement(98243..98938)], trnI-GAU [105368..106307], trnA-UGC [106445..107244], ndhA [complement(123979..125078)], trnA-UGC [complement(138153..138952)], trnI-GAU [complement(139090..140029)], ndhB [146459..147154], rpl2 [157122..157785]
128.	ALAL	58	rps12 [complement(97088..97330)], rps12 [complement(67887..68000)], trnK [complement(1377..1405)], trnK [complement(3964..4000)], rps16 [complement(4576..4784)], rps16 [complement(5412..5451)], trnG [8517..8539], trnG [9233..9281], atpF [complement(11213..11623)], atpF [complement(12396..12539)], rpoC1 [complement(19856..21472)], rpoC1 [complement(22219..22653)], ycf3 [complement(41942..42094)], ycf3 [complement(42829..43056)], ycf3 [complement(43779..43907)], trnL [46845..46879], trnL [47185..47234], trnV [complement(50319..50355)], trnV [complement(50952..50990)], rps12 [137996..138238], clpP [complement(68127..68378)], clpP [complement(69003..69296)], clpP [complement(70110..70178)], rpl2 [complement(82810..83241)], rpl2 [complement(83903..84229)], ndhB [complement(93462..94217)], ndhB [complement(94919..95695)], trnA [101937..101974], trnA [102790..102824], ndhA [complement(118288..118827)], ndhA [complement(119954..120511)], trnA [complement(132502..132536)], trnA [complement(133352..133389)], trnI [complement(133454..133488)], trnI [complement(134423..134459)], ndhB [139631..140407], ndhB [141109..141864], rpl2 [151097..151423], rpl2 [152085..152516]	trnK [complement(1406..3963)], rps16 [complement(4785..5411)], trnG [8540..9232], atpF [complement(11624..12395)], rpoC1 [complement(21473..22218)], ycf3 [complement(42095..42828)], ycf3 [complement(43057..43778)], trnL [46880..47184], trnV [complement(50356..50951)], clpP [complement(68379..69002)], clpP [complement(69297..70109)], rpl2 [complement(83242..83902)], ndhB [complement(94218..94918)], trnA [101975..102789], ndhA [complement(118828..119953)], trnA [complement(132537..133351)], trnI [complement(133489..134422)], ndhB [140408..141108], rpl2 [151424..152084]
129.	ALAM	58	rps12 [complement(96672..96914)], rps12 [complement(67817..67930)], trnK-UUU [complement(1371..1399)], trnK-UUU [complement(3948..3984)], trnG-GCC [complement(8743..8765)], trnG-GCC [complement(9464..9512)], atpF [complement(11444..11854)], atpF [complement(12608..12751)], rpoC1 [complement(20065..21681)], rpoC1 [complement(22423..22854)], ycf3 [complement(41978..42130)], ycf3 [complement(42869..43096)], ycf3	trnK-UUU [complement(1400..3947)], trnG-GCC [complement(8766..9463)], atpF [complement(11855..12607)], rpoC1 [complement(21682..22422)], ycf3 [complement(42131..42868)], ycf3 [complement(43097..43825)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43826..43951)], trnL-UAA [46830..46864], trnL-UAA [47170..47219], trnV-UAC [complement(50261..50297)], trnV-UAC [complement(50894..50932)], rps12 [137593..137835], clpP [complement(68057..68308)], clpP [complement(68935..69228)], clpP [complement(70029..70097)], rpl2 [complement(82388..82819)], rpl2 [complement(83482..83865)], ndhB [complement(93046..93801)], ndhB [complement(94504..95280)], trnI-GAU [100457..100493], trnI-GAU [101428..101462], trnA-UGC [101527..101564], trnA-UGC [102380..102414], ndhA [complement(117963..118502)], ndhA [complement(119560..120117)], trnA-UGC [complement(132093..132127)], trnA-UGC [complement(132943..132980)], trnI-GAU [complement(133045..133079)], trnI-GAU [complement(134014..134050)], ndhB [139227..140003], ndhB [140706..141461], rpl2 [150642..151028], rpl2 [151688..152119]	[46865..47169], trnV-UAC [complement(50298..50893)], clpP [complement(68309..68934)], clpP [complement(69229..70028)], rpl2 [complement(82820..83481)], ndhB [complement(93802..94503)], trnI-GAU [100494..101427], trnA-UGC [101565..102379], ndhA [complement(118503..119559)], trnA-UGC [complement(132128..132942)], trnI-GAU [complement(133080..134013)], ndhB [140004..140705], rpl2 [151029..151687]
130.	ALAN	29	rps16 [complement(4491..4708)], rps16 [complement(5575..5611)], atpF [34827..34986], atpF [35801..36207], ycf3 [complement(43900..44058)], ycf3 [complement(44796..45025)], ycf3 [complement(45760..45886)], rps12 [68981..69103], rps12 [129553..129795], rps12 [complement(92608..92850)], rpl2 [complement(82818..83245)], rpl2 [complement(83903..84314)], ndhB [complement(88977..89734)], ndhB [complement(90444..91221)], ndhA [complement(114271..114809)], ndhA [complement(115832..116384)], ndhB [131182..131956], ndhB [132669..133426], rpl2 [138089..138497], rpl2 [139158..139585]	rps16 [complement(4709..5574)], atpF [34987..35800], ycf3 [complement(44059..44795)], ycf3 [complement(45026..45759)], rpl2 [complement(83246..83902)], ndhB [complement(89735..90443)], ndhA [complement(114810..115831)], ndhB [131957..132668], rpl2 [138498..139157]
131.	ALAR	64	rps12 [complement(89052..89080)], rps12 [complement(89621..89852)], rps12 [complement(67202..67315)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3920..3956)], rps16 [complement(4522..4739)], rps16 [complement(5561..5600)], trnG-UCC [complement(12883..12930)], trnG-UCC [complement(13609..13631)], atpF [32480..32624], atpF [33448..33854], ycf3 [complement(41662..41822)], ycf3 [complement(42552..42777)], ycf3 [complement(43534..43659)], trnL [46417..46451], trnL [46998..47047], trnV-UAC [complement(50528..50564)], trnV-UAC [complement(51167..51205)], rps12 [126600..126831], rps12 [127372..127400], petB [71092..71097], petB [71865..72506], petD [72695..72702], petD [73441..73915], rpl16	trnK-UUU [complement(1418..3919)], rps16 [complement(4740..5560)], trnG-UCC [complement(12931..13608)], atpF [32625..33447], ycf3 [complement(41823..42551)], ycf3 [complement(42778..43533)], trnL [46452..46997], trnV-UAC [complement(50565..51166)], petB [71098..71864], petD [72703..73440], rpl16 [complement(77933..78827)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(77531..77932)], rpl16 [complement(78828..78836)], rpl2 [complement(80843..81273)], rpl2 [complement(81937..82327)], ndhB [complement(85986..86741)], ndhB [complement(87454..88230)], trnI-GAU [93635..93671], trnI-GAU [94478..94512], trnA-UGC [94578..94615], trnA-UGC [95427..95461], ndhA [complement(111544..112082)], ndhA [complement(113106..113655)], trnA-UGC [complement(120991..121025)], trnA-UGC [complement(121837..121874)], trnI-GAU [complement(121940..121974)], trnI-GAU [complement(122781..122817)], ndhB [128222..128998], ndhB [129711..130466], rpl2 [134125..134515], rpl2 [135179..135609]	[complement(81274..81936)], ndhB [complement(86742..87453)], trnI-GAU [93672..94477], trnA-UGC [94616..95426], ndhA [complement(112083..113105)], trnA-UGC [complement(121026..121836)], trnI-GAU [complement(121975..122780)], ndhB [128999..129710], rpl2 [134516..135178]
132.	ALCE	37	rps12 [complement(97582..97824)], rps12 [complement(68428..68544)], trnK-UUU [complement(1382..1410)], trnK-UUU [complement(3979..4015)], atpF [complement(11516..11926)], rpoC1 [complement(20174..21790)], trnL-UAA [47464..47498], trnL-UAA [47804..47853], trnV-UAC [complement(50965..51001)], trnV-UAC [complement(51600..51636)], rps12 [138409..138651], trnI-GAU [101355..101391], trnI-GAU [102326..102360], trnA-UGC [102425..102462], trnA-UGC [103278..103312], trnA-UGC [complement(132921..132955)], trnA-UGC [complement(133771..133808)], trnI-GAU [complement(133873..133907)], trnI-GAU [complement(134842..134878)]	trnK-UUU [complement(1411..3978)], atpF [complement(11927..12705)], rpoC1 [complement(21791..22537)], ycf3 [complement(42620..43353)], ycf3 [complement(43582..44306)], trnL-UAA [47499..47803], trnV-UAC [complement(51002..51599)], clpP [complement(68923..69547)], clpP [complement(69842..70633)], rpl2 [complement(83736..84396)], ndhB [complement(94712..95412)], trnI-GAU [101392..102325], trnA-UGC [102463..103277], ndhA [complement(119266..120381)], trnA-UGC [complement(132956..133770)], trnI-GAU [complement(133908..134841)], ndhB [140821..141521], rpl2 [151837..152497]
133.	ALCH	72	rps12 [complement(97002..97027)], rps12 [complement(97570..97801)], rps12 [complement(68354..68467)], trnK-UUU [complement(1394..1422)], trnK-UUU [complement(3981..4017)], rps16 [complement(4591..4799)], rps16 [complement(5635..5674)], trnG-UCC [8763..8785], trnG-UCC [9476..9523], atpF [complement(11485..11895)], atpF [complement(12673..12816)], rpoC1	trnK-UUU [complement(1423..3980)], rps16 [complement(4800..5634)], trnG-UCC [8786..9475], atpF [complement(11896..12672)], rpoC1 [complement(21780..22534)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20163..21779)], rpoC1 [complement(22535..22969)], ycf3 [complement(42424..42576)], ycf3 [complement(43311..43538)], ycf3 [complement(44261..44389)], trnL-UAA [47327..47361], trnL-UAA [47667..47716], trnV-UAC [complement(50811..50844)], trnV-UAC [complement(51453..51489)], rps12 [138598..138829], rps12 [139372..139397], clpP [complement(68594..68845)], clpP [complement(69477..69767)], clpP [complement(70571..70639)], petB [73510..73515], petB [74309..74959], petD [75175..75182], petD [75928..76441], rpl16 [complement(79943..80353)], rpl16 [complement(81400..81408)], rpl2 [complement(83286..83717)], rpl2 [complement(84380..84706)], ndhB [complement(93933..94688)], ndhB [complement(95390..96166)], trnI-GAU [101360..101396], trnI-GAU [102360..102394], trnA-UGC [102459..102496], trnA-UGC [103312..103346], ndhA [complement(118843..119382)], ndhA [complement(120504..121061)], trnA-UGC [complement(133053..133087)], trnA-UGC [complement(133903..133940)], trnI-GAU [complement(134005..134039)], trnI-GAU [complement(135003..135039)], ndhB [140233..141009], ndhB [141711..142466], rpl2 [151693..152019], rpl2 [152682..153113]	[complement(42577..43310)], ycf3 [complement(43539..44260)], trnL-UAA [47362..47666], trnV-UAC [complement(50845..51452)], clpP [complement(68846..69476)], clpP [complement(69768..70570)], petB [73516..74308], petD [75183..75927], rpl16 [complement(80354..81399)], rpl2 [complement(83718..84379)], ndhB [complement(94689..95389)], trnI-GAU [101397..102359], trnA-UGC [102497..103311], ndhA [complement(119383..120503)], trnA-UGC [complement(133088..133902)], trnI-GAU [complement(134040..135002)], ndhB [141010..141710], rpl2 [152020..152681]
134.	ALCI	32	rps16 [complement(4366..4583)], rps16 [complement(5304..5340)], trnT-GGU [15871..15906], trnT-GGU [15979..16014], atpF [34606..34765], atpF [35583..35989], ycf3 [complement(43710..43868)], ycf3 [complement(44602..44831)], ycf3 [complement(45574..45700)], rps12 [68655..68777], rps12 [128904..129146], rps12 [complement(91936..92178)], rpl2 [complement(82336..82763)], rpl2 [complement(83421..83832)], ndhB [complement(88305..89062)], ndhB [complement(89772..90549)], ndhA [complement(113577..114115)], ndhA [complement(115139..115691)], ndhB [130533..131307], ndhB [132008..132765], rpl2 [137237..137641], rpl2 [138302..138733]	rps16 [complement(4584..5303)], trnT-GGU [15907..15978], atpF [34766..35582], ycf3 [complement(43869..44601)], ycf3 [complement(44832..45573)], rpl2 [complement(82764..83420)], ndhB [complement(89063..89771)], ndhA [complement(114116..115138)], ndhB [131308..132007], rpl2 [137642..138301]
135.	ALCN	34	rps12 [complement(96188..96430)], rps12 [complement(67054..67179)], atpF [complement(10299..10709)], atpF [complement(11476..11619)], rpoC1 [complement(18999..20615)], rpoC1 [complement(21362..21793)], ycf3 [complement(41136..41288)], ycf3 [complement(42038..42265)], ycf3	atpF [complement(10710..11475)], rpoC1 [complement(20616..21361)], ycf3 [complement(41289..42037)], ycf3 [complement(42266..42990)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42991..43116)], rps12 [137419..137661], clpP [complement(67306..67557)], clpP [complement(68202..68492)], clpP [complement(69296..69364)], rpl2 [complement(81940..82365)], rpl2 [complement(83031..83417)], ndhB [complement(92561..93316)], ndhB [complement(94018..94794)], ndhA [complement(117680..118219)], ndhA [complement(119356..119913)], ndhB [139055..139831], ndhB [140533..141288], rpl2 [150432..150818], rpl2 [151478..151909]	[complement(67558..68201)], clpP [complement(68493..69295)], rpl2 [complement(82366..83030)], ndhB [complement(93317..94017)], ndhA [complement(118220..119355)], ndhB [139832..140532], rpl2 [150819..151477]
136.	ALCO	49	rps12 [complement(102894..102924)], rps12 [complement(103462..103693)], rps12 [complement(74697..74811)], rps16 [complement(5441..5638)], rps16 [complement(6560..6601)], trnN-GUU [complement(8525..8552)], trnN-GUU [complement(8554..8590)], atpF [complement(13646..14055)], atpF [complement(14799..14946)], rpoC1 [complement(23205..24821)], rpoC1 [complement(25662..26096)], ycf3 [complement(46867..47019)], ycf3 [complement(47815..48044)], ycf3 [complement(48752..48878)], rps12 [complement(74697..74811)], rps12 [146655..146886], rps12 [147424..147454], clpP [complement(74964..75191)], clpP [complement(75802..76095)], clpP [complement(76949..77017)], petB [79968..79973], petB [80789..81430], petD [81635..81643], petD [82264..82737], rpl16 [complement(86273..86671)], rpl16 [complement(87783..87791)], rpl2 [complement(89538..90007)], rpl2 [complement(90658..91048)], ndhB [complement(99833..100594)], ndhB [complement(101281..102057)], ndhA [complement(125987..126526)], ndhA [complement(127692..128243)], ndhB [148291..149067], ndhB [149754..150515]	rps16 [complement(5639..6559)], trnN-GUU [complement(8553..8553)], atpF [complement(14056..14798)], rpoC1 [complement(24822..25661)], ycf3 [complement(47020..47814)], ycf3 [complement(48045..48751)], clpP [complement(75192..75801)], clpP [complement(76096..76948)], petB [79974..80788], petD [81644..82263], rpl16 [complement(86672..87782)], rpl2 [complement(90008..90657)], ndhB [complement(100595..101280)], ndhA [complement(126527..127691)], ndhB [149068..149753]
137.	ALCR	75	rps12 [complement(102519..102545)], rps12 [complement(103082..103312)], rps12 [complement(74288..74401)], trnH-GUG [complement(160501..160538)], trnH-GUG [complement(1..35)], trnK-UUU [complement(1844..1878)], trnK-UUU [complement(4426..4462)], rps16 [complement(5598..5809)], rps16 [complement(6717..6756)], trnG-UCC [10718..10741], trnG-UCC [11465..11512], atpF [complement(13780..14190)], atpF [complement(14938..15081)], rpoC1 [complement(23367..24983)], rpoC1 [complement(25378..25833)], ycf3 [complement(46343..46495)], ycf3	trnH-GUG [complement(160539..0)], trnK- UUU [complement(1879..4425)], rps16 [complement(5810..6716)], trnG-UCC [10742..11464], atpF [complement(14191..14937)], rpoC1 [complement(24984..25377)], ycf3 [complement(46496..47291)], ycf3 [complement(47522..48228)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(47292..47521)], ycf3 [complement(48229..48355)], trnL-UAA [51096..51132], trnL-UAA [51665..51714], trnV-UAC [complement(55326..55362)], trnV-UAC [complement(55985..56022)], rps12 [complement(74288..74401)], rps12 [146301..146531], rps12 [147069..147098], clpP [complement(74554..74781)], clpP [complement(75393..75684)], clpP [complement(76539..76609)], petB [79563..79568], petB [80376..81017], petD [81222..81229], petD [81844..82324], rpl16 [complement(85863..86261)], rpl16 [complement(87378..87386)], rpl2 [complement(89153..89622)], rpl2 [complement(90270..90663)], ndhB [complement(99454..100215)], ndhB [complement(100902..101678)], trnI-GAU [107102..107143], trnI-GAU [108094..108128], trnA-UGC [108193..108230], trnA-UGC [109032..109073], ndhA [complement(125615..126153)], ndhA [complement(127324..127879)], trnA-UGC [complement(140540..140581)], trnA-UGC [complement(141485..141519)], trnI-GAU [complement(142470..142511)], ndhB [147935..148711], ndhB [149398..150159], rpl2 [158950..159340], rpl2 [159991..160460]	[51133..51664], trnV-UAC [complement(55363..55984)], clpP [complement(74782..75392)], clpP [complement(75685..76538)], petB [79569..80375], petD [81230..81843], rpl16 [complement(86262..87377)], rpl2 [complement(89623..90269)], ndhB [complement(100216..100901)], trnI-GAU [107144..108093], trnA-UGC [108231..109031], ndhA [complement(126154..127323)], trnA-UGC [complement(140582..141484)], trnI-GAU [complement(141520..142469)], ndhB [148712..149397], rpl2 [159341..159990]
138.	ALCS	72	rps12 [complement(99498..99523)], rps12 [complement(100060..100291)], rps12 [complement(71669..71782)], trnK-UUU [complement(1752..1786)], trnK-UUU [complement(4258..4294)], rps16 [complement(5043..5261)], rps16 [complement(6117..6155)], trnG-UCC [9738..9760], trnG-UCC [10438..10484], atpF [complement(12378..12785)], atpF [complement(13486..13644)], rpoC1 [complement(21585..23210)], rpoC1 [complement(23958..24392)], ycf3 [complement(43597..43749)], ycf3 [complement(44472..44699)], ycf3 [complement(45416..45541)], trnL-UAA [48685..48719], trnL-UAA [49230..49279], trnV-UAC [complement(53148..53184)], trnV-UAC [complement(53781..53819)], rps12 [142512..142743], rps12 [143280..143305], clpP [complement(71921..72148)], clpP [complement(72818..73108)], clpP [complement(73905..73973)], petB [76900..76905], petB [77670..78311], petD [78499..78506], petD [79253..79727], rpl16 [complement(83139..83540)], rpl16 [complement(84566..84574)], rpl2 [complement(86222..86656)], rpl2	trnK-UUU [complement(1787..4257)], rps16 [complement(5262..6116)], trnG-UCC [9761..10437], atpF [complement(12786..13485)], rpoC1 [complement(23211..23957)], ycf3 [complement(43750..44471)], ycf3 [complement(44700..45415)], trnL-UAA [48720..49229], trnV-UAC [complement(53185..53780)], clpP [complement(72149..72817)], clpP [complement(73109..73904)], petB [76906..77669], petD [78507..79252], rpl16 [complement(83541..84565)], rpl2 [complement(86657..87318)], ndhB [complement(97177..97855)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87319..87711)], ndhB [complement(96421..97176)], ndhB [complement(97856..98632)], trnI-GAU [104231..104272], trnI-GAU [105210..105244], trnA-UGC [105309..105346], trnA-UGC [106154..106188], ndhA [complement(122155..122694)], ndhA [complement(123810..124361)], trnA-UGC [complement(136615..136649)], trnA-UGC [complement(137457..137494)], trnI-GAU [complement(137559..137593)], trnI-GAU [complement(138531..138572)], ndhB [144171..144947], ndhB [145627..146382], rpl2 [155092..155481], rpl2 [156147..156581]	[104273..105209], trnA-UGC [105347..106153], ndhA [complement(122695..123809)], trnA-UGC [complement(136650..137456)], trnI-GAU [complement(137594..138530)], ndhB [144948..145626], rpl2 [155482..156146]
139.	ALCT	72	rps12 [complement(98784..98809)], rps12 [complement(99346..99577)], rps12 [complement(71705..71818)], trnK-UUU [complement(1670..1704)], trnK-UUU [complement(4193..4229)], rps16 [complement(5098..5324)], rps16 [complement(6184..6223)], trnG-UCC [9746..9768], trnG-UCC [10459..10506], atpF [complement(12439..12849)], atpF [complement(13555..13698)], rpoC1 [complement(21540..23159)], rpoC1 [complement(23907..24362)], ycf3 [complement(43547..43699)], ycf3 [complement(44424..44653)], ycf3 [complement(45361..45484)], trnL-UAA [48427..48461], trnL-UAA [48950..48999], trnV-UAC [complement(52967..53001)], trnV-UAC [complement(53588..53625)], rps12 [140677..140908], rps12 [141445..141470], clpP [complement(71952..72104)], clpP [complement(72369..72660)], clpP [complement(73395..73465)], petB [76373..76378], petB [77199..77840], petD [78023..78030], petD [78776..79250], rpl16 [complement(82696..83094)], rpl16 [complement(83982..83990)], rpl2 [complement(85645..86078)], rpl2 [complement(86746..87136)], ndhB [complement(95777..96532)], ndhB [complement(97212..97988)], trnI-GAU [103271..103307], trnI-GAU [104251..104285], trnA-UGC [104350..104387], trnA-UGC [105198..105232], ndhA [complement(120753..121291)], ndhA [complement(122331..122883)], trnA-UGC [complement(135022..135056)], trnA-UGC [complement(135867..135904)], trnI-GAU [complement(135969..136003)], trnI-GAU [complement(136947..136983)], ndhB [142266..143042], ndhB [143722..144477], rpl2 [153118..153508], rpl2 [154176..154609]	trnK-UUU [complement(1705..4192)], rps16 [complement(5325..6183)], trnG-UCC [9769..10458], atpF [complement(12850..13554)], rpoC1 [complement(23160..23906)], ycf3 [complement(43700..44423)], ycf3 [complement(44654..45360)], trnL-UAA [48462..48949], trnV-UAC [complement(53002..53587)], clpP [complement(72105..72368)], clpP [complement(72661..73394)], petB [76379..77198], petD [78031..78775], rpl16 [complement(83095..83981)], rpl2 [complement(86079..86745)], ndhB [complement(96533..97211)], trnI-GAU [103308..104250], trnA-UGC [104388..105197], ndhA [complement(121292..122330)], trnA-UGC [complement(135057..135866)], trnI-GAU [complement(136004..136946)], ndhB [143043..143721], rpl2 [153509..154175]
140.	ALCY	72	rps12 [complement(96960..96985)], rps12 [complement(97528..97759)],	trnK-UUU [complement(1423..3965)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(68307..68420)], trnK-UUU [complement(1394..1422)], trnK-UUU [complement(3966..4002)], rps16 [complement(4551..4759)], rps16 [complement(5601..5640)], trnG-UCC [8750..8772], trnG-UCC [9468..9516], atpF [complement(11459..11869)], atpF [complement(12644..12787)], rpoC1 [complement(20119..21735)], rpoC1 [complement(22490..22924)], ycf3 [complement(42316..42468)], ycf3 [complement(43207..43434)], ycf3 [complement(44176..44304)], trnL-UAA [47272..47306], trnL-UAA [47612..47661], trnV-UAC [complement(50750..50786)], trnV-UAC [complement(51395..51431)], rps12 [138505..138736], rps12 [139279..139304], clpP [complement(68547..68798)], clpP [complement(69437..69730)], clpP [complement(70537..70605)], petB [73479..73484], petB [74279..74929], petD [75145..75152], petD [75898..76411], rpl16 [complement(79879..80289)], rpl16 [complement(81352..81360)], rpl2 [complement(83240..83671)], rpl2 [complement(84334..84660)], ndhB [complement(93887..94642)], ndhB [complement(95349..96125)], trnI-GAU [101301..101337], trnI-GAU [102301..102335], trnA-UGC [102400..102437], trnA-UGC [103253..103287], ndhA [complement(118769..119308)], ndhA [complement(120423..120980)], trnA-UGC [complement(132977..133011)], trnA-UGC [complement(133827..133864)], trnI-GAU [complement(133929..133963)], trnI-GAU [complement(134927..134963)], ndhB [140139..140915], ndhB [141622..142377], rpl2 [151604..151930], rpl2 [152593..153024]	[complement(4760..5600)], trnG-UCC [8773..9467], atpF [complement(11870..12643)], rpoC1 [complement(21736..22489)], ycf3 [complement(42469..43206)], ycf3 [complement(43435..44175)], trnL-UAA [47307..47611], trnV-UAC [complement(50787..51394)], clpP [complement(68799..69436)], clpP [complement(69731..70536)], petB [73485..74278], petD [75153..75897], rpl16 [complement(80290..81351)], rpl2 [complement(83672..84333)], ndhB [complement(94643..95348)], trnI-GAU [101338..102300], trnA-UGC [102438..103252], ndhA [complement(119309..120422)], trnA-UGC [complement(133012..133826)], trnI-GAU [complement(133964..134926)], ndhB [140916..141621], rpl2 [151931..152592]
141.	ALDE	27	trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4319..4355)], trnG-UCC [8070..8092], trnG-UCC [8808..8856], trnL-UAA [45908..45944], trnL-UAA [46265..46314], trnV-UAC [complement(49484..49520)], trnV-UAC [complement(50123..50171)], rps12 [67194..67307], rps12 [137135..137377], rps12 [complement(95852..96094)], trnI-GAU [99998..100039], trnI-GAU [100981..101015], trnA-UGC [101080..101117], trnA-UGC [101918..101952], trnA-UGC [complement(131277..131311)], trnA-UGC [complement(132112..132149)], trnI-GAU [complement(132214..132248)], trnI-GAU [complement(133190..133231)]	trnK-UUU [complement(1765..4318)], trnG-UCC [8093..8807], trnL-UAA [45945..46264], trnV-UAC [complement(49521..50122)], trnI-GAU [100040..100980], trnA-UGC [101118..101917], trnA-UGC [complement(131312..132111)], trnI-GAU [complement(132249..133189)]
142.	ALEB	70	rps12 [complement(97290..97315)], rps12 [complement(97852..98083)],	trnK-UUU [complement(1838..4348)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69716..69829)], trnK-UUU [complement(1803..1837)], trnK-UUU [complement(4349..4385)], rps16 [complement(5240..5483)], rps16 [complement(6351..6388)], rpoC1 [10240..10674], rpoC1 [11410..13041], atpF [20809..20966], atpF [21687..22095], trnG-GCC [complement(24126..24163)], trnG-GCC [complement(24870..24892)], ycf3 [complement(40700..40852)], ycf3 [complement(41614..41841)], ycf3 [complement(42574..42699)], trnL-UAA [45938..45974], trnL-UAA [46480..46529], trnV-UAC [complement(50304..50340)], trnV-UAC [complement(50941..50979)], rps12 [141012..141243], rps12 [141780..141805], clpP [complement(69998..70513)], clpP [complement(71355..71423)], petB [74352..74357], petB [75100..75756], petD [75939..75947], petD [76686..77210], rpl16 [complement(80687..81088)], rpl16 [complement(82133..82141)], rpl2 [complement(83775..84209)], rpl2 [complement(84882..85274)], ndhB [complement(94232..94987)], ndhB [complement(95667..96443)], trnI-GAU [102030..102071], trnI-GAU [103011..103045], trnA-UGC [103110..103147], trnA-UGC [103955..103989], ndhA [complement(120591..121129)], ndhA [complement(122014..122566)], trnA-UGC [complement(135106..135140)], trnA-UGC [complement(135948..135985)], trnI-GAU [complement(136050..136084)], trnI-GAU [complement(137024..137065)], ndhB [142652..143428], ndhB [144108..144863], rpl2 [153821..154213], rpl2 [154886..155320]</p>	<p>[complement(5484..6350)], rpoC1 [10675..11409], atpF [20967..21686], trnG-GCC [complement(24164..24869)], ycf3 [complement(40853..41613)], ycf3 [complement(41842..42573)], trnL-UAA [45975..46479], trnV-UAC [complement(50341..50940)], clpP [complement(70514..71354)], petB [74358..75099], petD [75948..76685], rpl16 [complement(81089..82132)], rpl2 [complement(84210..84881)], ndhB [complement(94988..95666)], trnI-GAU [102072..103010], trnA-UGC [103148..103954], ndhA [complement(121130..122013)], trnA-UGC [complement(135141..135947)], trnI-GAU [complement(136085..137023)], ndhB [143429..144107], rpl2 [154214..154885]</p>
143.	ALFA	27	<p>rps16 [complement(4709..4914)], rps16 [complement(5722..5761)], ycf3 [complement(44085..44210)], rps12 [140625..140654], trnA-UGC [complement(134848..134885)]</p>	<p>trnK-UUU [complement(1462..4021)], rps16 [complement(4915..5721)], trnG-UCC [8637..9382], atpF [complement(11818..12630)], rpoC1 [complement(22071..22807)], ycf3 [complement(42405..43139)], ycf3 [complement(43368..44084)], trnL-UAA [46963..47465], trnV-UAC [complement(51486..52081)], clpP [complement(69427..70062)], clpP [complement(70354..71158)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[74120..74917], petD [75766..76519], rpl16 [complement(80857..81803)], ndhB [complement(94966..95665)], trnI-GAU [102012..102957], trnA-UGC [103095..103899], ndhA [complement(120032..121118)], trnA-UGC [complement(134043..134847)], trnI-GAU [complement(134985..135930)], ndhB [142277..142976], rpl2 [153184..153835]
144.	ALFI	49	rps12 [complement(96573..96598)], rps12 [complement(97141..97372)], rps12 [complement(67927..68040)], trnK-UUU [complement(1376..1404)], trnK-UUU [complement(3957..3993)], rps16 [complement(4569..4777)], rps16 [complement(5405..5444)], trnG-UCC [8488..8510], trnG-UCC [9204..9252], atpF [complement(11190..11600)], atpF [complement(12373..12516)], rpoC1 [complement(19833..21449)], rpoC1 [complement(22197..22631)], ycf3 [complement(41929..42081)], ycf3 [complement(42821..43048)], ycf3 [complement(43771..43899)], trnL-UAA [46856..46890], trnL-UAA [47196..47245], trnV-UAC [complement(50330..50366)], trnV-UAC [complement(50965..51001)], rps12 [138030..138261], rps12 [138804..138829], clpP [complement(68167..68418)], clpP [complement(69043..69336)], clpP [complement(70154..70222)], petB [73093..73098], petB [73906..74556], petD [74772..74779], petD [75526..76039], rpl16 [complement(79545..79955)], rpl16 [complement(81000..81008)], rpl2 [complement(82852..83283)], rpl2 [complement(83945..84271)], ndhB [complement(93504..94259)], ndhB [complement(94961..95737)], trnI-GAU [100909..100945], trnI-GAU [101880..101914], trnA-UGC [101979..102018], trnA-UGC [102832..102866], ndhA [complement(118329..118868)], ndhA [complement(119988..120545)], trnA-UGC [complement(132536..132570)], trnA-UGC [complement(133386..133423)], trnI-GAU [complement(133488..133522)], trnI-GAU [complement(134457..134493)], ndhB [139665..140441], ndhB [141143..141898], rpl2 [151131..151457], rpl2 [152119..152550]	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
145.	ALGL	73	<p>rps12 [complement(102734..102763)], rps12 [complement(103301..103531)], rps12 [complement(74543..74656)], trnK-UUU [complement(1594..1628)], trnK-UUU [complement(4167..4203)], rps16 [complement(5091..5306)], rps16 [complement(6210..6251)], trnS-CGA [10260..10282], trnS-CGA [11013..11050], atpF [complement(13306..13716)], atpF [complement(14466..14609)], rpoC1 [complement(22869..24494)], rpoC1 [complement(25338..25769)], ycf3 [complement(46528..46680)], ycf3 [complement(47476..47703)], ycf3 [complement(48414..48539)], trnL-UAA [51277..51311], trnL-UAA [51847..51896], trnV-UAC [complement(55362..55396)], trnV-UAC [complement(56021..56058)], rps12 [complement(74543..74656)], rps12 [146537..146768], rps12 [147305..147330], clpP [complement(74795..75022)], clpP [complement(75632..75925)], clpP [complement(76779..76847)], petB [79799..79804], petB [80618..81259], petD [81464..81472], petD [82093..82566], rpl16 [complement(86106..86504)], rpl16 [complement(87622..87630)], rpl2 [complement(89378..89812)], rpl2 [complement(90499..90888)], ndhB [complement(99673..100434)], ndhB [complement(101121..101897)], trnI-GAU [107320..107356], trnI-GAU [108312..108346], trnA-UGC [108411..108448], trnA-UGC [109257..109291], ndhA [complement(125855..126393)], ndhA [complement(127562..128117)], trnA-UGC [complement(140777..140811)], trnA-UGC [complement(141620..141657)], trnI-GAU [complement(141722..141756)], trnI-GAU [complement(142712..142748)], ndhB [148171..148947], ndhB [149634..150395], rpl2 [159180..159569], rpl2 [160256..160690]</p>	<p>trnK-UUU [complement(1629..4166)], rps16 [complement(5307..6209)], trnS-CGA [10283..11012], atpF [complement(13717..14465)], rpoC1 [complement(24495..25337)], ycf3 [complement(46681..47475)], ycf3 [complement(47704..48413)], trnL-UAA [51312..51846], trnV-UAC [complement(55397..56020)], clpP [complement(75023..75631)], clpP [complement(75926..76778)], petB [79805..80617], petD [81473..82092], rpl16 [complement(86505..87621)], rpl2 [complement(89813..90498)], ndhB [complement(100435..101120)], trnI-GAU [107357..108311], trnA-UGC [108449..109256], ndhA [complement(126394..127561)], trnA-UGC [complement(140812..141619)], trnI-GAU [complement(141757..142711)], ndhB [148948..149633], rpl2 [159570..160255]</p>
146.	ALGR	46	<p>rps12 [complement(101102..101128)], rps12 [complement(101665..101895)], rps12 [complement(73494..73607)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4376..4412)], trnG-UCC [10387..10410], trnG-UCC [11173..11220], trnL-UAA [49522..49556], trnL-UAA [50036..50085], trnV-UAC [complement(54612..54648)], trnV-UAC [complement(55235..55273)], rps12 [complement(73494..73607)], rps12 [145120..145349], rps12 [145886..145913], clpP [complement(73754..73999)], petD [81029..81509], trnI-GAU [105757..105798], trnI-GAU [106738..106772], trnA-UGC</p>	<p>trnK-UUU [complement(1861..4375)], rps16 [complement(5463..6304)], trnG-UCC [10411..11172], atpF [complement(13537..14256)], rpoC1 [complement(23557..24271)], ycf3 [complement(44940..45672)], ycf3 [complement(45902..46636)], trnL-UAA [49557..50035], trnV-UAC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[106837..106874], trnA-UGC [107673..107707], trnA-UGC [complement(139308..139342)], trnA-UGC [complement(140141..140178)], trnI-GAU [complement(140243..140277)], trnI-GAU [complement(141217..141258)]	[complement(54649..55234)], clpP [complement(74000..74652)], clpP [complement(74945..75721)], petB [78683..79471], petD [80319..81028], rpl16 [complement(85337..86315)], rpl2 [complement(88482..89165)], ndhB [complement(98774..99475)], trnI-GAU [105799..106737], trnA-UGC [106875..107672], ndhA [complement(125246..126368)], trnA-UGC [complement(139343..140140)], trnI-GAU [complement(140278..141216)], ndhB [147540..148241]
147.	ALHE	72	rps12 [complement(96973..96998)], rps12 [complement(97541..97772)], rps12 [complement(68374..68487)], trnK-UUU [complement(1394..1422)], trnK-UUU [complement(3976..4012)], rps16 [complement(4582..4790)], rps16 [complement(5646..5685)], trnG-UCC [8779..8801], trnG-UCC [9496..9544], atpF [complement(11474..11884)], atpF [complement(12656..12799)], rpoC1 [complement(20124..21740)], rpoC1 [complement(22496..22930)], ycf3 [complement(42407..42559)], ycf3 [complement(43297..43524)], ycf3 [complement(44246..44374)], trnL-UAA [47329..47363], trnL-UAA [47669..47718], trnV-UAC [complement(50808..50844)], trnV-UAC [complement(51453..51489)], rps12 [138492..138723], rps12 [139266..139291], clpP [complement(68614..68865)], clpP [complement(69494..69787)], clpP [complement(70588..70656)], petB [73526..73531], petB [74326..74976], petD [75192..75199], petD [75945..76458], rpl16 [complement(79954..80364)], rpl16 [complement(81396..81404)], rpl2 [complement(83256..83687)], rpl2 [complement(84350..84676)], ndhB [complement(93903..94658)], ndhB [complement(95360..96136)], trnI-GAU [101321..101357], trnI-GAU [102292..102326], trnA-UGC [102391..102428], trnA-UGC [103244..103278], ndhA [complement(118776..119315)], ndhA [complement(120435..120992)],	trnK-UUU [complement(1423..3975)], rps16 [complement(4791..5645)], trnG-UCC [8802..9495], atpF [complement(11885..12655)], rpoC1 [complement(21741..22495)], ycf3 [complement(42560..43296)], ycf3 [complement(43525..44245)], trnL-UAA [47364..47668], trnV-UAC [complement(50845..51452)], clpP [complement(68866..69493)], clpP [complement(69788..70587)], petB [73532..74325], petD [75200..75944], rpl16 [complement(80365..81395)], rpl2 [complement(83688..84349)], ndhB [complement(94659..95359)], trnI-GAU [101358..102291], trnA-UGC [102429..103243], ndhA [complement(119316..120434)], trnA-UGC [complement(133021..133835)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(132986..133020)], trnA-UGC [complement(133836..133873)], trnI-GAU [complement(133938..133972)], trnI-GAU [complement(134907..134943)], ndhB [140128..140904], ndhB [141606..142361], rpl2 [151588..151914], rpl2 [152577..153008]	[complement(133973..134906)], ndhB [140905..141605], rpl2 [151915..152576]
148.	ALHU	46	rps12 [complement(101084..101110)], rps12 [complement(101647..101877)], rps12 [complement(73498..73611)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4397..4433)], trnG-UCC [10410..10433], trnG-UCC [11196..11243], trnL-UAA [49542..49576], trnL-UAA [50056..50105], trnV-UAC [complement(54626..54662)], trnV-UAC [complement(55249..55287)], rps12 [complement(73498..73611)], rps12 [145091..145320], rps12 [145857..145884], clpP [complement(73758..74003)], petD [81016..81496], trnI-GAU [105739..105780], trnI-GAU [106720..106754], trnA-UGC [106819..106856], trnA-UGC [107655..107689], trnA-UGC [complement(139279..139313)], trnA-UGC [complement(140112..140149)], trnI-GAU [complement(140214..140248)], trnI-GAU [complement(141188..141229)]	trnK-UUU [complement(1883..4396)], rps16 [complement(5484..6324)], trnG-UCC [10434..11195], atpF [complement(13558..14279)], rpoC1 [complement(23580..24298)], ycf3 [complement(44968..45699)], ycf3 [complement(45929..46664)], trnL-UAA [49577..50055], trnV-UAC [complement(54663..55248)], clpP [complement(74004..74658)], clpP [complement(74951..75717)], petB [78671..79458], petD [80306..81015], rpl16 [complement(85325..86305)], rpl2 [complement(88469..89151)], ndhB [complement(98756..99457)], trnI-GAU [105781..106719], trnA-UGC [106857..107654], ndhA [complement(125223..126345)], trnA-UGC [complement(139314..140111)], trnI-GAU [complement(140249..141187)], ndhB [147511..148212]
149.	ALIN	49	rps12 [complement(102825..102855)], rps12 [complement(103393..103624)], rps12 [complement(74630..74744)], rps16 [complement(5368..5565)], rps16 [complement(6487..6528)], trnN-GUU [complement(8429..8456)], trnN-GUU [complement(8458..8494)], atpF [complement(13584..13993)], atpF [complement(14740..14887)], rpoC1 [complement(23147..24763)], rpoC1 [complement(25613..26047)], ycf3 [complement(46797..46949)], ycf3 [complement(47745..47974)], ycf3 [complement(48682..48808)], rps12	rps16 [complement(5566..6486)], trnN-GUU [complement(8457..8457)], atpF [complement(13994..14739)], rpoC1 [complement(24764..25612)], ycf3 [complement(46950..47744)], ycf3 [complement(47975..48681)], clpP [complement(75111..75719)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74630..74744)], rps12 [146615..146846], rps12 [147384..147414], clpP [complement(74883..75110)], clpP [complement(75720..76013)], clpP [complement(76868..76936)], petB [79888..79893], petB [80707..81348], petD [81553..81561], petD [82182..82655], rpl16 [complement(86196..86594)], rpl16 [complement(87712..87720)], rpl2 [complement(89469..89938)], rpl2 [complement(90589..90979)], ndhB [complement(99764..100525)], ndhB [complement(101212..101988)], ndhA [complement(125934..126473)], ndhA [complement(127645..128196)], ndhB [148251..149027], ndhB [149714..150475]	[complement(76014..76867)], petB [79894..80706], petD [81562..82181], rpl16 [complement(86595..87711)], rpl2 [complement(89939..90588)], ndhB [complement(100526..101211)], ndhA [complement(126474..127644)], ndhB [149028..149713]
150.	ALJA	49	rps12 [complement(102820..102850)], rps12 [complement(103388..103619)], rps12 [complement(74608..74722)], rps16 [complement(5506..5703)], rps16 [complement(6643..6684)], trnN-GUU [complement(8616..8637)], trnN-GUU [complement(8634..8674)], atpF [complement(13712..14121)], atpF [complement(14891..15038)], rpoC1 [complement(23325..24941)], rpoC1 [complement(25790..26224)], ycf3 [complement(46894..47046)], ycf3 [complement(47842..48071)], ycf3 [complement(48780..48906)], rps12 [complement(74608..74722)], rps12 [146596..146827], rps12 [147365..147395], clpP [complement(74880..75107)], clpP [complement(75717..76010)], clpP [complement(76864..76932)], petB [79891..79896], petB [80721..81362], petD [81567..81575], petD [82196..82669], rpl16 [complement(86211..86609)], rpl16 [complement(87722..87730)], rpl2 [complement(89464..89933)], rpl2 [complement(90584..90974)], ndhB [complement(99759..100520)], ndhB [complement(101207..101983)], ndhA [complement(125924..126463)], ndhA [complement(127636..128187)], ndhB [148232..149008], ndhB [149695..150456]	rps16 [complement(5704..6642)], trnN-GUU [complement(8638..8633)], atpF [complement(14122..14890)], rpoC1 [complement(24942..25789)], ycf3 [complement(47047..47841)], ycf3 [complement(48072..48779)], clpP [complement(75108..75716)], clpP [complement(76011..76863)], petB [79897..80720], petD [81576..82195], rpl16 [complement(86610..87721)], rpl2 [complement(89934..90583)], ndhB [complement(100521..101206)], ndhA [complement(126464..127635)], ndhB [149009..149694]
151.	ALKI	26	trnK-UUU [complement(1395..1434)], trnK-UUU [complement(4030..4066)], rps12 [142197..142222]	trnK-UUU [complement(1435..4029)], rps16 [complement(4909..5767)], trnG-GCC [9737..10438], atpF [complement(12824..13646)], rpoC1 [complement(22822..23571)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(43833..44565)], ycf3 [complement(44796..45524)], trnL-UAA [48104..48616], trnV-UAC [complement(52442..53030)], clpP [complement(71179..71846)], clpP [complement(72135..72918)], petB [76425..76651], petD [77510..78246], rpl16 [complement(82615..83581)], rpl2 [complement(85854..86517)], ndhB [complement(96711..97405)], trnI-GAU [103758..104688], trnA-UGC [104826..105640], ndhA [complement(121714..122793)], trnA-UGC [complement(135602..136416)], trnI-GAU [complement(136554..137484)], ndhB [143837..144531], rpl2 [154725..155388]
152.	ALKU	72	rps12 [complement(99711..99736)], rps12 [complement(100273..100504)], rps12 [complement(71869..71982)], trnK-UUU [complement(1759..1793)], trnK-UUU [complement(4265..4301)], rps16 [complement(5051..5269)], rps16 [complement(6124..6162)], trnG-UCC [9747..9769], trnG-UCC [10447..10494], atpF [complement(12415..12822)], atpF [complement(13523..13681)], rpoC1 [complement(21681..23306)], rpoC1 [complement(24060..24494)], ycf3 [complement(43709..43861)], ycf3 [complement(44584..44811)], ycf3 [complement(45528..45653)], trnL-UAA [48786..48820], trnL-UAA [49331..49380], trnV-UAC [complement(53312..53348)], trnV-UAC [complement(53945..53983)], rps12 [142712..142943], rps12 [143480..143505], clpP [complement(72121..72348)], clpP [complement(73018..73308)], clpP [complement(74101..74169)], petB [77095..77100], petB [77864..78505], petD [78693..78700], petD [79455..79929], rpl16 [complement(83339..83740)], rpl16 [complement(84767..84775)], rpl2 [complement(86423..86857)], rpl2 [complement(87520..87912)], ndhB [complement(96634..97389)], ndhB	trnK-UUU [complement(1794..4264)], rps16 [complement(5270..6123)], trnG-UCC [9770..10446], atpF [complement(12823..13522)], rpoC1 [complement(23307..24059)], ycf3 [complement(43862..44583)], ycf3 [complement(44812..45527)], trnL-UAA [48821..49330], trnV-UAC [complement(53349..53944)], clpP [complement(72349..73017)], clpP [complement(73309..74100)], petB [77101..77863], petD [78701..79454], rpl16 [complement(83741..84766)], rpl2 [complement(86858..87519)], ndhB [complement(97390..98068)], trnI-GAU [104481..105416], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98069..98845)], trnI-GAU [104439..104480], trnI-GAU [105417..105451], trnA-UGC [105516..105553], trnA-UGC [106361..106395], ndhA [complement(122379..122918)], ndhA [complement(124029..124580)], trnA-UGC [complement(136821..136855)], trnA-UGC [complement(137663..137700)], trnI-GAU [complement(137765..137799)], trnI-GAU [complement(138736..138777)], ndhB [144371..145147], ndhB [145827..146582], rpl2 [155304..155693], rpl2 [156359..156793]	[105554..106360], ndhA [complement(122919..124028)], trnA-UGC [complement(136856..137662)], trnI-GAU [complement(137800..138735)], ndhB [145148..145826], rpl2 [155694..156358]
153.	ALM A	70	rps12 [complement(97918..98175)], rps12 [complement(69141..69254)], trnK-UUU [complement(1368..1402)], trnK-UUU [complement(4004..4040)], rps16 [complement(4701..4913)], rps16 [complement(5744..5782)], trnG-UCC [8677..8699], trnG-UCC [9381..9429], atpF [complement(11347..11754)], atpF [complement(12561..12719)], rpoC1 [complement(20172..21800)], rpoC1 [complement(22531..22965)], ycf3 [complement(41861..42013)], ycf3 [complement(42786..43013)], ycf3 [complement(43758..43886)], trnL-UAA [46635..46671], trnL-UAA [47191..47240], trnV-UAC [complement(50802..50838)], trnV-UAC [complement(51435..51473)], rps12 [138568..138825], clpP [complement(69388..69639)], clpP [complement(70303..70593)], clpP [complement(71420..71488)], petB [74407..74412], petB [75205..75855], petD [76112..76120], petD [76822..77346], rpl16 [complement(80904..81305)], rpl16 [complement(82282..82290)], rpl2 [complement(84195..84626)], rpl2 [complement(85288..85680)], ndhB [complement(94849..95604)], ndhB [complement(96300..97076)], trnI-GAU [102126..102167], trnI-GAU [103107..103141], trnA-UGC [103206..103243], trnA-UGC [104050..104084], ndhA [complement(118314..118853)], ndhA [complement(119947..120498)], trnA-UGC [complement(132659..132693)], trnA-UGC [complement(133500..133537)], trnI-GAU [complement(133602..133636)], trnI-GAU [complement(134576..134617)], ndhB [139667..140443], ndhB [141139..141894], rpl2 [151063..151455], rpl2 [152117..152548]	trnK-UUU [complement(1403..4003)], rps16 [complement(4914..5743)], trnG-UCC [8700..9380], atpF [complement(11755..12560)], rpoC1 [complement(21801..22530)], ycf3 [complement(42014..42785)], ycf3 [complement(43014..43757)], trnL-UAA [46672..47190], trnV-UAC [complement(50839..51434)], clpP [complement(69640..70302)], clpP [complement(70594..71419)], petB [74413..75204], petD [76121..76821], rpl16 [complement(81306..82281)], rpl2 [complement(84627..85287)], ndhB [complement(95605..96299)], trnI-GAU [102168..103106], trnA-UGC [103244..104049], ndhA [complement(118854..119946)], trnA-UGC [complement(132694..133499)], trnI-GAU [complement(133637..134575)], ndhB [140444..141138], rpl2 [151456..152116]
154.	ALM N	72	rps12 [complement(97962..97987)], rps12 [complement(98530..98761)], rps12 [complement(69254..69367)], trnK-UUU [complement(1408..1436)], trnK-UUU [complement(4068..4104)], rps16 [complement(4699..4907)], rps16	trnK-UUU [complement(1437..4067)], rps16 [complement(4908..5771)], trnG-UCC [9551..10256], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(5772..5811)], trnG-UCC [9528..9550], trnG-UCC [10257..10305], atpF [complement(12230..12640)], atpF [complement(13436..13579)], rpoC1 [complement(20929..22545)], rpoC1 [complement(23311..23745)], ycf3 [complement(43108..43260)], ycf3 [complement(44004..44231)], ycf3 [complement(44954..45082)], trnL-UAA [48006..48040], trnL-UAA [48346..48395], trnV-UAC [complement(51601..51637)], trnV-UAC [complement(52236..52272)], rps12 [139611..139842], rps12 [140385..140410], clpP [complement(69494..69745)], clpP [complement(70401..70694)], clpP [complement(71490..71558)], petB [74492..74497], petB [75291..75941], petD [76160..76167], petD [76923..77436], rpl16 [complement(80905..81315)], rpl16 [complement(82371..82379)], rpl2 [complement(84238..84669)], rpl2 [complement(85331..85657)], ndhB [complement(94883..95638)], ndhB [complement(96340..97116)], trnI-GAU [102319..102355], trnI-GAU [103295..103329], trnA-UGC [103394..103431], trnA-UGC [104247..104281], ndhA [complement(119845..120384)], ndhA [complement(121498..122055)], trnA-UGC [complement(134091..134125)], trnA-UGC [complement(134941..134978)], trnI-GAU [complement(135043..135077)], trnI-GAU [complement(136017..136053)], ndhB [141256..142032], ndhB [142734..143489], rpl2 [152715..153041], rpl2 [153703..154134]</p>	<p>[complement(12641..13435)], rpoC1 [complement(22546..23310)], ycf3 [complement(43261..44003)], ycf3 [complement(44232..44953)], trnL-UAA [48041..48345], trnV-UAC [complement(51638..52235)], clpP [complement(69746..70400)], clpP [complement(70695..71489)], petB [74498..75290], petD [76168..76922], rpl16 [complement(81316..82370)], rpl2 [complement(84670..85330)], ndhB [complement(95639..96339)], trnI-GAU [102356..103294], trnA-UGC [103432..104246], ndhA [complement(120385..121497)], trnA-UGC [complement(134126..134940)], trnI-GAU [complement(135078..136016)], ndhB [142033..142733], rpl2 [153042..153702]</p>
155.	ALM O	72	<p>rps12 [complement(96978..97003)], rps12 [complement(97546..97777)], rps12 [complement(68360..68473)], trnK-UUU [complement(1394..1422)], trnK-UUU [complement(3979..4015)], rps16 [complement(4582..4790)], rps16 [complement(5641..5680)], trnG-UCC [8784..8806], trnG-UCC [9504..9552], atpF [complement(11480..11890)], atpF [complement(12662..12805)], rpoC1 [complement(20139..21755)], rpoC1 [complement(22511..22945)], ycf3 [complement(42407..42559)], ycf3 [complement(43306..43533)], ycf3 [complement(44256..44384)], trnL-UAA [47327..47361], trnL-UAA [47667..47716], trnV-UAC [complement(50804..50840)], trnV-UAC [complement(51439..51475)], rps12 [138500..138731], rps12 [139274..139299], clpP [complement(68600..68851)], clpP [complement(69482..69775)], clpP [complement(70574..70642)], petB</p>	<p>trnK-UUU [complement(1423..3978)], rps16 [complement(4791..5640)], trnG-UCC [8807..9503], atpF [complement(11891..12661)], rpoC1 [complement(21756..22510)], ycf3 [complement(42560..43305)], ycf3 [complement(43534..44255)], trnL-UAA [47362..47666], trnV-UAC [complement(50841..51438)], clpP [complement(68852..69481)], clpP [complement(69776..70573)], petB [73525..74319], petD [75194..75938], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[73519..73524], petB [74320..74970], petD [75186..75193], petD [75939..76452], rpl16 [complement(79956..80366)], rpl16 [complement(81398..81406)], rpl2 [complement(83266..83697)], rpl2 [complement(84360..84686)], ndhB [complement(93907..94662)], ndhB [complement(95364..96140)], trnI-GAU [101319..101355], trnI-GAU [102290..102324], trnA-UGC [102389..102426], trnA-UGC [103242..103276], ndhA [complement(118781..119320)], ndhA [complement(120443..121000)], trnA-UGC [complement(133001..133035)], trnA-UGC [complement(133851..133888)], trnI-GAU [complement(133953..133987)], trnI-GAU [complement(134922..134958)], ndhB [140137..140913], ndhB [141615..142370], rpl2 [151591..151917], rpl2 [152580..153011]	[complement(80367..81397)], rpl2 [complement(83698..84359)], ndhB [complement(94663..95363)], trnI-GAU [101356..102289], trnA-UGC [102427..103241], ndhA [complement(119321..120442)], trnA-UGC [complement(133036..133850)], trnI-GAU [complement(133988..134921)], ndhB [140914..141614], rpl2 [151918..152579]
156.	ALM X	49	rps12 [complement(102673..102703)], rps12 [complement(103241..103472)], rps12 [complement(74478..74592)], rps16 [complement(5559..5756)], rps16 [complement(6676..6717)], trnN-GUU [complement(8629..8656)], trnN-GUU [complement(8658..8694)], atpF [complement(13449..13858)], atpF [complement(14601..14748)], rpoC1 [complement(23026..24642)], rpoC1 [complement(25487..25921)], ycf3 [complement(46543..46695)], ycf3 [complement(47490..47719)], ycf3 [complement(48426..48552)], rps12 [complement(74478..74592)], rps12 [146408..146639], rps12 [147177..147207], clpP [complement(74745..74972)], clpP [complement(75580..75873)], clpP [complement(76728..76796)], petB [79736..79741], petB [80549..81190], petD [81400..81408], petD [82029..82502], rpl16 [complement(86059..86457)], rpl16 [complement(87564..87572)], rpl2 [complement(89320..89789)], rpl2 [complement(90440..90830)], ndhB [complement(99612..100373)], ndhB [complement(101060..101836)], ndhA [complement(125745..126284)], ndhA [complement(127441..127992)], ndhB [148044..148820], ndhB [149507..150268]	rps16 [complement(5757..6675)], trnN-GUU [complement(8657..8657)], atpF [complement(13859..14600)], rpoC1 [complement(24643..25486)], ycf3 [complement(46696..47489)], ycf3 [complement(47720..48425)], clpP [complement(74973..75579)], clpP [complement(75874..76727)], petB [79742..80548], petD [81409..82028], rpl16 [complement(86458..87563)], rpl2 [complement(89790..90439)], ndhB [complement(100374..101059)], ndhA [complement(126285..127440)], ndhB [148821..149506]
157.	ALNA	24	trnK-UUU [complement(1385..1413)], trnK-UUU [complement(3886..3923)], rps16 [complement(4487..4699)], rps12 [129206..129234]	trnK-UUU [complement(1414..3885)], rps16 [complement(4700..5548)], trnG-UCC [complement(13184..13866)], atpF [34341..35176], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(43541..44253)], ycf3 [complement(44482..45224)], trnL-UAA [48160..48704], trnV-UAC [complement(51983..52573)], petB [72224..73002], petD [73841..74579], rpl16 [complement(79001..80030)], rpl2 [complement(82431..83090)], ndhB [complement(89060..89771)], trnI-GAU [96048..96988], trnA-UGC [97165..97974], ndhA [complement(113724..114700)], trnA- UGC [complement(122637..123446)], trnI- GAU [complement(123623..124563)], ndhB [130840..131551], rpl2 [137521..138180]
158.	ALNE	73	rps12 [complement(102742..102771)], rps12 [complement(103309..103539)], rps12 [complement(74552..74665)], trnK-UUU [complement(1878..1912)], trnK-UUU [complement(4459..4495)], rps16 [complement(5589..5804)], rps16 [complement(6699..6740)], trnS-CGA [10712..10734], trnS-CGA [11466..11503], atpF [complement(13764..14174)], atpF [complement(14932..15075)], rpoC1 [complement(23365..24990)], rpoC1 [complement(25833..26264)], ycf3 [complement(46774..46926)], ycf3 [complement(47723..47950)], ycf3 [complement(48661..48786)], trnL-UAA [51555..51589], trnL-UAA [52125..52174], trnV-UAC [complement(55599..55633)], trnV-UAC [complement(56264..56301)], rps12 [complement(74552..74665)], rps12 [146513..146744], rps12 [147281..147306], clpP [complement(74818..75045)], clpP [complement(75654..75947)], clpP [complement(76798..76866)], petB [79820..79825], petB [80636..81277], petD [81482..81490], petD [82111..82584], rpl16 [complement(86143..86541)], rpl16 [complement(87652..87660)], rpl2 [complement(89386..89820)], rpl2 [complement(90507..90896)], ndhB [complement(99681..100442)], ndhB [complement(101129..101905)], trnI-GAU [107329..107365], trnI-GAU [108321..108355], trnA-UGC [108420..108457], trnA-UGC [109266..109300],	trnK-UUU [complement(1913..4458)], rps16 [complement(5805..6698)], trnS-CGA [10735..11465], atpF [complement(14175..14931)], rpoC1 [complement(24991..25832)], ycf3 [complement(46927..47722)], ycf3 [complement(47951..48660)], trnL-UAA [51590..52124], trnV-UAC [complement(55634..56263)], clpP [complement(75046..75653)], clpP [complement(75948..76797)], petB [79826..80635], petD [81491..82110], rpl16 [complement(86542..87651)], rpl2 [complement(89821..90506)], ndhB [complement(100443..101128)], trnI-GAU [107366..108320], trnA-UGC [108458..109265], ndhA [complement(126405..127560)], trnA-UGC [complement(140787..141594)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(125866..126404)], ndhA [complement(127561..128116)], trnA-UGC [complement(140752..140786)], trnA-UGC [complement(141595..141632)], trnI-GAU [complement(141697..141731)], trnI-GAU [complement(142687..142723)], ndhB [148147..148923], ndhB [149610..150371], rpl2 [159156..159545], rpl2 [160232..160666]	[complement(141732..142686)], ndhB [148924..149609], rpl2 [159546..160231]
159.	ALNI	49	rps12 [complement(102924..102954)], rps12 [complement(103492..103723)], rps12 [complement(74696..74810)], rps16 [complement(5600..5797)], rps16 [complement(6716..6757)], trnN-GUU [complement(8677..8704)], trnN-GUU [complement(8724..8762)], atpF [complement(13798..14207)], atpF [complement(14963..15110)], rpoC1 [complement(23402..25018)], rpoC1 [complement(25865..26299)], ycf3 [complement(46799..46951)], ycf3 [complement(47748..47977)], ycf3 [complement(48685..48811)], rps12 [complement(74696..74810)], rps12 [146679..146910], rps12 [147448..147478], clpP [complement(74963..75190)], clpP [complement(75800..76093)], clpP [complement(76953..77021)], petB [79976..79981], petB [80789..81430], petD [81635..81643], petD [82264..82737], rpl16 [complement(86308..86706)], rpl16 [complement(87823..87831)], rpl2 [complement(89568..90037)], rpl2 [complement(90688..91078)], ndhB [complement(99863..100624)], ndhB [complement(101311..102087)], ndhA [complement(126024..126563)], ndhA [complement(127721..128272)], ndhB [148315..149091], ndhB [149778..150539]	rps16 [complement(5798..6715)], trnN-GUU [complement(8705..8723)], atpF [complement(14208..14962)], rpoC1 [complement(25019..25864)], ycf3 [complement(46952..47747)], ycf3 [complement(47978..48684)], clpP [complement(75191..75799)], clpP [complement(76094..76952)], petB [79982..80788], petD [81644..82263], rpl16 [complement(86707..87822)], rpl2 [complement(90038..90687)], ndhB [complement(100625..101310)], ndhA [complement(126564..127720)], ndhB [149092..149777]
160.	ALOB	64	rps12 [complement(96342..96584)], rps12 [complement(67454..67567)], trnK [complement(1380..1408)], trnK [complement(3962..3998)], trnG [8185..8207], trnG [8901..8949], atpF [complement(10872..11282)], atpF [complement(12047..12190)], rpoC1 [complement(19511..21127)], rpoC1 [complement(21864..22298)], ycf3 [complement(41634..41786)], ycf3 [complement(42520..42747)], ycf3 [complement(43470..43598)], trnL [46518..46552], trnL [46867..46916], trnV [complement(50024..50060)], trnV [complement(50657..50695)], rps12 [137392..137634], clpP [complement(67694..67945)], clpP [complement(68576..68869)], clpP [complement(69668..69736)], petB [72613..72618], petB [73407..74057],	trnK [complement(1409..3961)], trnG [8208..8900], atpF [complement(11283..12046)], rpoC1 [complement(21128..21863)], ycf3 [complement(41787..42519)], ycf3 [complement(42748..43469)], trnL [46553..46866], trnV [complement(50061..50656)], clpP [complement(67946..68575)], clpP [complement(68870..69667)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(78920..79330)], rpl16 [complement(80350..80358)], rpl2 [complement(82204..82635)], rpl2 [complement(83298..83624)], ndhB [complement(92725..93480)], ndhB [complement(94182..94958)], trnI [100113..100149], trnI [101084..101118], trnA [101183..101220], trnA [102036..102070], ndhA [complement(117706..118239)], ndhA [complement(119349..119906)], trnA [complement(131906..131940)], trnA [complement(132756..132793)], trnI [complement(132858..132892)], trnI [complement(133827..133863)], ndhB [139018..139794], ndhB [140496..141251], rpl2 [150352..150678], rpl2 [151341..151772]	[72619..73406], rpl16 [complement(79331..80349)], rpl2 [complement(82636..83297)], ndhB [complement(93481..94181)], trnI [100150..101083], trnA [101221..102035], ndhA [complement(118240..119348)], trnA [complement(131941..132755)], trnI [complement(132893..133826)], ndhB [139795..140495], rpl2 [150679..151340]
161.	ALOD	26	rps12 [complement(75669..75782)], trnK-UUU [complement(1813..1847)], trnK-UUU [complement(4403..4439)], trnG-UCC [9537..9559], trnG-UCC [10277..10324], trnL-UAA [51744..51778], trnL-UAA [52325..52374], trnV-UAC [complement(56151..56187)], trnV-UAC [complement(56803..56841)], rps12 [161057..161082], trnI-GAU [108726..108762], trnI-GAU [109716..109750], trnA-UGC [109815..109852], trnA-UGC [110655..110689], trnA-UGC [complement(154342..154376)], trnA-UGC [complement(155179..155216)], trnI-GAU [complement(155281..155315)], trnI-GAU [complement(156269..156305)]	trnK-UUU [complement(1848..4402)], trnG-UCC [9560..10276], trnL-UAA [51779..52324], trnV-UAC [complement(56188..56802)], trnI-GAU [108763..109715], trnA-UGC [109853..110654], trnA-UGC [complement(154377..155178)], trnI-GAU [complement(155316..156268)]
162.	ALOF	73	rps12 [complement(101864..101898)], rps12 [complement(102426..102657)], rps12 [complement(72956..73069)], trnK-UUU [complement(2021..2055)], trnK-UUU [complement(4594..4630)], rps16 [complement(5497..5723)], rps16 [complement(6593..6632)], trnG-GCC [9365..9387], trnG-GCC [10207..10255], atpF [complement(12318..12719)], atpF [complement(13522..13665)], rpoC1 [complement(21560..23185)], rpoC1 [complement(23944..24375)], ycf3 [complement(44605..44757)], ycf3 [complement(45529..45756)], ycf3 [complement(46506..46631)], trnL-UAA [49933..49969], trnL-UAA [50532..50583], trnV-UAC [complement(54181..54217)], trnV-UAC [complement(54810..54847)], rps12 [complement(72956..73069)], rps12 [145371..145602], rps12 [146139..146164], clpP [complement(73263..73490)], clpP [complement(74138..74429)], clpP [complement(75344..75414)], petB [78293..78298], petB [79124..79765], petD [79974..79981], petD	trnK-UUU [complement(2056..4593)], rps16 [complement(5724..6592)], trnG-GCC [9388..10206], atpF [complement(12720..13521)], rpoC1 [complement(23186..23943)], ycf3 [complement(44758..45528)], ycf3 [complement(45757..46505)], trnL-UAA [49970..50531], trnV-UAC [complement(54218..54809)], clpP [complement(73491..74137)], clpP [complement(74430..75343)], petB [78299..79123], petD [79982..80738], rpl16 [complement(85122..86285)], rpl2 [complement(88513..89201)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[80739..81213], rpl16 [complement(84723..85121)], rpl16 [complement(86286..86294)], rpl2 [complement(88079..88512)], rpl2 [complement(89202..89592)], ndhB [complement(98804..99559)], ndhB [complement(100243..101019)], trnI-GAU [106651..106692], trnI-GAU [107646..107680], trnA-UGC [107744..107781], trnA-UGC [108576..108610], ndhA [121133..121684], ndhA [122812..123351], trnA-UGC [complement(139418..139452)], trnA-UGC [complement(140247..140284)], trnI-GAU [complement(140348..140382)], trnI-GAU [complement(141336..141377)], ndhB [147009..147785], ndhB [148469..149224], rpl2 [158436..158826], rpl2 [159516..159949]	[complement(99560..100242)], trnI-GAU [106693..107645], trnA-UGC [107782..108575], ndhA [121685..122811], trnA-UGC [complement(139453..140246)], trnI-GAU [complement(140383..141335)], ndhB [147786..148468], rpl2 [158827..159515]
163.	ALOI	49	rps12 [complement(102493..102523)], rps12 [complement(103061..103292)], rps12 [complement(74307..74421)], rps16 [complement(5530..5727)], rps16 [complement(6653..6694)], trnN-GUU [complement(8617..8644)], trnN-GUU [complement(8646..8682)], atpF [complement(13728..14137)], atpF [complement(14885..15032)], rpoC1 [complement(23306..24922)], rpoC1 [complement(25773..26207)], ycf3 [complement(46583..46735)], ycf3 [complement(47530..47759)], ycf3 [complement(48467..48593)], rps12 [complement(74307..74421)], rps12 [146278..146509], rps12 [147047..147077], clpP [complement(74574..74801)], clpP [complement(75410..75703)], clpP [complement(76558..76626)], petB [79577..79582], petB [80397..81038], petD [81243..81251], petD [81872..82345], rpl16 [complement(85886..86284)], rpl16 [complement(87394..87402)], rpl2 [complement(89137..89606)], rpl2 [complement(90257..90647)], ndhB [complement(99432..100193)], ndhB [complement(100880..101656)], ndhA [complement(125605..126144)], ndhA [complement(127316..127867)], ndhB [147914..148690], ndhB [149377..150138]	rps16 [complement(5728..6652)], trnN-GUU [complement(8645..8645)], atpF [complement(14138..14884)], rpoC1 [complement(24923..25772)], ycf3 [complement(46736..47529)], ycf3 [complement(47760..48466)], clpP [complement(74802..75409)], clpP [complement(75704..76557)], petB [79583..80396], petD [81252..81871], rpl16 [complement(86285..87393)], rpl2 [complement(89607..90256)], ndhB [complement(100194..100879)], ndhA [complement(126145..127315)], ndhB [148691..149376]
164.	ALOR	24	trnK-UUU [complement(1401..1429)], trnK-UUU [complement(3908..3945)], rps16 [complement(4508..4720)], rps12 [127463..127491]	trnK-UUU [complement(1430..3907)], rps16 [complement(4721..5557)], trnG-UCC [complement(13145..13827)], atpF [34333..35161], ycf3 [complement(43542..44254)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(44483..45221)], trnL-UAA [47742..48260], trnV-UAC [complement(51524..52114)], petB [71706..72498], petD [73337..74075], rpl16 [complement(78487..79556)], rpl2 [complement(81967..82626)], ndhB [complement(87225..87936)], trnI-GAU [94213..95153], trnA-UGC [95311..96120], ndhA [complement(111915..112953)], trnA-UGC [complement(120913..121722)], trnI-GAU [complement(121880..122820)], ndhB [129097..129808], rpl2 [134407..135066]
165.	ALOS	72	rps12 [complement(96846..96871)], rps12 [complement(97414..97645)], rps12 [complement(68289..68402)], trnK-UUU [complement(1377..1405)], trnK-UUU [complement(3958..3994)], rps16 [complement(4568..4758)], rps16 [complement(5610..5649)], trnG-UCC [8709..8731], trnG-UCC [9426..9474], atpF [complement(11419..11829)], atpF [complement(12605..12748)], rpoC1 [complement(20081..21715)], rpoC1 [complement(22465..22899)], ycf3 [complement(42304..42456)], ycf3 [complement(43196..43423)], ycf3 [complement(44146..44274)], trnL-UAA [47177..47211], trnL-UAA [47517..47566], trnV-UAC [complement(50647..50683)], trnV-UAC [complement(51282..51318)], rps12 [138457..138688], rps12 [139231..139256], clpP [complement(68529..68780)], clpP [complement(69395..69688)], clpP [complement(70463..70531)], petB [73408..73413], petB [74205..74855], petD [75071..75078], petD [75845..76370], rpl16 [complement(79816..80226)], rpl16 [complement(81280..81288)], rpl2 [complement(83135..83566)], rpl2 [complement(84229..84555)], ndhB [complement(93777..94532)], ndhB [complement(95234..96010)], trnI-GAU [101188..101224], trnI-GAU [102159..102193], trnA-UGC [102258..102297], trnA-UGC [103111..103145], ndhA [complement(118718..119257)], ndhA [complement(120400..120957)], trnA-UGC [complement(132957..132991)], trnA-UGC	trnK-UUU [complement(1406..3957)], rps16 [complement(4759..5609)], trnG-UCC [8732..9425], atpF [complement(11830..12604)], rpoC1 [complement(21716..22464)], ycf3 [complement(42457..43195)], ycf3 [complement(43424..44145)], trnL-UAA [47212..47516], trnV-UAC [complement(50684..51281)], clpP [complement(68781..69394)], clpP [complement(69689..70462)], petB [73414..74204], petD [75079..75844], rpl16 [complement(80227..81279)], rpl2 [complement(83567..84228)], ndhB [complement(94533..95233)], trnI-GAU [101225..102158], trnA-UGC [102298..103110], ndhA [complement(119258..120399)], trnA-UGC [complement(132992..133806)], trnI-GAU [complement(133944..134877)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(133807..133844)], trnI-GAU [complement(133909..133943)], trnI-GAU [complement(134878..134914)], ndhB [140092..140868], ndhB [141570..142325], rpl2 [151547..151873], rpl2 [152536..152967]	[140869..141569], rpl2 [151874..152535]
166.	ALOX	21	trnK-UUU [complement(1430..1464)], trnK-UUU [complement(4119..4155)], trnL-UAA [49568..49602], trnL-UAA [50136..50184], trnC-ACA [complement(54433..54469)], trnC-ACA [complement(55072..55109)], trnI-GAU [106425..106466], trnI-GAU [107402..107436], trnA-UGC [107500..107537], trnA-UGC [108339..108373], trnA-UGC [complement(140227..140261)], trnA-UGC [complement(141063..141100)], trnI-GAU [complement(141164..141198)], trnI-GAU [complement(142134..142175)]	trnK-UUU [complement(1465..4118)], trnL-UAA [49603..50135], trnC-ACA [complement(54470..55071)], trnI-GAU [106467..107401], trnA-UGC [107538..108338], trnA-UGC [complement(140262..141062)], trnI-GAU [complement(141199..142133)]
167.	ALPA	32	rps16 [complement(4382..4599)], rps16 [complement(5441..5477)], trnT-GGU [15956..15991], trnT-GGU [16059..16094], atpF [34673..34832], atpF [35650..36056], ycf3 [complement(43776..43934)], ycf3 [complement(44673..44902)], ycf3 [complement(45661..45787)], rps12 [68941..69063], rps12 [129153..129395], rps12 [complement(92244..92486)], rpl2 [complement(82638..83065)], rpl2 [complement(83723..84134)], ndhB [complement(88613..89370)], ndhB [complement(90080..90857)], ndhA [complement(113853..114391)], ndhA [complement(115419..115971)], ndhB [130782..131556], ndhB [132269..133026], rpl2 [137505..137909], rpl2 [138570..139001]	rps16 [complement(4600..5440)], trnT-GGU [15992..16058], atpF [34833..35649], ycf3 [complement(43935..44672)], ycf3 [complement(44903..45660)], rpl2 [complement(83066..83722)], ndhB [complement(89371..90079)], ndhA [complement(114392..115418)], ndhB [131557..132268], rpl2 [137910..138569]
168.	ALPD	29	trnK-UUU [complement(1322..1350)], trnK-UUU [complement(3977..4013)], trnS-CGA [8915..8945], trnS-CGA [9634..9695], trnG-UCC [8915..8937], trnG-UCC [9642..9692], trnL-UAA [46735..46769], trnL-UAA [47073..47122], trnV-UAC [complement(49390..49445)], trnV-UAC [complement(50044..50061)], rps12 [131682..131707], petD [74746..75218], trnI-GAU [99269..99310], trnI-GAU [100241..100275], trnA-UGC [100340..100377], trnA-UGC [101193..101227], trnA-UGC [complement(125394..125428)], trnA-UGC [complement(126244..126281)], trnI-GAU [complement(126346..126380)], trnI-GAU [complement(127311..127352)]	trnK-UUU [complement(1351..3976)], trnS-CGA [8946..9633], trnG-UCC [8938..9641], trnL-UAA [46770..47072], trnV-UAC [complement(49446..50043)], trnI-GAU [99311..100240], trnA-UGC [100378..101192], trnA-UGC [complement(125429..126243)], trnI-GAU [complement(126381..127310)]
169.	ALPE	72	rps12 [complement(96490..96515)], rps12 [complement(97058..97289)],	trnK-UUU [complement(1406..3987)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(67947..68060)], trnK-UUU [complement(1377..1405)], trnK-UUU [complement(3988..4024)], rps16 [complement(4606..4796)], rps16 [complement(5666..5705)], trnG-UCC [8803..8825], trnG-UCC [9518..9566], atpF [complement(11510..11920)], atpF [complement(12694..12837)], rpoC1 [complement(20167..21783)], rpoC1 [complement(22536..22970)], ycf3 [complement(41987..42139)], ycf3 [complement(42878..43105)], ycf3 [complement(43828..43956)], trnL-UAA [46858..46892], trnL-UAA [47198..47247], trnV-UAC [complement(50316..50352)], trnV-UAC [complement(50952..50988)], rps12 [138100..138331], rps12 [138874..138899], clpP [complement(68187..68438)], clpP [complement(68990..69283)], clpP [complement(70080..70148)], petB [73039..73044], petB [73837..74487], petD [74703..74710], petD [75458..75971], rpl16 [complement(79442..79852)], rpl16 [complement(80914..80922)], rpl2 [complement(82776..83207)], rpl2 [complement(83870..84196)], ndhB [complement(93422..94177)], ndhB [complement(94879..95655)], trnI-GAU [100826..100862], trnI-GAU [101797..101831], trnA-UGC [101896..101935], trnA-UGC [102749..102783], ndhA [complement(118328..118867)], ndhA [complement(120032..120589)], trnA-UGC [complement(132606..132640)], trnA-UGC [complement(133456..133493)], trnI-GAU [complement(133558..133592)], trnI-GAU [complement(134527..134563)], ndhB [139734..140510], ndhB [141212..141967], rpl2 [151193..151519], rpl2 [152182..152613]</p>	<p>[complement(4797..5665)], trnG-UCC [8826..9517], atpF [complement(11921..12693)], rpoC1 [complement(21784..22535)], ycf3 [complement(42140..42877)], ycf3 [complement(43106..43827)], trnL-UAA [46893..47197], trnV-UAC [complement(50353..50951)], clpP [complement(68439..68989)], clpP [complement(69284..70079)], petB [73045..73836], petD [74711..75457], rpl16 [complement(79853..80913)], rpl2 [complement(83208..83869)], ndhB [complement(94178..94878)], trnI-GAU [100863..101796], trnA-UGC [101936..102748], ndhA [complement(118868..120031)], trnA-UGC [complement(132641..133455)], trnI-GAU [complement(133593..134526)], ndhB [140511..141211], rpl2 [151520..152181]</p>
170.	ALPH	58	<p>rps12 [complement(97319..97344)], rps12 [complement(97881..98112)], rps12 [complement(69920..70033)], trnK [complement(1864..1898)], trnK [complement(4427..4463)], rps16 [complement(5202..5415)], rps16 [complement(6326..6366)], atpF [complement(11877..12286)], atpF [complement(13094..13238)], rpoC1 [complement(20829..22430)], rpoC1 [complement(23201..23632)], ycf3 [complement(42911..43063)], ycf3 [complement(43825..44052)], ycf3 [complement(44822..44947)], trnL [47847..47881], trnL [48521..48570], trnV [51689..51725], trnV [52318..52355], clpP [complement(70180..70407)], clpP [complement(71008..71299)], clpP [complement(72171..72241)], petB</p>	<p>trnK [complement(1899..4426)], rps16 [complement(5416..6325)], atpF [complement(12287..13093)], rpoC1 [complement(22431..23200)], ycf3 [complement(43064..43824)], ycf3 [complement(44053..44821)], trnL [47882..48520], trnV [51726..52317], clpP [complement(70408..71007)], clpP [complement(71300..72170)], petB [75189..75958], petD [76810..77579], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75183..75188], petB [75959..76600], petD [76802..76809], petD [77580..78054], rpl16 [complement(81516..81917)], rpl16 [complement(82964..82972)], ndhB [complement(94305..95060)], ndhB [complement(95731..96507)], trnI [101470..101511], trnI [102453..102487], trnA [102558..102595], trnA [103421..103455], trnA [complement(133471..133505)], trnA [complement(134331..134368)], trnI [complement(134439..134473)], trnI [complement(135415..135456)], ndhB [140419..141195], ndhB [141866..142621]	[complement(81918..82963)], ndhB [complement(95061..95730)], trnI [101512..102452], trnA [102596..103420], trnA [complement(133506..134330)], trnI [complement(134474..135414)], ndhB [141196..141865]
171.	ALPL	73	rps12 [complement(103772..103797)], rps12 [complement(104339..104570)], rps12 [complement(74186..74299)], trnK-UUU [complement(1674..1708)], trnK-UUU [complement(4237..4273)], rps16 [complement(4810..5057)], rps16 [complement(6501..6540)], trnG-UCC [10700..10722], trnG-UCC [11467..11504], atpF [complement(13454..13867)], atpF [complement(14743..14901)], rpoC1 [complement(23070..24704)], rpoC1 [complement(25415..25846)], ycf3 [complement(46097..46249)], ycf3 [complement(46982..47209)], ycf3 [complement(47952..48080)], trnL-UAA [51360..51394], trnL-UAA [52071..52120], trnV-UAC [complement(56325..56361)], trnV-UAC [complement(56980..57015)], rps12 [complement(74186..74299)], rps12 [153077..153308], rps12 [153850..153875], clpP [complement(74457..74702)], clpP [complement(75366..75656)], clpP [complement(76482..76550)], petB [79489..79494], petB [80307..80948], petD [81174..81181], petD [81981..82455], rpl16 [complement(85963..86364)], rpl16 [complement(87377..87385)], rpl2 [complement(90065..90496)], rpl2 [complement(91143..91472)], ndhB [complement(100698..101453)], ndhB [complement(102155..102931)], trnI-GAU [108400..108441], trnI-GAU [109160..109194], trnA-UGC [109259..109296], trnA-UGC [110113..110147], ndhA [complement(133108..133650)], ndhA [complement(134784..135335)], trnA-UGC [complement(147500..147534)], trnA-UGC [complement(148351..148388)], trnI-GAU [complement(148453..148487)], trnI-GAU [complement(149206..149247)], ndhB [154716..155492], ndhB [156194..156949], rpl2 [166175..166504], rpl2 [167151..167582]	trnK-UUU [complement(1709..4236)], rps16 [complement(5058..6500)], trnG-UCC [10723..11466], atpF [complement(13868..14742)], rpoC1 [complement(24705..25414)], ycf3 [complement(46250..46981)], ycf3 [complement(47210..47951)], trnL-UAA [51395..52070], trnV-UAC [complement(56362..56979)], clpP [complement(74703..75365)], clpP [complement(75657..76481)], petB [79495..80306], petD [81182..81980], rpl16 [complement(86365..87376)], rpl2 [complement(90497..91142)], ndhB [complement(101454..102154)], trnI-GAU [108442..109159], trnA-UGC [109297..110112], ndhA [complement(133651..134783)], trnA-UGC [complement(147535..148350)], trnI-GAU [complement(148488..149205)], ndhB [155493..156193], rpl2 [166505..167150]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
172.	ALPN	72	<p>rps12 [complement(99578..99603)], rps12 [complement(100140..100371)], rps12 [complement(71733..71846)], trnK-UUU [complement(1756..1790)], trnK-UUU [complement(4262..4298)], rps16 [complement(5047..5265)], rps16 [complement(6121..6159)], trnG-UCC [9743..9765], trnG-UCC [10443..10490], atpF [complement(12383..12790)], atpF [complement(13490..13648)], rpoC1 [complement(21622..23247)], rpoC1 [complement(23995..24429)], ycf3 [complement(43648..43800)], ycf3 [complement(44524..44751)], ycf3 [complement(45465..45590)], trnL-UAA [48742..48776], trnL-UAA [49287..49336], trnV-UAC [complement(53205..53241)], trnV-UAC [complement(53838..53876)], rps12 [142625..142856], rps12 [143393..143418], clpP [complement(71985..72212)], clpP [complement(72882..73172)], clpP [complement(73968..74036)], petB [76963..76968], petB [77733..78374], petD [78562..78569], petD [79324..79798], rpl16 [complement(83208..83609)], rpl16 [complement(84634..84642)], rpl2 [complement(86290..86724)], rpl2 [complement(87387..87779)], ndhB [complement(96501..97256)], ndhB [complement(97936..98712)], trnI-GAU [104311..104352], trnI-GAU [105290..105324], trnA-UGC [105389..105426], trnA-UGC [106234..106268], ndhA [complement(122244..122783)], ndhA [complement(123899..124450)], trnA-UGC [complement(136728..136762)], trnA-UGC [complement(137570..137607)], trnI-GAU [complement(137672..137706)], trnI-GAU [complement(138644..138685)], ndhB [144284..145060], ndhB [145740..146495], rpl2 [155217..155606], rpl2 [156272..156706]</p>	<p>trnK-UUU [complement(1791..4261)], rps16 [complement(5266..6120)], trnG-UCC [9766..10442], atpF [complement(12791..13489)], rpoC1 [complement(23248..23994)], ycf3 [complement(43801..44523)], ycf3 [complement(44752..45464)], trnL-UAA [48777..49286], trnV-UAC [complement(53242..53837)], clpP [complement(72213..72881)], clpP [complement(73173..73967)], petB [76969..77732], petD [78570..79323], rpl16 [complement(83610..84633)], rpl2 [complement(86725..87386)], ndhB [complement(97257..97935)], trnI-GAU [104353..105289], trnA-UGC [105427..106233], ndhA [complement(122784..123898)], trnA-UGC [complement(136763..137569)], trnI-GAU [complement(137707..138643)], ndhB [145061..145739], rpl2 [155607..156271]</p>
173.	ALPR	69	<p>rps12 [complement(97735..97760)], rps12 [complement(98303..98534)], rps12 [complement(69116..69229)], trnK-UUU [complement(1388..1416)], trnK-UUU [complement(3996..4032)], rps16 [complement(4613..4821)], rps16 [complement(5678..5717)], trnG-UCC [8976..8998], trnG-UCC [9691..9739], atpF [complement(11665..12075)], atpF [complement(12854..12997)], rpoC1 [complement(20258..21874)], rpoC1 [complement(22632..23066)], ycf3 [complement(42253..42405)], ycf3 [complement(43143..43370)], ycf3 [complement(44093..44221)], trnV-UAC [complement(51579..51615)], trnV-UAC [complement(52214..52250)], rps12 [139377..139608], rps12</p>	<p>trnK-UUU [complement(1417..3995)], rps16 [complement(4822..5677)], trnG-UCC [8999..9690], atpF [complement(12076..12853)], rpoC1 [complement(21875..22631)], ycf3 [complement(42406..43142)], ycf3 [complement(43371..44092)], trnV-UAC [complement(51616..52213)], clpP [complement(69608..70263)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140151..140176], clpP [complement(69356..69607)], clpP [complement(70264..70557)], clpP [complement(71325..71393)], petB [74329..74334], petB [75124..75774], petD [75991..75998], petD [76744..77257], rpl16 [complement(80709..81119)], rpl16 [complement(82170..82178)], rpl2 [complement(84026..84457)], rpl2 [complement(85120..85446)], ndhB [complement(94656..95411)], ndhB [complement(96113..96889)], trnI-GAU [102080..102116], trnI-GAU [103051..103085], trnA-UGC [103150..103189], trnA-UGC [104003..104037], ndhA [complement(119658..120197)], ndhA [complement(121325..121882)], trnA-UGC [complement(133874..133908)], trnA-UGC [complement(134724..134761)], trnI-GAU [complement(134826..134860)], trnI-GAU [complement(135795..135831)], ndhB [141022..141798], ndhB [142500..143255], rpl2 [152465..152791], rpl2 [153454..153885]	[complement(70558..71324)], petB [74335..75123], petD [75999..76743], rpl16 [complement(81120..82169)], rpl2 [complement(84458..85119)], ndhB [complement(95412..96112)], trnI-GAU [102117..103050], trnA-UGC [103190..104002], ndhA [complement(120198..121324)], trnA-UGC [complement(133909..134723)], trnI-GAU [complement(134861..135794)], ndhB [141799..142499], rpl2 [152792..153453]
174.	ALPS	72	rps12 [complement(97046..97071)], rps12 [complement(97614..97845)], rps12 [complement(68393..68506)], trnK-UUU [complement(1377..1405)], trnK-UUU [complement(3950..3986)], rps16 [complement(4606..4796)], rps16 [complement(5669..5708)], trnG-UCC [8803..8825], trnG-UCC [9554..9602], atpF [complement(11539..11949)], atpF [complement(12769..12912)], rpoC1 [complement(20246..21862)], rpoC1 [complement(22609..23043)], ycf3 [complement(42447..42599)], ycf3 [complement(43338..43565)], ycf3 [complement(44313..44441)], trnL-UAA [47369..47403], trnL-UAA [47701..47750], trnV-UAC [complement(50849..50885)], trnV-UAC [complement(51484..51520)], rps12 [138664..138895], rps12 [139438..139463], clpP [complement(68633..68884)], clpP [complement(69515..69808)], clpP [complement(70602..70670)], petB [73585..73590], petB [74385..75035], petD [75274..75281], petD [76065..76578], rpl16 [complement(80038..80448)], rpl16 [complement(81483..81491)], rpl2 [complement(83334..83765)], rpl2 [complement(84428..84754)], ndhB [complement(93981..94736)], ndhB [complement(95438..96214)], trnI-GAU [101387..101423], trnI-GAU [102358..102392], trnA-UGC [102457..102494], trnA-UGC [103315..103349], ndhA [complement(118904..119443)], ndhA [complement(120596..121153)],	trnK-UUU [complement(1406..3949)], rps16 [complement(4797..5668)], trnG-UCC [8826..9553], atpF [complement(11950..12768)], rpoC1 [complement(21863..22608)], ycf3 [complement(42600..43337)], ycf3 [complement(43566..44312)], trnL-UAA [47404..47700], trnV-UAC [complement(50886..51483)], clpP [complement(68885..69514)], clpP [complement(69809..70601)], petB [73591..74384], petD [75282..76064], rpl16 [complement(80449..81482)], rpl2 [complement(83766..84427)], ndhB [complement(94737..95437)], trnI-GAU [101424..102357], trnA-UGC [102495..103314], ndhA [complement(119444..120595)], trnA-UGC [complement(133195..134014)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(133160..133194)], trnA-UGC [complement(134015..134052)], trnI-GAU [complement(134117..134151)], trnI-GAU [complement(135086..135122)], ndhB [140295..141071], ndhB [141773..142528], rpl2 [151755..152081], rpl2 [152744..153175]	[complement(134152..135085)], ndhB [141072..141772], rpl2 [152082..152743]
175.	ALPT	68	trnK-UUU [complement(1804..1838)], trnK-UUU [complement(4351..4387)], rps16 [complement(5245..5488)], rps16 [complement(5905..5942)], rpoC1 [9794..10227], rpoC1 [10963..12595], atpF [20356..20513], atpF [21234..21642], trnG-GCC [complement(23674..23721)], trnG-GCC [complement(24415..24437)], ycf3 [complement(40522..40674)], ycf3 [complement(41436..41663)], ycf3 [complement(42397..42522)], trnL-UAA [45768..45804], trnL-UAA [46310..46359], trnV-UAC [complement(50136..50172)], trnV-UAC [complement(50773..50811)], rps12 [complement(69199..69312)], rps12 [140783..141014], rps12 [141551..141576], clpP [complement(69481..69999)], clpP [complement(70847..70912)], petB [73844..73849], petB [74592..75248], petD [75431..75439], petD [76178..76702], rpl16 [complement(80177..80578)], rpl16 [complement(81623..81631)], rpl2 [complement(83265..83699)], rpl2 [complement(84372..84764)], ndhB [complement(93752..94507)], ndhB [complement(95187..95963)], trnI-GAU [101550..101591], trnI-GAU [102532..102566], trnA-UGC [102631..102668], trnA-UGC [103476..103510], ndhA [complement(120371..120910)], ndhA [complement(121795..122346)], trnA-UGC [complement(134876..134910)], trnA-UGC [complement(135718..135755)], trnI-GAU [complement(135820..135854)], trnI-GAU [complement(136795..136836)], ndhB [142423..143199], ndhB [143879..144634], rpl2 [153622..154014], rpl2 [154687..155121]	trnK-UUU [complement(1839..4350)], rps16 [complement(5489..5904)], rpoC1 [10228..10962], atpF [20514..21233], trnG-GCC [complement(23722..24414)], ycf3 [complement(40675..41435)], ycf3 [complement(41664..42396)], trnL-UAA [45805..46309], trnV-UAC [complement(50173..50772)], clpP [complement(70000..70846)], petB [73850..74591], petD [75440..76177], rpl16 [complement(80579..81622)], rpl2 [complement(83700..84371)], ndhB [complement(94508..95186)], trnI-GAU [101592..102531], trnA-UGC [102669..103475], ndhA [complement(120911..121794)], trnA-UGC [complement(134911..135717)], trnI-GAU [complement(135855..136794)], ndhB [143200..143878], rpl2 [154015..154686]
176.	ALRD	72	rps12 [complement(97032..97057)], rps12 [complement(97600..97831)], rps12 [complement(68323..68436)], trnK-UUU [complement(1394..1422)], trnK-UUU [complement(3967..4003)], rps16 [complement(4552..4760)], rps16 [complement(5602..5641)], trnG-UCC [8749..8771], trnG-UCC [9467..9515], atpF [complement(11458..11868)], atpF [complement(12644..12787)], rpoC1 [complement(20135..21751)], rpoC1 [complement(22507..22941)], ycf3 [complement(42330..42482)], ycf3 [complement(43221..43448)], ycf3	trnK-UUU [complement(1423..3966)], rps16 [complement(4761..5601)], trnG-UCC [8772..9466], atpF [complement(11869..12643)], rpoC1 [complement(21752..22506)], ycf3 [complement(42483..43220)], ycf3 [complement(43449..44189)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44190..44318)], trnL-UAA [47283..47317], trnL-UAA [47623..47672], trnV-UAC [complement(50761..50797)], trnV-UAC [complement(51406..51442)], rps12 [138580..138811], rps12 [139354..139379], clpP [complement(68563..68814)], clpP [complement(69454..69747)], clpP [complement(70559..70627)], petB [73502..73507], petB [74302..74952], petD [75168..75175], petD [75921..76434], rpl16 [complement(79946..80356)], rpl16 [complement(81424..81432)], rpl2 [complement(83312..83743)], rpl2 [complement(84406..84732)], ndhB [complement(93959..94714)], ndhB [complement(95421..96197)], trnI-GAU [101371..101407], trnI-GAU [102378..102412], trnA-UGC [102477..102514], trnA-UGC [103330..103364], ndhA [complement(118839..119378)], ndhA [complement(120493..121050)], trnA-UGC [complement(133047..133081)], trnA-UGC [complement(133897..133934)], trnI-GAU [complement(133999..134033)], trnI-GAU [complement(135004..135040)], ndhB [140214..140990], ndhB [141697..142452], rpl2 [151679..152005], rpl2 [152668..153099]	[47318..47622], trnV-UAC [complement(50798..51405)], clpP [complement(68815..69453)], clpP [complement(69748..70558)], petB [73508..74301], petD [75176..75920], rpl16 [complement(80357..81423)], rpl2 [complement(83744..84405)], ndhB [complement(94715..95420)], trnI-GAU [101408..102377], trnA-UGC [102515..103329], ndhA [complement(119379..120492)], trnA-UGC [complement(133082..133896)], trnI-GAU [complement(134034..135003)], ndhB [140991..141696], rpl2 [152006..152667]
177.	ALRU	49	rps12 [complement(102900..102930)], rps12 [complement(103468..103699)], rps12 [complement(74693..74807)], rps16 [complement(5544..5741)], rps16 [complement(6662..6703)], trnN-GUU [complement(8596..8623)], trnN-GUU [complement(8625..8661)], atpF [complement(13708..14117)], atpF [complement(14862..15009)], rpoC1 [complement(23295..24911)], rpoC1 [complement(25759..26193)], ycf3 [complement(46858..47010)], ycf3 [complement(47806..48035)], ycf3 [complement(48742..48868)], rps12 [complement(74693..74807)], rps12 [146573..146804], rps12 [147342..147372], clpP [complement(74946..75173)], clpP [complement(75781..76074)], clpP [complement(76959..77027)], petB [79979..79984], petB [80801..81442], petD [81647..81655], petD [82277..82750], rpl16 [complement(86291..86689)], rpl16 [complement(87789..87797)], rpl2 [complement(89548..90017)], rpl2 [complement(90668..91058)], ndhB [complement(99840..100601)], ndhB [complement(101288..102064)], ndhA [complement(125897..126436)], ndhA [complement(127601..128152)], ndhB [148208..148984], ndhB	rps16 [complement(5742..6661)], trnN-GUU [complement(8624..8624)], atpF [complement(14118..14861)], rpoC1 [complement(24912..25758)], ycf3 [complement(47011..47805)], ycf3 [complement(48036..48741)], clpP [complement(75174..75780)], clpP [complement(76075..76958)], petB [79985..80800], petD [81656..82276], rpl16 [complement(86690..87788)], rpl2 [complement(90018..90667)], ndhB [complement(100602..101287)], ndhA [complement(126437..127600)], ndhB [148985..149670]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[149671..150432]	
178.	ALSA	58	rps12 [complement(96944..97186)], rps12 [complement(67758..67871)], trnK [complement(1385..1413)], trnK [complement(3975..4011)], trnG [8757..8779], trnG [9478..9526], atpF [complement(11456..11866)], atpF [complement(12647..12790)], rpoC1 [complement(20094..21710)], rpoC1 [complement(22455..22886)], ycf3 [complement(41946..42098)], ycf3 [complement(42842..43069)], ycf3 [complement(43799..43924)], trnL [46766..46800], trnL [47106..47155], trnV [complement(50225..50261)], trnV [complement(50861..50899)], rps12 [138022..138264], clpP [complement(67998..68249)], clpP [complement(68885..69178)], clpP [complement(69985..70053)], rpl2 [complement(82649..83080)], rpl2 [complement(83743..84126)], ndhB [complement(93317..94072)], ndhB [complement(94775..95551)], trnI [100749..100785], trnI [101720..101754], trnA [101819..101856], trnA [102672..102706], ndhA [complement(118347..118886)], ndhA [complement(119944..120501)], trnA [complement(132502..132536)], trnA [complement(133352..133389)], trnI [complement(133454..133488)], trnI [complement(134423..134459)], ndhB [139657..140433], ndhB [141136..141891], rpl2 [151082..151468], rpl2 [152128..152559]	trnK [complement(1414..3974)], trnG [8780..9477], atpF [complement(11867..12646)], rpoC1 [complement(21711..22454)], ycf3 [complement(42099..42841)], ycf3 [complement(43070..43798)], trnL [46801..47105], trnV [complement(50262..50860)], clpP [complement(68250..68884)], clpP [complement(69179..69984)], rpl2 [complement(83081..83742)], ndhB [complement(94073..94774)], trnI [100786..101719], trnA [101857..102671], ndhA [complement(118887..119943)], trnA [complement(132537..133351)], trnI [complement(133489..134422)], ndhB [140434..141135], rpl2 [151469..152127]
179.	ALSE	29	rps16 [complement(4471..4688)], rps16 [complement(5543..5579)], atpF [34662..34821], atpF [35638..36044], ycf3 [complement(43735..43893)], ycf3 [complement(44631..44860)], ycf3 [complement(45604..45730)], rps12 [68859..68981], rps12 [128380..128622], rps12 [complement(91541..91783)], rpl2 [complement(82537..82964)], rpl2 [complement(83622..84033)], ndhB [complement(87910..88667)], ndhB [complement(89377..90154)], ndhA [complement(113090..113628)], ndhA [complement(114657..115209)], ndhB [130009..130783], ndhB [131496..132253], rpl2 [136130..136538], rpl2 [137199..137626]	rps16 [complement(4689..5542)], atpF [34822..35637], ycf3 [complement(43894..44630)], ycf3 [complement(44861..45603)], rpl2 [complement(82965..83621)], ndhB [complement(88668..89376)], ndhA [complement(113629..114656)], ndhB [130784..131495], rpl2 [136539..137198]
180.	ALSM	46	rps12 [complement(101076..101102)], rps12 [complement(101639..101869)], rps12 [complement(73476..73589)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4379..4415)], trnG-UCC [10385..10408], trnG-UCC [11171..11218], trnL-UAA [49501..49535], trnL-UAA [50015..50064], trnV-	trnK-UUU [complement(1865..4378)], rps16 [complement(5469..6309)], trnG-UCC [10409..11170], atpF [complement(13529..14250)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(54594..54630)], trnV-UAC [complement(55217..55255)], rps12 [complement(73476..73589)], rps12 [145072..145301], rps12 [145838..145865], clpP [complement(73736..73981)], petD [81011..81491], trnI-GAU [105731..105772], trnI-GAU [106712..106746], trnA-UGC [106811..106848], trnA-UGC [107647..107681], trnA-UGC [complement(139260..139294)], trnA-UGC [complement(140093..140130)], trnI-GAU [complement(140195..140229)], trnI-GAU [complement(141169..141210)]	[complement(23548..24265)], ycf3 [complement(44927..45659)], ycf3 [complement(45889..46622)], trnL-UAA [49536..50014], trnV-UAC [complement(54631..55216)], clpP [complement(73982..74638)], clpP [complement(74931..75704)], petB [78666..79453], petD [80301..81010], rpl16 [complement(85320..86296)], rpl2 [complement(88461..89142)], ndhB [complement(98748..99449)], trnI-GAU [105773..106711], trnA-UGC [106849..107646], ndhA [complement(125194..126318)], trnA-UGC [complement(139295..140092)], trnI-GAU [complement(140230..141168)], ndhB [147492..148193]
181.	ALSP	28	rps16 [complement(4658..4863)], rps16 [complement(5678..5717)], ycf3 [complement(43893..44018)], rps12 [140987..141016], trnA-UGC [complement(135115..135152)]	trnK-UUU [complement(1457..4025)], rps16 [complement(4864..5677)], trnG-UCC [8581..9329], atpF [complement(11770..12590)], rpoC1 [complement(22005..22733)], ycf3 [complement(42213..42940)], ycf3 [complement(43169..43892)], trnL-UAA [46735..47232], trnV-UAC [complement(51687..52279)], clpP [complement(69560..70208)], clpP [complement(70500..71353)], petB [74319..75113], petD [75960..76713], rpl16 [complement(81049..81997)], rpl2 [complement(84309..84960)], ndhB [complement(95173..95872)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[102314..103259], trnA-UGC [103397..104201], ndhA [complement(120309..121385)], trnA-UGC [complement(134310..135114)], trnI-GAU [complement(135252..136197)], ndhB [142639..143338], rpl2 [153551..154202]
182.	ALSU	49	rps12 [complement(102778..102808)], rps12 [complement(103346..103577)], rps12 [complement(74582..74696)], rps16 [complement(5374..5571)], rps16 [complement(6494..6535)], trnN-GUU [complement(8445..8472)], trnN-GUU [complement(8474..8510)], atpF [complement(13591..14000)], atpF [complement(14747..14894)], rpoC1 [complement(23150..24766)], rpoC1 [complement(25610..26044)], ycf3 [complement(46816..46968)], ycf3 [complement(47764..47993)], ycf3 [complement(48701..48827)], rps12 [complement(74582..74696)], rps12 [146510..146741], rps12 [147279..147309], clpP [complement(74849..75076)], clpP [complement(75686..75979)], clpP [complement(76832..76900)], petB [79851..79856], petB [80675..81316], petD [81521..81529], petD [82150..82623], rpl16 [complement(86161..86559)], rpl16 [complement(87670..87678)], rpl2 [complement(89422..89891)], rpl2 [complement(90542..90932)], ndhB [complement(99717..100478)], ndhB [complement(101165..101941)], ndhA [complement(125838..126377)], ndhA [complement(127541..128092)], ndhB [148146..148922], ndhB [149609..150370]	rps16 [complement(5572..6493)], trnN-GUU [complement(8473..8473)], atpF [complement(14001..14746)], rpoC1 [complement(24767..25609)], ycf3 [complement(46969..47763)], ycf3 [complement(47994..48700)], clpP [complement(75077..75685)], clpP [complement(75980..76831)], petB [79857..80674], petD [81530..82149], rpl16 [complement(86560..87669)], rpl2 [complement(89892..90541)], ndhB [complement(100479..101164)], ndhA [complement(126378..127540)], ndhB [148923..149608]
183.	ALTE	75	trnH [complement(1..69)], trnH [complement(159588..159593)], trnK [complement(1865..1899)], trnK [complement(4429..4465)], rps16 [complement(5043..5251)], rps16 [complement(6127..6166)], trnG [9694..9716], trnG [10459..10507], atpF [complement(12733..13157)], atpF [complement(13890..14034)], rpoC1 [complement(22136..23752)], rpoC1 [complement(24482..24934)], ycf3 [complement(45467..45619)], ycf3 [complement(46339..46568)], ycf3 [complement(47323..47446)], trnL [50771..50805], trnL [51321..51366], trnV [complement(54520..54554)], trnV [complement(55161..55199)], rps12 [73699..73812], rps12 [145055..145293],	trnH [complement(70..159587)], trnK [complement(1900..4428)], rps16 [complement(5252..6126)], trnG [9717..10458], atpF [complement(13158..13889)], rpoC1 [complement(23753..24481)], ycf3 [complement(45620..46338)], ycf3 [complement(46569..47322)], trnL [50806..51320], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [145823..145859], rps12 [complement(102527..102757)], rps12 [complement(101953..101979)], clpP [complement(73979..74206)], clpP [complement(74837..75128)], clpP [complement(76004..76074)], petB [78886..78891], petB [79672..80313], petD [80506..80513], petD [81272..81746], rpl16 [complement(85220..85618)], rpl16 [complement(86628..86636)], rpl2 [complement(88313..88746)], rpl2 [complement(89411..89801)], ndhB [complement(98893..99648)], ndhB [complement(100330..101106)], trnI [106710..106746], trnI [107698..107732], trnA [107802..107839], trnA [108643..108677], ndhA [complement(124504..125043)], ndhA [complement(126119..126670)], trnA [complement(139135..139169)], trnA [complement(139973..140010)], trnI [complement(140081..140115)], trnI [complement(141067..141103)], ndhB [146706..147482], ndhB [148164..148919], rpl2 [158011..158401], rpl2 [159066..159499]	[complement(54555..55160)], clpP [complement(74207..74836)], clpP [complement(75129..76003)], petB [78892..79671], petD [80514..81271], rpl16 [complement(85619..86627)], rpl2 [complement(88747..89410)], ndhB [complement(99649..100329)], trnI [106747..107697], trnA [107840..108642], ndhA [complement(125044..126118)], trnA [complement(139170..139972)], trnI [complement(140116..141066)], ndhB [147483..148163], rpl2 [158402..159065]
184.	ALTU	67	rps12 [complement(97964..98206)], rps12 [complement(68995..69111)], trnK-UUU [complement(1391..1425)], trnK-UUU [complement(3931..3967)], rps16 [complement(4535..4743)], rps16 [complement(5594..5633)], trnG-UCC [9564..9586], trnG-UCC [10285..10333], atpF [complement(12266..12676)], atpF [complement(13456..13599)], rpoC1 [complement(20935..22551)], rpoC1 [complement(23319..23750)], ycf3 [complement(42850..43002)], ycf3 [complement(43741..43968)], ycf3 [complement(44691..44819)], trnL-UAA [47732..47766], trnL-UAA [48072..48121], trnV-UAC [complement(51291..51327)], trnV-UAC [complement(51926..51962)], rps12 [138919..139161], clpP [complement(69238..69489)], clpP [complement(70145..70438)], clpP [complement(71237..71305)], rpl2 [complement(83683..84114)], rpl2 [complement(84774..85160)], ndhB [complement(94329..95084)], ndhB [complement(95787..96563)], trnI-GAU [101748..101784], trnI-GAU [102719..102753], ycf68 [101889..101930], ycf68 [101962..102372], trnA-UGC [102818..102855], trnA-UGC [103671..103705], ndhA [complement(119180..119719)], ndhA [complement(120851..121408)], trnA-UGC [complement(133420..133454)], trnA-UGC [complement(134270..134307)], trnI-GAU	trnK-UUU [complement(1426..3930)], rps16 [complement(4744..5593)], trnG-UCC [9587..10284], atpF [complement(12677..13455)], rpoC1 [complement(22552..23318)], ycf3 [complement(43003..43740)], ycf3 [complement(43969..44690)], trnL-UAA [47767..48071], trnV-UAC [complement(51328..51925)], clpP [complement(69490..70144)], clpP [complement(70439..71236)], rpl2 [complement(84115..84773)], ndhB [complement(95085..95786)], trnI-GAU [101785..102718], ycf68 [101931..101961], trnA-UGC [102856..103670], ndhA [complement(119720..120850)], trnA-UGC [complement(133455..134269)], trnI-GAU [complement(134407..135340)], ycf68

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134372..134406)], trnI-GAU [complement(135341..135377)], ycf68 [complement(134753..135163)], ycf68 [complement(135195..135236)], ndhB [140562..141338], ndhB [142041..142796], rpl2 [151965..152351], rpl2 [153011..153442]	[complement(135164..135194)], ndhB [141339..142040], rpl2 [152352..153010]
185.	ALUL	24	trnK-UUU [complement(1385..1413)], trnK-UUU [complement(3892..3929)], rps16 [complement(4493..4705)], rps12 [129411..129439]	trnK-UUU [complement(1414..3891)], rps16 [complement(4706..5551)], trnG-UCC [complement(13159..13841)], atpF [34307..35141], ycf3 [complement(43514..44231)], ycf3 [complement(44460..45201)], trnL-UAA [48092..48633], trnV-UAC [complement(51897..52487)], petB [72185..72967], petD [73806..74571], rpl16 [complement(79035..80135)], rpl2 [complement(82531..83190)], ndhB [complement(89155..89866)], trnI-GAU [96173..97113], trnA-UGC [97271..98080], ndhA [complement(113875..114906)], trnA-UGC [complement(122836..123645)], trnI-GAU [complement(123803..124743)], ndhB [131050..131761], rpl2 [137726..138385]
186.	ALVA	70	rps12 [complement(97858..98115)], rps12 [complement(69073..69186)], trnK-UUU [complement(1361..1395)], trnK-UUU [complement(4000..4036)], rps16 [complement(4695..4907)], rps16 [complement(5785..5823)], trnG-UCC [8688..8710], trnG-UCC [9395..9443], atpF [complement(11353..11760)], atpF [complement(12566..12724)], rpoC1 [complement(20172..21800)], rpoC1 [complement(22527..22961)], ycf3 [complement(41798..41950)], ycf3 [complement(42717..42944)], ycf3 [complement(43693..43818)], trnL-UAA [46562..46598], trnL-UAA [47112..47161], trnV-UAC [complement(50719..50755)], trnV-UAC [complement(51354..51392)], rps12 [138265..138522], clpP [complement(69320..69571)], clpP [complement(70238..70528)], clpP [complement(71359..71427)], petB	trnK-UUU [complement(1396..3999)], rps16 [complement(4908..5784)], trnG-UCC [8711..9394], atpF [complement(11761..12565)], rpoC1 [complement(21801..22526)], ycf3 [complement(41951..42716)], ycf3 [complement(42945..43692)], trnL-UAA [46599..47111], trnV-UAC [complement(50756..51353)], clpP [complement(69572..70237)], clpP [complement(70529..71358)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74352..74357], petB [75161..75811], petD [76071..76079], petD [76777..77301], rpl16 [complement(80859..81260)], rpl16 [complement(82232..82240)], rpl2 [complement(84147..84578)], rpl2 [complement(85240..85632)], ndhB [complement(94789..95544)], ndhB [complement(96240..97016)], trnI-GAU [102061..102102], trnI-GAU [103040..103074], trnA-UGC [103139..103176], trnA-UGC [103983..104017], ndhA [complement(118024..118563)], ndhA [complement(119658..120209)], trnA-UGC [complement(132363..132397)], trnA-UGC [complement(133204..133241)], trnI-GAU [complement(133306..133340)], trnI-GAU [complement(134278..134319)], ndhB [139364..140140], ndhB [140836..141591], rpl2 [150748..151140], rpl2 [151802..152233]	[74358..75160], petD [76080..76776], rpl16 [complement(81261..82231)], rpl2 [complement(84579..85239)], ndhB [complement(95545..96239)], trnI-GAU [102103..103039], trnA-UGC [103177..103982], ndhA [complement(118564..119657)], trnA-UGC [complement(132398..133203)], trnI-GAU [complement(133341..134277)], ndhB [140141..140835], rpl2 [151141..151801]
187.	ALVC	72	rps12 [complement(97510..97534)], rps12 [complement(98077..98309)], rps12 [complement(68871..68984)], trnK-UUU [complement(1400..1428)], trnK-UUU [complement(4014..4050)], rps16 [complement(4627..4835)], rps16 [complement(5693..5732)], trnG-UCC [9427..9449], trnG-UCC [10148..10196], atpF [complement(12126..12536)], atpF [complement(13320..13463)], rpoC1 [complement(20788..22404)], rpoC1 [complement(23166..23600)], ycf3 [complement(42881..43035)], ycf3 [complement(43773..43999)], ycf3 [complement(44722..44849)], trnL-UAA [47747..47781], trnL-UAA [48091..48140], trnV-UAC [complement(51325..51361)], trnV-UAC [complement(51960..51996)], rps12 [138938..139167], rps12 [139710..139734], clpP [complement(69111..69359)], clpP [complement(70018..70314)], clpP [complement(71107..71175)], petB [74110..74115], petB [74904..75554], petD [75771..75780], petD [76526..77037], rpl16 [complement(80483..80893)], rpl16 [complement(81929..81937)], rpl2 [complement(83785..84215)], rpl2 [complement(84878..85205)], ndhB [complement(94431..95186)], ndhB [complement(95888..96664)], trnI-GAU [101854..101890], trnI-GAU [102825..102859], trnA-UGC [102924..102961], trnA-UGC [103777..103811], ndhA [complement(119287..119827)], ndhA [complement(120949..121505)], trnA-UGC [complement(133433..133467)], trnA-UGC [complement(134283..134320)], trnI-GAU [complement(134385..134419)],	trnK-UUU [complement(1429..4013)], rps16 [complement(4836..5692)], trnG-UCC [9450..10147], atpF [complement(12537..13319)], rpoC1 [complement(22405..23165)], ycf3 [complement(43036..43772)], ycf3 [complement(44000..44721)], trnL-UAA [47782..48090], trnV-UAC [complement(51362..51959)], clpP [complement(69360..70017)], clpP [complement(70315..71106)], petB [74116..74903], petD [75781..76525], rpl16 [complement(80894..81928)], rpl2 [complement(84216..84877)], ndhB [complement(95187..95887)], trnI-GAU [101891..102824], trnA-UGC [102962..103776], ndhA [complement(119828..120948)], trnA-UGC [complement(133468..134282)], trnI-GAU [complement(134420..135353)], ndhB [141357..142057], rpl2 [152367..153028]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(135354..135390)], ndhB [140580..141356], ndhB [142058..142813], rpl2 [152039..152366], rpl2 [153029..153459]	
188.	ALVE	50	rps16 [complement(3626..3843)], rps16 [complement(4633..4672)], trnG-UCC [7874..7896], trnG-UCC [8584..8632], atpF [complement(10505..10914)], atpF [complement(11660..11804)], rpoC1 [complement(19377..20993)], rpoC1 [complement(21713..22144)], ycf3 [complement(41189..41341)], ycf3 [complement(42071..42298)], ycf3 [complement(42949..43074)], trnL-UAA [46344..46378], trnL-UAA [46918..46967], trnV-UAC [complement(48569..48603)], trnV-UAC [complement(49180..49218)], rps12 [65414..65527], rps12 [complement(125062..125319)], rps12 [91786..92043], petB [70882..70887], petB [71689..72330], petD [72537..72544], petD [73318..73792], rpl16 [complement(79297..79695)], rpl16 [complement(80601..80609)], trnI-GAU [95759..95795], trnI-GAU [96740..96774], trnA-UGC [96839..96876], trnA-UGC [97706..97740], trnA-UGC [complement(119365..119399)], trnA-UGC [complement(120229..120266)], trnI-GAU [complement(120331..120365)], trnI-GAU [complement(121310..121346)], rpl16 [136496..136504], rpl16 [137410..137808]	rps16 [complement(3844..4632)], trnG-UCC [7897..8583], atpF [complement(10915..11659)], rpoC1 [complement(20994..21712)], ycf3 [complement(41342..42070)], ycf3 [complement(42299..42948)], trnL-UAA [46379..46917], trnV-UAC [complement(48604..49179)], petB [70888..71688], petD [72545..73317], rpl16 [complement(79696..80600)], trnI-GAU [95796..96739], trnA-UGC [96877..97705], trnA-UGC [complement(119400..120228)], trnI-GAU [complement(120366..121309)], rpl16 [136505..137409]
189.	ALVI	49	rps12 [complement(99431..99456)], rps12 [complement(99997..100228)], rps12 [complement(71172..71285)], trnK [complement(1600..1634)], trnK [complement(4175..4211)], rps16 [complement(4639..4856)], rps16 [complement(5644..5683)], trnG [8902..8924], trnG [9676..9724], atpF [complement(11957..12366)], atpF [complement(13186..13330)], rpoC1 [complement(21348..22964)], rpoC1 [complement(23711..24142)], ycf3 [complement(43489..43641)], ycf3 [complement(44451..44678)], ycf3 [complement(45423..45548)], trnL [48274..48308], trnL [48837..48886], trnV [complement(52587..52621)], trnV [complement(53234..53272)], rps12 [142140..142371], rps12 [142912..142937], clpP [complement(71479..71706)], clpP [complement(72329..72620)], clpP [complement(73558..73628)], petB [76524..76529], petB [77299..77940], petD [78137..78144], petD [78947..79421], rpl16 [complement(82888..83286)], rpl16 [complement(84287..84295)], rpl2 [complement(86053..86487)], rpl2	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87151..87540)], ndhB [complement(96368..97123)], ndhB [complement(97806..98585)], trnI [104210..104246], trnI [105093..105127], trnA [105197..105234], trnA [106036..106070], ndhA [complement(121844..122382)], ndhA [complement(123406..123958)], trnA [complement(136298..136332)], trnA [complement(137134..137171)], trnI [complement(137241..137275)], trnI [complement(138122..138158)], ndhB [143783..144562], ndhB [145245..146000], rpl2 [154828..155217], rpl2 [155881..156315]	
190.	ALVR	5	rps12 [complement(4333..4575)], rps12 [complement(22256..22369)], rpl2 [13539..13926], rpl2 [14695..15125]	rpl2 [13927..14694]
191.	ALXI	72	rps12 [complement(97013..97038)], rps12 [complement(97581..97812)], rps12 [complement(68333..68446)], trnK-UUU [complement(1394..1422)], trnK-UUU [complement(3974..4010)], rps16 [complement(4566..4774)], rps16 [complement(5610..5649)], trnG-UCC [8742..8764], trnG-UCC [9460..9508], atpF [complement(11453..11863)], atpF [complement(12636..12779)], rpoC1 [complement(20111..21727)], rpoC1 [complement(22483..22917)], ycf3 [complement(42323..42475)], ycf3 [complement(43214..43441)], ycf3 [complement(44183..44311)], trnL-UAA [47285..47319], trnL-UAA [47625..47674], trnV-UAC [complement(50764..50800)], trnV-UAC [complement(51409..51445)], rps12 [138557..138788], rps12 [139331..139356], clpP [complement(68573..68824)], clpP [complement(69468..69761)], clpP [complement(70566..70634)], petB [73508..73513], petB [74307..74957], petD [75173..75180], petD [75926..76439], rpl16 [complement(79929..80339)], rpl16 [complement(81404..81412)], rpl2 [complement(83293..83724)], rpl2 [complement(84387..84713)], ndhB [complement(93940..94695)], ndhB [complement(95402..96178)], trnI-GAU [101371..101407], trnI-GAU [102371..102405], trnA-UGC [102470..102507], trnA-UGC [103323..103357], ndhA [complement(118803..119342)], ndhA [complement(120457..121014)], trnA-UGC [complement(133012..133046)], trnA-UGC [complement(133862..133899)], trnI-GAU [complement(133964..133998)], trnI-GAU [complement(134962..134998)], ndhB [140191..140967], ndhB	trnK-UUU [complement(1423..3973)], rps16 [complement(4775..5609)], trnG-UCC [8765..9459], atpF [complement(11864..12635)], rpoC1 [complement(21728..22482)], ycf3 [complement(42476..43213)], ycf3 [complement(43442..44182)], trnL-UAA [47320..47624], trnV-UAC [complement(50801..51408)], clpP [complement(68825..69467)], clpP [complement(69762..70565)], petB [73514..74306], petD [75181..75925], rpl16 [complement(80340..81403)], rpl2 [complement(83725..84386)], ndhB [complement(94696..95401)], trnI-GAU [101408..102370], trnA-UGC [102508..103322], ndhA [complement(119343..120456)], trnA-UGC [complement(133047..133861)], trnI-GAU [complement(133999..134961)], ndhB [140968..141673], rpl2 [151983..152644]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141674..142429], rpl2 [151656..151982], rpl2 [152645..153076]	
192.	AMAC	59	rps12 [complement(92124..92159)], rps12 [complement(92698..92928)], rps12 [complement(70042..70155)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3925..3962)], rps16 [complement(4519..4734)], rps16 [complement(5570..5611)], atpF [35296..35454], atpF [36280..36687], ycf3 [complement(44483..44641)], ycf3 [complement(45364..45591)], ycf3 [complement(46327..46458)], trnL-UAA [49213..49247], trnL-UAA [49788..49837], trnV-UAC [complement(53282..53318)], trnV-UAC [complement(53915..53953)], petB [73876..73881], petB [74695..75336], petD [75525..75533], petD [76283..76756], rpl16 [complement(80365..80766)], rpl16 [complement(81862..81870)], rpl2 [complement(83861..84292)], rpl2 [complement(84953..85345)], ndhB [complement(89055..89810)], ndhB [complement(90523..91299)], trnI-GAU [96752..96793], trnI-GAU [97739..97773], trnA-UGC [97844..97881], trnA-UGC [98693..98727], ndhA [complement(114824..115363)], ndhA [complement(116409..116957)], trnA-UGC [complement(124324..124358)], trnA-UGC [complement(125170..125207)], trnI-GAU [complement(125278..125312)], trnI-GAU [complement(126258..126299)], ndhB [131752..132528], ndhB [133241..133996], rpl2 [137706..138098], rpl2 [138759..139190]	trnK-UUU [complement(1410..3924)], rps16 [complement(4735..5569)], atpF [35455..36279], ycf3 [complement(44642..45363)], ycf3 [complement(45592..46326)], trnL-UAA [49248..49787], trnV-UAC [complement(53319..53914)], petB [73882..74694], petD [75534..76282], rpl16 [complement(80767..81861)], rpl2 [complement(84293..84952)], ndhB [complement(89811..90522)], trnI-GAU [96794..97738], trnA-UGC [97882..98692], ndhA [complement(115364..116408)], trnA-UGC [complement(124359..125169)], trnI-GAU [complement(125313..126257)], ndhB [132529..133240], rpl2 [138099..138758]
193.	AMAN	34	trnK-UUU [complement(1341..1375)], trnK-UUU [complement(4004..4040)], trnL-UAA [45321..45355], trnL-UAA [45849..45898], trnV-UAC [complement(49560..49594)], trnV-UAC [complement(50183..50221)], rps12 [137670..137695], trnI-GAU [99762..99798], trnI-GAU [100730..100764], trnA-UGC [complement(131027..131061)], trnA-UGC [complement(131858..131896)], trnI-GAU [complement(131960..131994)], trnI-GAU [complement(132926..132962)]	trnK-UUU [complement(1376..4003)], rps16 [complement(4929..5796)], atpF [complement(11677..12450)], rpoC1 [complement(21762..22462)], ycf3 [complement(40797..41515)], ycf3 [complement(41744..42462)], trnL-UAA [45356..45848], trnV-UAC [complement(49595..50182)], clpP [complement(68317..68906)], clpP [complement(69199..70020)], petB [72989..73782], petD [74611..75405], rpl16 [complement(79591..80335)], rpl2 [complement(82579..83238)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(92726..93411)], trnI-GAU [99799..100729], ndhA [complement(117515..118535)], trnA-UGC [complement(131062..131857)], trnI-GAU [complement(131995..132925)], ndhB [139346..139998], rpl2 [149483..150145]
194.	AMAR	53	rps12 [complement(99074..99099)], rps12 [complement(99642..99873)], rps12 [complement(62508..62621)], trnK-UUU [complement(1432..1466)], trnK-UUU [complement(3907..3943)], rps16 [complement(4599..4727)], rps16 [complement(5620..5655)], trnG-UCC [9587..9609], trnG-UCC [10353..10400], atpF [complement(12320..12729)], atpF [complement(13426..13570)], rpoC1 [complement(20371..22047)], rpoC1 [complement(22734..23174)], ycf3 [complement(42032..42187)], ycf3 [complement(42894..43121)], ycf3 [complement(43815..43940)], trnL-UAA [46866..46900], trnL-UAA [47378..47427], trnV-UAC [complement(52003..52039)], trnV-UAC [complement(52567..52605)], petB [75905..75910], petB [76701..77342], petD [77533..77540], petD [78183..78672], rpl16 [complement(82109..82519)], rpl16 [complement(83427..83435)], rpl2 [complement(85082..85512)], rpl2 [complement(86181..86577)], ndhB [complement(96098..96853)], ndhB [complement(97545..98267)], trnI-GAU [104375..104411], trnI-GAU [105192..105226], trnA-UGC [105284..105321], trnA-UGC [106115..106149], ndhA [complement(121636..122184)], ndhA [complement(122946..123503)]	trnK-UUU [complement(1467..3906)], rps16 [complement(4728..5619)], trnG-UCC [9610..10352], atpF [complement(12730..13425)], rpoC1 [complement(22048..22733)], ycf3 [complement(42188..42893)], ycf3 [complement(43122..43814)], trnL-UAA [46901..47377], trnV-UAC [complement(52040..52566)], petB [75911..76700], petD [77541..78182], rpl16 [complement(82520..83426)], rpl2 [complement(85513..86180)], ndhB [complement(96854..97544)], trnI-GAU [104412..105191], trnA-UGC [105322..106114], ndhA [complement(122185..122945)]
195.	AMAT	41	rps12 [complement(97973..98215)], rps12 [complement(69738..69851)], trnK-UUU [1905..1939], trnK-UUU [4503..4539], trnG-UCC [30597..30643], trnG-UCC [31368..31390], trnL-UAA [47480..47516], trnL-UAA [47951..48000], trnV-UAC [51318..51354], trnV-UAC [51931..51968], rps12 [138400..138642], trnI-GAU [102230..102271], trnI-GAU [103046..103080], trnA-UGC [103145..103182], trnA-UGC [103998..104032], trnA-UGC [132583..132617], trnA-UGC [133433..133470], trnI-GAU [133526..133568], trnI-GAU [134344..134385]	trnK-UUU [1940..4502], rps16 [complement(5628..6476)], rpoC1 [16969..17738], atpF [27492..28198], trnG-UCC [30644..31367], ycf3 [complement(42769..43506)], ycf3 [complement(43734..44443)], trnL-UAA [47517..47950], trnV-UAC [51355..51930], clpP [complement(70251..70882)], clpP [complement(71175..71925)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[74936..75745], petD [76590..77306], rpl2 [complement(84834..85497)], ndhB [complement(95165..95834)], trnI-GAU [102272..103045], trnA-UGC [103183..103997], ndhA [116286..117358], trnA-UGC [132618..133432], trnI-GAU [133569..134343], ndhB [140781..141450], rpl2 [151118..151781]
196.	AMB A	64	rps12 [complement(92778..92806)], rps12 [complement(93347..93578)], rps12 [complement(70715..70828)], trnK-UUU [complement(3683..3717)], trnK-UUU [complement(6204..6240)], rps16 [complement(6798..7015)], rps16 [complement(7839..7878)], trnG-UCC [complement(15153..15200)], trnG-UCC [complement(15875..15897)], atpF [35803..35947], atpF [36776..37182], ycf3 [complement(44954..45114)], ycf3 [complement(45820..46045)], ycf3 [complement(46786..46911)], trnL-UAA [49663..49697], trnL-UAA [50222..50271], trnV-UAC [complement(53820..53856)], trnV-UAC [complement(54454..54492)], rps12 [130305..130536], rps12 [131077..131105], petB [74564..74569], petB [75390..76031], petD [76219..76226], petD [76978..77452], rpl16 [complement(81084..81485)], rpl16 [complement(82521..82529)], rpl2 [complement(84527..84957)], rpl2 [complement(85621..86011)], ndhB [complement(89705..90460)], ndhB [complement(91173..91949)], trnI-GAU [97413..97449], trnI-GAU [98256..98290], trnA-UGC [98356..98393], trnA-UGC [99205..99239], ndhA [complement(115205..115743)], ndhA [complement(116764..117313)], trnA-UGC [complement(124644..124678)], trnA-UGC [complement(125490..125527)], trnI-GAU [complement(125593..125627)], trnI-GAU [complement(126434..126470)], ndhB [131934..132710], ndhB [133423..134178], rpl2 [137872..138262], rpl2 [138926..139356]	trnK-UUU [complement(3718..6203)], rps16 [complement(7016..7838)], trnG-UCC [complement(15201..15874)], atpF [35948..36775], ycf3 [complement(45115..45819)], ycf3 [complement(46046..46785)], trnL-UAA [49698..50221], trnV-UAC [complement(53857..54453)], petB [74570..75389], petD [76227..76977], rpl16 [complement(81486..82520)], rpl2 [complement(84958..85620)], ndhB [complement(90461..91172)], trnI-GAU [97450..98255], trnA-UGC [98394..99204], ndhA [complement(115744..116763)], trnA-UGC [complement(124679..125489)], trnI-GAU [complement(125628..126433)], ndhB [132711..133422], rpl2 [138263..138925]
197.	AMB R	64	rps12 [complement(89523..89551)], rps12 [complement(90092..90323)], rps12 [complement(67557..67670)], trnK-UUU [complement(1382..1416)], trnK-UUU [complement(3892..3928)], rps16 [complement(4480..4697)], rps16 [complement(5531..5570)], trnG-UCC [complement(12838..12885)], trnG-	trnK-UUU [complement(1417..3891)], rps16 [complement(4698..5530)], trnG-UCC [complement(12886..13562)], atpF [32773..33605], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13563..13585)], atpF [32628..32772], atpF [33606..34012], ycf3 [complement(41769..41929)], ycf3 [complement(42661..42886)], ycf3 [complement(43640..43765)], trnL [46549..46583], trnL [47003..47052], trnV-UAC [complement(50647..50683)], trnV-UAC [complement(51280..51318)], rps12 [127115..127346], rps12 [127887..127915], petB [71449..71454], petB [72215..72856], petD [73044..73051], petD [73793..74267], rpl16 [complement(77841..78242)], rpl16 [complement(79289..79297)], rpl2 [complement(81294..81724)], rpl2 [complement(82388..82778)], ndhB [complement(86455..87210)], ndhB [complement(87923..88699)], trnI-GAU [94198..94234], trnI-GAU [95040..95074], trnA-UGC [95140..95177], trnA-UGC [95989..96023], ndhA [complement(111955..112493)], ndhA [complement(113518..114067)], trnA-UGC [complement(121415..121449)], trnA-UGC [complement(122261..122298)], trnI-GAU [complement(122364..122398)], trnI-GAU [complement(123204..123240)], ndhB [128739..129515], ndhB [130228..130983], rpl2 [134660..135050], rpl2 [135714..136144]	[complement(41930..42660)], ycf3 [complement(42887..43639)], trnL [46584..47002], trnV-UAC [complement(50684..51279)], petB [71455..72214], petD [73052..73792], rpl16 [complement(78243..79288)], rpl2 [complement(81725..82387)], ndhB [complement(87211..87922)], trnI-GAU [94235..95039], trnA-UGC [95178..95988], ndhA [complement(112494..113517)], trnA-UGC [complement(121450..122260)], trnI-GAU [complement(122399..123203)], ndhB [129516..130227], rpl2 [135051..135713]
198.	AMC A	59	rps12 [complement(92268..92303)], rps12 [complement(92842..93072)], rps12 [complement(70201..70314)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3941..3978)], rps16 [complement(4535..4750)], rps16 [complement(5585..5626)], atpF [35320..35478], atpF [36313..36720], ycf3 [complement(44495..44653)], ycf3 [complement(45379..45606)], ycf3 [complement(46355..46486)], trnL-UAA [49261..49295], trnL-UAA [49836..49885], trnV-UAC [complement(53476..53512)], trnV-UAC [complement(54114..54152)], petB [74039..74044], petB [74874..75515], petD [75704..75712], petD [76462..76935], rpl16 [complement(80507..80908)], rpl16 [complement(81985..81993)], rpl2 [complement(84027..84458)], rpl2 [complement(85119..85511)], ndhB [complement(89199..89954)], ndhB [complement(90667..91443)], trnI-GAU [96859..96900], trnI-GAU [97847..97881], trnA-UGC [97947..97984], trnA-UGC [98796..98830], ndhA [complement(114811..115350)], ndhA [complement(116377..116925)], trnA-UGC [complement(124296..124330)], trnA-UGC [complement(125142..125179)], trnI-GAU [complement(125245..125279)],	trnK-UUU [complement(1415..3940)], rps16 [complement(4751..5584)], atpF [35479..36312], ycf3 [complement(44654..45378)], ycf3 [complement(45607..46354)], trnL-UAA [49296..49835], trnV-UAC [complement(53513..54113)], petB [74045..74873], petD [75713..76461], rpl16 [complement(80909..81984)], rpl2 [complement(84459..85118)], ndhB [complement(89955..90666)], trnI-GAU [96901..97846], trnA-UGC [97985..98795], ndhA [complement(115351..116376)], trnA-UGC [complement(124331..125141)], trnI-GAU [complement(125280..126225)], ndhB [132460..133171], rpl2 [138008..138667]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(126226..126267)], ndhB [131683..132459], ndhB [133172..133927], rpl2 [137615..138007], rpl2 [138668..139099]	
199.	AMC H	72	rps12 [complement(97180..97214)], rps12 [complement(97751..97982)], rps12 [complement(69932..70045)], trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4222..4258)], rps16 [complement(5203..5402)], rps16 [complement(6261..6300)], trnG-UCC [9519..9541], trnG-UCC [10235..10282], atpF [complement(12256..12666)], atpF [complement(13371..13514)], rpoC1 [complement(21351..22949)], rpoC1 [complement(23742..24173)], ycf3 [complement(42478..42630)], ycf3 [complement(43336..43565)], ycf3 [complement(44281..44404)], trnL-UAA [47364..47400], trnL-UAA [47882..47931], trnV-UAC [complement(51846..51882)], trnV-UAC [complement(52457..52494)], rps12 [143615..143846], rps12 [144383..144417], clpP [complement(70205..70450)], clpP [complement(71273..71558)], clpP [complement(72298..72359)], petB [75322..75327], petB [76046..76687], petD [76896..76904], petD [77662..78135], rpl16 [complement(81774..82172)], rpl16 [complement(83083..83091)], rpl2 [complement(84763..85197)], rpl2 [complement(85890..86279)], ndhB [complement(94179..94934)], ndhB [complement(95614..96390)], trnI-GAU [101670..101711], trnI-GAU [102644..102678], trnA-UGC [102743..102780], trnA-UGC [103592..103626], ndhA [complement(123589..124128)], ndhA [complement(125219..125770)], trnA-UGC [complement(137971..138005)], trnA-UGC [complement(138817..138854)], trnI-GAU [complement(138919..138953)], trnI-GAU [complement(139886..139927)], ndhB [145207..145983], ndhB [146663..147418], rpl2 [155370..155759], rpl2 [156452..156886]	trnK-UUU [complement(1730..4221)], rps16 [complement(5403..6260)], trnG-UCC [9542..10234], atpF [complement(12667..13370)], rpoC1 [complement(22950..23741)], ycf3 [complement(42631..43335)], ycf3 [complement(43566..44280)], trnL-UAA [47401..47881], trnV-UAC [complement(51883..52456)], clpP [complement(70451..71272)], clpP [complement(71559..72297)], petB [75328..76045], petD [76905..77661], rpl16 [complement(82173..83082)], rpl2 [complement(85198..85889)], ndhB [complement(94935..95613)], trnI-GAU [101712..102643], trnA-UGC [102781..103591], ndhA [complement(124129..125218)], trnA-UGC [complement(138006..138816)], trnI-GAU [complement(138954..139885)], ndhB [145984..146662], rpl2 [155760..156451]
200.	AMC N	72	rps12 [complement(97054..97088)], rps12 [complement(97625..97856)], rps12 [complement(69793..69906)], trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4222..4258)], rps16 [complement(5203..5402)], rps16 [complement(6261..6300)], trnG-UCC [9514..9536], trnG-UCC [10230..10277], atpF [complement(12251..12661)], atpF [complement(13366..13509)], rpoC1 [complement(21346..22935)], rpoC1 [complement(23728..24159)], ycf3 [complement(42402..42554)], ycf3	trnK-UUU [complement(1730..4221)], rps16 [complement(5403..6260)], trnG-UCC [9537..10229], atpF [complement(12662..13365)], rpoC1 [complement(22936..23727)], ycf3 [complement(42555..43259)], ycf3 [complement(43490..44205)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43260..43489)], ycf3 [complement(44206..44329)], trnL-UAA [47277..47313], trnL-UAA [47795..47844], trnV-UAC [complement(51759..51795)], trnV-UAC [complement(52370..52407)], rps12 [143579..143810], rps12 [144347..144381], clpP [complement(70066..70311)], clpP [complement(71023..71308)], clpP [complement(72051..72112)], petB [75076..75081], petB [75800..76441], petD [76650..76658], petD [77416..77889], rpl16 [complement(81528..81926)], rpl16 [complement(82837..82845)], rpl2 [complement(84517..84951)], rpl2 [complement(85644..86033)], ndhB [complement(94053..94808)], ndhB [complement(95488..96264)], trnI-GAU [101544..101585], trnI-GAU [102518..102552], trnA-UGC [102617..102654], trnA-UGC [103466..103500], ndhA [complement(123548..124087)], ndhA [complement(125162..125713)], trnA-UGC [complement(137935..137969)], trnA-UGC [complement(138781..138818)], trnI-GAU [complement(138883..138917)], trnI-GAU [complement(139850..139891)], ndhB [145171..145947], ndhB [146627..147382], rpl2 [155489..155878], rpl2 [156571..157005]	[47314..47794], trnV-UAC [complement(51796..52369)], clpP [complement(70312..71022)], clpP [complement(71309..72050)], petB [75082..75799], petD [76659..77415], rpl16 [complement(81927..82836)], rpl2 [complement(84952..85643)], ndhB [complement(94809..95487)], trnI-GAU [101586..102517], trnA-UGC [102655..103465], ndhA [complement(124088..125161)], trnA-UGC [complement(137970..138780)], trnI-GAU [complement(138918..139849)], ndhB [145948..146626], rpl2 [155879..156570]
201.	AMC O	75	rps12 [complement(96526..96560)], rps12 [complement(97097..97328)], rps12 [complement(69252..69365)], trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4223..4259)], rps16 [complement(5139..5338)], rps16 [complement(6191..6230)], trnG-UCC [8766..8788], trnG-UCC [9484..9531], atpF [complement(11487..11897)], atpF [complement(12592..12735)], rpoC1 [complement(20547..22148)], rpoC1 [complement(22956..23387)], ycf3 [complement(41790..41942)], ycf3 [complement(42649..42878)], ycf3 [complement(43593..43716)], trnL-UAA [46668..46704], trnL-UAA [47185..47234], trnV-UAC [complement(51125..51161)], trnV-UAC [complement(51736..51773)], rps12 [143249..143480], rps12 [144017..144051], clpP [complement(69533..69778)], clpP [complement(70412..70697)], clpP [complement(71377..71438)], petB [74308..74313], petB [75032..75673], petD [75867..75875], petD [76615..77088], rpl16 [complement(80958..81356)], rpl16 [complement(82261..82269)], rpl2 [complement(83932..84366)], rpl2 [complement(85059..85448)], ndhB [complement(93525..94280)], ndhB	trnK-UUU [complement(1730..4222)], rps16 [complement(5339..6190)], trnG-UCC [8789..9483], atpF [complement(11898..12591)], rpoC1 [complement(22149..22955)], ycf3 [complement(41943..42648)], ycf3 [complement(42879..43592)], trnL-UAA [46705..47184], trnV-UAC [complement(51162..51735)], clpP [complement(69779..70411)], clpP [complement(70698..71376)], petB [74314..75031], petD [75876..76614], rpl16 [complement(81357..82260)], rpl2 [complement(84367..85058)], ndhB [complement(94281..94959)], trnI-GAU [101058..101988], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(94960..95736)], trnI-GAU [101016..101057], trnI-GAU [101989..102023], trnA-UGC [102088..102125], trnA-UGC [102937..102971], ndhA [complement(123159..123698)], ndhA [complement(124785..125336)], trnA-UGC [complement(137606..137640)], trnA-UGC [complement(138452..138489)], trnI-GAU [complement(138554..138588)], trnI-GAU [complement(139520..139561)], ndhB [144841..145617], ndhB [146297..147052], rpl2 [155129..155518], rpl2 [156211..156645], rpl16 [158308..158316], rpl16 [159221..159619]	[102126..102936], ndhA [complement(123699..124784)], trnA-UGC [complement(137641..138451)], trnI-GAU [complement(138589..139519)], ndhB [145618..146296], rpl2 [155519..156210], rpl16 [158317..159220]
202.	AMC R	25	trnK-UUU [complement(1380..1412)], trnK-UUU [complement(3916..3953)], trnG-UCC [complement(13057..13104)], trnG-UCC [complement(13787..13809)], rps12 [127616..127644]	trnK-UUU [complement(1413..3915)], rps16 [complement(4733..5580)], trnG-UCC [complement(13105..13786)], atpF [34286..35097], ycf3 [complement(43460..44192)], ycf3 [complement(44421..45152)], trnL-UAA [47939..48485], trnV-UAC [complement(51968..52568)], petB [71989..72751], petD [73590..74330], rpl16 [complement(78730..79703)], rpl2 [complement(82112..82771)], ndhB [complement(87136..87847)], trnI-GAU [94134..95065], trnA-UGC [95203..96012], ndhA [complement(112073..113135)], trnA-UGC [complement(121085..121894)], trnI-GAU [complement(122032..122963)], ndhB [129250..129961], rpl2 [134326..134985]
203.	AMC U	66	rps12 [complement(95717..95742)], rps12 [complement(96279..96510)], rps12 [complement(69219..69332)], trnK-UUU [complement(1581..1615)], trnK-UUU [complement(4130..4165)], rps16 [complement(4965..5191)], rps16 [complement(6054..6093)], trnG-UCC [8663..8685], trnG-UCC [9398..9438], atpF [complement(11350..11762)], atpF [complement(12588..12732)], rpoC1 [complement(20348..21949)], rpoC1 [complement(22719..23150)], ycf3 [complement(42726..42878)], ycf3 [complement(43640..43869)], ycf3	trnK-UUU [complement(1616..4129)], rps16 [complement(5192..6053)], trnG-UCC [8686..9397], atpF [complement(11763..12587)], rpoC1 [complement(21950..22718)], ycf3 [complement(42879..43639)], ycf3 [complement(43870..44656)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44657..44780)], trnL-UAA [47386..47420], trnL-UAA [47942..47991], trnV-UAC [complement(51571..51605)], trnV-UAC [complement(52208..52245)], rps12 [137892..138123], rps12 [138660..138685], clpP [complement(69473..69700)], clpP [complement(70312..70603)], clpP [complement(71501..71571)], petB [74460..74465], petB [75268..75909], petD [76119..76126], petD [76892..77366], rpl16 [complement(80811..81209)], rpl16 [complement(82178..82186)], ndhB [complement(92699..93454)], ndhB [complement(94130..94906)], trnI-GAU [100029..100065], trnI-GAU [101013..101047], trnA-UGC [101118..101155], trnA-UGC [101982..102016], ndhA [complement(118202..118740)], ndhA [complement(119731..120283)], trnA-UGC [complement(132386..132420)], trnA-UGC [complement(133247..133284)], trnI-GAU [complement(133355..133389)], trnI-GAU [complement(134337..134373)], ndhB [139496..140272], ndhB [140948..141703]	[47421..47941], trnV-UAC [complement(51606..52207)], clpP [complement(69701..70311)], clpP [complement(70604..71500)], petB [74466..75267], petD [76127..76891], rpl16 [complement(81210..82177)], ndhB [complement(93455..94129)], trnI-GAU [100066..101012], trnA-UGC [101156..101981], ndhA [complement(118741..119730)], trnA-UGC [complement(132421..133246)], trnI-GAU [complement(133390..134336)], ndhB [140273..140947]
204.	AMD O	75	rps12 [complement(96734..96768)], rps12 [complement(97305..97536)], rps12 [complement(69230..69343)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4228..4264)], rps16 [complement(5141..5340)], rps16 [complement(6193..6232)], trnG-UCC [8746..8768], trnG-UCC [9464..9511], atpF [complement(11467..11877)], atpF [complement(12571..12714)], rpoC1 [complement(20525..22126)], rpoC1 [complement(22934..23365)], ycf3 [complement(41770..41922)], ycf3 [complement(42628..42857)], ycf3 [complement(43571..43694)], trnL-UAA [46654..46690], trnL-UAA [47171..47220], trnV-UAC [complement(51101..51137)], trnV-UAC [complement(51712..51749)], rps12 [143277..143508], rps12 [144045..144079], clpP [complement(69511..69756)], clpP [complement(70391..70676)], clpP [complement(71356..71417)], petB [74302..74307], petB [75028..75669], petD [75863..75871], petD [76611..77084], rpl16 [complement(81051..81449)], rpl16 [complement(82354..82362)], rpl2 [complement(84025..84459)], rpl2 [complement(85152..85541)], ndhB [complement(93733..94488)], ndhB [complement(95168..95944)], trnI-GAU [101224..101265], trnI-GAU	trnK-UUU [complement(1735..4227)], rps16 [complement(5341..6192)], trnG-UCC [8769..9463], atpF [complement(11878..12570)], rpoC1 [complement(22127..22933)], ycf3 [complement(41923..42627)], ycf3 [complement(42858..43570)], trnL-UAA [46691..47170], trnV-UAC [complement(51138..51711)], clpP [complement(69757..70390)], clpP [complement(70677..71355)], petB [74308..75027], petD [75872..76610], rpl16 [complement(81450..82353)], rpl2 [complement(84460..85151)], ndhB [complement(94489..95167)], trnI-GAU [101266..102196], trnA-UGC [102334..103144], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[102197..102231], trnA-UGC [102296..102333], trnA-UGC [103145..103179], ndhA [complement(123284..123823)], ndhA [complement(124909..125460)], trnA-UGC [complement(137634..137668)], trnA-UGC [complement(138480..138517)], trnI-GAU [complement(138582..138616)], trnI-GAU [complement(139548..139589)], ndhB [144869..145645], ndhB [146325..147080], rpl2 [155272..155661], rpl2 [156354..156788], rpl16 [158451..158459], rpl16 [159364..159762]	[complement(123824..124908)], trnA-UGC [complement(137669..138479)], trnI-GAU [complement(138617..139547)], ndhB [145646..146324], rpl2 [155662..156353], rpl16 [158460..159363]
205.	AMD U	75	rps12 [complement(96057..96091)], rps12 [complement(96628..96859)], rps12 [complement(69063..69176)], trnK-UUU [complement(1717..1751)], trnK-UUU [complement(4244..4280)], rps16 [complement(5161..5360)], rps16 [complement(6225..6264)], trnG-UCC [8982..9004], trnG-UCC [9699..9746], atpF [complement(11710..12120)], atpF [complement(12810..12953)], rpoC1 [complement(20674..22275)], rpoC1 [complement(23083..23514)], ycf3 [complement(41800..41952)], ycf3 [complement(42651..42880)], ycf3 [complement(43595..43718)], trnL-UAA [46633..46669], trnL-UAA [47160..47209], trnV-UAC [complement(51107..51143)], trnV-UAC [complement(51719..51756)], rps12 [142849..143080], rps12 [143617..143651], clpP [complement(69356..69592)], clpP [complement(70220..70505)], clpP [complement(71252..71313)], petB [74195..74200], petB [74917..75558], petD [75752..75760], petD [76477..76950], rpl16 [complement(80516..80914)], rpl16 [complement(81818..81826)], rpl2 [complement(83498..83932)], rpl2 [complement(84615..85004)], ndhB [complement(93064..93819)], ndhB [complement(94491..95267)], trnI-GAU [100530..100571], trnI-GAU [101503..101537], trnA-UGC [101602..101639], trnA-UGC [102451..102485], ndhA [complement(122774..123313)], ndhA [complement(124267..124818)], trnA-UGC [complement(137223..137257)], trnA-UGC [complement(138069..138106)], trnI-GAU [complement(138171..138205)], trnI-GAU [complement(139137..139178)], ndhB [144441..145217], ndhB [145889..146644], rpl2 [154704..155093], rpl2 [155776..156210], rpl16 [157882..157890], rpl16 [158794..159192]	trnK-UUU [complement(1752..4243)], rps16 [complement(5361..6224)], trnG-UCC [9005..9698], atpF [complement(12121..12809)], rpoC1 [complement(22276..23082)], ycf3 [complement(41953..42650)], ycf3 [complement(42881..43594)], trnL-UAA [46670..47159], trnV-UAC [complement(51144..51718)], clpP [complement(69593..70219)], clpP [complement(70506..71251)], petB [74201..74916], petD [75761..76476], rpl16 [complement(80915..81817)], rpl2 [complement(83933..84614)], ndhB [complement(93820..94490)], trnI-GAU [100572..101502], trnA-UGC [101640..102450], ndhA [complement(123314..124266)], trnA-UGC [complement(137258..138068)], trnI-GAU [complement(138206..139136)], ndhB [145218..145888], rpl2 [155094..155775], rpl16 [157891..158793]
206.	AME	75	rps12 [complement(96171..96205)], rps12 [complement(96742..96973)],	trnK-UUU [complement(1754..4245)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	C		rps12 [complement(69272..69385)], trnK-UUU [complement(1719..1753)], trnK-UUU [complement(4246..4282)], rps16 [complement(5173..5372)], rps16 [complement(6230..6269)], trnG-UCC [8982..9004], trnG-UCC [9700..9747], atpF [complement(11718..12128)], atpF [complement(12821..12964)], rpoC1 [complement(20815..22428)], rpoC1 [complement(23227..23658)], ycf3 [complement(41911..42063)], ycf3 [complement(42762..42991)], ycf3 [complement(43708..43831)], trnL-UAA [46815..46851], trnL-UAA [47346..47395], trnV-UAC [complement(51294..51330)], trnV-UAC [complement(51907..51944)], rps12 [142834..143065], rps12 [143602..143636], clpP [complement(69556..69801)], clpP [complement(70439..70724)], clpP [complement(71466..71527)], petB [74404..74409], petB [75128..75769], petD [75963..75971], petD [76732..77205], rpl16 [complement(80723..81121)], rpl16 [complement(82021..82029)], rpl2 [complement(83711..84145)], rpl2 [complement(84813..85202)], ndhB [complement(93179..93934)], ndhB [complement(94606..95382)], trnI-GAU [100661..100702], trnI-GAU [101635..101669], trnA-UGC [101734..101771], trnA-UGC [102583..102617], ndhA [complement(122770..123309)], ndhA [complement(124395..124946)], trnA-UGC [complement(137190..137224)], trnA-UGC [complement(138036..138073)], trnI-GAU [complement(138138..138172)], trnI-GAU [complement(139105..139146)], ndhB [144425..145201], ndhB [145873..146628], rpl2 [154605..154994], rpl2 [155662..156096], rpl16 [157778..157786], rpl16 [158686..159084]	[complement(5373..6229)], trnG-UCC [9005..9699], atpF [complement(12129..12820)], rpoC1 [complement(22429..23226)], ycf3 [complement(42064..42761)], ycf3 [complement(42992..43707)], trnL-UAA [46852..47345], trnV-UAC [complement(51331..51906)], clpP [complement(69802..70438)], clpP [complement(70725..71465)], petB [74410..75127], petD [75972..76731], rpl16 [complement(81122..82020)], rpl2 [complement(84146..84812)], ndhB [complement(93935..94605)], trnI-GAU [100703..101634], trnA-UGC [101772..102582], ndhA [complement(123310..124394)], trnA-UGC [complement(137225..138035)], trnI-GAU [complement(138173..139104)], ndhB [145202..145872], rpl2 [154995..155661], rpl16 [157787..158685]
207.	AME D	35	trnK-UUU [complement(1341..1375)], trnK-UUU [complement(4010..4046)], trnG-GCC [8538..8561], trnG-GCC [9289..9336], trnL-UAA [45341..45375], trnL-UAA [45945..45994], rps12 [137734..137763], ndhB [complement(92109..92864)], trnI-GAU [99904..99940], trnI-GAU [100872..100906], trnA-UGC [complement(131087..131121)], trnA-UGC [complement(131918..131956)], trnI-GAU [complement(132020..132054)], trnI-GAU [complement(132986..133022)]	trnK-UUU [complement(1376..4009)], rps16 [complement(4914..5783)], trnG-GCC [8562..9288], atpF [complement(11672..12444)], rpoC1 [complement(21767..22466)], ycf3 [complement(40793..41515)], ycf3 [complement(41744..42467)], trnL-UAA [45376..45944], clpP [complement(68372..68973)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(69274..70085)], petB [73068..73864], petD [74715..75503], rpl16 [complement(79700..80444)], rpl2 [complement(82694..83353)], ndhB [complement(92865..93549)], trnI-GAU [99941..100871], ndhA [complement(117584..118597)], trnA-UGC [complement(131122..131917)], trnI-GAU [complement(132055..132985)], ndhB [139410..140061], rpl2 [149570..150232]
208.	AMER	34	trnK-UUU [complement(1341..1375)], trnK-UUU [complement(4038..4074)], trnG-GCC [8571..8594], trnG-GCC [9317..9364], trnL-UAA [45363..45397], trnL-UAA [45960..46009], rps12 [137674..137699], trnI-GAU [99870..99906], trnI-GAU [100838..100872], trnA-UGC [complement(131034..131068)], trnA-UGC [complement(131865..131903)], trnI-GAU [complement(131967..132001)], trnI-GAU [complement(132933..132969)]	trnK-UUU [complement(1376..4037)], rps16 [complement(4945..5840)], trnG-GCC [8595..9316], atpF [complement(11700..12478)], rpoC1 [complement(21794..22498)], ycf3 [complement(40825..41543)], ycf3 [complement(41772..42491)], trnL-UAA [45398..45959], clpP [complement(68432..69023)], clpP [complement(69318..70129)], petB [73095..73895], petD [74746..75493], rpl16 [complement(79691..80445)], rpl2 [complement(82703..83362)], ndhB [complement(92837..93522)], trnI-GAU [99907..100837], ndhA [complement(117582..118599)], trnA-UGC [complement(131069..131864)], trnI-GAU [complement(132002..132932)], ndhB [139350..140002], rpl2 [149474..150136]
209.	AMGN	72	rps12 [complement(95647..95681)], rps12 [complement(96218..96449)], rps12 [complement(68579..68692)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4223..4259)], rps16 [complement(5165..5364)], rps16	trnK-UUU [complement(1731..4222)], rps16 [complement(5365..6224)], trnG-UCC [8983..9675], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6225..6264)], trnG-UCC [8960..8982], trnG-UCC [9676..9723], atpF [complement(11654..12064)], atpF [complement(12757..12900)], rpoC1 [complement(20753..22354)], rpoC1 [complement(23159..23590)], ycf3 [complement(41789..41941)], ycf3 [complement(42644..42873)], ycf3 [complement(43589..43712)], trnL-UAA [46164..46200], trnL-UAA [46691..46740], trnV-UAC [complement(50535..50571)], trnV-UAC [complement(51145..51182)], rps12 [141858..142089], rps12 [142626..142660], clpP [complement(68883..69128)], clpP [complement(69781..70066)], clpP [complement(70829..70890)], petB [73788..73793], petB [74511..75152], petD [75358..75366], petD [76100..76573], rpl16 [complement(80106..80504)], rpl16 [complement(81408..81416)], rpl2 [complement(83109..83543)], rpl2 [complement(84236..84625)], ndhB [complement(92656..93411)], ndhB [complement(94081..94857)], trnI-GAU [100130..100171], trnI-GAU [101103..101137], trnA-UGC [101202..101239], trnA-UGC [102053..102087], ndhA [complement(122038..122577)], ndhA [complement(123663..124214)], trnA-UGC [complement(136220..136254)], trnA-UGC [complement(137068..137105)], trnI-GAU [complement(137170..137204)], trnI-GAU [complement(138136..138177)], ndhB [143450..144226], ndhB [144896..145651], rpl2 [153682..154071], rpl2 [154764..155198]	[complement(12065..12756)], rpoC1 [complement(22355..23158)], ycf3 [complement(41942..42643)], ycf3 [complement(42874..43588)], trnL-UAA [46201..46690], trnV-UAC [complement(50572..51144)], clpP [complement(69129..69780)], clpP [complement(70067..70828)], petB [73794..74510], petD [75367..76099], rpl16 [complement(80505..81407)], rpl2 [complement(83544..84235)], ndhB [complement(93412..94080)], trnI-GAU [100172..101102], trnA-UGC [101240..102052], ndhA [complement(122578..123662)], trnA-UGC [complement(136255..137067)], trnI-GAU [complement(137205..138135)], ndhB [144227..144895], rpl2 [154072..154763]
210.	AMH U	73	rps12 [complement(103509..103534)], rps12 [complement(104071..104302)], rps12 [complement(75078..75191)], trnK-UUU [complement(1749..1777)], trnK-UUU [complement(4291..4327)], rps16 [complement(5186..5421)], rps16 [complement(6323..6362)], trnG-GCC [10710..10732], trnG-GCC [11433..11469], atpF [complement(13481..13894)], atpF [complement(14632..14775)], rpoC1 [complement(22620..24236)], rpoC1 [complement(25000..25431)], ycf3 [complement(46403..46555)], ycf3 [complement(47290..47517)], ycf3 [complement(48252..48377)], trnL-UAA [51418..51454], trnL-UAA [51971..52020], trnV-UAC [complement(55936..55972)], trnV-UAC [complement(56547..56585)], rps12 [complement(75078..75191)], rps12 [147067..147298], rps12 [147835..147860], clpP [complement(75335..75562)], clpP	trnK-UUU [complement(1778..4290)], rps16 [complement(5422..6322)], trnG-GCC [10733..11432], atpF [complement(13895..14631)], rpoC1 [complement(24237..24999)], ycf3 [complement(46556..47289)], ycf3 [complement(47518..48251)], trnL-UAA [51455..51970], trnV-UAC [complement(55973..56546)], clpP [complement(75563..76197)], clpP [complement(76490..77321)], petB [80297..80991], petD [81830..82560], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(76198..76489)], clpP [complement(77322..77392)], petB [80291..80296], petB [80992..81633], petD [81822..81829], petD [82561..83035], rpl16 [complement(86511..86909)], rpl16 [complement(87998..88006)], rpl2 [complement(89767..90201)], rpl2 [complement(90877..91266)], ndhB [complement(100456..101211)], ndhB [complement(101891..102667)], trnI-GAU [108240..108281], trnI-GAU [109233..109267], trnA-UGC [109332..109369], trnA-UGC [110173..110207], ndhA [complement(126554..127093)], ndhA [complement(128226..128777)], trnA-UGC [complement(141162..141196)], trnA-UGC [complement(142000..142037)], trnI-GAU [complement(142102..142136)], trnI-GAU [complement(143088..143129)], ndhB [148702..149478], ndhB [150158..150913], rpl2 [160103..160492], rpl2 [161165..161602]	[complement(86910..87997)], rpl2 [complement(90202..90876)], ndhB [complement(101212..101890)], trnI-GAU [108282..109232], trnA-UGC [109370..110172], ndhA [complement(127094..128225)], trnA-UGC [complement(141197..141999)], trnI-GAU [complement(142137..143087)], ndhB [149479..150157], rpl2 [160493..161164]
211.	AMHY	34	rps12 [complement(95712..95737)], rps12 [complement(96274..96505)], rps12 [complement(69214..69327)], rps16 [complement(4965..5189)], rps16 [complement(6052..6093)], atpF [complement(11350..11759)], atpF [complement(12585..12732)], rpoC1 [complement(20348..21949)], rpoC1 [complement(22716..23150)], rps12 [137887..138118], rps12 [138655..138680], clpP [complement(69468..69693)], clpP [complement(70305..70597)], clpP [complement(71498..71566)], ndhB [complement(92694..93451)], ndhB [complement(94124..94901)], trnA-UGC [101113..101149], trnA-UGC [101190..101217], ndhA [complement(118197..118735)], ndhA [complement(119723..120278)], trnA-UGC [complement(133175..133204)], trnA-UGC [complement(133241..133279)], ndhB [139491..140265], ndhB [140941..141698]	rps16 [complement(5190..6051)], atpF [complement(11760..12584)], rpoC1 [complement(21950..22715)], clpP [complement(69694..70304)], clpP [complement(70598..71497)], ndhB [complement(93452..94123)], trnA-UGC [101150..101189], ndhA [complement(118736..119722)], trnA-UGC [complement(133205..133240)], ndhB [140266..140940]
212.	AMJA	73	rps12 [complement(103490..103515)], rps12 [complement(104052..104283)], rps12 [complement(75057..75170)], trnK-UUU [complement(1737..1765)], trnK-UUU [complement(4281..4317)], rps16 [complement(5182..5417)], rps16 [complement(6319..6358)], trnG-GCC [10722..10744], trnG-GCC [11446..11482], atpF [complement(13511..13924)], atpF [complement(14662..14805)], rpoC1 [complement(22651..24267)], rpoC1 [complement(25031..25462)], ycf3 [complement(46429..46581)], ycf3	trnK-UUU [complement(1766..4280)], rps16 [complement(5418..6318)], trnG-GCC [10745..11445], atpF [complement(13925..14661)], rpoC1 [complement(24268..25030)], ycf3 [complement(46582..47315)], ycf3 [complement(47544..48277)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(47316..47543)], ycf3 [complement(48278..48403)], trnL-UAA [51427..51463], trnL-UAA [51980..52029], trnV-UAC [complement(55949..55985)], trnV-UAC [complement(56560..56598)], rps12 [complement(75057..75170)], rps12 [146773..147004], rps12 [147541..147566], clpP [complement(75314..75541)], clpP [complement(76176..76467)], clpP [complement(77301..77371)], petB [80270..80275], petB [80971..81612], petD [81801..81808], petD [82540..83014], rpl16 [complement(86494..86892)], rpl16 [complement(87975..87983)], rpl2 [complement(89748..90182)], rpl2 [complement(90858..91247)], ndhB [complement(100437..101192)], ndhB [complement(101872..102648)], trnI-GAU [108111..108152], trnI-GAU [109104..109138], trnA-UGC [109203..109240], trnA-UGC [110044..110078], ndhA [complement(126368..126907)], ndhA [complement(128041..128592)], trnA-UGC [complement(140978..141012)], trnA-UGC [complement(141816..141853)], trnI-GAU [complement(141918..141952)], trnI-GAU [complement(142904..142945)], ndhB [148408..149184], ndhB [149864..150619], rpl2 [159809..160198], rpl2 [160871..161308]	[51464..51979], trnV-UAC [complement(55986..56559)], clpP [complement(75542..76175)], clpP [complement(76468..77300)], petB [80276..80970], petD [81809..82539], rpl16 [complement(86893..87974)], rpl2 [complement(90183..90857)], ndhB [complement(101193..101871)], trnI-GAU [108153..109103], trnA-UGC [109241..110043], ndhA [complement(126908..128040)], trnA-UGC [complement(141013..141815)], trnI-GAU [complement(141953..142903)], ndhB [149185..149863], rpl2 [160199..160870]
213.	AMK R	46	rps12 [complement(102062..102088)], rps12 [complement(102640..102870)], rps12 [complement(73178..73291)], rps16 [complement(4992..5209)], rps16 [complement(5930..5969)], atpF [complement(12432..12841)], atpF [complement(13649..13796)], rpoC1 [complement(21655..23291)], rpoC1 [complement(24016..24448)], ycf3 [complement(44891..45043)], ycf3 [complement(45821..46050)], ycf3 [complement(46763..46889)], rps12 [complement(73178..73291)], rps12 [147625..147855], rps12 [148407..148433], clpP [complement(73454..73706)], clpP [complement(74338..74633)], clpP [complement(75475..75543)], petB [78473..78478], petB [79384..80025], rpl16 [complement(84956..85357)], rpl16 [complement(86409..86417)], rpl2 [complement(88424..88854)], rpl2 [complement(89514..89901)], ndhB [complement(99007..99762)], ndhB [complement(100463..101239)], ndhA [complement(127251..127789)], ndhA [complement(128817..129372)], ndhB [149256..150032], ndhB [150733..151488], rpl2 [160594..160978], rpl2 [161641..162071]	rps16 [complement(5210..5929)], atpF [complement(12842..13648)], rpoC1 [complement(23292..24015)], ycf3 [complement(45044..45820)], ycf3 [complement(46051..46762)], clpP [complement(73707..74337)], clpP [complement(74634..75474)], petB [78479..79383], rpl16 [complement(85358..86408)], rpl2 [complement(88855..89513)], ndhB [complement(99763..100462)], ndhA [complement(127790..128816)], ndhB [150033..150732], rpl2 [160979..161640]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
214.	AMK U	40	rps12 [complement(95177..95203)], rps12 [complement(95745..95975)], trnK-UUU [complement(1467..1501)], trnK-UUU [complement(4114..4150)], trnG-GCC [8624..8647], trnG-GCC [9370..9417], trnL-UAA [45329..45363], trnL-UAA [45930..45979], trnV-UAC [complement(49634..49668)], trnV-UAC [complement(50266..50304)], rps12 [137772..137798], petB [73053..73058], trnI-GAU [99897..99933], trnI-GAU [100865..100899], trnA-UGC [complement(131134..131168)], trnA-UGC [complement(131974..132012)], trnI-GAU [complement(132076..132110)], trnI-GAU [complement(133042..133078)]	trnK-UUU [complement(1502..4113)], rps16 [complement(5023..5899)], trnG-GCC [8648..9369], atpF [complement(11753..12522)], rpoC1 [complement(21834..22534)], ycf3 [complement(40800..41518)], ycf3 [complement(41747..42465)], trnL-UAA [45364..45929], trnV-UAC [complement(49669..50265)], clpP [complement(68370..68972)], clpP [complement(69265..70065)], petB [73059..73856], petD [74707..75496], rpl16 [complement(79701..80455)], rpl2 [complement(82703..83362)], ndhB [complement(92874..93559)], trnI-GAU [99934..100864], ndhA [complement(117630..118645)], trnA-UGC [complement(131169..131973)], trnI-GAU [complement(132111..133041)], ndhB [139449..140101], rpl2 [149610..150272]
215.	AML A	72	rps12 [complement(96302..96336)], rps12 [complement(96873..97104)], rps12 [complement(69238..69351)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4229..4265)], rps16 [complement(5165..5364)], rps16 [complement(6225..6264)], trnG-UCC [8932..8954], trnG-UCC [9649..9696], atpF [complement(11637..12047)], atpF [complement(12739..12882)], rpoC1 [complement(20744..22333)], rpoC1 [complement(23100..23531)], ycf3 [complement(41822..41974)], ycf3 [complement(42683..42912)], ycf3 [complement(43626..43749)], trnL-UAA [46713..46749], trnL-UAA [47240..47289], trnV-UAC [complement(51192..51228)], trnV-UAC [complement(51802..51839)], rps12 [142479..142710], rps12 [143247..143281], clpP [complement(69551..69796)], clpP [complement(70448..70733)], clpP [complement(71491..71552)], petB	trnK-UUU [complement(1737..4228)], rps16 [complement(5365..6224)], trnG-UCC [8955..9648], atpF [complement(12048..12738)], rpoC1 [complement(22334..23099)], ycf3 [complement(41975..42682)], ycf3 [complement(42913..43625)], trnL-UAA [46750..47239], trnV-UAC [complement(51229..51801)], clpP [complement(69797..70447)], clpP [complement(70734..71490)], petB [74460..75174], petD [76019..76752], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74454..74459], petB [75175..75816], petD [76010..76018], petD [76753..77226], rpl16 [complement(80700..81098)], rpl16 [complement(82002..82010)], rpl2 [complement(83686..84120)], rpl2 [complement(84960..85349)], ndhB [complement(93301..94056)], ndhB [complement(94736..95512)], trnI-GAU [100780..100821], trnI-GAU [101753..101787], trnA-UGC [101852..101889], trnA-UGC [102703..102737], ndhA [complement(122698..123237)], ndhA [complement(124308..124859)], trnA-UGC [complement(136846..136880)], trnA-UGC [complement(137694..137731)], trnI-GAU [complement(137796..137830)], trnI-GAU [complement(138762..138803)], ndhB [144071..144847], ndhB [145527..146282], rpl2 [154365..154754], rpl2 [155447..155881]	[complement(81099..82001)], rpl2 [complement(84121..84959)], ndhB [complement(94057..94735)], trnI-GAU [100822..101752], trnA-UGC [101890..102702], ndhA [complement(123238..124307)], trnA-UGC [complement(136881..137693)], trnI-GAU [complement(137831..138761)], ndhB [144848..145526], rpl2 [154755..155446]
216.	AMM A	64	rps12 [complement(89048..89076)], rps12 [complement(89617..89848)], rps12 [complement(67079..67192)], trnK-UUU [complement(1407..1441)], trnK-UUU [complement(3935..3971)], rps16 [complement(4532..4749)], rps16 [complement(5574..5613)], trnG-UCC [complement(12880..12927)], trnG-UCC [complement(13602..13624)], atpF [32588..32732], atpF [33519..33925], ycf3 [complement(41702..41862)], ycf3 [complement(42573..42798)], ycf3 [complement(43544..43669)], trnL-UAA [46402..46436], trnL-UAA [46954..47003], trnV-UAC [complement(50564..50600)], trnV-UAC [complement(51197..51235)], rps12 [126595..126826], rps12 [127367..127395], petB [70921..70926], petB [71742..72383], petD [72571..72578], petD [73329..73803], rpl16 [complement(77406..77807)], rpl16 [complement(78845..78853)], rpl2 [complement(80797..81227)], rpl2 [complement(81891..82281)], ndhB [complement(85975..86730)], ndhB [complement(87443..88219)], trnI-GAU [93684..93720], trnI-GAU [94527..94561], trnA-UGC [94627..94664], trnA-UGC [95476..95510], ndhA [complement(111483..112021)], ndhA [complement(113053..113602)], trnA-UGC [complement(120933..120967)], trnA-UGC [complement(121779..121816)], trnI-GAU [complement(121882..121916)], trnI-GAU [complement(122723..122759)], ndhB [128224..129000], ndhB [129713..130468], rpl2 [134162..134552], rpl2 [135216..135646]	trnK-UUU [complement(1442..3934)], rps16 [complement(4750..5573)], trnG-UCC [complement(12928..13601)], atpF [32733..33518], ycf3 [complement(41863..42572)], ycf3 [complement(42799..43543)], trnL-UAA [46437..46953], trnV-UAC [complement(50601..51196)], petB [70927..71741], petD [72579..73328], rpl16 [complement(77808..78844)], rpl2 [complement(81228..81890)], ndhB [complement(86731..87442)], trnI-GAU [93721..94526], trnA-UGC [94665..95475], ndhA [complement(112022..113052)], trnA-UGC [complement(120968..121778)], trnI-GAU [complement(121917..122722)], ndhB [129001..129712], rpl2 [134553..135215]
217.	AMM	4	rps12 [complement(91996..92028)], rps12 [complement(92570..92800)],	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	E		rps12 [complement(69940..70053)], trnI-GAU [96625..96666]	
218.	AMMO	11	rps12 [complement(98233..98475)], rps12 [complement(68750..68863)], rpoC1 [19032..20654], atpF [29005..29412], ycf3 [complement(51194..51346)], rps12 [139240..139482], clpP [complement(69051..69278)], rpl2 [complement(83907..84341)], ndhB [complement(94613..95368)], ndhA [complement(118725..119264)]	trnA-UGC [103607..104426]
219.	AMMU	64	rps12 [complement(92651..92679)], rps12 [complement(93220..93451)], rps12 [complement(69712..69825)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3909..3946)], rps16 [complement(4497..4714)], rps16 [complement(5553..5592)], trnG-UCC [complement(13387..13434)], trnG-UCC [complement(14118..14140)], atpF [35186..35344], atpF [36151..36558], ycf3 [complement(44365..44523)], ycf3 [complement(45256..45483)], ycf3 [complement(46248..46379)], trnL-UAA [49098..49132], trnL-UAA [49677..49726], trnV-UAC [complement(53405..53441)], trnV-UAC [complement(54044..54082)], rps12 [130147..130378], rps12 [130919..130947], petB [73565..73570], petB [74317..74964], petD [75158..75165], petD [75898..76372], rpl16 [complement(79950..80351)], rpl16 [complement(81408..81416)], rpl2 [complement(83364..83795)], rpl2 [complement(84459..84848)], ndhB [complement(89578..90333)], ndhB [complement(91046..91822)], trnI-GAU [97269..97310], trnI-GAU [98257..98291], trnA-UGC [98357..98394], trnA-UGC [99205..99239], ndhA [complement(114790..115329)], ndhA [complement(116390..116932)], trnA-UGC [complement(124359..124393)], trnA-UGC [complement(125204..125241)], trnI-GAU [complement(125307..125341)], trnI-GAU [complement(126288..126329)], ndhB [131776..132552], ndhB [133265..134020], rpl2 [138750..139139], rpl2 [139803..140234]	trnK-UUU [complement(1411..3908)], rps16 [complement(4715..5552)], trnG-UCC [complement(13435..14117)], atpF [35345..36150], ycf3 [complement(44524..45255)], ycf3 [complement(45484..46247)], trnL-UAA [49133..49676], trnV-UAC [complement(53442..54043)], petB [73571..74316], petD [75166..75897], rpl16 [complement(80352..81407)], rpl2 [complement(83796..84458)], ndhB [complement(90334..91045)], trnI-GAU [97311..98256], trnA-UGC [98395..99204], ndhA [complement(115330..116389)], trnA-UGC [complement(124394..125203)], trnI-GAU [complement(125342..126287)], ndhB [132553..133264], rpl2 [139140..139802]
220.	AMNA	41	rps12 [complement(92228..92260)], rps12 [complement(92802..93032)], rps12 [complement(70126..70239)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3926..3963)], trnG-UCC [complement(13638..13685)], trnG-UCC [complement(14359..14381)], trnL-UAA [49328..49362], trnL-UAA [49903..49952], trnV-UAC [complement(53384..53420)], trnV-UAC [complement(54017..54055)], ndhB	trnK-UUU [complement(1411..3925)], rps16 [complement(4738..5572)], trnG-UCC [complement(13686..14358)], atpF [35535..36393], ycf3 [complement(44758..45479)], ycf3 [complement(45708..46438)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89159..89914)], ndhB [complement(90627..91403)], trnI-GAU [96857..96898], trnI-GAU [97844..97878], trnA-UGC [97949..97986], trnA-UGC [98798..98832], trnA-UGC [complement(124406..124440)], trnA-UGC [complement(125252..125289)], trnI-GAU [complement(125360..125394)], trnI-GAU [complement(126340..126381)]	[49363..49902], trnV-UAC [complement(53421..54016)], petB [73966..74780], petD [75619..76367], rpl16 [complement(80858..81974)], rpl2 [complement(84397..85056)], ndhB [complement(89915..90626)], trnI-GAU [96899..97843], trnA-UGC [97987..98797], ndhA [complement(115446..116490)], trnA-UGC [complement(124441..125251)], trnI-GAU [complement(125395..126339)], ndhB [132612..133323], rpl2 [138182..138841]
221.	AMN N	4	rps12 [complement(98439..98681)], rps12 [complement(68807..68920)], atpF [29051..29058], rps12 [139474..139716]	-
222.	AMP A	75	rps12 [complement(96031..96065)], rps12 [complement(96603..96834)], rps12 [complement(69234..69347)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4237..4273)], rps16 [complement(5162..5361)], rps16 [complement(6219..6258)], trnG-UCC [9010..9032], trnG-UCC [9729..9776], atpF [complement(11746..12156)], atpF [complement(12854..12997)], rpoC1 [complement(20848..22461)], rpoC1 [complement(23269..23700)], ycf3 [complement(41889..42041)], ycf3 [complement(42740..42969)], ycf3 [complement(43685..43808)], trnL-UAA [46778..46814], trnL-UAA [47307..47356], trnV-UAC [complement(51253..51289)], trnV-UAC [complement(51867..51904)], rps12 [143105..143336], rps12 [143874..143908], clpP [complement(69518..69763)], clpP [complement(70400..70685)], clpP [complement(71428..71489)], petB [74371..74376], petB [75093..75734], petD [75928..75936], petD [76691..77164], rpl16 [complement(80682..81080)], rpl16 [complement(81980..81988)], rpl2 [complement(83668..84102)], rpl2 [complement(84770..85159)], ndhB [complement(93039..93794)], ndhB [complement(94466..95242)], trnI-GAU [100522..100563], trnI-GAU [101496..101530], trnA-UGC [101595..101632], trnA-UGC [102444..102478], ndhA [complement(122843..123382)], ndhA [complement(124466..125017)],	trnK-UUU [complement(1750..4236)], rps16 [complement(5362..6218)], trnG-UCC [9033..9728], atpF [complement(12157..12853)], rpoC1 [complement(22462..23268)], ycf3 [complement(42042..42739)], ycf3 [complement(42970..43684)], trnL-UAA [46815..47306], trnV-UAC [complement(51290..51866)], clpP [complement(69764..70399)], clpP [complement(70686..71427)], petB [74377..75092], petD [75937..76690], rpl16 [complement(81081..81979)], rpl2 [complement(84103..84769)], ndhB [complement(93795..94465)], trnI-GAU [100564..101495], trnA-UGC [101633..102443], ndhA [complement(123383..124465)], trnA-UGC [complement(137496..138306)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(137461..137495)], trnA-UGC [complement(138307..138344)], trnI-GAU [complement(138409..138443)], trnI-GAU [complement(139376..139417)], ndhB [144697..145473], ndhB [146145..146900], rpl2 [154780..155169], rpl2 [155837..156271], rpl16 [157951..157959], rpl16 [158859..159257]	[complement(138444..139375)], ndhB [145474..146144], rpl2 [155170..155836], rpl16 [157960..158858]
223.	AMPI	75	rps12 [complement(96235..96269)], rps12 [complement(96806..97037)], rps12 [complement(69426..69539)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4242..4278)], rps16 [complement(5162..5361)], rps16 [complement(6242..6281)], trnG-UCC [9031..9053], trnG-UCC [9749..9796], atpF [complement(11759..12169)], atpF [complement(12868..13011)], rpoC1 [complement(20861..22474)], rpoC1 [complement(23282..23713)], ycf3 [complement(42005..42157)], ycf3 [complement(42856..43085)], ycf3 [complement(43801..43924)], trnL-UAA [46887..46923], trnL-UAA [47417..47466], trnV-UAC [complement(51365..51401)], trnV-UAC [complement(51984..52021)], rps12 [143070..143301], rps12 [143838..143872], clpP [complement(69710..69955)], clpP [complement(70592..70877)], clpP [complement(71620..71681)], petB [74558..74563], petB [75282..75923], petD [76117..76125], petD [76880..77353], rpl16 [complement(80865..81263)], rpl16 [complement(82163..82171)], rpl2 [complement(83851..84285)], rpl2 [complement(84953..85342)], ndhB [complement(93251..94006)], ndhB [complement(94670..95446)], trnI-GAU [100725..100766], trnI-GAU [101699..101733], trnA-UGC [101798..101835], trnA-UGC [102647..102681], ndhA [complement(122932..123471)], ndhA [complement(124556..125107)], trnA-UGC [complement(137426..137460)], trnA-UGC [complement(138272..138309)], trnI-GAU [complement(138374..138408)], trnI-GAU [complement(139341..139382)], ndhB [144661..145437], ndhB [146101..146856], rpl2 [154765..155154], rpl2 [155822..156256], rpl16 [157936..157944], rpl16 [158844..159242]	trnK-UUU [complement(1750..4241)], rps16 [complement(5362..6241)], trnG-UCC [9054..9748], atpF [complement(12170..12867)], rpoC1 [complement(22475..23281)], ycf3 [complement(42158..42855)], ycf3 [complement(43086..43800)], trnL-UAA [46924..47416], trnV-UAC [complement(51402..51983)], clpP [complement(69956..70591)], clpP [complement(70878..71619)], petB [74564..75281], petD [76126..76879], rpl16 [complement(81264..82162)], rpl2 [complement(84286..84952)], ndhB [complement(94007..94669)], trnI-GAU [100767..101698], trnA-UGC [101836..102646], ndhA [complement(123472..124555)], trnA-UGC [complement(137461..138271)], trnI-GAU [complement(138409..139340)], ndhB [145438..146100], rpl2 [155155..155821], rpl16 [157945..158843]
224.	AMPL	64	rps12 [complement(88946..88974)], rps12 [complement(89515..89746)], rps12 [complement(67148..67261)], trnK-UUU [complement(1388..1422)], trnK-UUU [complement(3957..3993)], rps16 [complement(4553..4767)], rps16	trnK-UUU [complement(1423..3956)], rps16 [complement(4768..5596)], trnG-UCC [complement(12996..13672)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5597..5636)], trnG-UCC [complement(12948..12995)], trnG-UCC [complement(13673..13695)], atpF [32485..32629], atpF [33455..33861], ycf3 [complement(41684..41844)], ycf3 [complement(42565..42790)], ycf3 [complement(43554..43679)], trnL-UAA [46475..46509], trnL-UAA [47071..47120], trnV-UAC [complement(50287..50323)], trnV-UAC [complement(50927..50965)], rps12 [126297..126528], rps12 [127069..127097], petB [70992..70997], petB [71746..72387], petD [72576..72583], petD [73320..73794], rpl16 [complement(77408..77809)], rpl16 [complement(78721..78729)], rpl2 [complement(80743..81173)], rpl2 [complement(81837..82227)], ndhB [complement(85878..86633)], ndhB [complement(87346..88122)], trnI-GAU [93540..93576], trnI-GAU [94383..94417], trnA-UGC [94483..94520], trnA-UGC [95332..95366], ndhA [complement(111190..111728)], ndhA [complement(112786..113335)], trnA-UGC [complement(120677..120711)], trnA-UGC [complement(121523..121560)], trnI-GAU [complement(121626..121660)], trnI-GAU [complement(122467..122503)], ndhB [127921..128697], ndhB [129410..130165], rpl2 [133816..134206], rpl2 [134870..135300]	[32630..33454], ycf3 [complement(41845..42564)], ycf3 [complement(42791..43553)], trnL-UAA [46510..47070], trnV-UAC [complement(50324..50926)], petB [70998..71745], petD [72584..73319], rpl16 [complement(77810..78720)], rpl2 [complement(81174..81836)], ndhB [complement(86634..87345)], trnI-GAU [93577..94382], trnA-UGC [94521..95331], ndhA [complement(111729..112785)], trnA-UGC [complement(120712..121522)], trnI-GAU [complement(121661..122466)], ndhB [128698..129409], rpl2 [134207..134869]
225.	AMS A	4	rps12 [complement(92002..92034)], rps12 [complement(92576..92806)], rps12 [complement(69932..70045)]	trnI-GAU [96673..97618]
226.	AMST	78	rps12 [complement(96100..96134)], rps12 [complement(96671..96902)], rps12 [complement(68777..68890)], trnK-UUU [complement(1697..1731)], trnK-UUU [complement(4224..4260)], rps16 [complement(5127..5326)], rps16 [complement(6187..6226)], trnG-UCC [8907..8929], trnG-UCC [9624..9671], atpF [complement(11610..12020)], atpF [complement(12713..12856)], rpoC1 [complement(20682..22283)], rpoC1 [complement(23076..23507)], ycf3 [complement(41483..41635)], ycf3 [complement(42321..42550)], ycf3 [complement(43258..43381)], trnL-UAA [46320..46356], trnL-UAA [46846..46895], trnV-UAC [complement(50677..50713)], trnV-UAC [complement(51290..51327)], rps12 [143016..143247], rps12 [143784..143818], clpP [complement(69064..69309)], clpP [complement(69945..70230)], clpP [complement(70983..71044)], petB [73928..73933], petB [74650..75291], petD [75497..75505], petD	trnK-UUU [complement(1732..4223)], rps16 [complement(5327..6186)], trnG-UCC [8930..9623], atpF [complement(12021..12712)], rpoC1 [complement(22284..23075)], ycf3 [complement(41636..42320)], ycf3 [complement(42551..43257)], trnL-UAA [46357..46845], trnV-UAC [complement(50714..51289)], clpP [complement(69310..69944)], clpP [complement(70231..70982)], petB [73934..74649], petD [75506..76260], rpl16 [complement(80789..81693)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76261..76734], rpl16 [complement(80390..80788)], rpl16 [complement(81694..81702)], rpl2 [complement(83428..83862)], rpl2 [complement(84555..84944)], ndhB [complement(93099..93854)], ndhB [complement(94534..95310)], trnI-GAU [100596..100637], trnI-GAU [101570..101604], trnA-UGC [101669..101706], trnA-UGC [102518..102552], ndhA [complement(122857..123396)], ndhA [complement(124470..125021)], trnA-UGC [complement(137366..137400)], trnA-UGC [complement(138212..138249)], trnI-GAU [complement(138314..138348)], trnI-GAU [complement(139281..139322)], ndhB [144608..145384], ndhB [146064..146819], rpl2 [154974..155363], rpl2 [156056..156490], rpl16 [158216..158224], rpl16 [159130..159528], petD [complement(163184..163657)], petD [complement(164413..164421)]	[complement(83863..84554)], ndhB [complement(93855..94533)], trnI-GAU [100638..101569], trnA-UGC [101707..102517], ndhA [complement(123397..124469)], trnA-UGC [complement(137401..138211)], trnI-GAU [complement(138349..139280)], ndhB [145385..146063], rpl2 [155364..156055], rpl16 [158225..159129], petD [complement(163658..164412)]
227.	AMTI	25	rps12 [complement(69560..69673)], rps12 [138835..138860]	trnK [complement(1767..4331)], rps16 [complement(5456..6307)], rpoC1 [16758..17526], atpF [27264..27970], trnG-UCC [30418..31169], ycf3 [complement(42555..43292)], ycf3 [complement(43521..44213)], trnL-UAA [47331..47766], trnV-UAC [complement(51169..51746)], clpP [complement(70057..70688)], clpP [complement(70981..71730)], petB [74724..75479], petD [76323..77039], rpl16 [complement(81428..82442)], rpl2 [complement(84559..85219)], ndhB [complement(94889..95558)], trnI-GAU [101984..102762], trnA-UGC [102900..103713], ndhA [116003..117055], trnA-UGC [complement(132294..133107)], trnI-GAU [complement(133245..134018)], ndhB [140449..141118], rpl2 [150788..151448]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
228.	AMT R	2	rps12 [148902..148927]	rpl16 [complement(88203..89312)]
229.	AMT U	25	trnK-UUU [complement(1394..1426)], trnK-UUU [complement(3927..3964)], trnG-UCC [complement(12729..12776)], trnG-UCC [complement(13459..13481)], rps12 [127251..127279]	trnK-UUU [complement(1427..3926)], rps16 [complement(4725..5568)], trnG-UCC [complement(12777..13458)], atpF [33512..34326], ycf3 [complement(42685..43412)], ycf3 [complement(43641..44373)], trnL-UAA [47244..47788], trnV-UAC [complement(51296..51896)], petB [71395..72150], petD [72989..73727], rpl16 [complement(78132..79212)], rpl2 [complement(81616..82281)], ndhB [complement(86646..87357)], trnI-GAU [93641..94573], trnA-UGC [94712..95521], ndhA [complement(111702..112768)], trnA-UGC [complement(120721..121530)], trnI-GAU [complement(121669..122601)], ndhB [128885..129596], rpl2 [133961..134626]
230.	AMW A	36	trnK-UUU [complement(1341..1375)], trnK-UUU [complement(4018..4054)], trnG-GCC [8537..8560], trnG-GCC [9288..9335], trnL-UAA [45037..45071], trnL-UAA [45563..45612], trnV-UAC [complement(49263..49297)], trnV-UAC [complement(49888..49926)], rps12 [137523..137548], trnI-GAU [99602..99638], trnI-GAU [100570..100604], trnA-UGC [complement(130871..130905)], trnA-UGC [complement(131702..131740)], trnI-GAU [complement(131810..131844)], trnI-GAU [complement(132776..132812)]	trnK-UUU [complement(1376..4017)], rps16 [complement(4945..5812)], trnG-GCC [8561..9287], atpF [complement(11677..12449)], rpoC1 [complement(21765..22462)], ycf3 [complement(40505..41223)], ycf3 [complement(41452..42170)], trnL-UAA [45072..45562], trnV-UAC [complement(49298..49887)], clpP [complement(68055..68646)], clpP [complement(68939..69757)], petB [72725..73518], petD [74369..75163], rpl16 [complement(79364..80108)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(82416..83075)], ndhB [complement(92563..93248)], trnI-GAU [99639..100569], ndhA [complement(117348..118370)], trnA-UGC [complement(130906..131701)], trnI-GAU [complement(131845..132775)], ndhB [139199..139851]
231.	ANAB	23	trnK-UUU [complement(1381..1409)], trnK-UUU [complement(3895..3932)], rps12 [128815..128843]	trnK-UUU [complement(1410..3894)], rps16 [complement(4694..5533)], trnG-UCC [complement(13198..13895)], atpF [33397..34244], ycf3 [complement(42564..43299)], ycf3 [complement(43528..44281)], trnL-UAA [47206..47663], trnV-UAC [complement(51377..51978)], petB [71518..72260], petD [73099..73875], rpl16 [complement(78330..79421)], rpl2 [complement(81827..82489)], ndhB [complement(88404..89107)], trnI-GAU [95381..96326], trnA-UGC [96466..97275], ndhA [complement(113310..114331)], trnA-UGC [complement(122281..123090)], trnI-GAU [complement(123230..124175)], ndhB [130449..131152], rpl2 [137067..137729]
232.	ANAC	69	rps12 [complement(97939..97964)], rps12 [complement(98501..98732)], rps12 [complement(70884..70997)], trnK-UUU [complement(2578..2612)], trnK-UUU [complement(5142..5178)], rps16 [complement(5889..6085)], rps16 [complement(6938..6977)], trnG-UCC [9984..10006], trnG-UCC [10707..10754], atpF [complement(12649..13049)], atpF [complement(13760..13904)], rpoC1 [complement(21664..23268)], rpoC1 [complement(24028..24459)], ycf3 [complement(44138..44290)], ycf3 [complement(45067..45294)], ycf3 [complement(46015..46140)], trnL-UAA	trnK-UUU [complement(2613..5141)], rps16 [complement(6086..6937)], trnG-UCC [10007..10706], atpF [complement(13050..13759)], rpoC1 [complement(23269..24027)], ycf3 [complement(44291..45066)], ycf3 [complement(45295..46014)], trnL-UAA [49227..49728], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[49192..49226], trnL-UAA [49729..49778], trnV-UAC [complement(53370..53404)], trnV-UAC [complement(53995..54033)], rps12 [141710..141941], rps12 [142478..142503], clpP [complement(71143..71373)], clpP [complement(72009..72300)], clpP [complement(73157..73227)], petB [76178..76183], petB [76936..77577], petD [77757..77764], petD [78506..78980], rpl16 [complement(82441..82839)], rpl16 [complement(83801..83809)], rpl2 [complement(85501..85934)], rpl2 [complement(86586..86976)], ndhB [complement(94903..95658)], ndhB [complement(96341..97117)], trnI-GAU [102662..102698], trnI-GAU [103647..103681], trnA-UGC [103746..103783], trnA-UGC [104598..104632], ndhA [complement(121381..121919)], ndhA [complement(122993..123545)], trnA-UGC [complement(135810..135844)], trnA-UGC [complement(136659..136696)], trnI-GAU [complement(136761..136795)], trnI-GAU [complement(137744..137780)], ndhB [143325..144101], ndhB [144784..145539]</p>	<p>[complement(53405..53994)], clpP [complement(71374..72008)], clpP [complement(72301..73156)], petB [76184..76935], petD [77765..78505], rpl16 [complement(82840..83800)], rpl2 [complement(85935..86585)], ndhB [complement(95659..96340)], trnI-GAU [102699..103646], trnA-UGC [103784..104597], ndhA [complement(121920..122992)], trnA-UGC [complement(135845..136658)], trnI-GAU [complement(136796..137743)], ndhB [144102..144783]</p>
233.	ANAI	23	<p>trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3906..3943)], rps12 [128934..128962]</p>	<p>trnK-UUU [complement(1416..3905)], rps16 [complement(4696..5534)], trnG-UCC [complement(12816..13506)], atpF [34099..34923], ycf3 [complement(43272..44005)], ycf3 [complement(44234..44988)], trnL-UAA [47922..48372], trnV-UAC [complement(52083..52683)], petB [71748..72503], petD [73342..74081], rpl16 [complement(78522..79610)], rpl2 [complement(82012..82674)], ndhB [complement(88573..89276)], trnI-GAU [95525..96470], trnA-UGC [96609..97418], ndhA [complement(113430..114469)], trnA-UGC [complement(122427..123236)], trnI-GAU [complement(123375..124320)], ndhB [130569..131272], rpl2 [137171..137833]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
234.	ANAL	1	rps12 [146669..146703]	-
235.	ANAR	1	rps12 [146895..146929]	-
236.	ANAS	26	trnK-UUU [complement(1400..1439)], trnK-UUU [complement(4054..4090)], rps12 [142528..142553]	trnK-UUU [complement(1440..4053)], rps16 [complement(4793..5646)], trnG-GCC [9034..9732], atpF [complement(12056..12907)], rpoC1 [complement(22031..22765)], ycf3 [complement(42871..43608)], ycf3 [complement(43839..44538)], trnL-UAA [47670..48183], trnV-UAC [complement(52441..53039)], clpP [complement(71273..71944)], clpP [complement(72236..73042)], petB [76589..76816], petD [77686..78417], rpl16 [complement(82767..83709)], rpl2 [complement(86008..86671)], ndhB [complement(96986..97684)], trnI-GAU [103924..104859], trnA-UGC [104997..105811], ndhA [complement(122175..123274)], trnA-UGC [complement(136045..136859)], trnI-GAU [complement(136997..137932)], ndhB [144172..144870], rpl2 [155185..155848]
237.	ANAU	1	rps12 [147055..147089]	-
238.	ANBR	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3921..3958)], rps12 [130915..130943]	trnK-UUU [complement(1416..3920)], rps16 [complement(4648..5483)], trnG-UCC [complement(13598..14295)], atpF [35558..36391], ycf3 [complement(44712..45440)], ycf3 [complement(45669..46431)], trnL-UAA [49333..49781], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(53529..54130)], petB [73595..74355], petD [75194..75933], rpl16 [complement(80372..81429)], rpl2 [complement(83829..84491)], ndhB [complement(90466..91169)], trnI-GAU [97489..98434], trnA-UGC [98573..99382], ndhA [complement(115358..116381)], trnA-UGC [complement(124336..125145)], trnI-GAU [complement(125284..126229)], ndhB [132549..133252], rpl2 [139227..139889]
239.	ANBU	1	rps12 [138568..138594]	-
240.	ANCA	1	rps12 [146604..146638]	-
241.	ANCE	40	rps12 [complement(70378..70491)], trnK-UUU [complement(1524..1558)], trnK-UUU [complement(4038..4074)], trnG-GCC [8980..9002], trnG-GCC [9701..9741], trnL-UAA [48264..48298], trnL-UAA [48803..48852], trnV-UAC [complement(52415..52449)], trnV-UAC [complement(53017..53055)], trnI-GAU [102448..102484], trnI-GAU [103434..103468], trnA-UGC [103533..103570], trnA-UGC [104384..104418], trnA-UGC [complement(135076..135110)], trnA-UGC [complement(135924..135961)], trnI-GAU [complement(136026..136060)], trnI-GAU [complement(137010..137046)]	trnK-UUU [complement(1559..4037)], rps16 [complement(4780..5627)], trnG-GCC [9003..9700], atpF [complement(12048..12786)], rpoC1 [complement(22685..23434)], ycf3 [complement(43535..44290)], ycf3 [complement(44521..45244)], trnL-UAA [48299..48802], trnV-UAC [complement(52450..53016)], clpP [complement(70869..71495)], clpP [complement(71788..72627)], petB [75650..76398], petD [77227..77984], rpl16 [complement(82331..83237)], rpl2 [complement(85375..86024)], ndhB [complement(95452..96133)], trnI-GAU [102485..103433], trnA-UGC [103571..104383], ndhA [complement(121216..122305)], trnA-UGC [complement(135111..135923)], trnI-GAU [complement(136061..137009)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[143361..144042], rpl2 [153470..154119]
242.	ANCH	46	rps12 [complement(105939..105965)], rps12 [complement(106495..106725)], rps12 [complement(75348..75461)], trnV-UAC [14498..14536], trnV-UAC [15127..15163], trnL-UAA [complement(19674..19723)], trnL-UAA [complement(20218..20252)], trnG-UCC [complement(60126..60173)], trnG-UCC [complement(60964..60987)], trnK-UUU [complement(66771..66807)], trnK-UUU [complement(69344..69378)], trnI-GAU [110777..110818], trnI-GAU [111753..111787], trnA-UGC [111852..111889], trnA-UGC [112696..112730], trnA-UGC [complement(158765..158799)], trnA-UGC [complement(159606..159643)], trnI-GAU [complement(159708..159742)], trnI-GAU [complement(160677..160718)]	trnV-UAC [14537..15126], trnL-UAA [complement(19724..20217)], ycf3 [23454..24198], ycf3 [24427..25148], rpoC1 [46436..47168], atpF [56837..57720], trnG-UCC [complement(60174..60963)], rps16 [65113..65910], trnK-UUU [complement(66808..69343)], clpP [complement(76276..76904)], clpP [complement(77196..77962)], petB [80949..81754], petD [82601..83367], rpl16 [complement(87990..88989)], rpl2 [complement(91131..91804)], ndhB [complement(103618..104309)], trnI-GAU [110819..111752], trnA-UGC [111890..112695], ndhA [125839..126937], ndhA [complement(144558..145656)], trnA-UGC [complement(158800..159605)], trnI-GAU [complement(159743..160676)], ndhB [167186..167877], rpl2 [179691..180364], rpl16 [182506..183505], petD [complement(188128..188894)], petB [complement(189741..190546)]
243.	ANCI	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3906..3943)], rps12 [128910..128938]	trnK-UUU [complement(1416..3905)], rps16 [complement(4706..5544)], trnG-UCC [complement(12812..13502)], atpF [34098..34922], ycf3 [complement(43245..43978)], ycf3 [complement(44207..44961)], trnL-UAA [47895..48345], trnV-UAC [complement(52056..52656)], petB [71724..72479], petD [73318..74057], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(78498..79585)], rpl2 [complement(81987..82649)], ndhB [complement(88548..89251)], trnI-GAU [95500..96445], trnA-UGC [96584..97393], ndhA [complement(113406..114445)], trnA-UGC [complement(122403..123212)], trnI-GAU [complement(123351..124296)], ndhB [130545..131248], rpl2 [137147..137809]
244.	ANCM	64	rps12 [complement(101770..101795)], rps12 [complement(102337..102568)], rps12 [complement(73022..73135)], rps16 [complement(4745..4954)], rps16 [complement(5778..5819)], atpF [complement(12712..13122)], atpF [complement(13963..14106)], rpoC1 [complement(22062..23687)], rpoC1 [complement(24384..24818)], ycf3 [complement(44699..44851)], ycf3 [complement(45598..45825)], ycf3 [complement(46552..46683)], trnL [49476..49510], trnL [50076..50125], trnV [complement(53941..53985)], trnV [complement(54562..54600)], rps12 [complement(73022..73135)], rps12 [144535..144766], rps12 [145308..145333], clpP [complement(73276..73527)], clpP [complement(74197..74487)], clpP [complement(75364..75432)], petB [78343..78348], petB [79132..79773], rpl16 [complement(84705..85106)], rpl16 [complement(86157..86165)], rpl2 [complement(88051..88479)], rpl2 [complement(89146..89538)], ndhB [complement(98699..99454)], ndhB [complement(100155..100931)], trnI [106392..106433], trnI [107371..107405], trnA [107470..107507], trnA [108309..108343], ndhA [complement(124245..124784)], ndhA [complement(125853..126401)], trnA [complement(138760..138794)], trnA [complement(139596..139633)], trnI [complement(139698..139732)], trnI [complement(140670..140711)], ndhB [146172..146948], ndhB [147649..148404], rpl2 [157565..157957], rpl2 [158655..159052]	rps16 [complement(4955..5777)], atpF [complement(13123..13962)], rpoC1 [complement(23688..24383)], ycf3 [complement(44852..45597)], ycf3 [complement(45826..46551)], trnL [49511..50075], trnV [complement(53986..54561)], clpP [complement(73528..74196)], clpP [complement(74488..75363)], petB [78349..79131], rpl16 [complement(85107..86156)], rpl2 [complement(88480..89145)], ndhB [complement(99455..100154)], trnI [106434..107370], trnA [107508..108308], ndhA [complement(124785..125852)], trnA [complement(138795..139595)], trnI [complement(139733..140669)], ndhB [146949..147648], rpl2 [157958..158654]
245.	ANCN	66	rps12 [complement(99579..99604)], rps12 [complement(100131..100362)], rps12 [complement(71864..71977)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4341..4377)], rps16 [complement(5214..5440)], rps16 [complement(6283..6322)], trnG-GCC [9720..9742], trnG-GCC	trnK-UUU [complement(1858..4340)], rps16 [complement(5441..6282)], trnG-GCC [9743..10415], atpF [complement(12852..13535)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10416..10452], atpF [complement(12441..12851)], atpF [complement(13536..13694)], rpoC1 [complement(21552..23171)], rpoC1 [complement(23941..24372)], ycf3 [complement(44142..44294)], ycf3 [complement(45051..45278)], ycf3 [complement(45985..46110)], trnL-UAA [48666..48702], trnL-UAA [49198..49247], trnV-UAC [complement(53255..53291)], trnV-UAC [complement(53881..53918)], rps12 [141507..141738], rps12 [142265..142290], clpP [complement(72111..72338)], clpP [complement(72980..73270)], clpP [complement(74109..74177)], petB [77086..77091], petB [77873..78514], rpl16 [complement(83309..83707)], rpl16 [complement(84690..84698)], rpl2 [complement(86343..86777)], rpl2 [complement(87431..87826)], ndhB [complement(96545..97300)], ndhB [complement(97900..98769)], trnI-GAU [104056..104097], trnI-GAU [105036..105070], trnA-UGC [105134..105171], trnA-UGC [105979..106013], trnA-UGC [complement(135856..135890)], trnA-UGC [complement(136698..136735)], trnI-GAU [complement(136799..136833)], trnI-GAU [complement(137772..137813)], ndhB [143100..143969], ndhB [144569..145324], rpl2 [154043..154438], rpl2 [155095..155526]	[complement(23172..23940)], ycf3 [complement(44295..45050)], ycf3 [complement(45279..45984)], trnL-UAA [48703..49197], trnV-UAC [complement(53292..53880)], clpP [complement(72339..72979)], clpP [complement(73271..74108)], petB [77092..77872], rpl16 [complement(83708..84689)], rpl2 [complement(86778..87430)], ndhB [complement(97301..97899)], trnI-GAU [104098..105035], trnA-UGC [105172..105978], trnA-UGC [complement(135891..136697)], trnI-GAU [complement(136834..137771)], ndhB [143970..144568], rpl2 [154439..155094]
246.	ANCO	72	trnK [complement(1887..1921)], trnK [complement(4465..4501)], rps16 [complement(5087..5280)], rps16 [complement(6164..6203)], trnG [9723..9745], trnG [10505..10553], atpF [complement(12827..13251)], atpF [complement(14009..14153)], rpoC1 [complement(22352..23968)], rpoC1 [complement(24705..25157)], ycf3 [complement(46011..46163)], ycf3 [complement(46895..47124)], ycf3 [complement(47881..48004)], trnL [51347..51381], trnL [51897..51942], trnV [complement(55137..55171)], trnV [complement(55772..55810)], rps12 [74192..74305], rps12 [145832..146070], rps12 [146600..146636], rps12 [complement(103034..103264)], rps12 [complement(102460..102486)], clpP [complement(74472..74699)], clpP [complement(75320..75611)], clpP [complement(76484..76554)], petB [79365..79370], petB [80146..80787], petD [80980..80987], petD [81745..82219], rpl16 [complement(85726..86124)], rpl16 [complement(87142..87150)], rpl2 [complement(88819..89252)], rpl2 [complement(89917..90307)], ndhB [complement(99399..100154)], ndhB	trnK [complement(1922..4464)], rps16 [complement(5281..6163)], trnG [9746..10504], atpF [complement(13252..14008)], rpoC1 [complement(23969..24704)], ycf3 [complement(46164..46894)], ycf3 [complement(47125..47880)], trnL [51382..51896], trnV [complement(55172..55771)], clpP [complement(74700..75319)], clpP [complement(75612..76483)], petB [79371..80145], petD [80988..81744], rpl16 [complement(86125..87141)], rpl2 [complement(89253..89916)], ndhB [complement(100155..100836)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(100837..101613)], trnI [107223..107259], trnI [108211..108245], trnA [108315..108352], trnA [109156..109190], ndhA [complement(125103..125642)], ndhA [complement(126708..127259)], trnA [complement(139906..139940)], trnA [complement(140744..140781)], trnI [complement(140852..140886)], trnI [complement(141838..141874)], ndhB [147483..148259], ndhB [148942..149697], rpl2 [158789..159179], rpl2 [159844..160277]	[107260..108210], trnA [108353..109155], ndhA [complement(125643..126707)], trnA [complement(139941..140743)], trnI [complement(140887..141837)], ndhB [148260..148941], rpl2 [159180..159843]
247.	ANCR	69	rps12 [complement(99607..99632)], rps12 [complement(100166..100397)], rps12 [complement(71714..71827)], trnH-GUG [complement(156679..156681)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1744..1778)], trnK-UUU [complement(4284..4320)], rps16 [complement(4960..5170)], rps16 [complement(6028..6068)], trnG-UCC [8758..8780], trnG-UCC [9494..9541], atpF [complement(11477..11886)], atpF [complement(12622..12766)], rpoC1 [complement(20364..21974)], rpoC1 [complement(22758..23189)], ycf3 [complement(43363..43515)], ycf3 [complement(44299..44526)], ycf3 [complement(45301..45426)], trnL-UAA [48533..48569], trnL-UAA [49145..49194], trnV-UAC [complement(53157..53191)], trnV-UAC [complement(53778..53815)], rps12 [142787..143018], rps12 [143552..143577], clpP [complement(71972..72199)], clpP [complement(72796..73087)], clpP [complement(73961..74031)], petB [76983..76988], petB [77759..78400], petD [78614..78621], petD [79397..79871], rpl16 [complement(83312..83710)], rpl16 [complement(84854..84862)], ndhB [complement(96572..97327)], ndhB [complement(97996..98772)], trnI-GAU [104004..104040], trnI-GAU [104987..105021], trnA-UGC [105092..105129], trnA-UGC [105947..105981], ndhA [complement(122638..123176)], ndhA [complement(124293..124845)], trnA-UGC [complement(137203..137237)], trnA-UGC [complement(138055..138092)], trnI-GAU [complement(138163..138197)], trnI-GAU [complement(139144..139180)], ndhB [144412..145188], ndhB [145857..146612]	trnH-GUG [complement(156682..0)], trnK-UUU [complement(1779..4283)], rps16 [complement(5171..6027)], trnG-UCC [8781..9493], atpF [complement(11887..12621)], rpoC1 [complement(21975..22757)], ycf3 [complement(43516..44298)], ycf3 [complement(44527..45300)], trnL-UAA [48570..49144], trnV-UAC [complement(53192..53777)], clpP [complement(72200..72795)], clpP [complement(73088..73960)], petB [76989..77758], petD [78622..79396], rpl16 [complement(83711..84853)], ndhB [complement(97328..97995)], trnI-GAU [104041..104986], trnA-UGC [105130..105946], ndhA [complement(123177..124292)], trnA-UGC [complement(137238..138054)], trnI-GAU [complement(138198..139143)], ndhB [145189..145856]
248.	AND A	69	rps12 [complement(98197..98222)], rps12 [complement(98759..98990)], rps12 [complement(71090..71203)], trnK-UUU [complement(2581..2615)],	trnK-UUU [complement(2616..5144)], rps16 [complement(6090..6946)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(5145..5181)], rps16 [complement(5893..6089)], rps16 [complement(6947..6986)], trnG-UCC [10021..10043], trnG-UCC [10742..10789], atpF [complement(12664..13064)], atpF [complement(13778..13922)], rpoC1 [complement(21890..23494)], rpoC1 [complement(24257..24688)], ycf3 [complement(44354..44506)], ycf3 [complement(45283..45510)], ycf3 [complement(46226..46351)], trnL-UAA [49444..49478], trnL-UAA [49973..50022], trnV-UAC [complement(53631..53665)], trnV-UAC [complement(54240..54278)], rps12 [141533..141764], rps12 [142301..142326], clpP [complement(71349..71579)], clpP [complement(72217..72508)], clpP [complement(73359..73429)], petB [76386..76391], petB [77147..77788], petD [77968..77975], petD [78718..79192], rpl16 [complement(82680..83078)], rpl16 [complement(84033..84041)], rpl2 [complement(85729..86162)], rpl2 [complement(86814..87204)], ndhB [complement(95161..95916)], ndhB [complement(96599..97375)], trnI-GAU [102923..102959], trnI-GAU [103927..103961], trnA-UGC [104026..104063], trnA-UGC [104877..104911], ndhA [complement(121263..121801)], ndhA [complement(122873..123425)], trnA-UGC [complement(135612..135646)], trnA-UGC [complement(136460..136497)], trnI-GAU [complement(136562..136596)], trnI-GAU [complement(137564..137600)], ndhB [143148..143924], ndhB [144607..145362]	[10044..10741], atpF [complement(13065..13777)], rpoC1 [complement(23495..24256)], ycf3 [complement(44507..45282)], ycf3 [complement(45511..46225)], trnL-UAA [49479..49972], trnV-UAC [complement(53666..54239)], clpP [complement(71580..72216)], clpP [complement(72509..73358)], petB [76392..77146], petD [77976..78717], rpl16 [complement(83079..84032)], rpl2 [complement(86163..86813)], ndhB [complement(95917..96598)], trnI-GAU [102960..103926], trnA-UGC [104064..104876], ndhA [complement(121802..122872)], trnA-UGC [complement(135647..136459)], trnI-GAU [complement(136597..137563)], ndhB [143925..144606]
249.	ANDI	23	trnK-UUU [complement(1380..1408)], trnK-UUU [complement(3895..3932)], rps12 [129159..129187]	trnK-UUU [complement(1409..3894)], rps16 [complement(4701..5541)], trnG-UCC [complement(13220..13917)], atpF [33682..34538], ycf3 [complement(42861..43593)], ycf3 [complement(43822..44576)], trnL-UAA [47517..47973], trnV-UAC [complement(51715..52316)], petB [71843..72589], petD [73428..74199], rpl16 [complement(78638..79723)], rpl2 [complement(82130..82792)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(88717..89425)], trnI-GAU [95717..96662], trnA-UGC [96802..97611], ndhA [complement(113641..114662)], trnA-UGC [complement(122608..123417)], trnI-GAU [complement(123557..124502)], ndhB [130794..131502], rpl2 [137427..138089]
250.	ANEM	61	trnK-UUU [complement(1389..1423)], trnK-UUU [complement(4283..4319)], rps16 [complement(5000..5196)], rps16 [complement(6128..6167)], trnG-GCC [8415..8445], trnG-GCC [9100..9158], atpF [complement(11116..11526)], atpF [complement(12331..12474)], rpoC1 [complement(20025..21632)], rpoC1 [complement(22342..22794)], ycf3 [complement(41129..41281)], ycf3 [complement(42069..42298)], ycf3 [complement(43001..43124)], trnL-UAA [45902..45936], trnL-UAA [46497..46546], trnV-UAC [complement(49872..49908)], trnV-UAC [complement(50493..50531)], clpP [complement(68142..68393)], clpP [complement(69040..69331)], clpP [complement(70269..70339)], petB [73439..73444], petB [74189..74830], petD [75018..75025], petD [75861..76335], rpl16 [complement(79895..80293)], rpl16 [complement(81530..81538)], ndhB [complement(93984..94739)], ndhB [complement(95439..96215)], trnI-GAU [101339..101375], trnI-GAU [102287..102321], trnA-UGC [102386..102423], trnA-UGC [103237..103271], ndhA [complement(117684..118223)], ndhA [complement(119292..119843)], trnA-UGC [complement(132050..132084)], trnA-UGC [complement(132898..132935)], trnI-GAU [complement(133000..133034)], trnI-GAU [complement(133946..133982)], ndhB [139106..139882], ndhB [140582..141337]	trnK-UUU [complement(1424..4282)], rps16 [complement(5197..6127)], trnG-GCC [8446..9099], atpF [complement(11527..12330)], rpoC1 [complement(21633..22341)], ycf3 [complement(41282..42068)], ycf3 [complement(42299..43000)], trnL-UAA [45937..46496], trnV-UAC [complement(49909..50492)], clpP [complement(68394..69039)], clpP [complement(69332..70268)], petB [73445..74188], petD [75026..75860], rpl16 [complement(80294..81529)], ndhB [complement(94740..95438)], trnI-GAU [101376..102286], trnA-UGC [102424..103236], ndhA [complement(118224..119291)], trnA-UGC [complement(132085..132897)], trnI-GAU [complement(133035..133945)], ndhB [139883..140581]
251.	ANFA	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3906..3943)], rps12 [128686..128714]	trnK-UUU [complement(1416..3905)], rps16 [complement(4719..5556)], trnG-UCC [complement(12643..13328)], atpF [33484..34310], ycf3 [complement(42644..43380)], ycf3 [complement(43609..44337)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[47204..47654], trnV-UAC [complement(51339..51939)], petB [71424..72187], petD [73026..73770], rpl16 [complement(78223..79273)], rpl2 [complement(81678..82341)], ndhB [complement(88303..89006)], trnI-GAU [95257..96203], trnA-UGC [96342..97151], ndhA [complement(113196..114215)], trnA-UGC [complement(122176..122985)], trnI-GAU [complement(123124..124070)], ndhB [130321..131024], rpl2 [136986..137649]
252.	ANFL	72	trnK [complement(1887..1921)], trnK [complement(4465..4501)], rps16 [complement(5087..5280)], rps16 [complement(6164..6203)], trnG [9725..9747], trnG [10506..10554], atpF [complement(12828..13252)], atpF [complement(14010..14154)], rpoC1 [complement(22352..23968)], rpoC1 [complement(24705..25157)], ycf3 [complement(45957..46109)], ycf3 [complement(46841..47070)], ycf3 [complement(47827..47950)], trnL [51293..51327], trnL [51843..51888], trnV [complement(55083..55117)], trnV [complement(55718..55756)], rps12 [74138..74251], rps12 [145751..145989], rps12 [146519..146555], rps12 [complement(102980..103210)], rps12 [complement(102406..102432)], clpP [complement(74418..74645)], clpP [complement(75266..75557)], clpP [complement(76430..76500)], petB [79311..79316], petB [80092..80733], petD [80926..80933], petD [81691..82165], rpl16 [complement(85672..86070)], rpl16 [complement(87088..87096)], rpl2 [complement(88765..89198)], rpl2 [complement(89863..90253)], ndhB [complement(99345..100100)], ndhB [complement(100783..101559)], trnI [107169..107205], trnI [108157..108191], trnA [108261..108298], trnA [109102..109136], ndhA [complement(125056..125595)], ndhA [complement(126661..127212)], trnA [complement(139825..139859)], trnA [complement(140663..140700)], trnI [complement(140771..140805)], trnI [complement(141757..141793)], ndhB [147402..148178], ndhB [148861..149616], rpl2 [158708..159098], rpl2	trnK [complement(1922..4464)], rps16 [complement(5281..6163)], trnG [9748..10505], atpF [complement(13253..14009)], rpoC1 [complement(23969..24704)], ycf3 [complement(46110..46840)], ycf3 [complement(47071..47826)], trnL [51328..51842], trnV [complement(55118..55717)], clpP [complement(74646..75265)], clpP [complement(75558..76429)], petB [79317..80091], petD [80934..81690], rpl16 [complement(86071..87087)], rpl2 [complement(89199..89862)], ndhB [complement(100101..100782)], trnI [107206..108156], trnA [108299..109101], ndhA [complement(125596..126660)], trnA [complement(139860..140662)], trnI [complement(140806..141756)], ndhB [148179..148860], rpl2 [159099..159762]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[159763..160196]	
253.	ANFO	1	rps12 [145371..145405]	-
254.	ANFR	73	rps12 [complement(100567..100592)], rps12 [complement(101129..101360)], rps12 [complement(72414..72527)], trnK-UUU [complement(1716..1750)], trnK-UUU [complement(4272..4308)], rps16 [complement(5136..5361)], rps16 [complement(6228..6265)], trnG-GCC [9298..9320], trnG-GCC [10011..10058], atpF [complement(12107..12515)], atpF [complement(13231..13388)], rpoC1 [complement(21361..22986)], rpoC1 [complement(23711..24145)], ycf3 [complement(43937..44089)], ycf3 [complement(44827..45054)], ycf3 [complement(45767..45892)], trnL-UAA [complement(49094..49130)], trnL-UAA [complement(49640..49689)], trnV-UAC [complement(53692..53728)], trnV-UAC [complement(54316..54354)], rps12 [complement(72414..72527)], rps12 [143347..143578], rps12 [144115..144140], clpP [complement(72666..72894)], clpP [complement(73557..73847)], clpP [complement(74667..74734)], petB [77664..77669], petB [78433..79089], petD [79283..79291], petD [80018..80542], rpl16 [complement(84038..84439)], rpl16 [complement(85511..85519)], rpl2 [complement(87138..87572)], rpl2 [complement(88235..88627)], ndhB [complement(97487..98242)], ndhB [complement(98922..99698)], trnI-GAU [105307..105348], trnI-GAU [106290..106324], trnA-UGC [106389..106426], trnA-UGC [107234..107268], ndhA [complement(122889..123427)], ndhA [complement(124514..125066)], trnA-UGC [complement(137439..137473)], trnA-UGC [complement(138281..138318)], trnI-GAU [complement(138383..138417)], trnI-GAU [complement(139359..139400)], ndhB [145009..145785], ndhB [146465..147220], rpl2 [156080..156472], rpl2 [157135..157569]	trnK-UUU [complement(1751..4271)], rps16 [complement(5362..6227)], trnG-GCC [9321..10010], atpF [complement(12516..13230)], rpoC1 [complement(22987..23710)], ycf3 [complement(44090..44826)], ycf3 [complement(45055..45766)], trnL-UAA [complement(49131..49639)], trnV-UAC [complement(53729..54315)], clpP [complement(72895..73556)], clpP [complement(73848..74666)], petB [77670..78432], petD [79292..80017], rpl16 [complement(84440..85510)], rpl2 [complement(87573..88234)], ndhB [complement(98243..98921)], trnI-GAU [105349..106289], trnA-UGC [106427..107233], ndhA [complement(123428..124513)], trnA-UGC [complement(137474..138280)], trnI-GAU [complement(138418..139358)], ndhB [145786..146464], rpl2 [156473..157134]
255.	ANFV	29	rps12 [complement(104991..105233)], rps12 [complement(74803..74916)], trnK-UUU [complement(1657..1691)], trnK-UUU [complement(4544..4580)], rps16 [complement(5500..5700)], rps16 [complement(6541..6588)], trnL-UAA [50918..50932], trnL-UAA [51512..51561], trnV-UAC [complement(55870..55906)], trnV-UAC [complement(56503..56541)], trnI-GAU [109401..109442], trnI-GAU [110384..110418], trnA-UGC	trnK-UUU [complement(1692..4543)], rps16 [complement(5701..6540)], atpF [complement(13113..13861)], rpoC1 [complement(23766..24543)], ycf3 [complement(45439..46179)], ycf3 [complement(46408..47128)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[110483..110520], trnA-UGC [111321..111355]	[50933..51511], trnV-UAC [complement(55907..56502)], clpP [complement(75386..76021)], clpP [complement(76313..77210)], rpl2 [complement(91174..91829)], ndhB [complement(102126..102825)], trnI-GAU [109443..110383], trnA-UGC [110521..111320], ndhA [complement(128862..130331)]
256.	ANG A	75	rps12 [complement(98063..98088)], rps12 [complement(98630..98861)], rps12 [complement(70198..70326)], rps16 [1145..1184], rps16 [2066..2286], trnK-UUU [3136..3172], trnK-UUU [5712..5746], ycf3 [9782..9905], ycf3 [10633..10862], ycf3 [11613..11765], rpoC1 [30708..31139], rpoC1 [31895..33505], atpF [41518..41662], atpF [42396..42805], trnG-UCC [complement(44748..44795)], trnG-UCC [complement(45504..45526)], trnL-UAA [48162..48195], trnL-UAA [48700..48750], trnV-UAC [complement(52399..52435)], trnV-UAC [complement(53014..53051)], rps12 [141791..142022], rps12 [142564..142589], clpP [complement(70474..70719)], clpP [complement(71409..71697)], clpP [complement(72494..72564)], petB [75471..75476], petB [76275..76916], petD [77120..77127], petD [77861..78356], rpl16 [complement(81680..82039)], rpl16 [complement(83051..83059)], rpl2 [complement(84799..85233)], rpl2 [complement(85884..86189)], ndhB [complement(94985..95740)], ndhB [complement(96442..97218)], trnI-GAU [102810..102851], trnI-GAU [103799..103833], trnA-UGC [103898..103935], trnA-UGC [104750..104784], ndhA [117177..117728], ndhA [118736..119275], trnA-UGC [complement(135868..135902)], trnA-UGC [complement(136717..136754)], trnI-GAU [complement(136819..136853)], trnI-GAU [complement(137801..137842)], ndhB [143434..144210], ndhB [144912..145667], rpl2 [154463..154768], rpl2 [155419..155853], rpl16 [157593..157601], rpl16 [158613..158972]	rps16 [1185..2065], trnK-UUU [3173..5711], ycf3 [9906..10632], ycf3 [10863..11612], rpoC1 [31140..31894], atpF [41663..42395], trnG-UCC [complement(44796..45503)], trnL-UAA [48196..48699], trnV-UAC [complement(52436..53013)], clpP [complement(70720..71408)], clpP [complement(71698..72493)], petB [75477..76274], petD [77128..77860], rpl16 [complement(82040..83050)], rpl2 [complement(85234..85883)], ndhB [complement(95741..96441)], trnI-GAU [102852..103798], trnA-UGC [103936..104749], ndhA [117729..118735], trnA-UGC [complement(135903..136716)], trnI-GAU [complement(136854..137800)], ndhB [144211..144911], rpl2 [154769..155418], rpl16 [157602..158612]
257.	ANG	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3903..3940)],	trnK-UUU [complement(1416..3902)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	D		rps12 [129729..129757]	[complement(4727..5580)], trnG-UCC [complement(12947..13639)], atpF [34203..35037], ycf3 [complement(43357..44092)], ycf3 [complement(44321..45075)], trnL-UAA [47988..48444], trnV-UAC [complement(52102..52702)], petB [72282..73038], petD [73877..74615], rpl16 [complement(79056..80151)], rpl2 [complement(82558..83224)], ndhB [complement(89192..89896)], trnI-GAU [96193..97138], trnA-UGC [97277..98086], ndhA [complement(114160..115189)], trnA-UGC [complement(123175..123984)], trnI-GAU [complement(124123..125068)], ndhB [131365..132069], rpl2 [138037..138703]
258.	ANGE	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3909..3946)], rps12 [128860..128888]	trnK-UUU [complement(1416..3908)], rps16 [complement(4710..5548)], trnG-UCC [complement(13393..14090)], atpF [34126..34955], ycf3 [complement(43274..44008)], ycf3 [complement(44237..44990)], trnL-UAA [47931..48381], trnV-UAC [complement(52114..52715)], petB [71462..72211], petD [73050..73814], rpl16 [complement(78256..79337)], rpl2 [complement(81741..82403)], ndhB [complement(88366..89069)], trnI-GAU [95384..96334], trnA-UGC [96473..97282], ndhA [complement(113314..114333)], trnA-UGC [complement(122282..123091)], trnI-GAU [complement(123230..124180)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[130495..131198], rpl2 [137161..137823]
259.	ANGI	66	rps12 [complement(97711..97736)], rps12 [complement(98273..98504)], rps12 [complement(70656..70769)], trnK-UUU [complement(2139..2173)], trnK-UUU [complement(4704..4740)], rps16 [complement(5441..5637)], rps16 [complement(6491..6560)], atpF [complement(12289..12689)], atpF [complement(13401..13545)], rpoC1 [complement(21516..23120)], rpoC1 [complement(23881..24312)], ycf3 [complement(43867..44019)], ycf3 [complement(44796..45023)], ycf3 [complement(45741..45866)], trnL-UAA [48915..48949], trnL-UAA [49452..49501], trnV-UAC [complement(53097..53131)], trnV-UAC [complement(53722..53760)], rps12 [141531..141762], rps12 [142299..142324], clpP [complement(70915..71145)], clpP [complement(71783..72074)], clpP [complement(72925..72995)], petB [75945..75950], petB [76705..77346], petD [77509..77516], petD [78260..78734], rpl16 [complement(82225..82623)], rpl16 [complement(83585..83593)], rpl2 [complement(85280..85713)], rpl2 [complement(86365..86755)], ndhB [complement(94675..95430)], ndhB [complement(96113..96889)], trnI-GAU [102434..102470], trnI-GAU [103439..103473], trnA-UGC [103538..103575], trnA-UGC [104389..104423], ndhA [complement(121198..121736)], ndhA [complement(122807..123359)], trnA-UGC [complement(135612..135646)], trnA-UGC [complement(136460..136497)], trnI-GAU [complement(136562..136596)], trnI-GAU [complement(137565..137601)], ndhB [143146..143922], ndhB [144605..145360]	trnK-UUU [complement(2174..4703)], rps16 [complement(5638..6490)], atpF [complement(12690..13400)], rpoC1 [complement(23121..23880)], ycf3 [complement(44020..44795)], ycf3 [complement(45024..45740)], trnL-UAA [48950..49451], trnV-UAC [complement(53132..53721)], clpP [complement(71146..71782)], clpP [complement(72075..72924)], petB [75951..76704], petD [77517..78259], rpl16 [complement(82624..83584)], rpl2 [complement(85714..86364)], ndhB [complement(95431..96112)], trnI-GAU [102471..103438], trnA-UGC [103576..104388], ndhA [complement(121737..122806)], trnA-UGC [complement(135647..136459)], trnI-GAU [complement(136597..137564)], ndhB [143923..144604]
260.	ANGL	1	rps12 [146842..146876]	-
261.	ANGR	3	rps12 [142101..142126], ndhB [complement(94701..95456)]	trnK-UUU [complement(1809..4322)]
262.	ANG Y	23	trnK-UUU [complement(1390..1418)], trnK-UUU [complement(3907..3944)], rps12 [128780..128808]	trnK-UUU [complement(1419..3906)], rps16 [complement(4709..5551)], trnG-UCC [complement(12848..13538)], atpF [33982..34807], ycf3 [complement(43177..43910)], ycf3 [complement(44139..44893)], trnL-UAA [47821..48271], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(51996..52596)], petB [71656..72403], petD [73242..73973], rpl16 [complement(78406..79489)], rpl2 [complement(81897..82559)], ndhB [complement(88449..89152)], trnI-GAU [95394..96338], trnA-UGC [96477..97286], ndhA [complement(113286..114323)], trnA-UGC [complement(122280..123089)], trnI-GAU [complement(123228..124172)], ndhB [130414..131117], rpl2 [137007..137669]
263.	ANHE	69	rps12 [complement(97349..97374)], rps12 [complement(97916..98147)], rps12 [complement(69483..69596)], trnK-UUU [3066..3102], trnK-UUU [5650..5684], trnL-UAA [9437..9471], trnL-UAA [9982..10031], trnG-UCC [13048..13070], trnG-UCC [13776..13823], rpoC1 [complement(25109..26721)], rpoC1 [complement(27491..27920)], ycf3 [complement(47512..47664)], ycf3 [complement(48406..48635)], ycf3 [complement(49374..49497)], trnV-UAC [complement(51396..51430)], trnV-UAC [complement(52013..52050)], rps12 [140629..140860], rps12 [141402..141427], clpP [complement(69741..69986)], clpP [complement(70663..70951)], clpP [complement(71752..71822)], petB [74713..74718], petB [75498..76139], petD [76339..76346], petD [77109..77604], rpl16 [complement(80933..81331)], rpl16 [complement(82316..82324)], rpl2 [complement(84066..84499)], rpl2 [complement(85160..85544)], ndhB [complement(94271..95026)], ndhB [complement(95728..96504)], trnI-GAU [102044..102080], trnI-GAU [103029..103063], trnA-UGC [103128..103165], trnA-UGC [103971..104005], ndhA [complement(120304..120842)], ndhA [complement(121846..122398)], trnA-UGC [complement(134771..134805)], trnA-UGC [complement(135611..135648)], trnI-GAU [complement(135713..135747)], trnI-GAU [complement(136696..136732)], ndhB [142272..143048], ndhB [143750..144505], rpl2 [153232..153616], rpl2 [154277..154710], rpl16 [156452..156460], rpl16 [157445..157843]	trnK-UUU [3103..5649], trnL-UAA [9472..9981], trnG-UCC [13071..13775], rpoC1 [complement(26722..27490)], ycf3 [complement(47665..48405)], ycf3 [complement(48636..49373)], trnV-UAC [complement(51431..52012)], clpP [complement(69987..70662)], clpP [complement(70952..71751)], petB [74719..75497], petD [76347..77108], rpl16 [complement(81332..82315)], rpl2 [complement(84500..85159)], ndhB [complement(95027..95727)], trnI-GAU [102081..103028], trnA-UGC [103166..103970], ndhA [complement(120843..121845)], trnA-UGC [complement(134806..135610)], trnI-GAU [complement(135748..136695)], ndhB [143049..143749], rpl2 [153617..154276], rpl16 [156461..157444]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
264.	ANLA	72	<p>rps12 [complement(96572..96598)], rps12 [complement(97138..97368)], rps12 [complement(68593..68706)], trnK-UUU [complement(1757..1791)], trnK-UUU [complement(4266..4302)], rps16 [complement(5031..5255)], rps16 [complement(6089..6130)], trnG-UCC [8849..8871], trnG-UCC [9563..9610], atpF [complement(11640..12110)], atpF [complement(12757..12915)], rpoC1 [complement(20687..22312)], rpoC1 [complement(23038..23472)], pafI [complement(42137..42289)], pafI [complement(43033..43260)], pafI [complement(43955..44083)], trnL-UAA [46376..46410], trnL-UAA [46914..46963], trnV-UAC [complement(50907..50942)], trnV-UAC [complement(51528..51566)], rps12 [137653..137883], rps12 [138423..138449], clpP [complement(68845..69072)], clpP [complement(69735..70026)], clpP [complement(70885..70955)], petB [73887..73892], petB [74630..75271], petD [75461..75466], petD [76236..76712], rpl16 [complement(80081..80479)], rpl16 [complement(81455..81463)], rpl2 [complement(83167..83601)], rpl2 [complement(84263..84652)], ndhB [complement(93494..94249)], ndhB [complement(94932..95708)], trnI-GAU [101179..101220], trnI-GAU [102150..102184], trnA-UGC [102249..102286], trnA-UGC [103098..103132], ndhA [complement(117627..118166)], ndhA [complement(119104..119655)], trnA-UGC [complement(131889..131923)], trnA-UGC [complement(132735..132772)], trnI-GAU [complement(132837..132871)], trnI-GAU [complement(133806..133842)], ndhB [139313..140089], ndhB [140772..141527], rpl2 [150369..150759], rpl2 [151421..151854]</p>	<p>trnK-UUU [complement(1792..4265)], rps16 [complement(5256..6088)], trnG-UCC [8872..9562], atpF [complement(12111..12756)], rpoC1 [complement(22313..23037)], pafI [complement(42290..43032)], pafI [complement(43261..43954)], trnL-UAA [46411..46913], trnV-UAC [complement(50943..51527)], clpP [complement(69073..69734)], clpP [complement(70027..70884)], petB [73893..74629], petD [75467..76235], rpl16 [complement(80480..81454)], rpl2 [complement(83602..84262)], ndhB [complement(94250..94931)], trnI-GAU [101221..102149], trnA-UGC [102287..103097], ndhA [complement(118167..119103)], trnA-UGC [complement(131924..132734)], trnI-GAU [complement(132872..133805)], ndhB [140090..140771], rpl2 [150760..151420]</p>
265.	ANLX	69	<p>rps12 [complement(97838..97863)], rps12 [complement(98400..98631)], rps12 [complement(70773..70886)], trnK-UUU [complement(2321..2355)], trnK-UUU [complement(4885..4921)], rps16 [complement(5610..5806)], rps16 [complement(6658..6697)], trnG-UCC [9734..9756], trnG-UCC [10455..10502], atpF [complement(12390..12790)], atpF [complement(13502..13646)], rpoC1 [complement(21617..23221)], rpoC1 [complement(23992..24423)], ycf3 [complement(44082..44234)], ycf3 [complement(45011..45238)], ycf3 [complement(45954..46079)], trnL-UAA [49110..49144], trnL-UAA [49639..49688], trnV-UAC</p>	<p>trnK-UUU [complement(2356..4884)], rps16 [complement(5807..6657)], trnG-UCC [9757..10454], atpF [complement(12791..13501)], rpoC1 [complement(23222..23991)], ycf3 [complement(44235..45010)], ycf3 [complement(45239..45953)], trnL-UAA [49145..49638], trnV-UAC [complement(53314..53886)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53279..53313)], trnV-UAC [complement(53887..53925)], rps12 [141587..141818], rps12 [142355..142380], clpP [complement(71032..71262)], clpP [complement(71895..72186)], clpP [complement(73037..73107)], petB [76058..76063], petB [76818..77459], petD [77639..77646], petD [78385..78859], rpl16 [complement(82349..82747)], rpl16 [complement(83709..83717)], rpl2 [complement(85408..85841)], rpl2 [complement(86509..86899)], ndhB [complement(94802..95557)], ndhB [complement(96240..97016)], trnI-GAU [102580..102616], trnI-GAU [103564..103598], trnA-UGC [103663..103700], trnA-UGC [104514..104548], ndhA [complement(121245..121783)], ndhA [complement(122855..123407)], trnA-UGC [complement(135670..135704)], trnA-UGC [complement(136518..136555)], trnI-GAU [complement(136620..136654)], trnI-GAU [complement(137602..137638)], ndhB [143202..143978], ndhB [144661..145416]	[complement(71263..71894)], clpP [complement(72187..73036)], petB [76064..76817], petD [77647..78384], rpl16 [complement(82748..83708)], rpl2 [complement(85842..86508)], ndhB [complement(95558..96239)], trnI-GAU [102617..103563], trnA-UGC [103701..104513], ndhA [complement(121784..122854)], trnA-UGC [complement(135705..136517)], trnI-GAU [complement(136655..137601)], ndhB [143979..144660]
266.	ANM A	48	rps12 [complement(69202..69315)], trnK [complement(1390..1422)], trnK [complement(3962..3998)], trnG [12738..12773], trnG [12954..13024], rpoC1 [24013..24444], rpoC1 [25190..26806], atpF [34894..35052], atpF [35830..36237], ycf3 [complement(44005..44163)], ycf3 [complement(44890..45117)], ycf3 [complement(45870..46001)], trnL [48529..48563], trnL [49117..49166], trnV [complement(52787..52823)], trnV [complement(53409..53447)], rps12 [130952..130980], rpl2 [complement(82862..83293)], rpl2 [complement(83957..84346)], trnI [94365..94406], trnI [95354..95388], trnA [95455..95492], trnA [96303..96337], ndhA [complement(113309..113848)], ndhA [complement(114866..115420)], trnA [complement(124350..124384)], trnA [complement(125195..125232)], trnI [complement(125299..125333)], trnI [complement(126281..126322)]	trnK [complement(1423..3961)], rps16 [complement(4691..5662)], trnG [12774..12953], rpoC1 [24445..25189], atpF [35053..35829], ycf3 [complement(44164..44889)], ycf3 [complement(45118..45869)], trnL [48564..49116], trnV [complement(52824..53408)], petB [73023..73857], rpl16 [complement(79778..80855)], rpl2 [complement(83294..83956)], ndhB [complement(87390..88101)], trnI [94407..95353], trnA [95493..96302], ndhA [complement(113849..114865)], trnA [complement(124385..125194)], trnI [complement(125334..126280)], ndhB [132586..133297]
267.	ANM	25	rps12 [complement(73401..73514)], rps12 [144953..144978]	trnK-UUU [complement(1723..4282)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	C			[complement(5319..6201)], trnG-UCC [10053..10729], atpF [complement(13129..13863)], rpoC1 [complement(23453..24210)], ycf3 [complement(45673..46417)], ycf3 [complement(46647..47363)], trnL-UAA [50717..51200], trnV-UAC [complement(55384..55970)], clpP [complement(73912..74541)], clpP [complement(74831..75656)], petB [78630..79444], petD [80309..81031], rpl16 [complement(85438..86470)], rpl2 [complement(88646..89301)], ndhB [complement(99633..100332)], trnI-GAU [106782..107726], trnA-UGC [107864..108663], ndhA [complement(124324..125276)], trnA-UGC [complement(138274..139073)], trnI-GAU [complement(139211..140155)], ndhB [146605..147304], rpl2 [157636..158291]
268.	ANOB	72	rps12 [complement(98090..98115)], rps12 [complement(98663..98894)], rps12 [complement(68283..68396)], trnK-UUU [complement(1387..1421)], trnK-UUU [complement(4246..4282)], rps16 [complement(4825..5060)], rps16 [complement(5984..6023)], trnG-UCC [8786..8808], trnG-UCC [9515..9562], atpF [complement(11557..11954)], atpF [complement(12907..13051)], rpoC1 [complement(20160..21776)], rpoC1 [complement(22537..22971)], ycf3 [complement(41055..41207)], ycf3 [complement(41908..42137)], ycf3 [complement(42846..42969)], trnL-UAA [45350..45384], trnL-UAA [46126..46175], trnV-UAC [complement(48971..49005)], trnV-UAC [complement(49588..49626)], rps12 [140316..140547], rps12 [141095..141120], clpP [complement(68530..68781)], clpP [complement(69430..69721)], clpP [complement(70644..70714)], petB	trnK-UUU [complement(1422..4245)], rps16 [complement(5061..5983)], trnG-UCC [8809..9514], atpF [complement(11955..12906)], rpoC1 [complement(21777..22536)], ycf3 [complement(41208..41907)], ycf3 [complement(42138..42845)], trnL-UAA [45385..46125], trnV-UAC [complement(49006..49587)], clpP [complement(68782..69429)], clpP [complement(69722..70643)], petB [74896..75129], petD [75975..76834], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74890..74895], petB [75130..75771], petD [75969..75974], petD [76835..77320], rpl16 [complement(80881..81279)], rpl16 [complement(82463..82471)], rpl2 [complement(84428..84858)], rpl2 [complement(85523..85913)], ndhB [complement(95020..95775)], ndhB [complement(96746..97240)], trnI-GAU [102861..102897], trnI-GAU [103831..103865], trnA-UGC [103930..103967], trnA-UGC [104777..104811], ndhA [complement(120097..120635)], ndhA [complement(122027..122282)], trnA-UGC [complement(134399..134433)], trnA-UGC [complement(135243..135280)], trnI-GAU [complement(135345..135379)], trnI-GAU [complement(136313..136349)], ndhB [141970..142461], ndhB [143435..144190], rpl2 [153297..153687], rpl2 [154352..154782]	[complement(81280..82462)], rpl2 [complement(84859..85522)], ndhB [complement(95776..96745)], trnI-GAU [102898..103830], trnA-UGC [103968..104776], ndhA [complement(120636..122026)], trnA-UGC [complement(134434..135242)], trnI-GAU [complement(135380..136312)], ndhB [142462..143434], rpl2 [153688..154351]
269.	ANOC	70	rps12 [complement(107807..107832)], rps12 [complement(108371..108602)], rps12 [complement(73293..73406)], trnK-UUU [complement(2020..2054)], trnK-UUU [complement(4691..4727)], rps16 [complement(5804..6030)], rps16 [complement(6918..6957)], trnG-UCC [10526..10548], trnG-UCC [11280..11327], atpF [complement(13297..13706)], atpF [complement(14471..14615)], rpoC1 [complement(22457..24067)], rpoC1 [complement(24845..25297)], ycf3 [complement(45438..45590)], ycf3 [complement(46379..46608)], ycf3 [complement(47342..47465)], trnL-UAA [50837..50871], trnL-UAA [51328..51377], trnV-UAC [complement(54554..54588)], trnV-UAC [complement(55171..55209)], rps12 [complement(73293..73406)], rps12 [151325..151556], rps12 [152095..152120], clpP [complement(73558..73785)], clpP [complement(74423..74714)], clpP [complement(75431..75501)], petB [78442..78447], petB [79131..79772], petD [79981..79988], petD [80742..81216], rpl16 [complement(84698..85096)], rpl16 [complement(86203..86211)], rpl2 [complement(87899..88332)], rpl2 [complement(88998..89388)], ndhB [complement(104749..105504)], ndhB [complement(106186..106962)], trnI-GAU [112513..112549], trnI-GAU [113509..113543], trnA-UGC [113608..113645], trnA-UGC [114487..114521], ndhA [complement(130782..131320)], ndhA [complement(132454..133006)], trnA-UGC [complement(145406..145440)], trnA-UGC	trnK-UUU [complement(2055..4690)], rps16 [complement(6031..6917)], trnG-UCC [10549..11279], atpF [complement(13707..14470)], rpoC1 [complement(24068..24844)], ycf3 [complement(45591..46378)], ycf3 [complement(46609..47341)], trnL-UAA [50872..51327], trnV-UAC [complement(54589..55170)], clpP [complement(73786..74422)], clpP [complement(74715..75430)], petB [78448..79130], petD [79989..80741], rpl16 [complement(85097..86202)], rpl2 [complement(88333..88997)], ndhB [complement(105505..106185)], trnI-GAU [112550..113508], trnA-UGC [113646..114486], ndhA [complement(131321..132453)], trnA-UGC [complement(145441..146281)], trnI-GAU [complement(146419..147377)], ndhB [153742..154422]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(146282..146319)], trnI-GAU [complement(146384..146418)], trnI-GAU [complement(147378..147414)], ndhB [152965..153741], ndhB [154423..155178]	
270.	ANOD	64	rps12 [complement(88432..88460)], rps12 [complement(89001..89232)], rps12 [complement(66481..66594)], trnK-UUU [complement(1389..1423)], trnK-UUU [complement(3893..3929)], rps16 [complement(4481..4698)], rps16 [complement(5532..5571)], trnG-UCC [complement(12767..12814)], trnG-UCC [complement(13496..13518)], atpF [32473..32617], atpF [33452..33858], ycf3 [complement(41620..41780)], ycf3 [complement(42533..42758)], ycf3 [complement(43495..43620)], trnL [46348..46382], trnL [46928..46982], trnV-UAC [complement(50598..50634)], trnV-UAC [complement(51241..51279)], rps12 [125946..126177], rps12 [126718..126746], petB [70351..70356], petB [71130..71771], petD [71959..71966], petD [72707..73181], rpl16 [complement(76750..77151)], rpl16 [complement(78205..78213)], rpl2 [complement(80207..80637)], rpl2 [complement(81301..81691)], ndhB [complement(85364..86119)], ndhB [complement(86832..87608)], trnI-GAU [93076..93112], trnI-GAU [93919..93953], trnA-UGC [94019..94056], trnA-UGC [94868..94902], ndhA [complement(110814..111352)], ndhA [complement(112374..112923)], trnA-UGC [complement(120276..120310)], trnA-UGC [complement(121122..121159)], trnI-GAU [complement(121225..121259)], trnI-GAU [complement(122066..122102)], ndhB [127570..128346], ndhB [129059..129814], rpl2 [133487..133877], rpl2 [134541..134971]	trnK-UUU [complement(1424..3892)], rps16 [complement(4699..5531)], trnG-UCC [complement(12815..13495)], atpF [32618..33451], ycf3 [complement(41781..42532)], ycf3 [complement(42759..43494)], trnL [46383..46927], trnV-UAC [complement(50635..51240)], petB [70357..71129], petD [71967..72706], rpl16 [complement(77152..78204)], rpl2 [complement(80638..81300)], ndhB [complement(86120..86831)], trnI-GAU [93113..93918], trnA-UGC [94057..94867], ndhA [complement(111353..112373)], trnA-UGC [complement(120311..121121)], trnI-GAU [complement(121260..122065)], ndhB [128347..129058], rpl2 [133878..134540]
271.	ANOL	1	rps12 [145681..145715]	-
272.	ANPA	5	rps12 [complement(68241..68354)], rps12 [137155..137180], ndhA [complement(116415..116593)], ndhA [complement(117932..118484)]	ndhA [complement(116594..117931)]
273.	ANPO	69	rps12 [complement(98223..98248)], rps12 [complement(98785..99016)], rps12 [complement(71154..71267)], trnK-UUU [complement(2554..2588)], trnK-UUU [complement(5118..5154)], rps16 [complement(5870..6066)], rps16 [complement(6920..6959)], trnG-UCC [10013..10035], trnG-UCC [10735..10782], atpF [complement(12693..13093)], atpF [complement(13806..13950)], rpoC1 [complement(21914..23518)], rpoC1	trnK-UUU [complement(2589..5117)], rps16 [complement(6067..6919)], trnG-UCC [10036..10734], atpF [complement(13094..13805)], rpoC1 [complement(23519..24281)], ycf3 [complement(44507..45282)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(24282..24716)], ycf3 [complement(44352..44506)], ycf3 [complement(45283..45508)], ycf3 [complement(46222..46347)], trnL-UAA [49396..49430], trnL-UAA [49933..49982], trnV-UAC [complement(53596..53630)], trnV-UAC [complement(54201..54237)], rps12 [141703..141934], rps12 [142471..142496], clpP [complement(71413..71643)], clpP [complement(72281..72572)], clpP [complement(73420..73490)], petB [76441..76446], petB [77199..77840], petD [78039..78046], petD [78790..79264], rpl16 [complement(82759..83157)], rpl16 [complement(84122..84130)], rpl2 [complement(85817..86250)], rpl2 [complement(86902..87292)], ndhB [complement(95187..95942)], ndhB [complement(96625..97401)], trnI-GAU [102945..102981], trnI-GAU [103950..103984], trnA-UGC [104049..104086], trnA-UGC [104901..104935], ndhA [complement(121379..121918)], ndhA [complement(122979..123530)], trnA-UGC [complement(135784..135818)], trnA-UGC [complement(136633..136670)], trnI-GAU [complement(136735..136769)], trnI-GAU [complement(137738..137774)], ndhB [143318..144094], ndhB [144777..145532]	[complement(45509..46221)], trnL-UAA [49431..49932], trnV-UAC [complement(53631..54200)], clpP [complement(71644..72280)], clpP [complement(72573..73419)], petB [76447..77198], petD [78047..78789], rpl16 [complement(83158..84121)], rpl2 [complement(86251..86901)], ndhB [complement(95943..96624)], trnI-GAU [102982..103949], trnA-UGC [104087..104900], ndhA [complement(121919..122978)], trnA-UGC [complement(135819..136632)], trnI-GAU [complement(136770..137737)], ndhB [144095..144776]
274.	ANPR	78	rps12 [complement(97049..97083)], rps12 [complement(97620..97851)], rps12 [complement(69858..69971)], trnK-UUU [complement(1707..1741)], trnK-UUU [complement(4224..4260)], rps16 [complement(5172..5398)], rps16 [complement(6257..6296)], trnG-UCC [9474..9496], trnG-UCC [10192..10239], atpF [complement(12211..12621)], atpF [complement(13312..13455)], rpoC1 [complement(21098..22684)], rpoC1 [complement(23520..23972)], ycf3 [complement(42569..42721)], ycf3 [complement(43424..43653)], ycf3 [complement(44368..44491)], trnL-UAA [47432..47466], trnL-UAA [47959..48008], trnV-UAC [51941..51974], trnV-UAC [52553..52590], rps12 [145540..145771], rps12 [146308..146342], clpP [complement(70189..70434)], clpP [complement(71079..71364)], clpP [complement(72075..72151)], petB [75048..75053], petB [75770..76411], petD [76617..76625], petD [77387..77860], rpl16 [complement(81359..81757)], rpl16 [complement(82666..82674)], rpl2 [complement(84355..84788)], rpl2 [complement(85481..85871)], ndhB [complement(94048..94803)], ndhB	trnK-UUU [complement(1742..4223)], rps16 [complement(5399..6256)], trnG-UCC [9497..10191], atpF [complement(12622..13311)], rpoC1 [complement(22685..23519)], ycf3 [complement(42722..43423)], ycf3 [complement(43654..44367)], trnL-UAA [47467..47958], trnV-UAC [51975..52552], clpP [complement(70435..71078)], clpP [complement(71365..72074)], petB [75054..75769], petD [76626..77386], rpl16 [complement(81758..82665)], rpl2 [complement(84789..85480)], ndhB [complement(94804..95482)], trnI-GAU [101599..102534], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(95483..96259)], trnI-GAU [101563..101598], trnI-GAU [102535..102570], trnA-UGC [102635..102672], trnA-UGC [103484..103518], ndhA [complement(124563..125101)], ndhA [complement(126194..126746)], trnA-UGC [complement(139873..139907)], trnA-UGC [complement(140719..140756)], trnI-GAU [complement(140821..140856)], trnI-GAU [complement(141793..141828)], ndhB [147132..147908], ndhB [148588..149343], rpl2 [157520..157910], rpl2 [158603..159036], rpl16 [160717..160725], rpl16 [161634..162032], petD [complement(165531..166004)], petD [complement(166766..166774)]	[102673..103483], ndhA [complement(125102..126193)], trnA-UGC [complement(139908..140718)], trnI-GAU [complement(140857..141792)], ndhB [147909..148587], rpl2 [157911..158602], rpl16 [160726..161633], petD [complement(166005..166765)]
275.	ANPX	1	rps12 [137016..137042]	-
276.	ANRA	41	trnK-UUU [complement(1295..1329)], trnK-UUU [complement(3878..3914)], trnG-UCC [9362..9384], trnG-UCC [10086..10133], trnL-UAA [47520..47554], trnL-UAA [48004..48053], trnV-UAC [complement(52358..52394)], trnV-UAC [complement(52983..53021)], rps12 [141630..141655], clpP [complement(71697..71988)], trnI-GAU [103369..103405], trnI-GAU [104349..104383], trnA-UGC [104448..104485], trnA-UGC [105301..105335], trnA-UGC [complement(135113..135147)], trnA-UGC [complement(135963..136000)], trnI-GAU [complement(136065..136099)], trnI-GAU [complement(137043..137079)]	trnK-UUU [complement(1330..3877)], rps16 [complement(4810..5669)], trnG-UCC [9385..10085], atpF [complement(12428..13209)], rpoC1 [complement(22247..22986)], ycf3 [complement(42910..43655)], ycf3 [complement(43884..44619)], trnL-UAA [47555..48003], trnV-UAC [complement(52395..52982)], clpP [complement(71046..71696)], clpP [complement(71989..72819)], petB [75807..76596], petD [77462..78203], rpl16 [complement(82495..83449)], rpl2 [complement(85420..86083)], ndhB [complement(96481..97179)], trnI-GAU [103406..104348], trnA-UGC [104486..105300], ndhA [complement(121360..122441)], trnA-UGC [complement(135148..135962)], trnI-GAU [complement(136100..137042)], ndhB [143269..143967], rpl2 [154365..155028]
277.	ANRD	28	rps4 [160491..160493], rps4 [1..630], rps12 [142551..142576]	rps4 [160494..0], rps16 [1238..2109], trnK-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UUU [3200..5771], ycf3 [9954..10681], ycf3 [10911..11672], rpoC1 [31977..32733], atpF [42526..43266], trnG-UCC [complement(45660..46417)], trnL-UAA [47838..48342], trnV-UAC [complement(52006..52590)], clpP [complement(70603..71352)], clpP [complement(71642..72442)], petB [75420..76201], petD [77060..77765], rpl16 [complement(81999..82978)], rpl2 [complement(85174..85833)], ndhB [complement(95742..96442)], trnI-GAU [102753..103701], trnA-UGC [103839..104653], ndhA [complement(121745..122760)], trnA-UGC [complement(135992..136806)], trnI-GAU [complement(136944..137892)], ndhB [144203..144903], rpl2 [154812..155471], rpl16 [157667..158646]
278.	ANSI	27	rps12 [complement(98127..98369)], rps12 [complement(69990..70103)], trnK-UUU [complement(1777..1811)], trnK-UUU [complement(4405..4441)], trnG-UCC [complement(30104..30150)], trnG-UCC [complement(30857..30879)], trnL-UAA [47456..47490], trnL-UAA [47938..47987], trnV-UAC [complement(52018..52052)], trnV-UAC [complement(52629..52666)], rps12 [138896..139138], trnI-GAU [102271..102308], trnI-GAU [103091..103125], trnA-UGC [103190..103227], trnA-UGC [104049..104083], trnA-UGC [complement(133182..133216)], trnA-UGC [complement(134038..134075)], trnI-GAU [complement(134140..134174)], trnI-GAU [complement(134957..134994)]	trnK-UUU [complement(1812..4404)], trnG-UCC [complement(30151..30856)], trnL-UAA [47491..47937], trnV-UAC [complement(52053..52628)], trnI-GAU [102309..103090], trnA-UGC [103228..104048], trnA-UGC [complement(133217..134037)], trnI-GAU [complement(134175..134956)]
279.	ANSN	5	psbA [complement(141905..142485)], psbA [complement(1..481)], psbA [99783..100363]	psbA [complement(142486..0)], psbA [complement(482..99782)]
280.	ANSP	70	rps12 [complement(103152..103177)], rps12 [complement(103714..103945)],	trnK-UUU [complement(1833..4393)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(73993..74106)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4394..4430)], trnG-GCC [8259..8281], trnG-GCC [9001..9046], atpF [complement(11798..12208)], atpF [complement(12999..13142)], rpoC1 [complement(21354..22964)], rpoC1 [complement(23746..24177)], ycf3 [complement(45275..45427)], ycf3 [complement(46136..46363)], ycf3 [complement(47096..47221)], trnL-UAA [49535..49571], trnL-UAA [50149..50198], trnV-UAC [complement(54299..54335)], trnV-UAC [complement(54943..54981)], rps12 [complement(73993..74106)], rps12 [147330..147561], rps12 [148098..148123], clpP [complement(74270..74495)], clpP [complement(75118..75410)], clpP [complement(76274..76342)], petB [79336..79341], petB [80175..80816], petD [81030..81037], petD [81826..82300], rpl16 [complement(86098..86496)], rpl16 [complement(87555..87563)], rpl2 [complement(89417..89851)], rpl2 [complement(90527..90916)], ndhB [complement(100092..100847)], ndhB [complement(101536..102312)], trnI-GAU [107942..107983], trnI-GAU [108931..108965], trnA-UGC [109030..109067], trnA-UGC [109876..109910], ndhA [complement(126375..126914)], ndhA [complement(128096..128665)], trnA-UGC [complement(141365..141399)], trnA-UGC [complement(142208..142245)], trnI-GAU [complement(142310..142344)], trnI-GAU [complement(143292..143333)], ndhB [148963..149739], ndhB [150428..151189], rpl2 [160368..160757], rpl2 [161433..161867]</p>	<p>GCC [8282..9000], atpF [complement(12209..12998)], rpoC1 [complement(22965..23745)], ycf3 [complement(45428..46135)], ycf3 [complement(46364..47095)], trnL-UAA [49572..50148], trnV-UAC [complement(54336..54942)], clpP [complement(74496..75117)], clpP [complement(75411..76273)], petB [79342..80174], petD [81038..81825], rpl16 [complement(86497..87554)], rpl2 [complement(89852..90526)], ndhB [complement(100848..101535)], trnI-GAU [107984..108930], trnA-UGC [109068..109875], ndhA [complement(126915..128095)], trnA-UGC [complement(141400..142207)], trnI-GAU [complement(142345..143291)], ndhB [149740..150427], rpl2 [160758..161432]</p>
281.	ANTE	67	<p>rps12 [complement(103159..103184)], rps12 [complement(103731..103962)], rps12 [complement(74593..74706)], trnK-UUU [complement(1732..1766)], trnK-UUU [complement(4280..4316)], rps16 [complement(5209..5434)], rps16 [complement(6308..6348)], trnG-UCC [9576..9598], trnG-UCC [10309..10356], atpF [complement(12408..12817)], atpF [complement(13587..13731)], rpoC1 [complement(21374..22984)], rpoC1 [complement(23743..24174)], ycf3 [complement(45105..45257)], ycf3 [complement(46000..46227)], ycf3 [complement(47052..47177)], trnL-UAA [49925..49961], trnL-UAA [50487..50536], trnV-UAC [complement(55108..55142)], trnV-UAC [complement(55726..55764)], rps12</p>	<p>trnK-UUU [complement(1767..4279)], rps16 [complement(5435..6307)], trnG-UCC [9599..10308], atpF [complement(12818..13586)], rpoC1 [complement(22985..23742)], ycf3 [complement(45258..45999)], ycf3 [complement(46228..47051)], trnL-UAA [49962..50486], trnV-UAC [complement(55143..55725)], clpP [complement(75060..75707)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74593..74706)], rps12 [145483..145714], rps12 [146261..146286], clpP [complement(74832..75059)], clpP [complement(75708..75999)], clpP [complement(76926..76996)], petB [79969..79974], petB [80725..81366], petD [81566..81573], petD [82338..82812], rpl16 [complement(86309..86707)], rpl16 [complement(86823..86831)], ndhB [complement(100095..100850)], ndhB [complement(101530..102306)], trnI-GAU [107866..107902], trnI-GAU [108838..108872], trnA-UGC [108936..108973], trnA-UGC [109780..109814], ndhA [complement(125213..125751)], ndhA [complement(126850..127402)], trnA-UGC [complement(139631..139665)], trnA-UGC [complement(140472..140509)], trnI-GAU [complement(140573..140607)], trnI-GAU [complement(141543..141579)], ndhB [147139..147915], ndhB [148595..149350]	[complement(76000..76925)], petB [79975..80724], petD [81574..82337], rpl16 [complement(86708..86822)], ndhB [complement(100851..101529)], trnI-GAU [107903..108837], trnA-UGC [108974..109779], ndhA [complement(125752..126849)], trnA-UGC [complement(139666..140471)], trnI-GAU [complement(140608..141542)], ndhB [147916..148594]
282.	ANTO	64	rps12 [complement(99519..99544)], rps12 [complement(100086..100317)], rps12 [complement(71517..71630)], trnK-UUU [3225..3261], trnK-UUU [5887..5921], ycf3 [10095..10218], ycf3 [10943..11182], ycf3 [11937..12091], rpoC1 [32256..32683], rpoC1 [33496..35107], atpF [43166..43289], atpF [44058..44464], trnG-UCC [complement(46442..46489)], trnG-UCC [complement(47192..47214)], trnL-UAA [48604..48638], trnL-UAA [49143..49192], trnV-UAC [complement(52951..52985)], trnV-UAC [complement(53583..53620)], rps12 [142214..142445], rps12 [142987..143012], petB [76702..76785], petB [77602..78243], petD [78442..78449], petD [79183..79678], rpl16 [complement(83036..83434)], rpl16 [complement(84423..84431)], rpl2 [complement(86245..86678)], rpl2 [complement(87339..87642)], ndhB [complement(96441..97196)], ndhB [complement(97898..98674)], trnI-GAU [104321..104362], trnI-GAU [105310..105344], trnA-UGC [105410..105447], trnA-UGC [106263..106297], trnA-UGC [complement(136234..136268)], trnA-UGC [complement(137084..137121)], trnI-GAU [complement(137187..137221)], trnI-GAU [complement(138169..138210)], ndhB [143857..144633], ndhB [145335..146090], rpl2 [154889..155192], rpl2 [155853..156286], rpl16 [158100..158108], rpl16 [159097..159495]	trnK-UUU [3262..5886], ycf3 [10219..10942], ycf3 [11183..11936], rpoC1 [32684..33495], atpF [43290..44057], trnG-UCC [complement(46490..47191)], trnL-UAA [48639..49142], trnV-UAC [complement(52986..53582)], petB [76786..77601], petD [78450..79182], rpl16 [complement(83435..84422)], rpl2 [complement(86679..87338)], ndhB [complement(97197..97897)], trnI-GAU [104363..105309], trnA-UGC [105448..106262], trnA-UGC [complement(136269..137083)], trnI-GAU [complement(137222..138168)], ndhB [144634..145334], rpl2 [155193..155852], rpl16 [158109..159096]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
283.	ANTR	72	rps12 [complement(96535..96560)], rps12 [complement(97109..97340)], rps12 [complement(68799..68912)], trnK-UUU [2063..2099], trnK-UUU [4629..4663], ycf3 [8729..8852], ycf3 [9614..9843], ycf3 [10588..10740], rpoC1 [30371..30800], rpoC1 [31565..33177], atpF [41258..41402], atpF [42121..42530], trnG-UCC [complement(44485..44532)], trnG-UCC [complement(45247..45269)], trnL-UAA [46499..46533], trnL-UAA [47050..47099], trnV-UAC [complement(50793..50827)], trnV-UAC [complement(51411..51448)], rps12 [138552..138783], rps12 [139332..139357], clpP [complement(69068..69313)], clpP [complement(70002..70290)], clpP [complement(71059..71129)], petB [74021..74026], petB [74832..75473], petD [75672..75679], petD [76416..76911], rpl16 [complement(80231..80629)], rpl16 [complement(81603..81611)], rpl2 [complement(83355..83788)], rpl2 [complement(84453..84843)], ndhB [complement(93457..94212)], ndhB [complement(94914..95690)], trnI-GAU [101310..101346], trnI-GAU [102295..102329], trnA-UGC [102394..102431], trnA-UGC [103251..103285], ndhA [complement(118047..118585)], ndhA [complement(119607..120159)], trnA-UGC [complement(132607..132641)], trnA-UGC [complement(133461..133498)], trnI-GAU [complement(133563..133597)], trnI-GAU [complement(134546..134582)], ndhB [140202..140978], ndhB [141680..142435], rpl2 [151049..151439], rpl2 [152104..152537], rpl16 [154281..154289], rpl16 [155263..155661]	trnK-UUU [2100..4628], ycf3 [8853..9613], ycf3 [9844..10587], rpoC1 [30801..31564], atpF [41403..42120], trnG-UCC [complement(44533..45246)], trnL-UAA [46534..47049], trnV-UAC [complement(50828..51410)], clpP [complement(69314..70001)], clpP [complement(70291..71058)], petB [74027..74831], petD [75680..76415], rpl16 [complement(80630..81602)], rpl2 [complement(83789..84452)], ndhB [complement(94213..94913)], trnI-GAU [101347..102294], trnA-UGC [102432..103250], ndhA [complement(118586..119606)], trnA-UGC [complement(132642..133460)], trnI-GAU [complement(133598..134545)], ndhB [140979..141679], rpl2 [151440..152103], rpl16 [154290..155262]
284.	ANTX	73	rps12 [complement(103216..103241)], rps12 [complement(103778..104009)], rps12 [complement(75160..75273)], trnK-UUU [complement(1806..1840)], trnK-UUU [complement(4466..4502)], rps16 [complement(5571..5795)], rps16 [complement(6729..6770)], trnG-UCC [9961..9983], trnG-UCC [10721..10768], atpF [complement(12862..13272)], atpF [complement(14027..14170)], rpoC1 [complement(22408..24024)], rpoC1 [complement(24835..25266)], ycf3 [complement(45945..46097)], ycf3 [complement(46851..47078)], ycf3 [complement(47913..48038)], trnL-UAA [51821..51855], trnL-UAA [52358..52407], trnV-UAC [complement(55694..55728)], trnV-UAC [complement(56348..56386)], rps12	trnK-UUU [complement(1841..4465)], rps16 [complement(5796..6728)], trnG-UCC [9984..10720], atpF [complement(13273..14026)], rpoC1 [complement(24025..24834)], ycf3 [complement(46098..46850)], ycf3 [complement(47079..47912)], trnL-UAA [51856..52357], trnV-UAC [complement(55729..56347)], clpP [complement(75658..76319)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75160..75273)], rps12 [147287..147518], rps12 [148055..148080], clpP [complement(75430..75657)], clpP [complement(76320..76613)], clpP [complement(77473..77541)], petB [80472..80477], petB [81272..81913], petD [82111..82119], petD [82858..83331], rpl16 [complement(86652..87050)], rpl16 [complement(88097..88105)], rpl2 [complement(89884..90318)], rpl2 [complement(91004..91393)], ndhB [complement(100155..100910)], ndhB [complement(101596..102372)], trnI-GAU [107814..107850], trnI-GAU [108795..108829], trnA-UGC [108894..108931], trnA-UGC [109734..109768], ndhA [complement(126849..127388)], ndhA [complement(128568..129119)], trnA-UGC [complement(141528..141562)], trnA-UGC [complement(142365..142402)], trnI-GAU [complement(142467..142501)], trnI-GAU [complement(143446..143482)], ndhB [148924..149700], ndhB [150386..151141], rpl2 [159903..160292], rpl2 [160978..161412]	[complement(76614..77472)], petB [80478..81271], petD [82120..82857], rpl16 [complement(87051..88096)], rpl2 [complement(90319..91003)], ndhB [complement(100911..101595)], trnI-GAU [107851..108794], trnA-UGC [108932..109733], ndhA [complement(127389..128567)], trnA-UGC [complement(141563..142364)], trnI-GAU [complement(142502..143445)], ndhB [149701..150385], rpl2 [160293..160977]
285.	APA M	40	rps12 [complement(95292..95534)], rps12 [complement(68195..68320)], trnK-UUU [complement(1774..1802)], trnK-UUU [complement(4366..4402)], trnV-UAC [9667..9705], trnV-UAC [10295..10331], trnL-UAA [complement(13401..13450)], trnL-UAA [complement(13988..14024)], trnG-GCC [complement(52579..52627)], trnG-GCC [complement(53322..53344)], rps12 [136291..136533], trnI-GAU [99438..99479], trnI-GAU [100425..100459], trnA-UGC [100524..100561], trnA-UGC [101364..101398], trnA-UGC [complement(130427..130461)], trnA-UGC [complement(131264..131301)], trnI-GAU [complement(131366..131400)], trnI-GAU [complement(132346..132387)]	trnK-UUU [complement(1803..4365)], trnV-UAC [9706..10294], trnL-UAA [complement(13451..13987)], ycf3 [16963..17649], ycf3 [17878..18631], rpoC1 [39098..39891], atpF [49175..49884], trnG-GCC [complement(52628..53321)], clpP [complement(68730..69504)], clpP [complement(69802..70509)], petB [73504..74308], petD [75171..75829], rpl16 [complement(80549..81522)], rpl2 [complement(83587..84246)], ndhB [complement(92456..93145)], trnI-GAU [99480..100424], trnA-UGC [100562..101363], ndhA [complement(116380..117611)], trnA-UGC [complement(130462..131263)], trnI-GAU [complement(131401..132345)], ndhB [138680..139369]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
286.	APAS	72	rps12 [complement(99726..99751)], rps12 [complement(100289..100520)], rps12 [complement(71894..72007)], trnK-UUU [complement(1836..1870)], trnK-UUU [complement(4443..4479)], rps16 [complement(5404..5633)], rps16 [complement(6536..6575)], trnG-UCC [9560..9582], trnG-UCC [10294..10341], atpF [complement(12259..12668)], atpF [complement(13430..13574)], rpoC1 [complement(21120..22730)], rpoC1 [complement(23497..23928)], ycf3 [complement(43674..43826)], ycf3 [complement(44603..44830)], ycf3 [complement(45551..45676)], trnL-UAA [49225..49259], trnL-UAA [49786..49835], trnV-UAC [complement(52951..52985)], trnV-UAC [complement(53583..53621)], rps12 [143383..143614], rps12 [144152..144177], clpP [complement(72166..72393)], clpP [complement(73040..73331)], clpP [complement(74059..74129)], petB [77035..77040], petB [77824..78465], petD [78674..78681], petD [79385..79859], rpl16 [complement(83230..83628)], rpl16 [complement(84610..84618)], rpl2 [complement(86351..86784)], rpl2 [complement(87479..87869)], ndhB [complement(96665..97420)], ndhB [complement(98106..98882)], trnI-GAU [104358..104394], trnI-GAU [105339..105373], trnA-UGC [105438..105475], trnA-UGC [106278..106312], ndhA [complement(122913..123452)], ndhA [complement(124554..125105)], trnA-UGC [complement(137591..137625)], trnA-UGC [complement(138428..138465)], trnI-GAU [complement(138530..138564)], trnI-GAU [complement(139509..139545)], ndhB [145021..145797], ndhB [146483..147238], rpl2 [156034..156424], rpl2 [157119..157552]	trnK-UUU [complement(1871..4442)], rps16 [complement(5634..6535)], trnG-UCC [9583..10293], atpF [complement(12669..13429)], rpoC1 [complement(22731..23496)], ycf3 [complement(43827..44602)], ycf3 [complement(44831..45550)], trnL-UAA [49260..49785], trnV-UAC [complement(52986..53582)], clpP [complement(72394..73039)], clpP [complement(73332..74058)], petB [77041..77823], petD [78682..79384], rpl16 [complement(83629..84609)], rpl2 [complement(86785..87478)], ndhB [complement(97421..98105)], trnI-GAU [104395..105338], trnA-UGC [105476..106277], ndhA [complement(123453..124553)], trnA-UGC [complement(137626..138427)], trnI-GAU [complement(138565..139508)], ndhB [145798..146482], rpl2 [156425..157118]
287.	APCA	14	rps12 [complement(51576..51689)], rps16 [complement(5372..5598)], atpF [complement(11917..12327)], atpF [complement(13366..13611)], rps12 [107666..107691], rpl2 [complement(62071..62504)]	rps16 [complement(5599..6425)], trnG-UCC [9276..9897], atpF [complement(12328..13365)], clpP [complement(52040..52667)], clpP [complement(52960..53703)], rpl16 [complement(59658..60417)], rpl2 [complement(62505..63175)], ndhB [complement(72910..73577)]
288.	APFA	10	trnI-GAU [61435..61472], trnI-GAU [62431..62465], trnA-UGC	trnK-UUU [complement(196..2685)], trnL-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[62530..62567], trnA-UGC [63376..63410]	UAA [18728..19215], trnI-GAU [61473..62430], trnA-UGC [62568..63375], trnA-UGC [complement(87392..88199)], trnI-GAU [complement(88337..89294)]
289.	APGR	63	rps12 [complement(96738..96763)], rps12 [complement(97300..97531)], rps12 [complement(69454..69567)], trnK-UUU [complement(1742..1780)], trnK-UUU [complement(4299..4335)], trnT-CGU [9230..9265], trnT-CGU [9951..9992], atpF [complement(11891..12292)], atpF [complement(13017..13160)], rpoC1 [complement(21010..22617)], rpoC1 [complement(23377..23793)], ycf3 [complement(42527..42681)], ycf3 [complement(43465..43690)], ycf3 [complement(44413..44538)], trnL-UAA [47616..47653], trnL-UAA [48158..48204], trnV-UAC [complement(51791..51825)], trnV-UAC [complement(52385..52423)], rps12 [139949..140180], rps12 [140717..140742], clpP [complement(69714..69944)], clpP [complement(70575..70866)], clpP [complement(71707..71777)], petB [74675..74680], petB [75431..76072], petD [76261..76268], petD [77016..77490], rpl2 [complement(84039..84472)], rpl2 [complement(85124..85514)], ndhB [complement(93703..94458)], ndhB [complement(95141..95917)], trnI-GAU [101471..101507], trnI-GAU [102456..102490], trnA-UGC [102555..102591], trnA-UGC [103405..103440], ndhA [complement(119641..120181)], ndhA [complement(121255..121805)], trnA-UGC [complement(134040..134075)], trnA-UGC [complement(134889..134925)], trnI-GAU [complement(134990..135024)], trnI-GAU [complement(135974..136009)], ndhB [141563..142339], ndhB [143022..143777]	trnK-UUU [complement(1781..4298)], trnT-CGU [9266..9950], atpF [complement(12293..13016)], rpoC1 [complement(22618..23376)], ycf3 [complement(42682..43464)], ycf3 [complement(43691..44412)], trnL-UAA [47654..48157], trnV-UAC [complement(51826..52384)], clpP [complement(69945..70574)], clpP [complement(70867..71706)], petB [74681..75430], petD [76269..77015], rpl2 [complement(84473..85123)], ndhB [complement(94459..95140)], trnI-GAU [101508..102455], trnA-UGC [102592..103404], ndhA [complement(120182..121254)], trnA-UGC [complement(134076..134888)], trnI-GAU [complement(135025..135973)], ndhB [142340..143021]
290.	APKN	70	rps12 [complement(97178..97203)], rps12 [complement(97740..97971)], rps12 [complement(69715..69828)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4234..4270)], rps16 [complement(4698..4897)], rps16 [complement(5766..5805)], trnG-UCC [9013..9035], trnG-UCC [9706..9753], atpF [complement(11758..12168)], atpF [complement(12871..13014)], rpoC1 [complement(20856..22484)], rpoC1 [complement(23300..23734)], ycf3 [complement(42550..42704)], ycf3 [complement(43427..43652)], ycf3	trnK-UUU [complement(1731..4233)], rps16 [complement(4898..5765)], trnG-UCC [9036..9705], atpF [complement(12169..12870)], rpoC1 [complement(22485..23299)], ycf3 [complement(42705..43426)], ycf3 [complement(43653..44374)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44375..44500)], trnL-UAA [47174..47208], trnL-UAA [47680..47729], trnV-UAC [complement(51362..51398)], trnV-UAC [complement(51978..52013)], clpP [complement(69949..70173)], clpP [complement(70828..71122)], clpP [complement(71849..71919)], petB [74758..74763], petB [75493..76134], petD [76323..76330], petD [77067..77541], rpl16 [complement(80960..81358)], rpl16 [complement(82258..82266)], rpl2 [complement(83912..84345)], rpl2 [complement(85012..85402)], ndhB [complement(94171..94926)], ndhB [complement(95611..96387)], trnI-GAU [101652..101688], trnI-GAU [102638..102672], trnA-UGC [102737..102774], trnA-UGC [103586..103620], ndhA [complement(118510..119049)], ndhA [complement(119953..120504)], trnA-UGC [complement(132699..132733)], trnA-UGC [complement(133545..133582)], trnI-GAU [complement(133647..133681)], trnI-GAU [complement(134631..134667)], ndhB [139932..140708], ndhB [141393..142148], rpl2 [150917..151307], rpl2 [151974..152407]	[47209..47679], trnV-UAC [complement(51399..51977)], clpP [complement(70174..70827)], clpP [complement(71123..71848)], petB [74764..75492], petD [76331..77066], rpl16 [complement(81359..82257)], rpl2 [complement(84346..85011)], ndhB [complement(94927..95610)], trnI-GAU [101689..102637], trnA-UGC [102775..103585], ndhA [complement(119050..119952)], trnA-UGC [complement(132734..133544)], trnI-GAU [complement(133682..134630)], ndhB [140709..141392], rpl2 [151308..151973]
291.	APM N	40	trnK-UUU [complement(1331..1365)], trnK-UUU [complement(3928..3964)], trnG-UCC [9194..9216], trnG-UCC [9916..9963], trnL-UAA [46678..46712], trnL-UAA [47391..47440], trnV-UAC [complement(51740..51776)], trnV-UAC [complement(52380..52418)], rps12 [142697..142722], trnI-GAU [103716..103752], trnI-GAU [104684..104718], trnA-UGC [104783..104820], trnA-UGC [105636..105670], trnA-UGC [complement(136011..136045)], trnA-UGC [complement(136861..136898)], trnI-GAU [complement(136963..136997)], trnI-GAU [complement(137929..137965)]	trnK-UUU [complement(1366..3927)], rps16 [complement(4706..5576)], trnG-UCC [9217..9915], atpF [complement(12308..13135)], rpoC1 [complement(22532..23290)], ycf3 [complement(42196..42949)], ycf3 [complement(43178..43913)], trnL-UAA [46713..47390], trnV-UAC [complement(51777..52379)], clpP [complement(70527..71188)], clpP [complement(71481..72262)], petB [75252..76072], petD [76931..77681], rpl16 [complement(82316..83432)], rpl2 [complement(85773..86437)], ndhB [complement(96651..97354)], trnI-GAU [103753..104683], trnA-UGC [104821..105635], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(121894..123013)], trnA-UGC [complement(136046..136860)], trnI-GAU [complement(136998..137928)], ndhB [144327..145030], rpl2 [155244..155908]
292.	APM O	35	rps12 [complement(71743..71768)], rps12 [complement(72310..72541)], rps12 [complement(42946..43059)], trnK-UUU [complement(1230..1255)], trnK-UUU [complement(3981..4017)], rps16 [complement(4269..4471)], rps16 [complement(5381..5420)], trnG-GCC [8165..8187], trnG-GCC [8878..8914], trnL-UAA [29559..29593], trnL-UAA [30357..30406], trnV-UAC [complement(32422..32458)], trnV-UAC [complement(33041..33079)], clpP [complement(43192..43446)], clpP [complement(44116..44407)], clpP [complement(45443..45513)], rpl16 [complement(54793..55191)], rpl16 [complement(56431..56439)], rpl2 [complement(58481..58912)], rpl2 [complement(59576..59962)], trnI-GAU [75933..75974], trnI-GAU [76917..76951], trnA-UGC [77017..77054], trnA-UGC [77857..77891]	trnK-UUU [complement(1256..3980)], rps16 [complement(4472..5380)], trnG-GCC [8188..8877], trnL-UAA [29594..30356], trnV-UAC [complement(32459..33040)], clpP [complement(43447..44115)], clpP [complement(44408..45442)], rpl16 [complement(55192..56430)], rpl2 [complement(58913..59575)], trnI-GAU [75975..76916], trnA-UGC [77055..77856]
293.	APM U	64	rps12 [complement(92347..92375)], rps12 [complement(92916..93147)], rps12 [complement(69332..69445)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3902..3939)], rps16 [complement(4480..4697)], rps16 [complement(5539..5578)], trnG-UCC [complement(13548..13595)], trnG-UCC [complement(14294..14316)], atpF [35273..35431], atpF [36248..36655], ycf3 [complement(44409..44567)], ycf3 [complement(45307..45534)], ycf3 [complement(46268..46399)], trnL [49125..49159], trnL [49611..49660], trnV-UAC [complement(53170..53206)], trnV-UAC [complement(53809..53847)], rps12 [129549..129780], rps12 [130321..130349], petB [73180..73185], petB [73931..74578], petD [74761..74768], petD [75509..75983], rpl16 [complement(79554..79955)], rpl16 [complement(81009..81017)], rpl2 [complement(82974..83405)], rpl2 [complement(84069..84458)], ndhB [complement(89281..90036)], ndhB [complement(90741..91517)], trnI-GAU [96989..97030], trnI-GAU [97976..98010], trnA-UGC [98076..98113], trnA-UGC [98924..98958], ndhA [complement(114252..114791)], ndhA [complement(115815..116363)], trnA-UGC [complement(123738..123772)], trnA-UGC [complement(124583..124620)], trnI-GAU	trnK-UUU [complement(1412..3901)], rps16 [complement(4698..5538)], trnG-UCC [complement(13596..14293)], atpF [35432..36247], ycf3 [complement(44568..45306)], ycf3 [complement(45535..46267)], trnL [49160..49610], trnV-UAC [complement(53207..53808)], petB [73186..73930], petD [74769..75508], rpl16 [complement(79956..81008)], rpl2 [complement(83406..84068)], ndhB [complement(90037..90740)], trnI-GAU [97031..97975], trnA-UGC [98114..98923], ndhA [complement(114792..115814)], trnA-UGC [complement(123773..124582)], trnI-GAU [complement(124721..125665)], ndhB [131956..132659], rpl2 [138628..139290]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(124686..124720)], trnI-GAU [complement(125666..125707)], ndhB [131179..131955], ndhB [132660..133415], rpl2 [138238..138627], rpl2 [139291..139722]	
294.	APOB	72	rps12 [complement(99670..99695)], rps12 [complement(100232..100463)], rps12 [complement(71740..71853)], trnK-UUU [complement(1739..1773)], trnK-UUU [complement(4261..4297)], rps16 [complement(5064..5288)], rps16 [complement(6134..6172)], trnG [9769..9791], trnG [10478..10525], atpF [complement(12534..12941)], atpF [complement(13645..13803)], rpoC1 [complement(21330..22949)], rpoC1 [complement(23693..24127)], ycf3 [complement(43947..44099)], ycf3 [complement(44837..45064)], ycf3 [complement(45786..45911)], trnL-UAA [49206..49242], trnL-UAA [49759..49808], trnV-UAC [complement(52948..52984)], trnV-UAC [complement(53571..53609)], rps12 [142284..142515], rps12 [143052..143077], clpP [complement(72003..72287)], clpP [complement(72827..73117)], clpP [complement(73918..73986)], petB [76894..76899], petB [77661..78317], petD [78506..78514], petD [79211..79735], rpl16 [complement(83211..83612)], rpl16 [complement(84627..84635)], rpl2 [complement(86263..86697)], rpl2 [complement(87365..87757)], ndhB [complement(96618..97373)], ndhB [complement(98053..98823)], trnI-GAU [104393..104434], trnI-GAU [105382..105416], trnA-UGC [105481..105518], trnA-UGC [106331..106365], ndhA [complement(121850..122389)], ndhA [complement(123478..124029)], trnA-UGC [complement(136382..136416)], trnA-UGC [complement(137229..137266)], trnI-GAU [complement(137331..137365)], trnI-GAU [complement(138313..138354)], ndhB [143924..144694], ndhB [145374..146129], rpl2 [154990..155379], rpl2 [156050..156484]	trnK-UUU [complement(1774..4260)], rps16 [complement(5289..6133)], trnG [9792..10477], atpF [complement(12942..13644)], rpoC1 [complement(22950..23692)], ycf3 [complement(44100..44836)], ycf3 [complement(45065..45785)], trnL-UAA [49243..49758], trnV-UAC [complement(52985..53570)], clpP [complement(72288..72826)], clpP [complement(73118..73917)], petB [76900..77660], petD [78515..79210], rpl16 [complement(83613..84626)], rpl2 [complement(86698..87364)], ndhB [complement(97374..98052)], trnI-GAU [104435..105381], trnA-UGC [105519..106330], ndhA [complement(122390..123477)], trnA-UGC [complement(136417..137228)], trnI-GAU [complement(137366..138312)], ndhB [144695..145373], rpl2 [155380..156049]
295.	APOD	73	rps12 [complement(100749..100774)], rps12 [complement(101329..101560)], rps12 [complement(69656..69769)], trnK-UUU [complement(1595..1620)], trnK-UUU [complement(4735..4765)], rps16 [complement(5580..5789)], rps16 [complement(6891..6926)], ycf3 [9600..9725], ycf3 [10498..10725], ycf3 [11522..11686], rpoC1 [30492..30925], rpoC1 [31709..33329], atpF [40793..40951], atpF [41789..42178], trnG-GCC [complement(44039..44085)],	trnK-UUU [complement(1621..4734)], rps16 [complement(5790..6890)], ycf3 [9726..10497], ycf3 [10726..11521], rpoC1 [30926..31708], atpF [40952..41788], trnG-GCC [complement(44086..44806)], trnL-UAA [47535..48266], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-GCC [complement(44807..44829)], trnL-UAA [47500..47534], trnL-UAA [48267..48316], trnV-UAC [complement(51486..51522)], trnV-UAC [complement(52111..52149)], rps12 [complement(69656..69769)], rps12 [144014..144245], rps12 [144800..144825], clpP [complement(69912..70163)], clpP [complement(70918..71208)], clpP [complement(72520..72588)], petD [76684..76691], petD [79524..79998], petB [77520..77525], petB [77744..78385], rpl16 [complement(83589..83999)], rpl16 [complement(85043..85051)], rpl2 [complement(87113..87544)], rpl2 [complement(88213..88599)], ndhB [complement(97678..98433)], ndhB [complement(99134..99910)], trnI-GAU [105684..105720], trnI-GAU [106668..106702], trnA-UGC [106766..106803], trnA-UGC [107604..107638], ndhA [complement(123406..123945)], ndhA [complement(125252..125803)], trnA-UGC [complement(137936..137970)], trnA-UGC [complement(138771..138808)], trnI-GAU [complement(138872..138906)], trnI-GAU [complement(139854..139890)], ndhB [145664..146440], ndhB [147141..147896], rpl2 [156975..157361], rpl2 [158030..158461]	[complement(51523..52110)], clpP [complement(70164..70917)], clpP [complement(71209..72519)], petD [76692..79523], petB [77526..77743], rpl16 [complement(84000..85042)], rpl2 [complement(87545..88212)], ndhB [complement(98434..99133)], trnI-GAU [105721..106667], trnA-UGC [106804..107603], ndhA [complement(123946..125251)], trnA-UGC [complement(137971..138770)], trnI-GAU [complement(138907..139853)], ndhB [146441..147140], rpl2 [157362..158029]
296.	APSH	53	rps12 [complement(99488..99512)], rps12 [complement(100062..100297)], rps12 [complement(44562..44699)], rpoC1 [5381..5803], rpoC1 [6602..8212], atpF [15715..15858], atpF [16701..17111], trnL-UAA [22512..22550], trnL-UAA [23259..23304], trnV-UAC [complement(26457..26505)], trnV-UAC [complement(27100..27134)], rps12 [125332..125570], rps12 [126120..126144], clpP [complement(44837..45085)], clpP [complement(45831..46125)], clpP [complement(47429..47499)], ycf3 [complement(73571..73731)], ycf3 [complement(74532..74759)], ycf3 [complement(75501..75624)], rps16 [77890..77933], rps16 [78947..79139], rpl2 [complement(85861..86291)], rpl2 [complement(86956..87346)], ndhB [complement(96417..97172)], ndhB [complement(97873..98649)], trnA-UGC [complement(119207..119244)], trnA-UGC [complement(120053..120087)], trnI-GAU [complement(120151..120187)], trnI-GAU [complement(121148..121184)], ndhB [126983..127759], ndhB [128460..129215], rpl2 [138286..138676], rpl2 [139341..139771], petD [complement(146987..147463)], petD [complement(149592..149597)], petB	rpoC1 [5804..6601], atpF [15859..16700], trnL-UAA [22551..23258], trnV-UAC [complement(26506..27099)], clpP [complement(45086..45830)], clpP [complement(46126..47428)], ycf3 [complement(73732..74531)], ycf3 [complement(74760..75500)], rps16 [77934..78946], rpl2 [complement(86292..86955)], ndhB [complement(97173..97872)], trnA-UGC [complement(119245..120052)], trnI-GAU [complement(120188..121147)], ndhB [127760..128459], rpl2 [138677..139340], petD [complement(147464..149591)], petB [complement(149369..149591)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(148724..149368)]	
297.	APW A	58	trnK-UUU [complement(1361..1395)], trnK-UUU [complement(4565..4601)], rps16 [complement(5066..5334)], rps16 [complement(6440..6485)], ycf3 [8911..9036], ycf3 [9770..9997], ycf3 [10785..10976], rpoC1 [29625..30059], rpoC1 [30764..32383], atpF [39822..39965], atpF [40789..41199], trnG-UCC [complement(43103..43149)], trnG-UCC [complement(43872..43894)], trnL-UAA [46512..46546], trnL-UAA [47232..47281], trnV-UAC [complement(50452..50488)], trnV-UAC [complement(51078..51116)], clpP [complement(68557..68808)], clpP [complement(69546..69836)], clpP [complement(71026..71094)], petB [74396..74401], petB [74601..75257], petD [75447..75454], petD [76497..76971], rpl16 [complement(80506..80916)], rpl16 [complement(81895..81903)], ndhB [complement(94503..95258)], ndhB [complement(95959..96735)], trnI-GAU [101831..101872], trnI-GAU [102823..102857], trnA-UGC [102921..102958], trnA-UGC [103761..103795], trnA-UGC [complement(135367..135401)], trnA-UGC [complement(136204..136241)], trnI-GAU [complement(136305..136339)], trnI-GAU [complement(137290..137331)], ndhB [142427..143203], ndhB [143904..144659]	trnK-UUU [complement(1396..4564)], rps16 [complement(5335..6439)], ycf3 [9037..9769], ycf3 [9998..10784], rpoC1 [30060..30763], atpF [39966..40788], trnG-UCC [complement(43150..43871)], trnL-UAA [46547..47231], trnV-UAC [complement(50489..51077)], clpP [complement(68809..69545)], clpP [complement(69837..71025)], petB [74402..74600], petD [75455..76496], rpl16 [complement(80917..81894)], ndhB [complement(95259..95958)], trnI-GAU [101873..102822], trnA-UGC [102959..103760], trnA-UGC [complement(135402..136203)], trnI-GAU [complement(136340..137289)], ndhB [143204..143903]
298.	AQCO	21	rps12 [complement(62551..62664)], rps12 [147660..147685]	trnK-UUU [complement(2161..4679)], rps16 [complement(5572..6453)], trnG-UCC [9400..10107], atpF [complement(12576..13276)], rpoC1 [complement(22902..23659)], ycf3 [complement(44482..45236)], ycf3 [complement(45466..46178)], trnL-UAA [49017..49541], trnV-UAC [complement(53340..53928)], petB [80047..80881], petD [81747..82476], rpl2 [complement(90048..90707)], ndhB [complement(102539..103241)], trnI-GAU [109657..110579], trnA-UGC [110717..111507], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(127154..128203)], trnA-UGC [complement(141042..141832)], trnI-GAU [complement(141970..142892)], ndhB [149308..150010]
299.	AQCR	61	trnK-UUU [complement(1861..1895)], trnK-UUU [complement(4421..4457)], rps16 [complement(5161..5360)], rps16 [complement(6256..6295)], trnG-UCC [9661..9683], trnG-UCC [10411..10459], rpoC1 [complement(22367..24003)], rpoC1 [complement(24759..25191)], ycf3 [complement(45366..45518)], ycf3 [complement(46261..46488)], ycf3 [complement(47226..47351)], trnL-UAA [50474..50507], trnL-UAA [51050..51099], trnV-UAC [complement(54344..54378)], trnV-UAC [complement(54984..55022)], rps12 [58062..58175], rps12 [160309..160540], rps12 [161080..161105], rps12 [complement(101741..101972)], rps12 [complement(101176..101201)], petB [77769..77774], petB [78542..79240], petD [79447..79454], petD [80224..80698], rpl2 [complement(87432..87866)], rpl2 [complement(88551..88943)], ndhB [complement(98119..98874)], ndhB [complement(99557..100333)], trnI-GAU [105939..105975], trnI-GAU [106936..106970], trnA-UGC [107034..107071], trnA-UGC [107889..107923], ndhA [120363..120920], ndhA [122072..122611], ndhA [complement(139670..140209)], ndhA [complement(141361..141918)], trnA-UGC [complement(154358..154392)], trnA-UGC [complement(155210..155247)], trnI-GAU [complement(155311..155345)], trnI-GAU [complement(156306..156342)], ndhB [161948..162724], ndhB [163407..164162]	trnK-UUU [complement(1896..4420)], rps16 [complement(5361..6255)], trnG-UCC [9684..10410], rpoC1 [complement(24004..24758)], ycf3 [complement(45519..46260)], ycf3 [complement(46489..47225)], trnL-UAA [50508..51049], trnV-UAC [complement(54379..54983)], petB [77775..78541], petD [79455..80223], rpl2 [complement(87867..88550)], ndhB [complement(98875..99556)], trnI-GAU [105976..106935], trnA-UGC [107072..107888], ndhA [120921..122071], ndhA [complement(140210..141360)], trnA-UGC [complement(154393..155209)], trnI-GAU [complement(155346..156305)], ndhB [162725..163406]
300.	AQEC	20	rps12 [complement(104993..105018)]	trnK-UUU [complement(2149..4667)], rps16 [complement(5558..6433)], trnG-UCC [9171..9878], atpF [complement(12342..13047)], rpoC1 [complement(22677..23440)], ycf3 [complement(44314..45067)], ycf3 [complement(45297..46009)], trnL-UAA [48847..49371], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(53170..53758)], petB [79864..80698], petD [81564..82293], rpl2 [complement(90048..90707)], ndhB [complement(102668..103370)], trnI-GAU [109786..110708], trnA-UGC [110846..111636], ndhA [complement(127350..128397)], trnA-UGC [complement(141289..142079)], trnI-GAU [complement(142217..143139)], ndhB [149555..150257]
301.	AQM A	61	trnK-UUU [complement(1776..1810)], trnK-UUU [complement(4340..4376)], rps16 [complement(5077..5276)], rps16 [complement(6175..6214)], atpF [complement(12533..13009)], atpF [complement(13789..13950)], rpoC1 [complement(22295..23931)], rpoC1 [complement(24687..25119)], ycf3 [complement(45289..45441)], ycf3 [complement(46185..46412)], ycf3 [complement(47147..47275)], trnL-UAA [50404..50440], trnL-UAA [50997..51029], trnV-UAC [complement(54279..54315)], trnV-UAC [complement(54919..54957)], rps12 [57982..58095], rps12 [160233..160464], rps12 [161004..161029], rps12 [complement(101671..101902)], rps12 [complement(101106..101131)], petD [79384..79391], petD [80162..80636], rpl2 [complement(87369..87803)], rpl2 [complement(88488..88880)], ndhB [complement(98049..98804)], ndhB [complement(99487..100263)], trnI-GAU [105869..105910], trnI-GAU [106866..106900], trnA-UGC [106964..107001], trnA-UGC [107819..107853], ndhA [120293..120850], ndhA [122002..122541], ndhA [complement(139594..140133)], ndhA [complement(141285..141842)], trnA-UGC [complement(154282..154316)], trnA-UGC [complement(155134..155171)], trnI-GAU [complement(155235..155269)], trnI-GAU [complement(156225..156266)], ndhB [161872..162648], ndhB [163331..164086], rpl2 [173255..173647], rpl2 [174332..174766]	trnK-UUU [complement(1811..4339)], rps16 [complement(5277..6174)], atpF [complement(13010..13788)], rpoC1 [complement(23932..24686)], ycf3 [complement(45442..46184)], ycf3 [complement(46413..47146)], trnL-UAA [50441..50996], trnV-UAC [complement(54316..54918)], petD [79392..80161], rpl2 [complement(87804..88487)], ndhB [complement(98805..99486)], trnI-GAU [105911..106865], trnA-UGC [107002..107818], ndhA [120851..122001], ndhA [complement(140134..141284)], trnA-UGC [complement(154317..155133)], trnI-GAU [complement(155270..156224)], ndhB [162649..163330], rpl2 [173648..174331]
302.	AQSI	41	trnK-UUU [complement(1721..1755)], trnK-UUU [complement(4282..4318)], atpF [complement(12480..12955)], atpF [complement(13747..13909)], rpoC1	trnK-UUU [complement(1756..4281)], atpF [complement(12956..13746)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22233..23869)], rpoC1 [complement(24620..25085)], ycf3 [complement(45251..45403)], ycf3 [complement(46146..46375)], ycf3 [complement(47110..47236)], rpl2 [complement(87359..87828)], rpl2 [complement(88477..88870)], ndhB [complement(98046..98801)], ndhB [complement(99391..100260)], trnI-GAU [105865..105906], trnI-GAU [106862..106896], trnA-UGC [106960..106997], trnA-UGC [107815..107849], ndhA [complement(124262..124800)], ndhA [complement(125949..126522)], trnA-UGC [complement(138950..138984)], trnA-UGC [complement(139802..139839)], trnI-GAU [complement(139903..139937)], trnI-GAU [complement(140893..140934)], ndhB [146539..147315], ndhB [147998..148753], rpl2 [157929..158319], rpl2 [158971..159440]	[complement(23870..24619)], ycf3 [complement(45404..46145)], ycf3 [complement(46376..47109)], rpl2 [complement(87829..88476)], ndhB [complement(98802..99390)], trnI-GAU [105907..106861], trnA-UGC [106998..107814], ndhA [complement(124801..125948)], trnA-UGC [complement(138985..139801)], trnI-GAU [complement(139938..140892)], ndhB [147316..147997], rpl2 [158320..158970]
303.	AQY U	69	rpl2 [173393..173783], rpl2 [174471..174885], rpl2 [1..19], trnK-UUU [complement(1862..1896)], trnK-UUU [complement(4423..4459)], rps16 [complement(5164..5363)], rps16 [complement(6264..6303)], trnG-UCC [9675..9697], trnG-UCC [10426..10474], atpF [complement(12620..13095)], atpF [complement(13887..14049)], rpoC1 [complement(22380..24016)], rpoC1 [complement(24772..25204)], ycf3 [complement(45398..45550)], ycf3 [complement(46293..46520)], ycf3 [complement(47258..47383)], trnL-UAA [50506..50539], trnL-UAA [51082..51131], trnV-UAC [complement(54380..54414)], trnV-UAC [complement(55020..55058)], rps12 [58114..58227], rps12 [160369..160600], rps12 [161135..161160], rps12 [complement(101794..102025)], rps12 [complement(101234..101259)], petB [77824..77829], petB [78596..79294], petD [79501..79508], petD [80281..80755], rpl2 [complement(87490..87924)], rpl2 [complement(88609..89001)], ndhB [complement(98177..98932)], ndhB [complement(99615..100391)], trnI-GAU [105991..106027], trnI-GAU [106988..107022], trnA-UGC [107086..107123], trnA-UGC [107941..107975], ndhA [120415..120972], ndhA [122124..122663], ndhA [complement(139731..140270)], ndhA [complement(141422..141979)], trnA-UGC [complement(154419..154453)], trnA-UGC [complement(155271..155308)], trnI-GAU [complement(155372..155406)], trnI-GAU [complement(156367..156403)], ndhB [162003..162779], ndhB	rpl2 [173784..174470], rpl2 [174886..0], trnK-UUU [complement(1897..4422)], rps16 [complement(5364..6263)], trnG-UCC [9698..10425], atpF [complement(13096..13886)], rpoC1 [complement(24017..24771)], ycf3 [complement(45551..46292)], ycf3 [complement(46521..47257)], trnL-UAA [50540..51081], trnV-UAC [complement(54415..55019)], petB [77830..78595], petD [79509..80280], rpl2 [complement(87925..88608)], ndhB [complement(98933..99614)], trnI-GAU [106028..106987], trnA-UGC [107124..107940], ndhA [120973..122123], ndhA [complement(140271..141421)], trnA-UGC [complement(154454..155270)], trnI-GAU [complement(155407..156366)], ndhB [162780..163461]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[163462..164217]	
304.	ARAE	70	<p>rps12 [complement(98034..98059)], rps12 [complement(98597..98828)], rps12 [complement(69671..69784)], trnK [complement(1687..1721)], trnK [complement(4271..4307)], rps16 [complement(4994..5202)], rps16 [complement(6098..6137)], trnG [8485..8507], trnG [9222..9270], atpF [complement(11369..11778)], atpF [complement(12503..12647)], rpoC1 [complement(20121..21731)], rpoC1 [complement(22533..22964)], ycf3 [complement(42472..42624)], ycf3 [complement(43417..43644)], trnL [46886..46920], trnL [47427..47476], trnV [complement(51146..51180)], trnV [complement(51780..51818)], rps12 [140017..140248], rps12 [140786..140811], clpP [complement(69964..70191)], clpP [complement(70754..71045)], clpP [complement(71931..72001)], petB [74956..74961], petB [75755..76396], petD [76585..76592], petD [77296..77770], rpl16 [complement(81233..81631)], rpl16 [complement(82700..82708)], rpl2 [complement(84401..84835)], rpl2 [complement(85518..85907)], ndhB [complement(94981..95742)], ndhB [complement(96428..96835)], trnI [102845..102881], trnI [103611..103645], trnA [103710..103747], trnA [104549..104583], ndhA [complement(119989..120518)], ndhA [complement(121589..122141)], trnA [complement(134262..134296)], trnA [complement(135098..135136)], trnI [complement(135200..135234)], trnI [complement(135964..136000)], ndhB [142010..142417], ndhB [143103..143864], rpl2 [152938..153327], rpl2 [154010..154444]</p>	<p>trnK [complement(1722..4270)], rps16 [complement(5203..6097)], trnG [8508..9221], atpF [complement(11779..12502)], rpoC1 [complement(21732..22532)], ycf3 [complement(42625..43416)], trnL [46921..47426], trnV [complement(51181..51779)], clpP [complement(70192..70753)], clpP [complement(71046..71930)], petB [74962..75754], petD [76593..77295], rpl16 [complement(81632..82699)], rpl2 [complement(84836..85517)], ndhB [complement(95743..96427)], trnI [102882..103610], trnA [103748..104548], ndhA [complement(120519..121588)], trnA [complement(134297..135097)], trnI [complement(135235..135963)], ndhB [142418..143102], rpl2 [153328..154009]</p>
305.	ARAG	67	<p>rps12 [complement(96103..96128)], rps12 [complement(96664..96895)], rps12 [complement(68527..68640)], trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4332..4368)], rps16 [complement(5239..5435)], rps16 [complement(6311..6350)], rpoC1 [16017..16445], rpoC1 [17178..18818], atpF [26728..26872], atpF [27572..27981], ycf3 [complement(41890..42042)], ycf3 [complement(42783..43010)], ycf3 [complement(43714..43839)], trnL-UAA [46625..46661], trnL-UAA [47080..47129], trnV-UAC [complement(51082..51118)], trnV-UAC [complement(51692..51729)], clpP [complement(68795..69022)], clpP [complement(69633..69923)], clpP</p>	<p>trnK-UUU [complement(1765..4331)], rps16 [complement(5436..6310)], rpoC1 [16446..17177], atpF [26873..27571], ycf3 [complement(42043..42782)], ycf3 [complement(43011..43713)], trnL-UAA [46662..47079], trnV-UAC [complement(51119..51691)], clpP [complement(69023..69632)], clpP [complement(69924..70723)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(70724..70792)], petB [73714..73719], petB [74454..75107], petD [75296..75303], petD [75979..76453], rpl16 [complement(79911..80309)], rpl16 [complement(81329..81337)], rpl2 [complement(83046..83480)], rpl2 [complement(84143..84535)], ndhB [complement(93084..93839)], ndhB [complement(94510..95286)], trnI-GAU [100810..100852], trnI-GAU [101628..101662], trnA-UGC [101727..101764], trnA-UGC [102577..102611], ndhA [complement(117630..118169)], ndhA [complement(119247..119798)], trnA-UGC [complement(131512..131546)], trnA-UGC [complement(132359..132396)], trnI-GAU [complement(132461..132495)], trnI-GAU [complement(133271..133313)], ndhB [138837..139613], ndhB [140284..141039], rpl2 [149588..149980], rpl2 [150643..151077]	[73720..74453], petD [75304..75978], rpl16 [complement(80310..81328)], rpl2 [complement(83481..84142)], ndhB [complement(93840..94509)], trnI-GAU [100853..101627], trnA-UGC [101765..102576], ndhA [complement(118170..119246)], trnA-UGC [complement(131547..132358)], trnI-GAU [complement(132496..133270)], ndhB [139614..140283], rpl2 [149981..150642]
306.	ARAL	21	trnL-UAA [45919..45955], trnL-UAA [46275..46324], trnV-UAC [complement(49875..49911)], trnV-UAC [complement(50518..50566)], rps12 [67704..67817], rps12 [138274..138516], rps12 [complement(96690..96932)], trnI-GAU [100760..100801], trnI-GAU [101745..101779], trnA-UGC [101844..101881], trnA-UGC [102682..102716], trnA-UGC [complement(132490..132524)], trnA-UGC [complement(133325..133362)], trnI-GAU [complement(133427..133461)], trnI-GAU [complement(134405..134446)]	trnL-UAA [45956..46274], trnV-UAC [complement(49912..50517)], trnI-GAU [100802..101744], trnA-UGC [101882..102681], trnA-UGC [complement(132525..133324)], trnI-GAU [complement(133462..134404)]
307.	ARAN	70	rps12 [complement(96494..96736)], rps12 [complement(68402..68515)], trnK-UUU [complement(1720..1754)], trnK-UUU [complement(4309..4345)], rps16 [complement(5197..5381)], rps16 [complement(6258..6297)], rpoC1 [15939..16367], rpoC1 [17102..18742], atpF [26666..26810], atpF [27510..27919], trnG-UCC [complement(29945..29991)], trnG-UCC [complement(30721..30743)], ycf3 [complement(41811..41963)], ycf3 [complement(42699..42926)], ycf3 [complement(43629..43754)], trnL-UAA [46545..46581], trnL-UAA [47006..47055], trnV-UAC [complement(51008..51044)], trnV-UAC [complement(51617..51654)], rps12 [136989..137231], clpP [complement(68670..68897)], clpP [complement(69504..69795)], clpP [complement(70593..70663)], petB [73585..73590], petB [74338..74979], petD [75168..75175], petD [75851..76325], rpl16 [complement(79776..80174)], rpl16	trnK-UUU [complement(1755..4308)], rps16 [complement(5382..6257)], rpoC1 [16368..17101], atpF [26811..27509], trnG-UCC [complement(29992..30720)], ycf3 [complement(41964..42698)], ycf3 [complement(42927..43628)], trnL-UAA [46582..47005], trnV-UAC [complement(51045..51616)], clpP [complement(68898..69503)], clpP [complement(69796..70592)], petB [73591..74337], petD [75176..75850], rpl16 [complement(80175..81189)], rpl2 [complement(83322..83983)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(81190..81198)], rpl2 [complement(82887..83321)], rpl2 [complement(83984..84376)], ndhB [complement(92925..93680)], ndhB [complement(94351..95127)], trnI-GAU [100651..100692], trnI-GAU [101470..101504], trnA-UGC [101569..101606], trnA-UGC [102419..102453], ndhA [complement(117420..117958)], ndhA [complement(119026..119578)], trnA-UGC [complement(131272..131306)], trnA-UGC [complement(132119..132156)], trnI-GAU [complement(132221..132255)], trnI-GAU [complement(133033..133074)], ndhB [138598..139374], ndhB [140045..140800], rpl2 [149349..149741], rpl2 [150404..150838]	[complement(93681..94350)], trnI-GAU [100693..101469], trnA-UGC [101607..102418], ndhA [complement(117959..119025)], trnA-UGC [complement(131307..132118)], trnI-GAU [complement(132256..133032)], ndhB [139375..140044], rpl2 [149742..150403]
308.	ARAP	52	rps12 [complement(92060..92088)], rps12 [complement(92629..92860)], rps12 [complement(69986..70099)], trnK [complement(1377..1409)], trnK [complement(3925..3962)], trnG [complement(13571..13618)], trnG [complement(14292..14314)], atpF [35254..35412], atpF [36241..36648], ycf3 [complement(44419..44577)], ycf3 [complement(45302..45529)], ycf3 [complement(46272..46403)], trnL [49169..49203], trnL [49744..49793], trnV [complement(53232..53268)], trnV [complement(53865..53903)], rps12 [129910..130141], rps12 [130682..130710], rpl2 [complement(83809..84240)], rpl2 [complement(84901..85293)], trnI [96685..96726], trnI [97673..97707], trnA [97773..97810], trnA [98622..98656], ndhA [complement(114625..115164)], ndhA [complement(116199..116747)], trnA [complement(124114..124148)], trnA [complement(124960..124997)], trnI [complement(125063..125097)], trnI [complement(126044..126085)], rpl2 [137477..137869], rpl2 [138530..138961]	trnK [complement(1410..3924)], rps16 [complement(4737..5565)], trnG [complement(13619..14291)], atpF [35413..36240], ycf3 [complement(44578..45301)], ycf3 [complement(45530..46271)], trnL [49204..49743], trnV [complement(53269..53864)], petB [73834..74590], petD [75485..76233], rpl16 [complement(80731..81818)], rpl2 [complement(84241..84900)], ndhB [complement(89743..90454)], trnI [96727..97672], trnA [97811..98621], ndhA [complement(115165..116198)], trnA [complement(124149..124959)], trnI [complement(125098..126043)], ndhB [132316..133027], rpl2 [137870..138529]
309.	ARAR	70	rps12 [complement(98264..98289)], rps12 [complement(98827..99058)], rps12 [complement(69911..70024)], trnK [complement(1687..1721)], trnK [complement(4275..4311)], rps16 [complement(4987..5213)], rps16 [complement(6108..6147)], trnG [8499..8521], trnG [9237..9285], atpF [complement(11391..11800)], atpF [complement(12525..12669)], rpoC1 [complement(20108..21718)], rpoC1 [complement(22524..22955)], ycf3	trnK [complement(1722..4274)], rps16 [complement(5214..6107)], trnG [8522..9236], atpF [complement(11801..12524)], rpoC1 [complement(21719..22523)], ycf3 [complement(42630..43420)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42477..42629)], ycf3 [complement(43421..43648)], trnL [46906..46940], trnL [47447..47496], trnV [complement(51393..51427)], trnV [complement(52027..52065)], rps12 [140278..140509], rps12 [141047..141072], clpP [complement(70204..70431)], clpP [complement(70994..71285)], clpP [complement(72170..72240)], petB [75196..75201], petB [75995..76636], petD [76825..76832], petD [77536..78010], rpl16 [complement(81473..81871)], rpl16 [complement(82938..82946)], rpl2 [complement(84631..85065)], rpl2 [complement(85748..86137)], ndhB [complement(95211..95972)], ndhB [complement(96658..97065)], trnI [103078..103114], trnI [103844..103878], trnA [103943..103980], trnA [104782..104816], ndhA [complement(120239..120768)], ndhA [complement(121838..122390)], trnA [complement(134520..134554)], trnA [complement(135356..135394)], trnI [complement(135458..135492)], trnI [complement(136222..136258)], ndhB [142271..142678], ndhB [143364..144125], rpl2 [153199..153588], rpl2 [154271..154705]	[46941..47446], trnV [complement(51428..52026)], clpP [complement(70432..70993)], clpP [complement(71286..72169)], petB [75202..75994], petD [76833..77535], rpl16 [complement(81872..82937)], rpl2 [complement(85066..85747)], ndhB [complement(95973..96657)], trnI [103115..103843], trnA [103981..104781], ndhA [complement(120769..121837)], trnA [complement(134555..135355)], trnI [complement(135493..136221)], ndhB [142679..143363], rpl2 [153589..154270]
310.	ARAS	28	rps12 [complement(97576..97818)], rps12 [complement(69222..69335)], trnK-UUU [complement(1566..1595)], trnK-UUU [complement(4132..4168)], ycf3 [complement(43054..43283)], rps12 [137975..138217]	trnK-UUU [complement(1596..4131)], rps16 [complement(5200..6097)], rpoC1 [16369..17098], atpF [26823..27537], trnG-UCC [complement(30031..30763)], ycf3 [complement(42309..43053)], ycf3 [complement(43284..43966)], trnL-UAA [47029..47466], trnV-UAC [complement(50992..51564)], clpP [complement(69758..70372)], clpP [complement(70664..71474)], petB [74510..75287], petD [76124..76849], rpl2 [complement(84358..85028)], ndhB [complement(94757..95430)], trnI-GAU [101770..102546], trnA-UGC [102684..103494], ndhA [115802..116863], trnA-UGC [complement(132299..133109)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnI-GAU [complement(133247..134023)], ndhB [140363..141036], rpl2 [150766..151436]
311.	ARAU	25	trnK-UUU [complement(2465..2493)], trnK-UUU [complement(4944..4980)], trnG-UCC [complement(11320..11342)], trnG-UCC [complement(12109..12155)], trnL-UAA [50179..50213], trnL-UAA [50673..50757], trnV-UAC [complement(56079..56117)], trnV-UAC [complement(56663..56700)], rps12 [complement(76144..76257)], rps12 [129509..129742], rps12 [130295..130321]	trnK-UUU [complement(2494..4943)], trnG-UCC [complement(11343..12108)], atpF [complement(14633..15372)], rpoC1 [complement(24534..25266)], ycf3 [complement(45775..46490)], ycf3 [complement(46706..47415)], trnL-UAA [50214..50672], trnV-UAC [complement(56118..56662)], petB [80900..81660], petD [82536..83177], rpl16 [complement(87586..88486)], rpl2 [complement(90535..91234)], ndhA [104290..105046], ndhB [132616..133326]
312.	ARCA	73	rps12 [complement(101863..101888)], rps12 [complement(102431..102659)], rps12 [complement(72815..72928)], trnK-UUU [complement(1393..1428)], trnK-UUU [complement(4144..4180)], rps16 [complement(4926..5152)], rps16 [complement(6035..6074)], trnG-UCC [9920..9942], trnG-UCC [10637..10684], atpF [complement(12626..13036)], atpF [complement(13880..13975)], rpoC1 [complement(21792..23412)], rpoC1 [complement(24164..24591)], ycf3 [complement(43503..43663)], ycf3 [complement(44398..44625)], ycf3 [complement(45342..45465)], trnL-UAA [48716..48750], trnL-UAA [49266..49315], trnV-UAC [complement(54110..54146)], trnV-UAC [complement(54742..54780)], rps12 [complement(72815..72928)], rps12 [144580..144808], rps12 [145351..145376], clpP [complement(73064..73315)], clpP [complement(73963..74254)], clpP [complement(75072..75142)], petB [78041..78046], petB [78828..79475], petD [79669..79676], petD [80409..80922], rpl16 [complement(84398..84796)], rpl16 [complement(86184..86192)], rpl2 [complement(88131..88562)], rpl2 [complement(89225..89614)], ndhB [complement(98789..99544)], ndhB	trnK-UUU [complement(1429..4143)], rps16 [complement(5153..6034)], trnG-UCC [9943..10636], atpF [complement(13037..13879)], rpoC1 [complement(23413..24163)], ycf3 [complement(43664..44397)], ycf3 [complement(44626..45341)], trnL-UAA [48751..49265], trnV-UAC [complement(54147..54741)], clpP [complement(73316..73962)], clpP [complement(74255..75071)], petB [78047..78827], petD [79677..80408], rpl16 [complement(84797..86183)], rpl2 [complement(88563..89224)], ndhB [complement(99545..100248)], trnI-GAU [106680..107616], trnA-UGC [107754..108559], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(100249..101025)], trnI-GAU [106638..106679], trnI-GAU [107617..107651], trnA-UGC [107716..107753], trnA-UGC [108560..108594], ndhA [complement(124115..124653)], ndhA [complement(125767..126319)], trnA-UGC [complement(138645..138679)], trnA-UGC [complement(139486..139523)], trnI-GAU [complement(139588..139622)], trnI-GAU [complement(140560..140601)], ndhB [146214..146990], ndhB [147695..148450], rpl2 [157625..158014], rpl2 [158677..159108]	[complement(124654..125766)], trnA-UGC [complement(138680..139485)], trnI-GAU [complement(139623..140559)], ndhB [146991..147694], rpl2 [158015..158676]
313.	ARCD	69	rps12 [complement(99071..99096)], rps12 [complement(99633..99864)], rps12 [complement(71667..71780)], trnK-UUU [complement(1752..1787)], trnK-UUU [complement(4301..4337)], rps16 [complement(5219..5415)], rps16 [complement(6300..6339)], trnG-UCC [10150..10172], trnG-UCC [10876..10923], atpF [complement(12843..13313)], atpF [complement(13977..14135)], ycf3 [complement(44557..44709)], ycf3 [complement(45459..45688)], ycf3 [complement(46405..46528)], trnL-UAA [49499..49535], trnL-UAA [50033..50081], trnV-UAC [complement(53582..53618)], trnV-UAC [complement(54196..54234)], rps12 [142325..142556], rps12 [143093..143118], clpP [complement(71924..72151)], clpP [complement(72791..73082)], clpP [complement(73851..73921)], petB [76856..76861], petB [77646..78287], petD [78467..78474], petD [79229..79703], rpl16 [complement(83167..83565)], rpl16 [complement(84511..84519)], rpl2 [complement(86202..86635)], rpl2 [complement(87296..87686)], ndhB [complement(96042..96797)], ndhB [complement(97476..98252)], trnI-GAU [103784..103825], trnI-GAU [104766..104800], trnA-UGC [104865..104902], trnA-UGC [105711..105745], ndhA [complement(121979..122518)], ndhA [complement(123598..124149)], trnA-UGC [complement(136444..136478)], trnA-UGC [complement(137287..137324)], trnI-GAU [complement(137389..137423)], trnI-GAU [complement(138364..138405)], ndhB [143937..144713], ndhB [145392..146147], rpl2 [154503..154893], rpl2 [155554..155987]	trnK-UUU [complement(1788..4300)], rps16 [complement(5416..6299)], trnG-UCC [10173..10875], atpF [complement(13314..13976)], ycf3 [complement(44710..45458)], ycf3 [complement(45689..46404)], trnL-UAA [49536..50032], trnV-UAC [complement(53619..54195)], clpP [complement(72152..72790)], clpP [complement(73083..73850)], petB [76862..77645], petD [78475..79228], rpl16 [complement(83566..84510)], rpl2 [complement(86636..87295)], ndhB [complement(96798..97475)], trnI-GAU [103826..104765], trnA-UGC [104903..105710], ndhA [complement(122519..123597)], trnA-UGC [complement(136479..137286)], trnI-GAU [complement(137424..138363)], ndhB [144714..145391], rpl2 [154894..155553]
314.	ARCE	70	rps12 [complement(97960..97985)], rps12 [complement(98523..98754)], rps12 [complement(69593..69706)], trnK [complement(1687..1721)], trnK [complement(4273..4309)], rps16 [complement(5007..5233)], rps16	trnK [complement(1722..4272)], rps16 [complement(5234..6129)], trnG [8495..9208], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6130..6169)], trnG [8472..8494], trnG [9209..9257], atpF [complement(11351..11760)], atpF [complement(12484..12628)], rpoC1 [complement(20096..21706)], rpoC1 [complement(22510..22941)], ycf3 [complement(42462..42614)], ycf3 [complement(43413..43640)], trnL [46893..46927], trnL [47434..47483], trnV [complement(51071..51105)], trnV [complement(51705..51743)], rps12 [139911..140142], rps12 [140680..140705], clpP [complement(69886..70113)], clpP [complement(70679..70970)], clpP [complement(71867..71937)], petB [74892..74897], petB [75691..76332], petD [76521..76528], petD [77228..77702], rpl16 [complement(81160..81558)], rpl16 [complement(82634..82642)], rpl2 [complement(84327..84761)], rpl2 [complement(85444..85833)], ndhB [complement(94907..95668)], ndhB [complement(96354..96761)], trnI [102770..102806], trnI [103536..103570], trnA [103635..103672], trnA [104474..104508], ndhA [complement(119875..120404)], ndhA [complement(121473..122025)], trnA [complement(134157..134191)], trnA [complement(134993..135031)], trnI [complement(135095..135129)], trnI [complement(135859..135895)], ndhB [141904..142311], ndhB [142997..143758], rpl2 [152832..153221], rpl2 [153904..154338]	[complement(11761..12483)], rpoC1 [complement(21707..22509)], ycf3 [complement(42615..43412)], trnL [46928..47433], trnV [complement(51106..51704)], clpP [complement(70114..70678)], clpP [complement(70971..71866)], petB [74898..75690], petD [76529..77227], rpl16 [complement(81559..82633)], rpl2 [complement(84762..85443)], ndhB [complement(95669..96353)], trnI [102807..103535], trnA [103673..104473], ndhA [complement(120405..121472)], trnA [complement(134192..134992)], trnI [complement(135130..135858)], ndhB [142312..142996], rpl2 [153222..153903]
315.	ARCN	69	rps12 [complement(99001..99025)], rps12 [complement(99562..99794)], rps12 [complement(71613..71726)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4301..4337)], rps16 [complement(5223..5417)], rps16 [complement(6305..6343)], atpF [complement(12853..13323)], atpF [complement(13987..14145)], rpoC1 [complement(21980..23605)], rpoC1 [complement(24360..24812)], ycf3 [complement(44525..44679)], ycf3 [complement(45429..45654)], ycf3 [complement(46371..46496)], trnL-UAA [49460..49496], trnL-UAA [49994..50042], trnV-UAC [complement(53543..53579)], trnV-UAC [complement(54157..54195)], rps12 [142255..142487], rps12 [143024..143048], clpP [complement(71870..72097)], clpP [complement(72737..73027)], clpP [complement(73798..73866)], petB [76801..76806], petB [77591..78232], petD [78412..78420], petD [79175..79648], rpl16 [complement(83113..83511)], rpl16	trnK-UUU [complement(1788..4300)], rps16 [complement(5418..6304)], atpF [complement(13324..13986)], rpoC1 [complement(23606..24359)], ycf3 [complement(44680..45428)], ycf3 [complement(45655..46370)], trnL-UAA [49497..49993], trnV-UAC [complement(53580..54156)], clpP [complement(72098..72736)], clpP [complement(73028..73797)], petB [76807..77590], petD [78421..79174], rpl16 [complement(83512..84458)], rpl2 [complement(86585..87241)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84459..84467)], rpl2 [complement(86150..86584)], rpl2 [complement(87242..87634)], ndhB [complement(95972..96727)], ndhB [complement(97406..98182)], trnI-GAU [103714..103755], trnI-GAU [104696..104730], trnA-UGC [104795..104832], trnA-UGC [105641..105675], ndhA [118000..118550], ndhA [119630..120170], trnA-UGC [complement(136374..136408)], trnA-UGC [complement(137217..137254)], trnI-GAU [complement(137319..137353)], trnI-GAU [complement(138294..138335)], ndhB [143867..144643], ndhB [145322..146077], rpl2 [154415..154807], rpl2 [155465..155899]	[complement(96728..97405)], trnI-GAU [103756..104695], trnA-UGC [104833..105640], ndhA [118551..119629], trnA-UGC [complement(136409..137216)], trnI-GAU [complement(137354..138293)], ndhB [144644..145321], rpl2 [154808..155464]
316.	ARCO	2	rps12 [complement(74935..75048)], rps12 [146856..146881]	-
317.	ARCP	72	rps12 [complement(95994..96019)], rps12 [complement(96555..96786)], rps12 [complement(68422..68535)], trnK-UUU [complement(1721..1755)], trnK-UUU [complement(4305..4341)], rps16 [complement(5191..5375)], rps16 [complement(6250..6289)], rpoC1 [15933..16364], rpoC1 [17095..18735], atpF [26651..26795], atpF [27495..27904], trnG-UCC [complement(29907..29953)], trnG-UCC [complement(30684..30706)], ycf3 [complement(41809..41961)], ycf3 [complement(42697..42924)], ycf3 [complement(43626..43751)], trnL-UAA [46544..46580], trnL-UAA [47005..47054], trnV-UAC [complement(51018..51054)], trnV-UAC [complement(51627..51664)], rps12 [137092..137323], rps12 [137859..137884], clpP [complement(68690..68917)], clpP [complement(69526..69817)], clpP [complement(70618..70685)], petB [73607..73612], petB [74359..75000], petD [75189..75196], petD [75872..76346], rpl16 [complement(79806..80204)], rpl16 [complement(81224..81232)], rpl2 [complement(82937..83371)], rpl2 [complement(84034..84426)], ndhB [complement(92975..93730)], ndhB [complement(94401..95177)], trnI-GAU [100701..100743], trnI-GAU [101519..101553], trnA-UGC [101618..101655], trnA-UGC [102468..102502], ndhA [complement(117542..118080)], ndhA [complement(119143..119695)], trnA-UGC [complement(131376..131410)], trnA-UGC [complement(132223..132260)], trnI-GAU [complement(132325..132359)], trnI-GAU [complement(133135..133177)], ndhB [138701..139477], ndhB	trnK-UUU [complement(1756..4304)], rps16 [complement(5376..6249)], rpoC1 [16365..17094], atpF [26796..27494], trnG-UCC [complement(29954..30683)], ycf3 [complement(41962..42696)], ycf3 [complement(42925..43625)], trnL-UAA [46581..47004], trnV-UAC [complement(51055..51626)], clpP [complement(68918..69525)], clpP [complement(69818..70617)], petB [73613..74358], petD [75197..75871], rpl16 [complement(80205..81223)], rpl2 [complement(83372..84033)], ndhB [complement(93731..94400)], trnI-GAU [100744..101518], trnA-UGC [101656..102467], ndhA [complement(118081..119142)], trnA-UGC [complement(131411..132222)], trnI-GAU [complement(132360..133134)], ndhB [139478..140147], rpl2 [149845..150506]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140148..140903], rpl2 [149452..149844], rpl2 [150507..150941]	
318.	ARCR	70	rps12 [complement(98142..98167)], rps12 [complement(98705..98936)], rps12 [complement(69792..69905)], trnK [complement(1682..1716)], trnK [complement(4268..4304)], rps16 [complement(4970..5196)], rps16 [complement(6092..6131)], trnG [8436..8458], trnG [9171..9219], atpF [complement(11317..11726)], atpF [complement(12451..12595)], rpoC1 [complement(20071..21681)], rpoC1 [complement(22483..22914)], ycf3 [complement(42434..42586)], ycf3 [complement(43379..43606)], trnL [46869..46903], trnL [47410..47459], trnV [complement(51294..51328)], trnV [complement(51928..51966)], rps12 [140129..140360], rps12 [140898..140923], clpP [complement(70085..70312)], clpP [complement(70854..71145)], clpP [complement(72032..72102)], petB [75059..75064], petB [75857..76498], petD [76687..76694], petD [77398..77872], rpl16 [complement(81334..81732)], rpl16 [complement(82810..82818)], rpl2 [complement(84503..84937)], rpl2 [complement(85620..86009)], ndhB [complement(95089..95850)], ndhB [complement(96536..96943)], trnI [102955..102991], trnI [103721..103755], trnA [103820..103857], trnA [104659..104693], ndhA [complement(120087..120616)], ndhA [complement(121687..122239)], trnA [complement(134372..134406)], trnA [complement(135208..135246)], trnI [complement(135310..135344)], trnI [complement(136074..136110)], ndhB [142122..142529], ndhB [143215..143976], rpl2 [153056..153445], rpl2 [154128..154562]	trnK [complement(1717..4267)], rps16 [complement(5197..6091)], trnG [8459..9170], atpF [complement(11727..12450)], rpoC1 [complement(21682..22482)], ycf3 [complement(42587..43378)], trnL [46904..47409], trnV [complement(51329..51927)], clpP [complement(70313..70853)], clpP [complement(71146..72031)], petB [75065..75856], petD [76695..77397], rpl16 [complement(81733..82809)], rpl2 [complement(84938..85619)], ndhB [complement(95851..96535)], trnI [102992..103720], trnA [103858..104658], ndhA [complement(120617..121686)], trnA [complement(134407..135207)], trnI [complement(135345..136073)], ndhB [142530..143214], rpl2 [153446..154127]
319.	ARDB	2	rps12 [complement(74856..74969)], rps12 [146091..146116]	-
320.	ARDE	64	rps12 [complement(92582..92610)], rps12 [complement(93151..93382)], rps12 [complement(69542..69655)], trnK-UUU [complement(1378..1415)], trnK-UUU [complement(3907..3944)], rps16 [complement(4290..4507)], rps16 [complement(5347..5386)], trnG-UCC [complement(13343..13390)], trnG-UCC [complement(14077..14099)], atpF [35284..35442], atpF [36260..36667], ycf3 [complement(44399..44557)], ycf3 [complement(45291..45518)], ycf3 [complement(46259..46390)], trnL-UAA [49221..49255], trnL-UAA [49707..49756], trnV-UAC [complement(53305..53341)], trnV-UAC	trnK-UUU [complement(1416..3906)], rps16 [complement(4508..5346)], trnG-UCC [complement(13391..14076)], atpF [35443..36259], ycf3 [complement(44558..45290)], ycf3 [complement(45519..46258)], trnL-UAA [49256..49706], trnV-UAC [complement(53342..53943)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53944..53982)], rps12 [130042..130273], rps12 [130814..130842], petB [73412..73417], petB [74118..74765], petD [74948..74955], petD [75696..76170], rpl16 [complement(79713..80114)], rpl16 [complement(81228..81236)], rpl2 [complement(83196..83627)], rpl2 [complement(84291..84680)], ndhB [complement(89517..90272)], ndhB [complement(90977..91753)], trnI-GAU [97271..97312], trnI-GAU [98259..98293], trnA-UGC [98359..98396], trnA-UGC [99207..99241], ndhA [complement(114671..115210)], ndhA [complement(116256..116804)], trnA-UGC [complement(124183..124217)], trnA-UGC [complement(125028..125065)], trnI-GAU [complement(125131..125165)], trnI-GAU [complement(126112..126153)], ndhB [131671..132447], ndhB [133152..133907], rpl2 [138744..139133], rpl2 [139797..140228]	[73418..74117], petD [74956..75695], rpl16 [complement(80115..81227)], rpl2 [complement(83628..84290)], ndhB [complement(90273..90976)], trnI-GAU [97313..98258], trnA-UGC [98397..99206], ndhA [complement(115211..116255)], trnA-UGC [complement(124218..125027)], trnI-GAU [complement(125166..126111)], ndhB [132448..133151], rpl2 [139134..139796]
321.	ARDO	42	rps12 [complement(91084..91323)], rps12 [complement(68878..69024)], trnK-UUU [complement(1399..1436)], trnK-UUU [complement(3937..3972)], trnS-CGA [complement(13250..13280)], trnS-CGA [complement(13943..14004)], atpF [34456..34596], atpF [35409..35834], trnL-UAA [48354..48389], trnL-UAA [48937..48987], trnV-UAC [complement(52562..52598)], trnV-UAC [complement(53195..53233)], rps12 [127794..128033], rpl2 [complement(82586..83071)], rpl2 [complement(83675..84082)], ndhB [complement(87453..88244)], ndhB [complement(88921..89697)], trnT-CGU [95150..95191], trnT-CGU [96129..96163], trnA-UGC [96229..96265], trnA-UGC [97076..97111], trnA-UGC [complement(122006..122042)], trnA-UGC [complement(122853..122888)], trnI-GAU [complement(122954..122988)], trnI-GAU [complement(123926..123967)], ndhB [129420..130196], ndhB [130876..131664], rpl2 [135035..135442], rpl2 [136046..136531]	trnK-UUU [complement(1437..3936)], trnS-CGA [complement(13281..13942)], atpF [34597..35408], trnL-UAA [48390..48936], trnV-UAC [complement(52599..53194)], rpl2 [complement(83072..83674)], ndhB [complement(88245..88920)], trnT-CGU [95192..96128], trnA-UGC [96266..97075], trnA-UGC [complement(122043..122852)], trnI-GAU [complement(122989..123925)], ndhB [130197..130875], rpl2 [135443..136045]
322.	AREL	61	rps12 [complement(89270..89298)], rps12 [complement(89839..90070)], rps12 [complement(67305..67418)], trnK-UUU [complement(1456..1490)], trnK-UUU [complement(3971..4007)], rps16 [complement(4549..4778)], rps16 [complement(5625..5664)], trnG-UCC [complement(12748..12795)], trnG-UCC [complement(13474..13496)], atpF [32477..32621], atpF [33447..33853], ycf3 [complement(41631..41791)], ycf3 [complement(42546..42771)], ycf3	trnK-UUU [complement(1491..3970)], rps16 [complement(4779..5624)], trnG-UCC [complement(12796..13473)], atpF [32622..33446], ycf3 [complement(41792..42545)], ycf3 [complement(42772..43515)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43516..43641)], trnL [46414..46448], trnL [46785..46834], trnV-UAC [complement(50393..50429)], trnV-UAC [complement(51030..51068)], rps12 [126718..126949], rps12 [127490..127518], petB [71197..71202], petB [71965..72606], petD [72795..72802], petD [73550..74024], rpl16 [complement(77592..77993)], rpl16 [complement(79043..79051)], rpl2 [complement(81051..81481)], rpl2 [complement(82145..82535)], ndhB [complement(86202..86957)], ndhB [complement(87670..88446)], trnI-GAU [93917..93953], trnI-GAU [94759..94793], trnA-UGC [94859..94896], trnA-UGC [95708..95742], ndhA [complement(111572..112110)], ndhA [complement(113141..113690)], trnA-UGC [complement(121046..121080)], trnA-UGC [complement(121892..121929)], trnI-GAU [complement(121995..122029)], trnI-GAU [complement(122835..122871)], ndhB [128342..129118], ndhB [129831..130586]	[46449..46784], trnV-UAC [complement(50430..51029)], petB [71203..71964], petD [72803..73549], rpl16 [complement(77994..79042)], rpl2 [complement(81482..82144)], ndhB [complement(86958..87669)], trnI-GAU [93954..94758], trnA-UGC [94897..95707], ndhA [complement(112111..113140)], trnA-UGC [complement(121081..121891)], trnI-GAU [complement(122030..122834)], ndhB [129119..129830]
323.	ARFA	59	rps12 [complement(92079..92114)], rps12 [complement(92653..92883)], rps12 [complement(70007..70120)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], rps16 [complement(4521..4736)], rps16 [complement(5566..5607)], atpF [35279..35437], atpF [36264..36671], ycf3 [complement(44435..44593)], ycf3 [complement(45327..45554)], ycf3 [complement(46302..46433)], trnL-UAA [49199..49233], trnL-UAA [49774..49823], trnV-UAC [complement(53267..53303)], trnV-UAC [complement(53900..53938)], petB [73848..73853], petB [74674..75315], petD [75504..75512], petD [76267..76740], rpl16 [complement(80337..80738)], rpl16 [complement(81836..81844)], rpl2 [complement(83838..84269)], rpl2 [complement(84930..85322)], ndhB [complement(89010..89765)], ndhB [complement(90478..91254)], trnI-GAU [96708..96749], trnI-GAU [97696..97730], trnA-UGC [97796..97833], trnA-UGC [98645..98679], ndhA [complement(114794..115333)], ndhA [complement(116355..116903)], trnA-UGC [complement(124270..124304)], trnA-UGC [complement(125116..125153)], trnI-GAU [complement(125219..125253)], trnI-GAU [complement(126200..126241)], ndhB [131695..132471], ndhB [133184..133939], rpl2 [137627..138019], rpl2 [138680..139111]	trnK-UUU [complement(1410..3926)], rps16 [complement(4737..5565)], atpF [35438..36263], ycf3 [complement(44594..45326)], ycf3 [complement(45555..46301)], trnL-UAA [49234..49773], trnV-UAC [complement(53304..53899)], petB [73854..74673], petD [75513..76266], rpl16 [complement(80739..81835)], rpl2 [complement(84270..84929)], ndhB [complement(89766..90477)], trnI-GAU [96750..97695], trnA-UGC [97834..98644], ndhA [complement(115334..116354)], trnA-UGC [complement(124305..125115)], trnI-GAU [complement(125254..126199)], ndhB [132472..133183], rpl2 [138020..138679]
324.	ARFL	69	rps12 [complement(96614..96639)], rps12 [complement(97177..97408)],	trnK [complement(1851..4419)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(68148..68261)], trnK [complement(1816..1850)], trnK [complement(4420..4453)], trnG [8731..8753], trnG [9467..9515], atpF [complement(11656..12065)], atpF [complement(12795..12939)], rpoC1 [complement(20318..21928)], rpoC1 [complement(22721..23152)], ycf3 [complement(41782..41934)], ycf3 [complement(42729..42956)], ycf3 [complement(43667..43792)], trnL [46325..46359], trnL [46681..46730], trnV [complement(50141..50175)], trnV [complement(50782..50820)], rps12 [139049..139280], rps12 [139818..139843], clpP [complement(68435..68662)], clpP [complement(69225..69516)], clpP [complement(70424..70494)], petB [73448..73453], petB [74238..74879], petD [75078..75085], petD [75813..76287], rpl16 [complement(79724..80122)], rpl16 [complement(81234..81242)], rpl2 [complement(82945..83379)], rpl2 [complement(84065..84454)], ndhB [complement(93553..94314)], ndhB [complement(94994..95770)], trnI [101349..101385], trnI [102332..102366], trnA [102431..102468], trnA [103269..103303], ndhA [complement(118851..119395)], ndhA [complement(120485..121037)], trnA [complement(133154..133188)], trnA [complement(133989..134026)], trnI [complement(134091..134125)], trnI [complement(135072..135108)], ndhB [140687..141463], ndhB [142143..142904], rpl2 [152003..152392], rpl2 [153078..153512]</p>	<p>[8754..9466], atpF [complement(12066..12794)], rpoC1 [complement(21929..22720)], ycf3 [complement(41935..42728)], ycf3 [complement(42957..43666)], trnL [46360..46680], trnV [complement(50176..50781)], clpP [complement(68663..69224)], clpP [complement(69517..70423)], petB [73454..74237], petD [75086..75812], rpl16 [complement(80123..81233)], rpl2 [complement(83380..84064)], ndhB [complement(94315..94993)], trnI [101386..102331], trnA [102469..103268], ndhA [complement(119396..120484)], trnA [complement(133189..133988)], trnI [complement(134126..135071)], ndhB [141464..142142], rpl2 [152393..153077]</p>
325.	ARFR	70	<p>rps12 [complement(96453..96695)], rps12 [complement(68364..68477)], trnK-UUU [complement(1725..1759)], trnK-UUU [complement(4322..4358)], rps16 [complement(5206..5390)], rps16 [complement(6262..6301)], rpoC1 [15932..16360], rpoC1 [17094..18734], atpF [26648..26792], atpF [27490..27899], trnG-UCC [complement(29927..29973)], trnG-UCC [complement(30703..30725)], ycf3 [complement(41838..41990)], ycf3 [complement(42731..42958)], ycf3 [complement(43660..43785)], trnL-UAA [46579..46615], trnL-UAA [47038..47087], trnV-UAC [complement(51020..51056)], trnV-UAC [complement(51630..51667)], rps12 [137122..137364], clpP [complement(68626..68853)], clpP [complement(69462..69753)], clpP [complement(70551..70621)], petB [73542..73547], petB [74294..74935], petD [75124..75131], petD</p>	<p>trnK-UUU [complement(1760..4321)], rps16 [complement(5391..6261)], rpoC1 [16361..17093], atpF [26793..27489], trnG-UCC [complement(29974..30702)], ycf3 [complement(41991..42730)], ycf3 [complement(42959..43659)], trnL-UAA [46616..47037], trnV-UAC [complement(51057..51629)], clpP [complement(68854..69461)], clpP [complement(69754..70550)], petB [73548..74293], petD [75132..75811], rpl16 [complement(80140..81157)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75812..76286], rpl16 [complement(79741..80139)], rpl16 [complement(81158..81166)], rpl2 [complement(82855..83289)], rpl2 [complement(83952..84344)], ndhB [complement(92884..93639)], ndhB [complement(94310..95086)], trnI-GAU [100631..100673], trnI-GAU [101449..101483], trnA-UGC [101548..101585], trnA-UGC [102398..102432], ndhA [complement(117464..118002)], ndhA [complement(119065..119617)], trnA-UGC [complement(131385..131419)], trnA-UGC [complement(132232..132269)], trnI-GAU [complement(132334..132368)], trnI-GAU [complement(133144..133186)], ndhB [138731..139507], ndhB [140178..140933], rpl2 [149473..149865], rpl2 [150528..150962]	[complement(83290..83951)], ndhB [complement(93640..94309)], trnI-GAU [100674..101448], trnA-UGC [101586..102397], ndhA [complement(118003..119064)], trnA-UGC [complement(131420..132231)], trnI-GAU [complement(132369..133143)], ndhB [139508..140177], rpl2 [149866..150527]
326.	ARFU	72	rps12 [complement(95933..95958)], rps12 [complement(96494..96725)], rps12 [complement(68368..68481)], trnK-UUU [complement(1720..1754)], trnK-UUU [complement(4310..4346)], rps16 [complement(5196..5380)], rps16 [complement(6259..6298)], rpoC1 [15946..16377], rpoC1 [17110..18750], atpF [26668..26812], atpF [27512..27921], trnG-UCC [complement(29932..29979)], trnG-UCC [complement(30708..30730)], ycf3 [complement(41771..41923)], ycf3 [complement(42659..42886)], ycf3 [complement(43588..43713)], trnL-UAA [46494..46530], trnL-UAA [46955..47004], trnV-UAC [complement(50984..51020)], trnV-UAC [complement(51593..51630)], rps12 [137058..137289], rps12 [137825..137850], clpP [complement(68644..68871)], clpP [complement(69478..69769)], clpP [complement(70567..70637)], petB [73560..73565], petB [74313..74954], petD [75143..75150], petD [75826..76300], rpl16 [complement(79763..80161)], rpl16 [complement(81179..81187)], rpl2 [complement(82876..83310)], rpl2 [complement(83973..84365)], ndhB [complement(92914..93669)], ndhB [complement(94340..95116)], trnI-GAU [100640..100676], trnI-GAU [101459..101493], trnA-UGC [101558..101595], trnA-UGC [102408..102442], ndhA [complement(117489..118027)], ndhA [complement(119095..119647)], trnA-UGC [complement(131341..131375)], trnA-UGC [complement(132188..132225)], trnI-GAU [complement(132290..132324)], trnI-GAU [complement(133107..133143)], ndhB [138667..139443], ndhB	trnK-UUU [complement(1755..4309)], rps16 [complement(5381..6258)], rpoC1 [16378..17109], atpF [26813..27511], trnG-UCC [complement(29980..30707)], ycf3 [complement(41924..42658)], ycf3 [complement(42887..43587)], trnL-UAA [46531..46954], trnV-UAC [complement(51021..51592)], clpP [complement(68872..69477)], clpP [complement(69770..70566)], petB [73566..74312], petD [75151..75825], rpl16 [complement(80162..81178)], rpl2 [complement(83311..83972)], ndhB [complement(93670..94339)], trnI-GAU [100677..101458], trnA-UGC [101596..102407], ndhA [complement(118028..119094)], trnA-UGC [complement(131376..132187)], trnI-GAU [complement(132325..133106)], ndhB [139444..140113], rpl2 [149811..150472]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140114..140869], rpl2 [149418..149810], rpl2 [150473..150907]	
327.	ARGI	52	rps12 [complement(91464..91492)], rps12 [complement(92033..92264)], rps12 [complement(69384..69497)], trnK [complement(1377..1409)], trnK [complement(3925..3962)], trnG [13566..13613], trnG [14287..14309], atpF [35252..35410], atpF [36238..36645], ycf3 [complement(44412..44570)], ycf3 [complement(45296..45523)], ycf3 [complement(46267..46398)], trnL [49160..49194], trnL [49735..49784], trnV [complement(53233..53259)], trnV [complement(53856..53894)], rps12 [129304..129535], rps12 [130076..130104], rpl2 [complement(83220..83651)], rpl2 [complement(84312..84704)], trnI [96089..96130], trnI [97077..97111], trnA [97177..97214], trnA [98026..98060], ndhA [complement(114027..114566)], ndhA [complement(115593..116141)], trnA [complement(123508..123542)], trnA [complement(124354..124391)], trnI [complement(124457..124491)], trnI [complement(125438..125479)], rpl2 [136864..137256], rpl2 [137917..138348]	trnK [complement(1410..3924)], rps16 [complement(4737..5565)], trnG [13614..14286], atpF [35411..36237], ycf3 [complement(44571..45295)], ycf3 [complement(45524..46266)], trnL [49195..49734], trnV [complement(53260..53855)], petB [73228..73990], petD [74885..75633], rpl16 [complement(80131..81224)], rpl2 [complement(83652..84311)], ndhB [complement(89147..89858)], trnI [96131..97076], trnA [97215..98025], ndhA [complement(114567..115592)], trnA [complement(123543..124353)], trnI [complement(124492..125437)], ndhB [131710..132421], rpl2 [137257..137916]
328.	ARGM	72	rps12 [complement(96234..96259)], rps12 [complement(96795..97026)], rps12 [complement(68634..68747)], trnK-UUU [complement(1818..1852)], trnK-UUU [complement(4406..4442)], rps16 [complement(5290..5474)], rps16 [complement(6362..6401)], rpoC1 [16048..16479], rpoC1 [17209..18849], atpF [26759..26903], atpF [27603..28012], trnG-UCC [complement(30027..30073)], trnG-UCC [complement(30803..30825)], ycf3 [complement(41978..42130)], ycf3 [complement(42889..43116)], ycf3 [complement(43820..43945)], trnL-UAA [46748..46784], trnL-UAA [47209..47258], trnV-UAC [complement(51208..51244)], trnV-UAC [complement(51818..51855)], rps12 [137354..137585], rps12 [138121..138146], clpP [complement(68902..69129)], clpP [complement(69742..70033)], clpP [complement(70834..70901)], petB [73830..73835], petB [74577..75218], petD [75407..75414], petD [76095..76569], rpl16 [complement(80045..80443)], rpl16 [complement(81474..81482)], rpl2 [complement(83177..83611)], rpl2	trnK-UUU [complement(1853..4405)], rps16 [complement(5475..6361)], rpoC1 [16480..17208], atpF [26904..27602], trnG-UCC [complement(30074..30802)], ycf3 [complement(42131..42888)], ycf3 [complement(43117..43819)], trnL-UAA [46785..47208], trnV-UAC [complement(51245..51817)], clpP [complement(69130..69741)], clpP [complement(70034..70833)], petB [73836..74576], petD [75415..76094], rpl16 [complement(80444..81473)], rpl2 [complement(83612..84273)], ndhB [complement(93971..94640)], trnI-GAU [100985..101760], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84274..84666)], ndhB [complement(93215..93970)], ndhB [complement(94641..95417)], trnI-GAU [100942..100984], trnI-GAU [101761..101795], trnA-UGC [101860..101897], trnA-UGC [102710..102744], ndhA [complement(117777..118315)], ndhA [complement(119379..119931)], trnA-UGC [complement(131636..131670)], trnA-UGC [complement(132483..132520)], trnI-GAU [complement(132585..132619)], trnI-GAU [complement(133396..133438)], ndhB [138963..139739], ndhB [140410..141165], rpl2 [149714..150106], rpl2 [150769..151203]	[101898..102709], ndhA [complement(118316..119378)], trnA-UGC [complement(131671..132482)], trnI-GAU [complement(132620..133395)], ndhB [139740..140409], rpl2 [150107..150768]
329.	ARHA	69	rps12 [complement(98078..98103)], rps12 [complement(98641..98872)], rps12 [complement(69713..69826)], trnK-UUU [complement(1686..1721)], trnK-UUU [complement(4274..4310)], rps16 [complement(4979..5205)], rps16 [complement(6105..6144)], trnT-CGU [8470..8503], trnT-CGU [9214..9256], atpF [complement(11354..11763)], atpF [complement(12493..12637)], rpoC1 [complement(20117..21727)], rpoC1 [complement(22538..22969)], ycf3 [complement(42480..42632)], ycf3 [complement(43425..43652)], ycf3 [complement(44373..44498)], trnL-UAA [46927..46961], trnL-UAA [47463..47512], trnV-UAC [complement(51191..51225)], trnV-UAC [complement(51825..51863)], rps12 [140078..140309], rps12 [140847..140872], clpP [complement(70006..70233)], clpP [complement(70795..71086)], clpP [complement(71974..72044)], petB [75001..75006], petB [75799..76440], rpl16 [complement(81276..81674)], rpl16 [complement(82752..82760)], rpl2 [complement(84445..84879)], rpl2 [complement(85562..85951)], ndhB [complement(95025..95786)], ndhB [complement(96472..97248)], trnE-UUC [102892..102923], trnE-UUC [103653..103692], trnA-UGC [103757..103793], trnA-UGC [104595..104630], ndhA [complement(120060..120589)], ndhA [complement(121659..122211)], trnA-UGC [complement(134320..134355)], trnA-UGC [complement(135157..135193)], trnE-UUC [complement(135258..135297)], trnE-UUC [complement(136027..136058)], ndhB [141702..142478], ndhB [143164..143925], rpl2 [152999..153388], rpl2 [154071..154505]	trnK-UUU [complement(1722..4273)], rps16 [complement(5206..6104)], trnT-CGU [8504..9213], atpF [complement(11764..12492)], rpoC1 [complement(21728..22537)], ycf3 [complement(42633..43424)], ycf3 [complement(43653..44372)], trnL-UAA [46962..47462], trnV-UAC [complement(51226..51824)], clpP [complement(70234..70794)], clpP [complement(71087..71973)], petB [75007..75798], rpl16 [complement(81675..82751)], rpl2 [complement(84880..85561)], ndhB [complement(95787..96471)], trnE-UUC [102924..103652], trnA-UGC [103794..104594], ndhA [complement(120590..121658)], trnA-UGC [complement(134356..135156)], trnE-UUC [complement(135298..136026)], ndhB [142479..143163], rpl2 [153389..154070]
330.	ARHE	34	trnK-UUU [complement(2552..2580)], trnK-UUU [complement(5034..5070)], trnG-UCC [11425..11447], trnG-UCC [12217..12263], atpF	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(14315..14724)], atpF [complement(15465..15609)], rpoC1 [complement(22666..24626)], rpoC1 [complement(25367..25799)], ycf3 [complement(45733..45890)], ycf3 [complement(46607..46832)], ycf3 [complement(47543..47668)], trnL-UAA [50310..50344], trnL-UAA [50839..50888], trnV-UAC [complement(56182..56218)], trnV-UAC [complement(56760..56797)], rps12 [complement(76406..76519)], rps12 [130013..130247], rps12 [130796..130824], petB [81180..81185], petB [81947..82588], petD [82813..82820], petD [83461..83950], rpl16 [complement(87475..87888)], rpl16 [complement(88799..88807)], rpl2 [complement(90415..90845)], rpl2 [complement(91547..91946)], ndhA [104265..104822], ndhA [105584..106132], trnA-UGC [complement(123149..123183)], trnA-UGC [complement(123960..123997)], trnI-GAU [complement(124068..124102)], trnI-GAU [complement(125054..125090)], ndhB [132383..133105], ndhB [133821..134579]	
331.	ARHI	69	rps12 [complement(96650..96675)], rps12 [complement(97213..97444)], rps12 [complement(68173..68286)], trnK [complement(1852..1886)], trnK [complement(4453..4489)], trnG [8769..8791], trnG [9505..9553], atpF [complement(11693..12102)], atpF [complement(12815..12959)], rpoC1 [complement(20337..21947)], rpoC1 [complement(22743..23174)], ycf3 [complement(41809..41961)], ycf3 [complement(42756..42983)], ycf3 [complement(43693..43818)], trnL [46357..46391], trnL [46713..46762], trnV [complement(50184..50218)], trnV [complement(50825..50863)], rps12 [139065..139296], rps12 [139834..139859], clpP [complement(68460..68687)], clpP [complement(69250..69541)], clpP [complement(70451..70521)], petB [73475..73480], petB [74265..74906], petD [75105..75112], petD [75841..76315], rpl16 [complement(79758..80156)], rpl16 [complement(81270..81278)], rpl2 [complement(82981..83415)], rpl2 [complement(84101..84490)], ndhB [complement(93589..94350)], ndhB [complement(95030..95752)], trnI [101385..101421], trnI [102368..102402], trnA [102467..102504], trnA [103305..103339], ndhA [complement(118869..119413)], ndhA [complement(120503..121055)], trnA	trnK [complement(1887..4452)], trnG [8792..9504], atpF [complement(12103..12814)], rpoC1 [complement(21948..22742)], ycf3 [complement(41962..42755)], ycf3 [complement(42984..43692)], trnL [46392..46712], trnV [complement(50219..50824)], clpP [complement(68688..69249)], clpP [complement(69542..70450)], petB [73481..74264], petD [75113..75840], rpl16 [complement(80157..81269)], rpl2 [complement(83416..84100)], ndhB [complement(94351..95029)], trnI [101422..102367], trnA [102505..103304], ndhA [complement(119414..120502)], trnA [complement(133205..134004)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(133170..133204)], trnA [complement(134005..134042)], trnI [complement(134107..134141)], trnI [complement(135088..135124)], ndhB [140757..141479], ndhB [142159..142920], rpl2 [152019..152408], rpl2 [153094..153528]	[complement(134142..135087)], ndhB [141480..142158], rpl2 [152409..153093]
332.	ARHS	23	trnK-UUU [complement(1388..1416)], trnK-UUU [complement(3915..3952)], rps12 [130538..130566]	trnK-UUU [complement(1417..3914)], rps16 [complement(4717..5545)], trnG-UCC [complement(13657..14354)], atpF [35427..36258], ycf3 [complement(44608..45341)], ycf3 [complement(45570..46296)], trnL-UAA [49211..49661], trnV-UAC [complement(53410..54011)], petB [73202..73963], petD [74802..75529], rpl16 [complement(79966..81024)], rpl2 [complement(83425..84087)], ndhB [complement(90050..90753)], trnI-GAU [97086..98031], trnA-UGC [98170..98984], ndhA [complement(114955..116002)], trnA-UGC [complement(123941..124755)], trnI-GAU [complement(124894..125839)], ndhB [132172..132875], rpl2 [138838..139500]
333.	ARHU	62	rps12 [complement(92351..92383)], rps12 [complement(92922..93155)], rps12 [complement(70174..70287)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3951..3988)], rps16 [complement(4533..4750)], rps16 [complement(5580..5619)], trnG-UCC [complement(13545..13592)], trnG-UCC [complement(14263..14285)], atpF [35278..35436], atpF [36263..36670], ycf3 [complement(44434..44592)], ycf3 [complement(45319..45546)], ycf3 [complement(46285..46416)], trnL-UAA [49173..49207], trnL-UAA [49748..49797], trnV-UAC [complement(53245..53281)], trnV-UAC [complement(53878..53916)], petB [74080..74085], petB [74906..75553], petD [75742..75749], petD [76499..76973], rpl16 [complement(80602..81003)], rpl16 [complement(82101..82109)], rpl2 [complement(84088..84519)], rpl2	trnK-UUU [complement(1415..3950)], rps16 [complement(4751..5579)], trnG-UCC [complement(13593..14262)], atpF [35437..36262], ycf3 [complement(44593..45318)], ycf3 [complement(45547..46284)], trnL-UAA [49208..49747], trnV-UAC [complement(53282..53877)], petB [74086..74905], petD [75750..76498], rpl16 [complement(81004..82100)], rpl2 [complement(84520..85182)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85183..85584)], ndhB [complement(89282..90037)], ndhB [complement(90750..91526)], trnI-GAU [96981..97022], trnI-GAU [97969..98003], trnA-UGC [98069..98106], trnA-UGC [98918..98952], ndhA [complement(115103..115642)], ndhA [complement(116669..117217)], trnA-UGC [complement(124584..124618)], trnA-UGC [complement(125430..125467)], trnI-GAU [complement(125533..125567)], trnI-GAU [complement(126514..126555)], ndhB [132010..132786], ndhB [133499..134254], rpl2 [137952..138353], rpl2 [139017..139448]	[complement(90038..90749)], trnI-GAU [97023..97968], trnA-UGC [98107..98917], ndhA [complement(115643..116668)], trnA-UGC [complement(124619..125429)], trnI-GAU [complement(125568..126513)], ndhB [132787..133498], rpl2 [138354..139016]
334.	ARHY	55	rps12 [complement(100180..100422)], rps12 [complement(70540..70653)], trnK-UUU [complement(1759..1787)], trnK-UUU [complement(4313..4349)], trnV-UAC [9630..9668], trnV-UAC [10256..10292], trnL-UAA [complement(13581..13630)], trnL-UAA [complement(14197..14233)], ycf3 [16687..16812], ycf3 [17530..17757], ycf3 [18484..18633], rpoC1 [38812..39246], rpoC1 [40015..41640], atpF [49965..50123], atpF [50906..51298], rps12 [141916..142158], clpP [complement(70844..71074)], clpP [complement(71671..71961)], clpP [complement(72763..72831)], rpl2 [complement(86007..86438)], rpl2 [complement(87116..87505)], trnI-GAU [104409..104450], trnI-GAU [105399..105433], ycf68 [104550..104591], ycf68 [104620..104937], trnA-UGC [105493..105530], trnA-UGC [106326..106360], ndhA [complement(121361..121900)], ndhA [complement(123236..123787)], trnA-UGC [complement(135978..136012)], trnA-UGC [complement(136808..136845)], trnI-GAU [complement(136905..136939)], trnI-GAU [complement(137888..137929)], ycf68 [complement(137401..137718)], ycf68 [complement(137747..137788)], rpl2 [154833..155222], rpl2 [155897..156331]	trnK-UUU [complement(1788..4312)], trnV-UAC [9669..10255], trnL-UAA [complement(13631..14196)], ycf3 [16813..17529], ycf3 [17758..18483], rpoC1 [39247..40014], atpF [50124..50905], clpP [complement(71075..71670)], clpP [complement(71962..72762)], rpl2 [complement(86439..87115)], trnI-GAU [104451..105398], ycf68 [104592..104619], trnA-UGC [105531..106325], ndhA [complement(121901..123235)], trnA-UGC [complement(136013..136807)], trnI-GAU [complement(136940..137887)], ycf68 [complement(137719..137746)], rpl2 [155223..155896]
335.	ARKA	26	rps12 [complement(102857..102882)], rps12 [complement(74095..74208)], rps12 [145621..145646]	trnK-UUU [complement(1494..4045)], rps16 [complement(5042..5883)], trnG-UCC [8783..9546], atpF [complement(12024..12803)], rpoC1 [complement(22815..23579)], ycf3 [complement(45007..45758)], ycf3 [complement(45985..46796)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[50194..50648], trnV-UAC [complement(55246..55832)], clpP [complement(74594..75264)], clpP [complement(75560..76459)], petB [80017..80231], petD [81085..81786], rpl16 [complement(86134..87234)], rpl2 [complement(89443..90142)], ndhB [complement(100530..101231)], trnI-GAU [107624..108559], trnA-UGC [108697..109500], ndhA [complement(124861..125957)], trnA-UGC [complement(139004..139806)], trnI-GAU [complement(139944..140879)], ndhB [147272..147973], rpl2 [158361..159060]
336.	ARKU	27	rps12 [complement(103284..103309)], rps12 [complement(74520..74633)], rps12 [145283..145514], rps12 [146051..146076]	trnK-UUU [complement(1516..4089)], rps16 [complement(5196..6037)], trnG-UCC [8881..9643], atpF [complement(12211..13002)], rpoC1 [complement(23083..23844)], ycf3 [complement(45307..46051)], ycf3 [complement(46278..47148)], trnL-UAA [50614..51067], trnV-UAC [complement(55766..56352)], clpP [complement(75026..75699)], clpP [complement(75988..76899)], petB [80457..80671], petD [81523..82224], rpl16 [complement(86575..87666)], rpl2 [complement(89869..90568)], ndhB [complement(100956..101658)], trnI-GAU [108057..108992], trnA-UGC [109130..109933], ndhA [complement(125278..126372)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(139428..140230)], trnI-GAU [complement(140368..141303)], ndhB [147702..148404], rpl2 [158792..159491]
337.	ARLA	23	trnK-UUU [complement(1388..1416)], trnK-UUU [complement(3911..3948)], rps12 [130408..130436]	trnK-UUU [complement(1417..3910)], rps16 [complement(4712..5546)], trnG-UCC [complement(13673..14370)], atpF [35369..36200], ycf3 [complement(44522..45255)], ycf3 [complement(45484..46210)], trnL-UAA [49116..49566], trnV-UAC [complement(53294..53895)], petB [73089..73851], petD [74682..75409], rpl16 [complement(79845..80921)], rpl2 [complement(83321..83983)], ndhB [complement(89950..90653)], trnI-GAU [96986..97931], trnA-UGC [98070..98884], ndhA [complement(114846..115871)], trnA-UGC [complement(123811..124625)], trnI-GAU [complement(124764..125709)], ndhB [132042..132745], rpl2 [138712..139374]
338.	ARLP	22	rps12 [complement(97521..97763)], rps12 [complement(69314..69442)]	trnK-UUU [complement(1776..4325)], rps16 [complement(5371..6211)], rpoC1 [16151..16884], atpF [26600..27306], trnG-UCC [complement(29782..30488)], ycf3 [complement(41843..42582)], ycf3 [complement(42811..43500)], trnL-UAA [46538..46977], trnV-UAC [complement(51000..51573)], clpP [complement(69826..70441)], clpP [complement(70734..71537)], rpl2 [complement(84314..84975)], ndhB [complement(94714..95383)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101742..102676], trnA-UGC [102814..103634], ndhA [complement(119320..120377)], trnA-UGC [complement(132839..133659)], trnI-GAU [complement(133797..134731)], ndhB [141090..141759], rpl2 [151498..152159]
339.	ARLU	26	rps12 [complement(77193..77306)], trnK-UUU [complement(1784..1818)], trnK-UUU [complement(4376..4412)], trnG-UCC [10711..10733], trnG-UCC [11457..11504], trnL-UAA [53563..53597], trnL-UAA [54145..54194], trnV- UAC [complement(57696..57732)], trnV-UAC [complement(58348..58386)], rps12 [163136..163161], trnI-GAU [110782..110818], trnI-GAU [111772..111806], trnA-UGC [111871..111908], trnA-UGC [112711..112745], trnA-UGC [complement(156445..156479)], trnA-UGC [complement(157282..157319)], trnI-GAU [complement(157384..157418)], trnI-GAU [complement(158372..158408)]	trnK-UUU [complement(1819..4375)], trnG- UCC [10734..11456], trnL-UAA [53598..54144], trnV-UAC [complement(57733..58347)], trnI-GAU [110819..111771], trnA-UGC [111909..112710], trnA-UGC [complement(156480..157281)], trnI-GAU [complement(157419..158371)]
340.	ARLY	69	rps12 [complement(98071..98096)], rps12 [complement(98634..98865)], rps12 [complement(69716..69829)], trnK-UUU [complement(1692..1727)], trnK-UUU [complement(4284..4320)], rps16 [complement(4989..5215)], rps16 [complement(6111..6150)], trnT-CGU [8453..8486], trnT-CGU [9197..9239], atpF [complement(11337..11746)], atpF [complement(12471..12615)], rpoC1 [complement(20089..21699)], rpoC1 [complement(22490..22921)], ycf3 [complement(42433..42585)], ycf3 [complement(43380..43607)], ycf3 [complement(44334..44459)], trnL-UAA [46854..46888], trnL-UAA [47395..47444], trnV-UAC [complement(51188..51222)], trnV-UAC [complement(51822..51860)], rps12 [140085..140316], rps12 [140854..140879], clpP [complement(70009..70236)], clpP [complement(70798..71089)], clpP [complement(71975..72045)], petB [75000..75005], petB [75799..76440], rpl16 [complement(81277..81675)], rpl16 [complement(82745..82753)], rpl2 [complement(84438..84872)], rpl2 [complement(85555..85944)], ndhB [complement(95018..95779)], ndhB [complement(96465..97241)], trnE-UUC [102885..102916], trnE-UUC [103646..103685], trnA-UGC [103750..103786], trnA-UGC [104588..104623],	trnK-UUU [complement(1728..4283)], rps16 [complement(5216..6110)], trnT-CGU [8487..9196], atpF [complement(11747..12470)], rpoC1 [complement(21700..22489)], ycf3 [complement(42586..43379)], ycf3 [complement(43608..44333)], trnL-UAA [46889..47394], trnV-UAC [complement(51223..51821)], clpP [complement(70237..70797)], clpP [complement(71090..71974)], petB [75006..75798], rpl16 [complement(81676..82744)], rpl2 [complement(84873..85554)], ndhB [complement(95780..96464)], trnE-UUC [102917..103645], trnA-UGC [103787..104587], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(120044..120573)], ndhA [complement(121648..122200)], trnA-UGC [complement(134327..134362)], trnA-UGC [complement(135164..135200)], trnE-UUC [complement(135265..135304)], trnE-UUC [complement(136034..136065)], ndhB [141709..142485], ndhB [143171..143932], rpl2 [153006..153395], rpl2 [154078..154512]	[complement(120574..121647)], trnA-UGC [complement(134363..135163)], trnE-UUC [complement(135305..136033)], ndhB [142486..143170], rpl2 [153396..154077]
341.	ARM A	26	rps12 [complement(103740..103765)], rps12 [complement(74958..75071)], rps12 [146517..146542]	trnK-UUU [complement(1497..4054)], rps16 [complement(5192..6027)], trnG-UCC [8976..9730], atpF [complement(12213..12990)], rpoC1 [complement(22981..23768)], ycf3 [complement(45232..45988)], ycf3 [complement(46215..47106)], trnL-UAA [50690..51164], trnV-UAC [complement(55930..56518)], clpP [complement(75470..76133)], clpP [complement(76422..77349)], petB [80912..81126], petD [81979..82684], rpl16 [complement(87037..88131)], rpl2 [complement(90347..91046)], ndhB [complement(101413..102114)], trnI-GAU [108507..109442], trnA-UGC [109580..110383], ndhA [complement(125725..126808)], trnA-UGC [complement(139900..140702)], trnI-GAU [complement(140840..141775)], ndhB [148168..148869], rpl2 [159236..159935]
342.	ARMI	23	trnK-UUU [complement(1388..1416)], trnK-UUU [complement(3928..3965)], rps12 [129873..129901]	trnK-UUU [complement(1417..3927)], rps16 [complement(4744..5583)], trnG-UCC [complement(13696..14393)], atpF [34860..35689], ycf3 [complement(44011..44740)], ycf3 [complement(44969..45700)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[48571..49021], trnV-UAC [complement(52799..53400)], petB [72548..73308], petD [74147..74886], rpl16 [complement(79353..80389)], rpl2 [complement(82790..83452)], ndhB [complement(89425..90133)], trnI-GAU [96467..97412], trnA-UGC [97551..98360], ndhA [complement(114306..115331)], trnA- UGC [complement(123281..124090)], trnI- GAU [complement(124229..125174)], ndhB [131508..132216], rpl2 [138189..138851]
343.	ARM L	26	rps12 [complement(103479..103710)], rps12 [complement(74154..74267)], rps12 [145662..145687]	trnK-UUU [complement(1491..4052)], rps16 [complement(5041..5888)], trnG-UCC [8779..9542], atpF [complement(12020..12791)], rpoC1 [complement(22824..23585)], ycf3 [complement(45029..45781)], ycf3 [complement(46008..46827)], trnL-UAA [50212..50666], trnV-UAC [complement(55263..55849)], clpP [complement(74653..75324)], clpP [complement(75620..76516)], petB [80074..80288], petD [81140..81841], rpl16 [complement(86200..87297)], rpl2 [complement(89506..90205)], ndhB [complement(100593..101294)], trnI-GAU [107687..108622], trnA-UGC [108760..109563], ndhA [complement(124902..125998)], trnA-UGC [complement(139045..139847)], trnI-GAU [complement(139985..140920)], ndhB [147313..148014], rpl2 [158402..159101]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
344.	ARM O	69	trnK-UUU [complement(1728..1762)], trnK-UUU [complement(4329..4365)], rps16 [complement(5212..5396)], rps16 [complement(6272..6311)], rpoC1 [15981..16409], rpoC1 [17142..18782], atpF [26683..26827], atpF [27527..27936], trnG-UCC [complement(29941..29987)], trnG-UCC [complement(30717..30739)], ycf3 [complement(41842..41994)], ycf3 [complement(42735..42962)], ycf3 [complement(43666..43791)], trnL-UAA [46581..46617], trnL-UAA [47036..47085], trnV-UAC [complement(51035..51071)], trnV-UAC [complement(51645..51682)], rps12 [complement(68454..68567)], rps12 [137166..137408], clpP [complement(68722..68949)], clpP [complement(69562..69853)], clpP [complement(70651..70721)], petB [73642..73647], petB [74394..75035], petD [75224..75231], petD [75907..76381], rpl16 [complement(79841..80239)], rpl16 [complement(81278..81286)], rpl2 [complement(82989..83423)], rpl2 [complement(84086..84478)], ndhB [complement(93027..93782)], ndhB [complement(94453..95229)], trnI-GAU [100753..100795], trnI-GAU [101571..101605], trnA-UGC [101670..101707], trnA-UGC [102520..102554], ndhA [complement(117569..118107)], ndhA [complement(119184..119736)], trnA-UGC [complement(131450..131484)], trnA-UGC [complement(132297..132334)], trnI-GAU [complement(132399..132433)], trnI-GAU [complement(133209..133251)], ndhB [138775..139551], ndhB [140222..140977], rpl2 [149526..149918], rpl2 [150581..151015]	trnK-UUU [complement(1763..4328)], rps16 [complement(5397..6271)], rpoC1 [16410..17141], atpF [26828..27526], trnG-UCC [complement(29988..30716)], ycf3 [complement(41995..42734)], ycf3 [complement(42963..43665)], trnL-UAA [46618..47035], trnV-UAC [complement(51072..51644)], clpP [complement(68950..69561)], clpP [complement(69854..70650)], petB [73648..74393], petD [75232..75906], rpl16 [complement(80240..81277)], rpl2 [complement(83424..84085)], ndhB [complement(93783..94452)], trnI-GAU [100796..101570], trnA-UGC [101708..102519], ndhA [complement(118108..119183)], trnA-UGC [complement(131485..132296)], trnI-GAU [complement(132434..133208)], ndhB [139552..140221], rpl2 [149919..150580]
345.	ARM R	72	rps12 [complement(95974..95999)], rps12 [complement(96535..96766)], rps12 [complement(68407..68520)], trnK-UUU [complement(1728..1762)], trnK-UUU [complement(4305..4341)], rps16 [complement(5190..5374)], rps16 [complement(6246..6285)], rpoC1 [15929..16357], rpoC1 [17091..18731], atpF [26648..26792], atpF [27492..27901], trnG-UCC [complement(29929..29975)], trnG-UCC [complement(30705..30727)], ycf3 [complement(41773..41925)], ycf3 [complement(42666..42893)], ycf3 [complement(43596..43721)], trnL-UAA [46514..46550], trnL-UAA [46975..47024], trnV-UAC [complement(50996..51032)], trnV-UAC [complement(51604..51641)], rps12 [137097..137328], rps12 [137864..137889], clpP [complement(68675..68902)], clpP	trnK-UUU [complement(1763..4304)], rps16 [complement(5375..6245)], rpoC1 [16358..17090], atpF [26793..27491], trnG-UCC [complement(29976..30704)], ycf3 [complement(41926..42665)], ycf3 [complement(42894..43595)], trnL-UAA [46551..46974], trnV-UAC [complement(51033..51603)], clpP [complement(68903..69511)], clpP [complement(69804..70601)], petB [73598..74332], petD [75183..75857], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(69512..69803)], clpP [complement(70602..70672)], petB [73592..73597], petB [74333..74986], petD [75175..75182], petD [75858..76332], rpl16 [complement(79786..80184)], rpl16 [complement(81204..81212)], rpl2 [complement(82917..83351)], rpl2 [complement(84014..84406)], ndhB [complement(92955..93710)], ndhB [complement(94381..95157)], trnI-GAU [100681..100722], trnI-GAU [101498..101532], trnA-UGC [101597..101634], trnA-UGC [102447..102481], ndhA [complement(117542..118080)], ndhA [complement(119147..119699)], trnA-UGC [complement(131382..131416)], trnA-UGC [complement(132229..132266)], trnI [complement(132331..132365)], trnI [complement(133146..133182)], ndhB [138706..139482], ndhB [140153..140908], rpl2 [149457..149849], rpl2 [150512..150946]	[complement(80185..81203)], rpl2 [complement(83352..84013)], ndhB [complement(93711..94380)], trnI-GAU [100723..101497], trnA-UGC [101635..102446], ndhA [complement(118081..119146)], trnA-UGC [complement(131417..132228)], trnI [complement(132366..133145)], ndhB [139483..140152], rpl2 [149850..150511]
346.	ARM U	27	rps12 [complement(102628..102653)], rps12 [complement(73850..73963)], rps12 [145374..145399], petB [79993..80634]	trnK-UUU [complement(1509..4075)], rps16 [complement(5149..5987)], trnG-UCC [8859..9616], atpF [complement(12171..12959)], rpoC1 [complement(22974..23737)], ycf3 [complement(44650..45395)], ycf3 [complement(45622..46541)], trnL-UAA [50021..50482], trnV-UAC [complement(55108..55694)], clpP [complement(74356..75024)], clpP [complement(75313..76221)], petB [79778..79992], petD [80842..81549], rpl16 [complement(85905..87004)], rpl2 [complement(89213..89912)], ndhB [complement(100300..101002)], trnI-GAU [107402..108337], trnA-UGC [108475..109278], ndhA [complement(124598..125698)], trnA-UGC [complement(138750..139552)], trnI-GAU [complement(139690..140625)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[147025..147727], rpl2 [158115..158814]
347.	ARNE	70	rps12 [complement(98197..98222)], rps12 [complement(98760..98991)], rps12 [complement(69843..69956)], trnK [complement(1685..1719)], trnK [complement(4273..4309)], rps16 [complement(4985..5211)], rps16 [complement(6106..6145)], trnG [8499..8521], trnG [9236..9284], atpF [complement(11390..11799)], atpF [complement(12524..12668)], rpoC1 [complement(20107..21717)], rpoC1 [complement(22521..22952)], ycf3 [complement(42473..42625)], ycf3 [complement(43417..43644)], trnL [46898..46932], trnL [47439..47488], trnV [complement(51317..51351)], trnV [complement(51951..51989)], rps12 [140206..140437], rps12 [140975..141000], clpP [complement(70136..70363)], clpP [complement(70926..71217)], clpP [complement(72102..72172)], petB [75128..75133], petB [75927..76568], petD [76757..76764], petD [77468..77942], rpl16 [complement(81405..81803)], rpl16 [complement(82871..82879)], rpl2 [complement(84564..84998)], rpl2 [complement(85681..86070)], ndhB [complement(95144..95905)], ndhB [complement(96591..96998)], trnI [103010..103046], trnI [103776..103810], trnA [103875..103912], trnA [104714..104748], ndhA [complement(120168..120697)], ndhA [complement(121767..122319)], trnA [complement(134449..134483)], trnA [complement(135285..135323)], trnI [complement(135387..135421)], trnI [complement(136151..136187)], ndhB [142199..142606], ndhB [143292..144053], rpl2 [153127..153516], rpl2 [154199..154633]	trnK [complement(1720..4272)], rps16 [complement(5212..6105)], trnG [8522..9235], atpF [complement(11800..12523)], rpoC1 [complement(21718..22520)], ycf3 [complement(42626..43416)], trnL [46933..47438], trnV [complement(51352..51950)], clpP [complement(70364..70925)], clpP [complement(71218..72101)], petB [75134..75926], petD [76765..77467], rpl16 [complement(81804..82870)], rpl2 [complement(84999..85680)], ndhB [complement(95906..96590)], trnI [103047..103775], trnA [103913..104713], ndhA [complement(120698..121766)], trnA [complement(134484..135284)], trnI [complement(135422..136150)], ndhB [142607..143291], rpl2 [153517..154198]
348.	ARPE	70	rps12 [complement(98284..98309)], rps12 [complement(98847..99078)], rps12 [complement(69887..70000)], trnK [complement(1697..1731)], trnK [complement(4290..4326)], rps16 [complement(5030..5256)], rps16 [complement(6170..6209)], trnG [8591..8613], trnG [9328..9376], atpF [complement(11481..11890)], atpF [complement(12615..12759)], rpoC1 [complement(20253..21863)], rpoC1 [complement(22690..23121)], ycf3 [complement(42658..42810)], ycf3 [complement(43607..43834)], trnL [47077..47111], trnL [47618..47667], trnV [complement(51363..51397)], trnV [complement(51997..52035)], rps12 [140296..140527], rps12	trnK [complement(1732..4289)], rps16 [complement(5257..6169)], trnG [8614..9327], atpF [complement(11891..12614)], rpoC1 [complement(21864..22689)], ycf3 [complement(42811..43606)], trnL [47112..47617], trnV [complement(51398..51996)], clpP [complement(70408..70969)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141065..141090], clpP [complement(70180..70407)], clpP [complement(70970..71261)], clpP [complement(72165..72235)], petB [75186..75191], petB [75985..76626], petD [76815..76822], petD [77526..78000], rpl16 [complement(81483..81881)], rpl16 [complement(82952..82960)], rpl2 [complement(84645..85079)], rpl2 [complement(85762..86151)], ndhB [complement(95231..95992)], ndhB [complement(96678..97085)], trnI [103103..103139], trnI [103869..103903], trnA [103968..104005], trnA [104807..104841], ndhA [complement(120258..120787)], ndhA [complement(121861..122413)], trnA [complement(134533..134567)], trnA [complement(135369..135407)], trnI [complement(135471..135505)], trnI [complement(136235..136271)], ndhB [142289..142696], ndhB [143382..144143], rpl2 [153223..153612], rpl2 [154295..154729]	[complement(71262..72164)], petB [75192..75984], petD [76823..77525], rpl16 [complement(81882..82951)], rpl2 [complement(85080..85761)], ndhB [complement(95993..96677)], trnI [103140..103868], trnA [104006..104806], ndhA [complement(120788..121860)], trnA [complement(134568..135368)], trnI [complement(135506..136234)], ndhB [142697..143381], rpl2 [153613..154294]
349.	ARPI	64	rps12 [complement(89355..89383)], rps12 [complement(89924..90155)], rps12 [complement(66399..66512)], trnK-UUU [complement(1434..1468)], trnK-UUU [complement(3924..3960)], rps16 [complement(4527..4744)], rps16 [complement(5569..5608)], trnG-UCC [complement(12459..12506)], trnG-UCC [complement(13192..13214)], atpF [32486..32630], atpF [33453..33859], ycf3 [complement(41651..41809)], ycf3 [complement(42473..42702)], ycf3 [complement(43447..43570)], trnL-UAA [46332..46366], trnL-UAA [46918..46967], trnV-UAC [complement(50215..50249)], trnV-UAC [complement(50852..50890)], rps12 [126620..126851], rps12 [127392..127420], petB [70222..70227], petB [71003..71644], petD [71827..71834], petD [72568..73042], rpl16 [complement(76607..77008)], rpl16 [complement(78037..78045)], rpl2 [complement(79999..80429)], rpl2 [complement(81093..81483)], ndhB [complement(86282..87037)], ndhB [complement(87750..88526)], trnI-GAU [94017..94053], trnI-GAU [95003..95037], trnA-UGC [95103..95140], trnA-UGC [95951..95985], ndhA [complement(111351..111889)], ndhA [complement(112903..113452)], trnA-UGC [complement(120790..120824)], trnA-UGC [complement(121635..121672)], trnI-GAU [complement(121738..121772)], trnI-GAU [complement(122722..122758)], ndhB [128249..129025], ndhB	trnK-UUU [complement(1469..3923)], rps16 [complement(4745..5568)], trnG-UCC [complement(12507..13191)], atpF [32631..33452], ycf3 [complement(41810..42472)], ycf3 [complement(42703..43446)], trnL-UAA [46367..46917], trnV-UAC [complement(50250..50851)], petB [70228..71002], petD [71835..72567], rpl16 [complement(77009..78036)], rpl2 [complement(80430..81092)], ndhB [complement(87038..87749)], trnI-GAU [94054..95002], trnA-UGC [95141..95950], ndhA [complement(111890..112902)], trnA-UGC [complement(120825..121634)], trnI-GAU [complement(121773..122721)], ndhB [129026..129737], rpl2 [135683..136345]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[129738..130493], rpl2 [135292..135682], rpl2 [136346..136776]	
350.	ARPL	39	rps12 [complement(91223..91462)], rps12 [complement(69016..69162)], trnK-UUU [complement(1385..1422)], trnK-UUU [complement(3921..3956)], trnS-CGA [complement(13260..13290)], trnS-CGA [complement(13971..14032)], atpF [34569..34709], atpF [35540..35965], trnL-UAA [48490..48525], trnL-UAA [49073..49123], trnV-UAC [complement(52740..52756)], trnV-UAC [complement(53337..53375)], rps12 [127814..128053], rpl2 [complement(82725..83210)], rpl2 [complement(83814..84221)], ndhB [complement(87592..88380)], ndhB [complement(89051..89836)], trnI-GAU [95289..95330], trnI-GAU [96268..96302], trnA-UGC [96368..96404], trnA-UGC [97215..97250], trnA-UGC [complement(122026..122062)], trnA-UGC [complement(122873..122908)], ndhB [129440..130225], ndhB [130896..131684], rpl2 [135055..135462], rpl2 [136066..136551]	trnK-UUU [complement(1423..3920)], trnS-CGA [complement(13291..13970)], atpF [34710..35539], trnL-UAA [48526..49072], trnV-UAC [complement(52757..53336)], rpl2 [complement(83211..83813)], ndhB [complement(88381..89050)], trnI-GAU [95331..96267], trnA-UGC [96405..97214], trnA-UGC [complement(122063..122872)], ndhB [130226..130895], rpl2 [135463..136065]
351.	ARPO	1	rps12 [142988..143014]	-
352.	ARPR	64	rps12 [complement(92330..92358)], rps12 [complement(92899..93130)], rps12 [complement(69298..69411)], trnK-UUU [complement(1380..1412)], trnK-UUU [complement(3913..3950)], rps16 [complement(4530..4747)], rps16 [complement(5589..5628)], trnG-UCC [complement(13699..13746)], trnG-UCC [complement(14445..14467)], atpF [35362..35520], atpF [36339..36746], ycf3 [complement(44519..44677)], ycf3 [complement(45412..45639)], ycf3 [complement(46369..46500)], trnL-UAA [49212..49246], trnL-UAA [49698..49747], trnV-UAC [complement(53349..53385)], trnV-UAC [complement(53988..54026)], rps12 [129740..129971], rps12 [130512..130540], petB [73162..73167], petB [73929..74576], petD [74751..74758], petD [75487..75961], rpl16 [complement(79521..79922)], rpl16 [complement(80991..80999)], rpl2 [complement(82959..83390)], rpl2 [complement(84054..84443)], ndhB [complement(89265..90020)], ndhB [complement(90725..91501)], trnI-GAU [97025..97066], trnI-GAU [98013..98047], trnA-UGC [98113..98150], trnA-UGC [98966..99000], ndhA [complement(114397..114936)], ndhA [complement(115963..116511)], trnA-UGC [complement(123870..123904)], trnA-UGC	trnK-UUU [complement(1413..3912)], rps16 [complement(4748..5588)], trnG-UCC [complement(13747..14444)], atpF [35521..36338], ycf3 [complement(44678..45411)], ycf3 [complement(45640..46368)], trnL-UAA [49247..49697], trnV-UAC [complement(53386..53987)], petB [73168..73928], petD [74759..75486], rpl16 [complement(79923..80990)], rpl2 [complement(83391..84053)], ndhB [complement(90021..90724)], trnI-GAU [97067..98012], trnA-UGC [98151..98965], ndhA [complement(114937..115962)], trnA-UGC [complement(123905..124719)], trnI-GAU [complement(124858..125803)], ndhB [132146..132849], rpl2 [138817..139479]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(124720..124757)], trnI-GAU [complement(124823..124857)], trnI-GAU [complement(125804..125845)], ndhB [131369..132145], ndhB [132850..133605], rpl2 [138427..138816], rpl2 [139480..139911]	
353.	ARPT	70	rps12 [complement(98278..98303)], rps12 [complement(98841..99072)], rps12 [complement(69929..70042)], trnK [complement(1685..1719)], trnK [complement(4271..4307)], rps16 [complement(4983..5209)], rps16 [complement(6104..6143)], trnG [8496..8518], trnG [9233..9281], atpF [complement(11387..11796)], atpF [complement(12521..12665)], rpoC1 [complement(20104..21714)], rpoC1 [complement(22520..22951)], ycf3 [complement(42467..42619)], ycf3 [complement(43411..43638)], trnL [46917..46951], trnL [47458..47507], trnV [complement(51403..51437)], trnV [complement(52037..52075)], rps12 [140272..140503], rps12 [141041..141066], clpP [complement(70222..70449)], clpP [complement(71012..71303)], clpP [complement(72188..72258)], petB [75214..75219], petB [76013..76654], petD [76843..76850], petD [77553..78027], rpl16 [complement(81486..81884)], rpl16 [complement(82952..82960)], rpl2 [complement(84645..85079)], rpl2 [complement(85762..86151)], ndhB [complement(95225..95986)], ndhB [complement(96672..97079)], trnI [103087..103123], trnI [103853..103887], trnA [103951..103989], trnA [104791..104825], ndhA [complement(120238..120767)], ndhA [complement(121837..122389)], trnA [complement(134519..134553)], trnA [complement(135355..135393)], trnI [complement(135457..135491)], trnI [complement(136221..136257)], ndhB [142265..142672], ndhB [143358..144119], rpl2 [153193..153582], rpl2 [154265..154699]	trnK [complement(1720..4270)], rps16 [complement(5210..6103)], trnG [8519..9232], atpF [complement(11797..12520)], rpoC1 [complement(21715..22519)], ycf3 [complement(42620..43410)], trnL [46952..47457], trnV [complement(51438..52036)], clpP [complement(70450..71011)], clpP [complement(71304..72187)], petB [75220..76012], petD [76851..77552], rpl16 [complement(81885..82951)], rpl2 [complement(85080..85761)], ndhB [complement(95987..96671)], trnI [103124..103852], trnA [103990..104790], ndhA [complement(120768..121836)], trnA [complement(134554..135354)], trnI [complement(135492..136220)], ndhB [142673..143357], rpl2 [153583..154264]
354.	ARPU	64	rps12 [complement(90398..90426)], rps12 [complement(90967..91198)], rps12 [complement(67433..67546)], trnK-UUU [complement(1375..1407)], trnK-UUU [complement(3893..3930)], rps16 [complement(4517..4734)], rps16 [complement(5570..5609)], trnG-UCC [complement(13456..13503)], trnG-UCC [complement(14189..14211)], atpF [33314..33472], atpF [34282..34689], ycf3 [complement(42508..42666)], ycf3 [complement(43335..43562)], ycf3 [complement(44302..44433)], trnL-UAA [47138..47172], trnL-UAA	trnK-UUU [complement(1408..3892)], rps16 [complement(4735..5569)], trnG-UCC [complement(13504..14188)], atpF [33473..34281], ycf3 [complement(42667..43334)], ycf3 [complement(43563..44301)], trnL-UAA [47173..47716], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47717..47766], trnV-UAC [complement(51018..51054)], trnV-UAC [complement(51656..51694)], rps12 [127663..127894], rps12 [128435..128463], petB [71257..71262], petB [72016..72663], petD [72846..72853], petD [73595..74069], rpl16 [complement(77625..78026)], rpl16 [complement(79051..79059)], rpl2 [complement(81014..81445)], rpl2 [complement(82106..82498)], ndhB [complement(87325..88080)], ndhB [complement(88793..89569)], trnI-GAU [95062..95103], trnI-GAU [96044..96078], trnA-UGC [96144..96181], trnA-UGC [96992..97026], ndhA [complement(112394..112933)], ndhA [complement(113949..114491)], trnA-UGC [complement(121835..121869)], trnA-UGC [complement(122680..122717)], trnI-GAU [complement(122783..122817)], trnI-GAU [complement(123758..123799)], ndhB [129292..130068], ndhB [130781..131536], rpl2 [136363..136755], rpl2 [137416..137847]	[complement(51055..51655)], petB [71263..72015], petD [72854..73594], rpl16 [complement(78027..79050)], rpl2 [complement(81446..82105)], ndhB [complement(88081..88792)], trnI-GAU [95104..96043], trnA-UGC [96182..96991], ndhA [complement(112934..113948)], trnA-UGC [complement(121870..122679)], trnI-GAU [complement(122818..123757)], ndhB [130069..130780], rpl2 [136756..137415]
355.	ARRI	79	rps12 [complement(102864..102889)], rps12 [complement(103422..103653)], rps12 [complement(74094..74207)], trnK-UUU [complement(2048..2089)], trnK-UUU [complement(4654..4691)], rps16 [complement(5439..5635)], rps16 [complement(6626..6665)], trnG-UCC [10775..10798], trnG-UCC [11532..11579], atpF [complement(13536..13936)], atpF [complement(14766..14910)], rpoC1 [complement(22795..24414)], rpoC1 [complement(25183..25635)], ycf3 [complement(44631..44783)], ycf3 [complement(45583..45812)], ycf3 [complement(46561..46684)], trnL-UAA [50082..50118], trnL-UAA [50628..50677], trnV-UAC [complement(54940..54976)], trnV-UAC [complement(55567..55604)], rps12 [complement(74094..74207)], rps12 [146055..146286], rps12 [146819..146844], clpP [complement(74381..74626)], clpP [complement(75271..75562)], clpP [complement(76376..76446)], petB [80116..80121], petB [80179..80820], petD [81028..81035], petD [81781..82255], rpl16 [complement(85770..86168)], rpl16 [complement(87253..87261)], rpl2 [complement(88972..89402)], rpl2 [complement(90067..90457)], ndhB [complement(99788..100543)], ndhB [complement(101226..102002)], trnI-GAU [107653..107694], trnI-GAU [108638..108672], ycf68 [107794..107835], ycf68 [107867..108181], trnA-	trnK-UUU [complement(2090..4653)], rps16 [complement(5636..6625)], trnG-UCC [10799..11531], atpF [complement(13937..14765)], rpoC1 [complement(24415..25182)], ycf3 [complement(44784..45582)], ycf3 [complement(45813..46560)], trnL-UAA [50119..50627], trnV-UAC [complement(54977..55566)], clpP [complement(74627..75270)], clpP [complement(75563..76375)], petB [80122..80178], petD [81036..81780], rpl16 [complement(86169..87252)], rpl2 [complement(89403..90066)], ndhB [complement(100544..101225)], trnI-GAU [107695..108637], ycf68 [107836..107866], trnA-UGC [108775..109573], ndhA [complement(125815..126875)], trnA-UGC [complement(140135..140933)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [108737..108774], trnA-UGC [109574..109608], ndhA [complement(125276..125814)], ndhA [complement(126876..127428)], trnA-UGC [complement(140100..140134)], trnA-UGC [complement(140934..140971)], trnI-GAU [complement(141036..141070)], trnI-GAU [complement(142014..142055)], ycf68 [complement(141527..141841)], ycf68 [complement(141873..141914)], ndhB [147706..148482], ndhB [149165..149920], rpl2 [159251..159641], rpl2 [160306..160736]	[complement(141071..142013)], ycf68 [complement(141842..141872)], ndhB [148483..149164], rpl2 [159642..160305]
356.	ARRU	62	rps12 [complement(89669..89697)], rps12 [complement(90238..90469)], rps12 [complement(66701..66814)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3875..3912)], rps16 [complement(4466..4683)], rps16 [complement(5514..5553)], trnG-UCC [complement(12842..12889)], trnG-UCC [complement(13568..13590)], atpF [32757..32915], atpF [33719..34126], ycf3 [complement(41895..42053)], ycf3 [complement(42721..42948)], ycf3 [complement(43682..43813)], trnL-UAA [46435..46469], trnL-UAA [47009..47058], trnV-UAC [complement(50276..50312)], trnV-UAC [complement(50913..50951)], petB [70524..70529], petB [71305..71952], petD [72140..72147], petD [72880..73354], rpl16 [complement(76910..77311)], rpl16 [complement(78337..78345)], rpl2 [complement(80295..80726)], rpl2 [complement(81390..81779)], ndhB [complement(86596..87351)], ndhB [complement(88064..88840)], trnI-GAU [94312..94353], trnI-GAU [95298..95332], trnA-UGC [95398..95435], trnA-UGC [96246..96280], ndhA [complement(111658..112197)], ndhA [complement(113213..113761)], trnA-UGC [complement(121098..121132)], trnA-UGC [complement(121943..121980)], trnI-GAU [complement(122046..122080)], trnI-GAU [complement(123025..123066)], ndhB [128538..129314], ndhB [130027..130782], rpl2 [135599..135988], rpl2 [136652..137083]	trnK-UUU [complement(1410..3874)], rps16 [complement(4684..5513)], trnG-UCC [complement(12890..13567)], atpF [32916..33718], ycf3 [complement(42054..42720)], ycf3 [complement(42949..43681)], trnL-UAA [46470..47008], trnV-UAC [complement(50313..50912)], petB [70530..71304], petD [72148..72879], rpl16 [complement(77312..78336)], rpl2 [complement(80727..81389)], ndhB [complement(87352..88063)], trnI-GAU [94354..95297], trnA-UGC [95436..96245], ndhA [complement(112198..113212)], trnA-UGC [complement(121133..121942)], trnI-GAU [complement(122081..123024)], ndhB [129315..130026], rpl2 [135989..136651]
357.	ARSE	72	rps12 [complement(96098..96123)], rps12 [complement(96659..96890)], rps12 [complement(68532..68645)], trnK-UUU [complement(1722..1756)], trnK-UUU [complement(4304..4340)], rps16 [complement(5190..5374)], rps16 [complement(6236..6275)], rpoC1 [15912..16343], rpoC1 [17065..18705], atpF [26621..26765], atpF [27465..27874], trnG-UCC	trnK-UUU [complement(1757..4303)], rps16 [complement(5375..6235)], rpoC1 [16344..17064], atpF [26766..27464], trnG-UCC [complement(29955..30682)], ycf3 [complement(41979..42718)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(29908..29954)], trnG-UCC [complement(30683..30705)], ycf3 [complement(41826..41978)], ycf3 [complement(42719..42946)], ycf3 [complement(43650..43775)], trnL-UAA [46606..46642], trnL-UAA [47067..47116], trnV-UAC [complement(51073..51109)], trnV-UAC [complement(51682..51719)], rps12 [137246..137477], rps12 [138013..138038], clpP [complement(68800..69027)], clpP [complement(69637..69928)], clpP [complement(70727..70794)], petB [73721..73726], petB [74472..75113], petD [75302..75309], petD [75985..76459], rpl16 [complement(79921..80319)], rpl16 [complement(81339..81347)], rpl2 [complement(83042..83476)], rpl2 [complement(84138..84530)], ndhB [complement(93079..93834)], ndhB [complement(94505..95281)], trnI-GAU [100805..100847], trnI-GAU [101623..101657], trnA-UGC [101722..101759], trnA-UGC [102572..102606], ndhA [complement(117648..118186)], ndhA [complement(119268..119820)], trnA-UGC [complement(131530..131564)], trnA-UGC [complement(132377..132414)], trnI-GAU [complement(132479..132513)], trnI-GAU [complement(133289..133331)], ndhB [138855..139631], ndhB [140302..141057], rpl2 [149606..149998], rpl2 [150660..151094]</p>	<p>[complement(42947..43649)], trnL-UAA [46643..47066], trnV-UAC [complement(51110..51681)], clpP [complement(69028..69636)], clpP [complement(69929..70726)], petB [73727..74471], petD [75310..75984], rpl16 [complement(80320..81338)], rpl2 [complement(83477..84137)], ndhB [complement(93835..94504)], trnI-GAU [100848..101622], trnA-UGC [101760..102571], ndhA [complement(118187..119267)], trnA-UGC [complement(131565..132376)], trnI-GAU [complement(132514..133288)], ndhB [139632..140301], rpl2 [149999..150659]</p>
358.	ARSO	72	<p>rps12 [complement(99643..99669)], rps12 [complement(100208..100438)], rps12 [complement(71438..71551)], trnK-UUU [complement(1772..1806)], trnK-UUU [complement(4357..4393)], rps16 [complement(4929..5153)], rps16 [complement(6004..6045)], trnS-CGA [9457..9488], trnS-CGA [10168..10227], atpF [complement(12299..12709)], atpF [complement(13400..13558)], rpoC1 [complement(21010..22641)], rpoC1 [complement(23375..23809)], ycf3 [complement(43279..43431)], ycf3 [complement(44155..44382)], ycf3 [complement(45097..45225)], trnL-UAA [48298..48332], trnL-UAA [48832..48881], trnV [complement(52755..52791)], trnV [complement(53371..53409)], rps12 [142114..142344], rps12 [142883..142909], clpP [complement(71696..71923)], clpP [complement(72581..72871)], clpP [complement(73742..73810)], petB [76768..76773], petB [77533..78174], petD [78372..78380], petD [79212..79688], rpl16 [complement(83211..83621)], rpl16</p>	<p>trnK-UUU [complement(1807..4356)], rps16 [complement(5154..6003)], trnS-CGA [9489..10167], atpF [complement(12710..13399)], rpoC1 [complement(22642..23374)], ycf3 [complement(43432..44154)], ycf3 [complement(44383..45096)], trnL-UAA [48333..48831], trnV [complement(52792..53370)], clpP [complement(71924..72580)], clpP [complement(72872..73741)], petB [76774..77532], petD [78381..79211], rpl16 [complement(83622..84615)], rpl2 [complement(86743..87394)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84616..84624)], rpl2 [complement(86308..86742)], rpl2 [complement(87395..87787)], ndhB [complement(96567..97322)], ndhB [complement(98002..98778)], trnE-UUC [104369..104400], trnE-UUC [105343..105382], trnA-UGC [105447..105483], trnA-UGC [106297..106332], ndhA [complement(121631..122170)], ndhA [complement(123260..123811)], trnA-UGC [complement(136220..136255)], trnA-UGC [complement(137069..137105)], trnE-UUG [complement(137170..137209)], trnE-UUG [complement(138152..138183)], ndhB [143774..144550], ndhB [145230..145985], rpl2 [154765..155157], rpl2 [155810..156244]	[complement(97323..98001)], trnE-UUC [104401..105342], trnA-UGC [105484..106296], ndhA [complement(122171..123259)], trnA-UGC [complement(136256..137068)], trnE-UUG [complement(137210..138151)], ndhB [144551..145229], rpl2 [155158..155809]
359.	ARSU	70	rps12 [complement(97922..97947)], rps12 [complement(98485..98716)], rps12 [complement(69593..69706)], trnK [complement(1723..1757)], trnK [complement(4316..4352)], rps16 [complement(5084..5283)], rps16 [complement(6148..6187)], trnG [8645..8667], trnG [9382..9430], atpF [complement(11544..11953)], atpF [complement(12669..12813)], rpoC1 [complement(20291..21901)], rpoC1 [complement(22693..23124)], ycf3 [complement(42590..42742)], ycf3 [complement(43530..43757)], trnL [46911..46945], trnL [47458..47507], trnV [complement(51190..51224)], trnV [complement(51824..51862)], rps12 [139744..139975], rps12 [140513..140538], clpP [complement(69898..70125)], clpP [complement(70637..70928)], clpP [complement(71796..71866)], petB [74825..74830], petB [75635..76276], petD [76465..76472], petD [77182..77656], rpl16 [complement(81104..81502)], rpl16 [complement(82566..82574)], rpl2 [complement(84260..84694)], rpl2 [complement(85377..85766)], ndhB [complement(94864..95625)], ndhB [complement(96311..96718)], trnI [102720..102756], trnI [103486..103520], trnA [103584..103621], trnA [104423..104457], ndhA [complement(119740..120269)], ndhA [complement(121350..121902)], trnA [complement(134003..134037)], trnA [complement(134839..134876)], trnI [complement(134940..134974)], trnI [complement(135704..135740)], ndhB [141742..142149], ndhB [142835..143596], rpl2 [152694..153083], rpl2 [153766..154200]	trnK [complement(1758..4315)], rps16 [complement(5284..6147)], trnG [8668..9381], atpF [complement(11954..12668)], rpoC1 [complement(21902..22692)], ycf3 [complement(42743..43529)], trnL [46946..47457], trnV [complement(51225..51823)], clpP [complement(70126..70636)], clpP [complement(70929..71795)], petB [74831..75634], petD [76473..77181], rpl16 [complement(81503..82565)], rpl2 [complement(84695..85376)], ndhB [complement(95626..96310)], trnI [102757..103485], trnA [103622..104422], ndhA [complement(120270..121349)], trnA [complement(134038..134838)], trnI [complement(134975..135703)], ndhB [142150..142834], rpl2 [153084..153765]
360.	ARTA	29	rps12 [complement(103081..103106)], rps12 [complement(74654..74767)],	trnH-GUG [complement(159309..0)], trnK-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnH-GUG [complement(159299..159308)], trnH-GUG [complement(1..64)], rps12 [145617..145642]	UUU [complement(1645..4331)], rps16 [complement(5417..6264)], trnG-UCC [9180..9947], atpF [complement(12376..13153)], rpoC1 [complement(23023..23807)], ycf3 [complement(45377..46139)], ycf3 [complement(46366..47195)], trnL-UAA [50493..50982], trnV-UAC [complement(55549..56143)], clpP [complement(75160..75830)], clpP [complement(76119..76920)], petB [80492..80710], petD [81776..82263], rpl16 [complement(86645..87715)], rpl2 [complement(89873..90529)], ndhB [complement(100752..101455)], trnI-GAU [107865..108607], trnA-UGC [108745..109548], ndhA [complement(124982..126082)], trnA-UGC [complement(139176..139978)], trnI-GAU [complement(140116..140858)], ndhB [147268..147971], rpl2 [158194..158850]
361.	ARTE	52	rps12 [complement(91999..92027)], rps12 [complement(92568..92799)], rps12 [complement(69921..70034)], trnK [complement(1377..1409)], trnK [complement(3925..3962)], trnG [complement(13562..13609)], trnG [complement(14283..14305)], atpF [35244..35402], atpF [36230..36637], ycf3 [complement(44397..44555)], ycf3 [complement(45280..45507)], ycf3 [complement(46245..46376)], trnL [49148..49182], trnL [49723..49772], trnV [complement(53210..53246)], trnV [complement(53843..53881)], rps12 [129862..130093], rps12 [130634..130662], rpl2 [complement(83748..84179)], rpl2 [complement(84840..85232)], trnI [96624..96665], trnI [97612..97646], trnA [97712..97749], trnA [98561..98595], ndhA [complement(114576..115115)], ndhA [complement(116151..116699)], trnA	trnK [complement(1410..3924)], rps16 [complement(4737..5565)], trnG [complement(13610..14282)], atpF [35403..36229], ycf3 [complement(44556..45279)], ycf3 [complement(45508..46244)], trnL [49183..49722], trnV [complement(53247..53842)], petB [73769..74525], petD [75423..76171], rpl16 [complement(80669..81756)], rpl2 [complement(84180..84839)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(124066..124100)], trnA [complement(124912..124949)], trnI [complement(125015..125049)], trnI [complement(125996..126037)], rpl2 [137429..137821], rpl2 [138482..138913]	[complement(89682..90393)], trnI [96666..97611], trnA [97750..98560], ndhA [complement(115116..116150)], trnA [complement(124101..124911)], trnI [complement(125050..125995)], ndhB [132268..132979], rpl2 [137822..138481]
362.	ARTH	72	rps12 [complement(97999..98024)], rps12 [complement(98562..98793)], rps12 [complement(69611..69724)], trnK [complement(1717..1751)], trnK [complement(4311..4347)], rps16 [complement(5084..5283)], rps16 [complement(6149..6188)], trnG [8646..8668], trnG [9383..9431], atpF [complement(11529..11938)], atpF [complement(12654..12798)], rpoC1 [complement(20251..21861)], rpoC1 [complement(22653..23084)], ycf3 [complement(42584..42736)], ycf3 [complement(43524..43751)], ycf3 [complement(44466..44591)], trnL [46894..46928], trnL [47441..47490], trnV [complement(51199..51233)], trnV [complement(51833..51871)], rps12 [139856..140087], rps12 [140625..140650], clpP [complement(69910..70137)], clpP [complement(70653..70944)], clpP [complement(71812..71882)], petB [74841..74846], petB [75651..76292], petD [76481..76488], petD [77198..77672], rpl16 [complement(81189..81587)], rpl16 [complement(82644..82652)], rpl2 [complement(84337..84771)], rpl2 [complement(85454..85843)], ndhB [complement(94941..95702)], ndhB [complement(96388..97164)], trnI [102801..102837], trnI [103567..103601], trnA [103665..103702], trnA [104504..104538], ndhA [complement(119847..120376)], ndhA [complement(121457..122009)], trnA [complement(134111..134145)], trnA [complement(134947..134984)], trnI [complement(135048..135082)], trnI [complement(135812..135848)], ndhB [141485..142261], ndhB [142947..143708], rpl2 [152806..153195], rpl2 [153878..154312]	trnK [complement(1752..4310)], rps16 [complement(5284..6148)], trnG [8669..9382], atpF [complement(11939..12653)], rpoC1 [complement(21862..22652)], ycf3 [complement(42737..43523)], ycf3 [complement(43752..44465)], trnL [46929..47440], trnV [complement(51234..51832)], clpP [complement(70138..70652)], clpP [complement(70945..71811)], petB [74847..75650], petD [76489..77197], rpl16 [complement(81588..82643)], rpl2 [complement(84772..85453)], ndhB [complement(95703..96387)], trnI [102838..103566], trnA [103703..104503], ndhA [complement(120377..121456)], trnA [complement(134146..134946)], trnI [complement(135083..135811)], ndhB [142262..142946], rpl2 [153196..153877]
363.	ARTR	64	rps12 [complement(89217..89245)], rps12 [complement(89786..90017)], rps12 [complement(67235..67348)], trnK-UUU [complement(1385..1419)], trnK-UUU [complement(3865..3901)], rps16 [complement(4464..4681)], rps16 [complement(5521..5560)], trnG-UCC [complement(13426..13473)], trnG-	trnK-UUU [complement(1420..3864)], rps16 [complement(4682..5520)], trnG-UCC [complement(13474..14181)], atpF [33410..34233], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(14182..14204)], atpF [33265..33409], atpF [34234..34640], ycf3 [complement(42426..42586)], ycf3 [complement(43251..43476)], ycf3 [complement(44223..44348)], trnL-UAA [46988..47022], trnL-UAA [47558..47607], trnV-UAC [complement(50816..50852)], trnV-UAC [complement(51454..51492)], rps12 [126498..126729], rps12 [127270..127298], petB [71060..71065], petB [71846..72487], petD [72670..72677], petD [73426..73900], rpl16 [complement(77464..77865)], rpl16 [complement(78894..78902)], rpl2 [complement(80860..81290)], rpl2 [complement(81954..82344)], ndhB [complement(86144..86899)], ndhB [complement(87612..88388)], trnI-GAU [93880..93916], trnI-GAU [94867..94901], trnA-UGC [94971..95008], trnA-UGC [95819..95853], ndhA [complement(111218..111771)], ndhA [complement(112779..113328)], trnA-UGC [complement(120662..120696)], trnA-UGC [complement(121507..121544)], trnI-GAU [complement(121614..121648)], trnI-GAU [complement(122599..122635)], ndhB [128127..128903], ndhB [129616..130371], rpl2 [134171..134561], rpl2 [135225..135655]	[complement(42587..43250)], ycf3 [complement(43477..44222)], trnL-UAA [47023..47557], trnV-UAC [complement(50853..51453)], petB [71066..71845], petD [72678..73425], rpl16 [complement(77866..78893)], rpl2 [complement(81291..81953)], ndhB [complement(86900..87611)], trnI-GAU [93917..94866], trnA-UGC [95009..95818], ndhA [complement(111772..112778)], trnA-UGC [complement(120697..121506)], trnI-GAU [complement(121649..122598)], ndhB [128904..129615], rpl2 [134562..135224]
364.	ARTU	29	rps12 [complement(103548..103573)], rps12 [complement(75025..75138)], trnH-GUG [complement(160511..160520)], trnH-GUG [complement(1..64)], rps12 [146807..146832]	trnH-GUG [complement(160521..0)], trnK-UUU [complement(1640..4274)], rps16 [complement(5430..6318)], trnG-UCC [9248..10015], atpF [complement(12437..13187)], rpoC1 [complement(23098..23877)], ycf3 [complement(45556..46307)], ycf3 [complement(46534..47297)], trnL-UAA [50481..50994], trnV-UAC [complement(55815..56408)], clpP [complement(75531..76201)], clpP [complement(76490..77308)], petB [80929..81142], petD [81988..82680], rpl16 [complement(87092..88168)], rpl2 [complement(90318..90974)], ndhB [complement(101218..101922)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[108330..109266], trnA-UGC [109404..110212], ndhA [complement(125997..127075)], trnA-UGC [complement(140169..140976)], trnI-GAU [complement(141114..142050)], ndhB [148458..149162], rpl2 [159406..160062]
365.	ARUM	70	rps12 [complement(98051..98076)], rps12 [complement(98614..98845)], rps12 [complement(69688..69801)], trnK [complement(1682..1716)], trnK [complement(4270..4306)], rps16 [complement(4975..5201)], rps16 [complement(6101..6140)], trnG [8466..8488], trnG [9203..9251], atpF [complement(11350..11759)], atpF [complement(12489..12633)], rpoC1 [complement(20113..21723)], rpoC1 [complement(22530..22961)], ycf3 [complement(42463..42615)], ycf3 [complement(43408..43635)], trnL [46910..46944], trnL [47446..47495], trnV [complement(51175..51209)], trnV [complement(51809..51847)], rps12 [140052..140283], rps12 [140821..140846], clpP [complement(69981..70208)], clpP [complement(70770..71061)], clpP [complement(71949..72019)], petB [74976..74981], petB [75774..76415], petD [76604..76611], petD [77315..77789], rpl16 [complement(81251..81649)], rpl16 [complement(82725..82733)], rpl2 [complement(84418..84852)], rpl2 [complement(85535..85924)], ndhB [complement(94998..95759)], ndhB [complement(96445..96852)], trnI [102865..102901], trnI [103631..103665], trnA [103729..103767], trnA [104569..104603], ndhA [complement(120013..120542)], ndhA [complement(121612..122164)], trnA [complement(134294..134328)], trnA [complement(135130..135168)], trnI [complement(135232..135266)], trnI [complement(135996..136032)], ndhB [142045..142452], ndhB [143138..143899], rpl2 [152973..153362], rpl2 [154045..154479]	trnK [complement(1717..4269)], rps16 [complement(5202..6100)], trnG [8489..9202], atpF [complement(11760..12488)], rpoC1 [complement(21724..22529)], ycf3 [complement(42616..43407)], trnL [46945..47445], trnV [complement(51210..51808)], clpP [complement(70209..70769)], clpP [complement(71062..71948)], petB [74982..75773], petD [76612..77314], rpl16 [complement(81650..82724)], rpl2 [complement(84853..85534)], ndhB [complement(95760..96444)], trnI [102902..103630], trnA [103768..104568], ndhA [complement(120543..121611)], trnA [complement(134329..135129)], trnI [complement(135267..135995)], ndhB [142453..143137], rpl2 [153363..154044]
366.	ARUN	41	rps12 [complement(71516..71710)], trnK-UUU [complement(1761..1795)], trnK-UUU [complement(4318..4354)], trnG-UCC [9992..10014], trnG-UCC [10715..10762], trnL-UAA [49391..49427], trnL-UAA [49933..49981], trnV-UAC [complement(53451..53487)], trnV-UAC [complement(54065..54103)],	trnK-UUU [complement(1796..4317)], rps16 [complement(5408..6291)], trnG-UCC [10015..10714], atpF [complement(13151..13804)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [143354..143376], trnI-GAU [103682..103718], trnI-GAU [104664..104698], trnI-GAU [104763..104800], trnA-UGC [105609..105643], trnA-UGC [complement(136718..136752)], trnA-UGC [complement(137563..137600)], trnI-GAU [complement(137662..137699)], trnI-GAU [complement(138640..138681)]	[complement(44655..45402)], ycf3 [complement(45633..46348)], trnL-UAA [49428..49932], trnV-UAC [complement(53488..54064)], clpP [complement(72088..72725)], clpP [complement(73017..73786)], petB [76787..77570], petD [78400..79152], rpl16 [complement(83499..84442)], rpl2 [complement(86564..87220)], ndhB [complement(96714..97391)], trnI-GAU [103719..104663], trnI-GAU [104699..104762], trnA-UGC [104801..105608], ndhA [complement(122497..123583)], trnA-UGC [complement(136753..137562)], trnI-GAU [complement(137700..138639)], ndhB [144972..145649], rpl2 [155143..155799]
367.	ARVE	58	rps12 [complement(99529..99554)], rps12 [complement(100096..100324)], rps12 [complement(70686..70799)], trnK-UUU [complement(1454..1488)], trnK-UUU [complement(4126..4162)], rps16 [complement(4925..5136)], rps16 [complement(5993..6032)], trnG-UCC [9052..9074], trnG-UCC [9768..9815], atpF [complement(11764..12176)], atpF [complement(13002..13146)], rpoC1 [complement(20983..22603)], rpoC1 [complement(23357..23784)], ycf3 [complement(42672..42832)], ycf3 [complement(43568..43795)], ycf3 [complement(44506..44635)], trnL-UAA [47367..47401], trnL-UAA [47923..47972], trnV-UAC [complement(52199..52235)], trnV-UAC [complement(52823..52861)], clpP [complement(70936..71187)], clpP [complement(71841..72132)], clpP [complement(72949..73019)], petB [75942..75947], petB [76733..77380], petD [77574..77581], petD [78318..78831], rpl16 [complement(82273..82671)], rpl16 [complement(83895..83903)], rpl2 [complement(85847..86278)], rpl2 [complement(86941..87330)], ndhB [complement(96455..97210)], ndhB	trnK-UUU [complement(1489..4125)], rps16 [complement(5137..5992)], trnG-UCC [9075..9767], atpF [complement(12177..13001)], rpoC1 [complement(22604..23356)], ycf3 [complement(42833..43567)], ycf3 [complement(43796..44505)], trnL-UAA [47402..47922], trnV-UAC [complement(52236..52822)], clpP [complement(71188..71840)], clpP [complement(72133..72948)], petB [75948..76732], petD [77582..78317], rpl16 [complement(82672..83894)], rpl2 [complement(86279..86940)], ndhB [complement(97211..97914)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97915..98691)], trnI-GAU [104296..104337], trnI-GAU [105276..105310], trnA-UGC [105375..105412], trnA-UGC [106214..106248], ndhA [complement(121272..121810)], ndhA [complement(122801..123353)]	[104338..105275], trnA-UGC [105413..106213], ndhA [complement(121811..122800)]
368.	ARXA	34	rps12 [complement(57457..57699)], rps12 [complement(29803..29916)], psaB [complement(141901..143896)], psaB [complement(1..116)], ycf3 [complement(3121..3273)], ycf3 [complement(4059..4286)], trnV [complement(12344..12380)], trnV [complement(12947..12985)], clpP [complement(30062..30292)], clpP [complement(30920..31213)], clpP [complement(32063..32131)], trnI [61612..61653], trnI [62596..62630], trnA [62695..62732], trnA [63547..63581], ndhA [complement(80236..80775)], ndhA [complement(81847..82398)], trnA [complement(94651..94685)], trnA [complement(95500..95537)], trnI [complement(95602..95636)], trnI [complement(96579..96620)], ndhB [102148..102924], ndhB [103589..103756]	psaB [complement(143897..0)], ycf3 [complement(3274..4058)], trnV [complement(12381..12946)], clpP [complement(30293..30919)], clpP [complement(31214..32062)], trnI [61654..62595], trnA [62733..63546], ndhA [complement(80776..81846)], trnA [complement(94686..95499)], trnI [complement(95637..96578)], ndhB [102925..103588]
369.	ASAC	24	rps12 [142566..142591]	trnK-UUU [complement(1456..4133)], rps16 [complement(5119..5974)], trnG-UCC [9330..10015], atpF [complement(12417..13217)], rpoC1 [complement(22805..23549)], ycf3 [complement(42520..43252)], ycf3 [complement(43483..44198)], trnL-UAA [complement(50302..50766)], trnV-UAC [complement(52668..53260)], clpP [complement(71017..71669)], clpP [complement(71962..72773)], petB [75797..76590], petD [77454..78185], rpl16 [complement(82582..83720)], rpl2 [complement(86115..86776)], ndhB [complement(96933..97636)], trnI-GAU [104061..105002], trnA-UGC [105140..105940], ndhA [complement(122010..123052)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(135902..136702)], trnI-GAU [complement(136840..137781)], ndhB [144206..144909], rpl2 [155066..155727]
370.	ASAL	40	trnK-UUU [complement(1632..1666)], trnK-UUU [complement(4195..4231)], trnG-UCC [complement(30021..30068)], trnG-UCC [complement(30801..30823)], trnL-UAA [47173..47206], trnL-UAA [47648..47697], trnV-UAC [complement(51293..51327)], trnV-UAC [complement(51903..51940)], rps12 [139203..139228], trnI-GAU [102168..102205], trnI-GAU [102986..103020], trnA-UGC [103085..103122], trnA-UGC [103942..103976], trnA-UGC [complement(132711..132745)], trnA-UGC [complement(133565..133602)], trnI-GAU [complement(133667..133701)], trnI-GAU [complement(134482..134519)]	trnK-UUU [complement(1667..4194)], rps16 [complement(5257..6146)], rpoC1 [16444..17186], atpF [26866..27574], trnG-UCC [complement(30069..30800)], ycf3 [complement(42429..43167)], ycf3 [complement(43398..44088)], trnL-UAA [47207..47647], trnV-UAC [complement(51328..51902)], clpP [complement(70018..70631)], clpP [complement(70923..71734)], petB [74823..75620], petD [76468..77227], rpl16 [complement(81559..82645)], rpl2 [complement(84794..85464)], ndhB [complement(95190..95863)], trnI-GAU [102206..102985], trnA-UGC [103123..103941], ndhA [complement(119383..120428)], trnA-UGC [complement(132746..133564)], trnI-GAU [complement(133702..134481)], ndhB [140824..141497], rpl2 [151223..151893]
371.	ASCA	26	rps12 [complement(74001..74114)], rps12 [144038..144063]	trnK-UUU [complement(2318..4845)], rps16 [complement(5651..6585)], trnG-UCC [9852..10555], atpF [complement(12980..13679)], rpoC1 [complement(23349..24107)], ycf3 [complement(45804..46569)], ycf3 [complement(46799..47519)], trnL-UAA [51276..51852], trnV-UAC [complement(56149..56733)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(74522..75213)], clpP [complement(75503..76271)], petB [79178..79970], petD [80831..81508], rpl16 [complement(85951..86983)], rpl2 [complement(89205..89867)], ndhB [complement(100210..100914)], trnI-GAU [107307..108256], trnA-UGC [108394..109193], ndhA [complement(123666..124690)], trnA-UGC [complement(137406..138205)], trnI-GAU [complement(138343..139292)], ndhB [145685..146389], rpl2 [156732..157394], rpl16 [159616..160648]
372.	ASHE	70	rps12 [complement(97879..98121)], rps12 [complement(69393..69506)], trnK-UUU [complement(1586..1620)], trnK-UUU [complement(4178..4195)], rps16 [complement(5022..5236)], rps16 [complement(6126..6165)], rpoC1 [15655..16086], rpoC1 [16829..18466], atpF [26397..26541], atpF [27251..27660], trnG-UCC [complement(29706..29752)], trnG-UCC [complement(30487..30509)], ycf3 [complement(42064..42216)], ycf3 [complement(42956..43183)], ycf3 [complement(43874..43999)], trnL-UAA [46986..47022], trnL-UAA [47461..47510], trnV-UAC [complement(51075..51111)], trnV-UAC [complement(51685..51722)], rps12 [138349..138591], clpP [complement(69713..69940)], clpP [complement(70556..70847)], clpP [complement(71659..71729)], petB [74717..74722], petB [75519..76160], petD [76349..76356], petD [77142..77616], rpl16 [complement(81080..81478)], rpl16 [complement(82532..82540)], rpl2 [complement(84216..84649)], rpl2 [complement(85321..85711)], ndhB [complement(94304..95059)], ndhB [complement(95734..96510)], trnI-GAU [102034..102076], trnI-GAU [102852..102886], trnA-UGC [102951..102988], trnA-UGC [103809..103843], ndhA [115559..116111], ndhA [117189..117727], trnA-UGC [complement(132627..132661)], trnA-UGC [complement(133482..133519)],	trnK-UUU [complement(1621..4177)], rps16 [complement(5237..6125)], rpoC1 [16087..16828], atpF [26542..27250], trnG- UCC [complement(29753..30486)], ycf3 [complement(42217..42955)], ycf3 [complement(43184..43873)], trnL-UAA [47023..47460], trnV-UAC [complement(51112..51684)], clpP [complement(69941..70555)], clpP [complement(70848..71658)], petB [74723..75518], petD [76357..77141], rpl16 [complement(81479..82531)], rpl2 [complement(84650..85320)], ndhB [complement(95060..95733)], trnI-GAU [102077..102851], trnA-UGC [102989..103808], ndhA [116112..117188], trnA-UGC [complement(132662..133481)], trnI-GAU [complement(133619..134393)], ndhB [140737..141410], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(133584..133618)], trnI-GAU [complement(134394..134436)], ndhB [139960..140736], ndhB [141411..142166], rpl2 [150759..151149], rpl2 [151821..152254]	[151150..151820]
373.	ASIN	24	rps12 [139649..139674]	trnK-UUU [complement(1688..4226)], rps16 [complement(5300..6175)], rpoC1 [16450..17191], atpF [26882..27590], trnG-UCC [complement(30089..30820)], ycf3 [complement(42619..43357)], ycf3 [complement(43587..44288)], trnL-UAA [47411..47848], trnV-UAC [complement(51518..52090)], clpP [complement(70300..70914)], clpP [complement(71206..72019)], petB [75093..75915], petD [76764..77572], rpl16 [complement(81908..83005)], rpl2 [complement(85162..85832)], ndhB [complement(95553..96226)], trnI-GAU [102573..103352], trnA-UGC [103490..104309], ndhA [116630..117693], trnA-UGC [complement(133187..134006)], trnI-GAU [complement(134144..134923)], ndhB [141270..141943], rpl2 [151664..152334]
374.	ASLA	64	rps12 [complement(89594..89622)], rps12 [complement(90163..90394)], rps12 [complement(68032..68145)], trnK-UUU [complement(1481..1515)], trnK-UUU [complement(3982..4018)], rps16 [complement(4575..4792)], rps16 [complement(5639..5678)], trnG-UCC [complement(13144..13191)], trnG-UCC [complement(13874..13896)], atpF [33741..33885], atpF [34722..35128], ycf3 [complement(42920..43078)], ycf3 [complement(43810..44039)], ycf3 [complement(44788..44911)], trnL-UAA [47663..47697], trnL-UAA [48246..48295], trnV-UAC [complement(51843..51877)], trnV-UAC [complement(52477..52514)], rps12 [126518..126749], rps12	trnK-UUU [complement(1516..3981)], rps16 [complement(4793..5638)], trnG-UCC [complement(13192..13873)], atpF [33886..34721], ycf3 [complement(43079..43809)], ycf3 [complement(44040..44787)], trnL-UAA [47698..48245], trnV-UAC [complement(51878..52476)], petB [71882..72671], petD [73521..74260], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[127290..127318], petB [71876..71881], petB [72672..73313], petD [73513..73520], petD [74261..74735], rpl16 [complement(78271..78672)], rpl16 [complement(79744..79752)], rpl2 [complement(81682..82112)], rpl2 [complement(82776..83166)], ndhB [complement(86521..87276)], ndhB [complement(87989..88765)], trnI-GAU [94224..94260], trnI-GAU [94977..95011], trnA-UGC [95077..95114], trnA-UGC [95925..95959], ndhA [complement(111491..112029)], ndhA [complement(113053..113602)], trnA-UGC [complement(120953..120987)], trnA-UGC [complement(121798..121835)], trnI-GAU [complement(121901..121935)], trnI-GAU [complement(122652..122688)], ndhB [128147..128923], ndhB [129636..130391], rpl2 [133746..134136], rpl2 [134800..135230]	[complement(78673..79743)], rpl2 [complement(82113..82775)], ndhB [complement(87277..87988)], trnI-GAU [94261..94976], trnA-UGC [95115..95924], ndhA [complement(112030..113052)], trnA-UGC [complement(120988..121797)], trnI-GAU [complement(121936..122651)], ndhB [128924..129635], rpl2 [134137..134799]
375.	ASMI	1	-	rps16 [complement(5755..6605)]
376.	ASMN	46	rps12 [complement(93682..93939)], rps12 [complement(67138..67251)], trnC-ACA [complement(9788..9828)], trnC-ACA [complement(10473..10513)], trnL-UAA [complement(13491..13541)], trnL-UAA [complement(14083..14118)], ycf3 [16648..16764], ycf3 [17471..17698], ycf3 [18434..18586], rpoC1 [37350..37781], rpoC1 [38495..40117], atpF [47921..48088], atpF [48766..49176], clpP [complement(67413..67637)], clpP [complement(68255..68617)], petB [71631..71636], petB [72460..73101], petD [73307..73314], petD [74027..74501], rpl16 [complement(78346..78756)], rpl16 [complement(79741..79749)], rpl2 [complement(81189..81623)], rpl2 [complement(82336..82728)], ndhB [complement(90709..91470)], ndhB [complement(92160..92882)], trnE-UUC [97703..97735], trnE-UUC [98552..98584], trnA-UGC [98622..98659], trnA-UGC [99495..99532], ndhA [111824..112375], ndhA [113612..114151]	trnC-ACA [complement(9829..10472)], trnL-UAA [complement(13542..14082)], ycf3 [16765..17470], ycf3 [17699..18433], rpoC1 [37782..38494], atpF [48089..48765], clpP [complement(67638..68254)], petB [71637..72459], petD [73315..74026], rpl16 [complement(78757..79740)], rpl2 [complement(81624..82335)], ndhB [complement(91471..92159)], trnE-UUC [97736..98551], trnA-UGC [98660..99494], ndhA [112376..113611]
377.	ASMO	52	rps12 [complement(93759..94016)], rps12 [complement(67189..67302)], trnK-UUU [complement(1734..1762)], trnK-UUU [complement(4263..4299)], trnV-UAC [9808..9846], trnV-UAC [10455..10491], trnL-UAA [complement(13510..13559)], trnL-UAA [complement(14101..14137)], ycf3 [16687..16803], ycf3 [17509..17736], ycf3 [18472..18624], rpoC1 [37380..37811], rpoC1 [38526..40148], atpF [47953..48120], atpF [48799..49209], trnG-UCC [complement(51206..51253)], trnG-UCC	trnK-UUU [complement(1763..4262)], trnV-UAC [9847..10454], trnL-UAA [complement(13560..14100)], ycf3 [16804..17508], ycf3 [17737..18471], rpoC1 [37812..38525], atpF [48121..48798], trnG-UCC [complement(51254..51958)], clpP [complement(67701..68302)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51959..51981)], clpP [complement(67470..67700)], clpP [complement(68303..68665)], petB [71680..71685], petB [72510..73151], petD [73357..73364], petD [74080..74551], rpl16 [complement(78407..78805)], rpl16 [complement(79808..79816)], rpl2 [complement(81254..81688)], rpl2 [complement(82401..82793)], ndhB [complement(90786..91547)], ndhB [complement(92237..92959)], trnI-GAU [97794..97835], trnI-GAU [98619..98653], trnA-UGC [98724..98761], trnA-UGC [99564..99598], ndhA [111864..112415], ndhA [113651..114190]	[71686..72509], petD [73365..74079], rpl16 [complement(78806..79807)], rpl2 [complement(81689..82400)], ndhB [complement(91548..92236)], trnI-GAU [97836..98618], trnA-UGC [98762..99563], ndhA [112416..113650]
378.	ASM U	24	rps12 [142563..142588]	trnK-UUU [complement(1432..4113)], rps16 [complement(5097..5952)], trnG-UCC [9304..9989], atpF [complement(12391..13191)], rpoC1 [complement(22767..23518)], ycf3 [complement(42497..43229)], ycf3 [complement(43460..44175)], trnL-UAA [complement(50230..50698)], trnV-UAC [complement(52599..53191)], clpP [complement(71003..71654)], clpP [complement(71947..72758)], petB [75783..76576], petD [77440..78171], rpl16 [complement(82569..83720)], rpl2 [complement(86095..86756)], ndhB [complement(96913..97616)], trnI-GAU [104041..104982], trnA-UGC [105120..105920], ndhA [complement(122000..123049)], trnA-UGC [complement(135899..136699)], trnI-GAU [complement(136837..137778)], ndhB [144203..144906], rpl2 [155063..155724]
379.	ASNI	33	rps12 [complement(104459..104493)], rps12 [complement(105046..105277)], rps12 [complement(77279..77392)], rps16 [complement(5089..5315)], rps16 [complement(6155..6194)], atpF [complement(11917..12326)], atpF	clpP [complement(77772..78440)], clpP [complement(78732..79492)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13026..13170)], rpoC1 [complement(25803..27410)], rpoC1 [complement(28166..28618)], ycf3 [complement(48769..48921)], ycf3 [complement(49735..49964)], ycf3 [complement(50704..50827)], rps12 [complement(77279..77392)], rps12 [148187..148418], rps12 [148971..149005], petB [82468..82473], petB [83262..83903], petD [84093..84100], petD [84854..85328], rpl16 [complement(88817..89224)], rpl16 [complement(90221..90229)], rpl2 [complement(91934..92367)], rpl2 [complement(93007..93397)], ndhB [complement(101449..102204)], ndhB [complement(102889..103665)], ndhA [complement(127634..128178)], ndhA [complement(129260..129812)], ndhB [149799..150575], ndhB [151260..152015], rpl2 [160067..160457], rpl2 [161097..161530]	
380.	ASOF	72	rps12 [complement(99216..99241)], rps12 [complement(99784..100012)], rps12 [complement(70777..70902)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(3988..4024)], rps16 [complement(4691..4899)], rps16 [complement(5759..5798)], trnG-UCC [9216..9239], trnG-UCC [9913..9960], atpF [complement(11895..12305)], atpF [complement(13144..13287)], rpoC1 [complement(20704..22328)], rpoC1 [complement(23078..23513)], ycf3 [complement(42807..42958)], ycf3 [complement(43700..43928)], ycf3 [complement(44648..44773)], trnL-UAA [47606..47640], trnL-UAA [48168..48217], trnV-UAC [complement(52521..52555)], trnV-UAC [complement(53152..53190)], rps12 [141687..141915], rps12 [142458..142483], clpP [complement(71038..71289)], clpP [complement(71955..72246)], clpP [complement(73050..73120)], petB [76013..76018], petB [76770..77411], petD [77614..77621], petD [78356..78836], rpl16 [complement(82353..82751)], rpl16 [complement(83736..83744)], rpl2 [complement(85586..86016)], rpl2 [complement(86681..87071)], ndhB [complement(96186..96941)], ndhB [complement(97641..98417)], trnI-GAU [103951..103987], trnI-GAU [104929..104963], trnA-UGC [105028..105065], trnA-UGC [105881..105915], ndhA [complement(121341..121880)], ndhA [complement(123006..123563)], trnA-UGC [complement(135784..135818)], trnA-UGC [complement(136634..136672)], trnI-GAU [complement(136736..136770)],	trnK-UUU [complement(1404..3987)], rps16 [complement(4900..5758)], trnG-UCC [9240..9912], atpF [complement(12306..13143)], rpoC1 [complement(22329..23077)], ycf3 [complement(42959..43699)], ycf3 [complement(43929..44647)], trnL-UAA [47641..48167], trnV-UAC [complement(52556..53151)], clpP [complement(71290..71954)], clpP [complement(72247..73049)], petB [76019..76769], petD [77622..78355], rpl16 [complement(82752..83735)], rpl2 [complement(86017..86680)], ndhB [complement(96942..97640)], trnI-GAU [103988..104928], trnA-UGC [105066..105880], ndhA [complement(121881..123005)], trnA-UGC [complement(135819..136633)], trnI-GAU [complement(136771..137711)], ndhB [144059..144757], rpl2 [155019..155682]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137712..137748)], ndhB [143282..144058], ndhB [144758..145513], rpl2 [154628..155018], rpl2 [155683..156113]	
381.	ASPE	64	rps12 [complement(89529..89557)], rps12 [complement(90098..90329)], rps12 [complement(67959..68072)], trnK-UUU [complement(1383..1415)], trnK-UUU [complement(3900..3937)], rps16 [complement(4486..4703)], rps16 [complement(5547..5586)], trnG-UCC [complement(13064..13111)], trnG-UCC [complement(13794..13816)], atpF [33661..33819], atpF [34641..35048], ycf3 [complement(42846..43004)], ycf3 [complement(43736..43963)], ycf3 [complement(44711..44836)], trnL-UAA [47588..47622], trnL-UAA [48171..48220], trnV-UAC [complement(51767..51813)], trnV-UAC [complement(52401..52439)], rps12 [126454..126685], rps12 [127226..127254], petB [71808..71813], petB [72602..73249], petD [73449..73456], petD [74197..74671], rpl16 [complement(78207..78608)], rpl16 [complement(79679..79687)], rpl2 [complement(81617..82048)], rpl2 [complement(82709..83101)], ndhB [complement(86456..87212)], ndhB [complement(87925..88700)], trnI-GAU [94159..94200], trnI-GAU [94912..94946], trnA-UGC [95012..95049], trnA-UGC [95860..95894], ndhA [complement(111426..111965)], ndhA [complement(112990..113538)], trnA-UGC [complement(120889..120923)], trnA-UGC [complement(121734..121771)], trnI-GAU [complement(121837..121871)], trnI-GAU [complement(122583..122624)], ndhB [128083..128858], ndhB [129571..130327], rpl2 [133682..134074], rpl2 [134735..135166]	trnK-UUU [complement(1416..3899)], rps16 [complement(4704..5546)], trnG-UCC [complement(13112..13793)], atpF [33820..34640], ycf3 [complement(43005..43735)], ycf3 [complement(43964..44710)], trnL-UAA [47623..48170], trnV-UAC [complement(51814..52400)], petB [71814..72601], petD [73457..74196], rpl16 [complement(78609..79678)], rpl2 [complement(82049..82708)], ndhB [complement(87213..87924)], trnI-GAU [94201..94911], trnA-UGC [95050..95859], ndhA [complement(111966..112989)], trnA-UGC [complement(120924..121733)], trnI-GAU [complement(121872..122582)], ndhB [128859..129570], rpl2 [134075..134734]
382.	ASRH	49	rps12 [complement(110515..110540)], rps12 [complement(111077..111308)], rps12 [complement(76540..76653)], rps16 [complement(11619..11844)], rps16 [complement(12695..12735)], trnG-UCC [15232..15254], trnG-UCC [15962..16009], rpoC1 [complement(26042..27655)], rpoC1 [complement(28400..28831)], ycf3 [complement(49861..50013)], ycf3 [complement(50770..50997)], ycf3 [complement(51727..51843)], trnL-UAA [54431..54467], trnL-UAA [55037..55086], trnV-UAC [complement(58508..58542)], trnV-UAC [complement(59132..59170)], clpP [complement(76804..77043)], clpP [complement(77682..77973)], clpP [complement(78978..79048)], petB [82032..82037], petB [82785..83426], petD	rps16 [complement(11845..12694)], trnG-UCC [15255..15961], rpoC1 [complement(27656..28399)], ycf3 [complement(50014..50769)], ycf3 [complement(50998..51726)], trnL-UAA [54468..55036], trnV-UAC [complement(58543..59131)], clpP [complement(77044..77681)], clpP [complement(77974..78977)], petB [82038..82784], petD [83643..84444], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[83635..83642], petD [84445..84919], rpl16 [complement(88321..88719)], rpl16 [complement(89664..89672)], ndhB [complement(107468..108223)], ndhB [complement(108897..109673)], trnI-GAU [115194..115230], trnI-GAU [116166..116200], trnA-UGC [116265..116302], trnA-UGC [117138..117172], ndhA [complement(133726..134264)], ndhA [complement(135324..135876)]	[complement(88720..89663)], ndhB [complement(108224..108896)], trnI-GAU [115231..116165], trnA-UGC [116303..117137], ndhA [complement(134265..135323)]
383.	ASSC	37	trnK-UUU [complement(1294..1328)], trnK-UUU [complement(3902..3938)], trnG-UCC [9167..9189], trnG-UCC [9865..9912], trnV-UAC [complement(52553..52589)], trnV-UAC [complement(53184..53222)], rps12 [142539..142564], trnI-GAU [104016..104052], trnI-GAU [104993..105027], trnA-UGC [105092..105129], trnA-UGC [105945..105979], trnA-UGC [complement(135865..135899)], trnA-UGC [complement(136715..136752)], trnI-GAU [complement(136817..136851)], trnI-GAU [complement(137792..137828)]	trnK-UUU [complement(1329..3901)], rps16 [complement(4807..5662)], trnG-UCC [9190..9864], atpF [complement(12260..13108)], rpoC1 [complement(22320..23057)], ycf3 [complement(42977..43717)], ycf3 [complement(43946..44664)], trnV-UAC [complement(52590..53183)], clpP [complement(71327..71989)], clpP [complement(72282..73088)], petB [76060..76811], petD [77662..78401], rpl16 [complement(82791..83773)], rpl2 [complement(86061..86724)], ndhB [complement(97006..97704)], trnI-GAU [104053..104992], trnA-UGC [105130..105944], ndhA [complement(121943..123069)], trnA-UGC [complement(135900..136714)], trnI-GAU [complement(136852..137791)], ndhB [144140..144838], rpl2 [155120..155783]
384.	ASSI	76	rps12 [complement(113018..113043)], rps12 [complement(113580..113811)], rps12 [complement(84033..84146)], rpoC1 [8802..9254], rpoC1 [9995..11611], atpF [20257..20401], atpF [21153..21562], trnG-UCC [complement(23505..23552)], trnG-UCC [complement(24287..24309)], rps16 [28352..28391], rps16 [29233..29429], trnK-UUU [30325..30361], trnK-UUU [32904..32938], ycf3 [complement(50148..50300)], ycf3 [complement(51039..51268)], ycf3 [complement(53782..53905)], trnL-UAA	rpoC1 [9255..9994], atpF [20402..21152], trnG-UCC [complement(23553..24286)], rps16 [28392..29232], trnK-UUU [30362..32903], ycf3 [complement(50301..51038)], ycf3 [complement(51269..53781)], trnL-UAA [57372..57894], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[57337..57371], trnL-UAA [57895..57944], trnV-UAC [complement(64824..64858)], trnV-UAC [complement(65502..65540)], rps12 [complement(84033..84146)], rps12 [176100..176331], rps12 [176868..176893], clpP [complement(84290..84535)], clpP [complement(85219..85510)], clpP [complement(86240..86310)], petB [89244..89249], petB [89994..90635], petD [90826..90833], petD [91558..92047], rpl16 [complement(96119..96517)], rpl16 [complement(97528..97536)], rpl2 [complement(99251..99681)], rpl2 [complement(100347..100737)], ndhB [complement(109928..110683)], ndhB [complement(111392..112168)], trnI-GAU [117764..117800], trnI-GAU [118743..118777], trnA-UGC [118842..118879], trnA-UGC [119684..119718], ndhA [132119..132671], ndhA [133784..134322], ndhA [complement(155589..156127)], ndhA [complement(157240..157792)], trnA-UGC [complement(170193..170227)], trnA-UGC [complement(171032..171069)], trnI-GAU [complement(171134..171168)], trnI-GAU [complement(172111..172147)], ndhB [177743..178519], ndhB [179228..179983], rpl2 [189174..189564], rpl2 [190230..190660]</p>	<p>[complement(64859..65501)], clpP [complement(84536..85218)], clpP [complement(85511..86239)], petB [89250..89993], petD [90834..91557], rpl16 [complement(96518..97527)], rpl2 [complement(99682..100346)], ndhB [complement(110684..111391)], trnI-GAU [117801..118742], trnA-UGC [118880..119683], ndhA [132672..133783], ndhA [complement(156128..157239)], trnA-UGC [complement(170228..171031)], trnI-GAU [complement(171169..172110)], ndhB [178520..179227], rpl2 [189565..190229]</p>
385.	ASSP	44	<p>rps12 [complement(95534..95776)], rps12 [complement(67559..67672)], trnK-UUU [complement(1785..1819)], trnK-UUU [complement(4103..4139)], trnG-UCC [complement(29276..29322)], trnG-UCC [complement(30046..30068)], ycf3 [complement(42035..42264)], trnL-UAA [45923..45959], trnL-UAA [46383..46432], trnV-UAC [complement(49937..49973)], trnV-UAC [complement(50547..50584)], rps12 [135727..135969], trnI-GAU [99651..99694], trnI-GAU [100471..100505], trnA-UGC [100570..100607], trnA-UGC [101428..101462], trnA-UGC [130011..130045], trnA-UGC [130866..130903], trnI-GAU [complement(130968..131002)], trnI-GAU [complement(131779..131821)], rpl2 [147919..148309], rpl2 [148981..149414]</p>	<p>trnK-UUU [complement(1820..4102)], rps16 [complement(5127..5952)], rpoC1 [15744..16464], atpF [26163..26861], trnG-UCC [complement(29323..30045)], ycf3 [complement(41296..42034)], ycf3 [complement(42265..42961)], trnL-UAA [45960..46382], trnV-UAC [complement(49974..50546)], clpP [complement(68073..68695)], clpP [complement(68987..69786)], petB [72771..73515], petD [74363..75086], rpl2 [complement(82531..83198)], ndhB [complement(92726..93395)], trnI-GAU [99695..100470], trnA-UGC [100608..101427], ndhA [113573..114677],</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnA-UGC [130046..130865], trnI-GAU [complement(131003..131778)], ndhB [138112..138781], rpl2 [148310..148980]
386.	ASSY	31	rps12 [complement(101910..101944)], rps12 [complement(102488..102719)], rps12 [complement(74613..74726)], rps16 [complement(5072..5298)], rps16 [complement(6137..6176)], atpF [complement(11863..12272)], atpF [complement(12981..13125)], rpoC1 [complement(23479..25086)], rpoC1 [complement(25837..26289)], ycf3 [complement(46466..46618)], ycf3 [complement(47417..47646)], ycf3 [complement(48386..48509)], rps12 [complement(74613..74726)], rps12 [145348..145579], rps12 [146123..146157], petB [79837..79842], petB [80631..81272], petD [81462..81469], petD [82223..82697], rpl16 [complement(86177..86584)], rpl16 [complement(87695..87703)], rpl2 [complement(89410..89843)], rpl2 [complement(90483..90873)], ndhB [complement(98900..99655)], ndhB [complement(100340..101116)], ndhA [complement(124949..125493)], ndhA [complement(126574..127126)], ndhB [146951..147727], ndhB [148412..149167], rpl2 [157194..157584], rpl2 [158224..158657]	-
387.	ASTA	40	trnK-UUU [complement(1625..1659)], trnK-UUU [complement(4195..4231)], trnG-UCC [complement(30017..30064)], trnG-UCC [complement(30797..30819)], trnL-UAA [47346..47379], trnL-UAA [47821..47870], trnV-UAC [complement(51446..51480)], trnV-UAC [complement(52056..52093)], rps12 [139738..139763], trnI-GAU [102641..102678], trnI-GAU [103460..103494], trnA-UGC [103559..103596], trnA-UGC [104417..104451], trnA-UGC [complement(133240..133274)], trnA-UGC [complement(134095..134132)], trnI-GAU [complement(134197..134231)], trnI-GAU [complement(135013..135050)]	trnK-UUU [complement(1660..4194)], rps16 [complement(5282..6166)], rpoC1 [16403..17145], atpF [26838..27555], trnG-UCC [complement(30065..30796)], ycf3 [complement(42545..43283)], ycf3 [complement(43514..44203)], trnL-UAA [47380..47820], trnV-UAC [complement(51481..52055)], clpP [complement(70381..70994)], clpP [complement(71286..72097)], petB [75166..75995], petD [76844..77588], rpl16 [complement(81915..83058)], rpl2 [complement(85250..85920)], ndhB [complement(95659..96332)], trnI-GAU [102679..103459], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[103597..104416], ndhA [complement(119900..120954)], trnA-UGC [complement(133275..134094)], trnI-GAU [complement(134232..135012)], ndhB [141359..142032], rpl2 [151771..152441]
388.	ATBE	8	rps12 [complement(72478..72591)], rps12 [143198..143223], trnA-UGC [106432..106466], rpl2 [156122..156555]	rps16 [complement(5277..6098)], trnL-UAA [48978..49474], ndhA [complement(122921..124070)], ndhB [144807..145485]
389.	ATCH	46	rps12 [complement(97998..98240)], rps12 [complement(69793..69906)], rps16 [complement(5195..5419)], rps16 [complement(6264..6305)], rpoC1 [16205..16636], rpoC1 [17376..19013], atpF [26969..27112], atpF [27819..28229], ycf3 [complement(42173..42325)], ycf3 [complement(43062..43291)], ycf3 [complement(43985..44111)], rps12 [139302..139544], clpP [complement(70062..70289)], clpP [complement(70917..71210)], clpP [complement(72007..72075)], petB [74770..74778], petB [75808..76446], petD [76626..76634], petD [77360..77833], rpl16 [complement(81313..81711)], rpl16 [complement(82726..82734)], rpl2 [complement(84394..84828)], rpl2 [complement(85494..85883)], ndhB [complement(94436..95191)], ndhB [complement(95861..96637)], ndhA [116123..116675], ndhA [117734..118272], ndhB [140905..141681], ndhB [142351..143106], rpl2 [151659..152048], rpl2 [152714..153148]	rps16 [complement(5420..6263)], rpoC1 [16637..17375], atpF [27113..27818], ycf3 [complement(42326..43061)], ycf3 [complement(43292..43984)], clpP [complement(70290..70916)], clpP [complement(71211..72006)], petB [74779..75807], petD [76635..77359], rpl16 [complement(81712..82725)], rpl2 [complement(84829..85493)], ndhB [complement(95192..95860)], ndhA [116676..117733], ndhB [141682..142350], rpl2 [152049..152713]
390.	ATLA	46	rps12 [complement(97965..98207)], rps12 [complement(69787..69900)], rps16 [complement(5202..5423)], rps16 [complement(6269..6313)], rpoC1 [16226..16657], rpoC1 [17397..19034], atpF [26993..27136], atpF [27843..28253], ycf3 [complement(42191..42343)], ycf3 [complement(43080..43307)], ycf3 [complement(44004..44129)], rps12 [139245..139487], clpP [complement(70056..70283)], clpP [complement(70911..71204)], clpP [complement(71999..72067)], petB [74738..74746], petB [75776..76414], petD [76594..76602], petD [77328..77801], rpl16 [complement(81280..81678)], rpl16	rps16 [complement(5424..6268)], rpoC1 [16658..17396], atpF [27137..27842], ycf3 [complement(42344..43079)], ycf3 [complement(43308..44003)], clpP [complement(70284..70910)], clpP [complement(71205..71998)], petB [74747..75775], petD [76603..77327], rpl16 [complement(81679..82692)], rpl2 [complement(84796..85460)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82693..82701)], rpl2 [complement(84361..84795)], rpl2 [complement(85461..85850)], ndhB [complement(94403..95158)], ndhB [complement(95828..96604)], ndhA [116090..116642], ndhA [117701..118239], ndhB [140848..141624], ndhB [142294..143049], rpl2 [151602..151991], rpl2 [152657..153091]	[complement(95159..95827)], ndhA [116643..117700], ndhB [141625..142293], rpl2 [151992..152656]
391.	ATM A	46	rps12 [complement(97998..98240)], rps12 [complement(69817..69930)], rps16 [complement(5210..5431)], rps16 [complement(6274..6318)], rpoC1 [16223..16654], rpoC1 [17395..19032], atpF [26989..27132], atpF [27839..28249], ycf3 [complement(42197..42349)], ycf3 [complement(43086..43313)], ycf3 [complement(44010..44135)], rps12 [139307..139549], clpP [complement(70086..70313)], clpP [complement(70941..71234)], clpP [complement(72031..72099)], petB [74770..74778], petB [75808..76446], petD [76626..76634], petD [77360..77833], rpl16 [complement(81314..81712)], rpl16 [complement(82727..82735)], rpl2 [complement(84394..84828)], rpl2 [complement(85494..85883)], ndhB [complement(94436..95191)], ndhB [complement(95861..96637)], ndhA [116144..116696], ndhA [117755..118293], ndhB [140910..141686], ndhB [142356..143111], rpl2 [151664..152053], rpl2 [152719..153153]	rps16 [complement(5432..6273)], rpoC1 [16655..17394], atpF [27133..27838], ycf3 [complement(42350..43085)], ycf3 [complement(43314..44009)], clpP [complement(70314..70940)], clpP [complement(71235..72030)], petB [74779..75807], petD [76635..77359], rpl16 [complement(81713..82726)], rpl2 [complement(84829..85493)], ndhB [complement(95192..95860)], ndhA [116697..117754], ndhB [141687..142355], rpl2 [152054..152718]
392.	ATRA	67	rps12 [complement(103505..103530)], rps12 [complement(104067..104298)], rps12 [complement(74288..74401)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4405..4441)], trnG-GCC [8404..8426], trnG-GCC [9152..9197], atpF [complement(11882..12292)], atpF [complement(13080..13223)], rpoC1 [complement(21591..23201)], rpoC1 [complement(23993..24424)], ycf3 [complement(45661..45813)], ycf3 [complement(46520..46747)], ycf3 [complement(47484..47609)], trnL-UAA [49906..49942], trnL-UAA [50506..50555], trnV-UAC [complement(54650..54686)], trnV-UAC [complement(55294..55332)], rps12 [complement(74288..74401)], rps12 [147827..148058], rps12 [148595..148620], clpP [complement(74566..74791)], clpP [complement(75414..75706)], clpP [complement(76547..76615)], petB [79633..79638], petB [80472..81113], petD [81327..81334], petD	trnK-UUU [complement(1844..4404)], trnG-GCC [8427..9151], atpF [complement(12293..13079)], rpoC1 [complement(23202..23992)], ycf3 [complement(45814..46519)], ycf3 [complement(46748..47483)], trnL-UAA [49943..50505], trnV-UAC [complement(54687..55293)], clpP [complement(74792..75413)], clpP [complement(75707..76546)], petB [79639..80471], petD [81335..82147], rpl16 [complement(86792..87869)], rpl2 [complement(90169..90843)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[82148..82622], rpl16 [complement(86393..86791)], rpl16 [complement(87870..87878)], rpl2 [complement(89734..90168)], rpl2 [complement(90844..91242)], ndhB [complement(100445..101200)], ndhB [complement(101889..102665)], trnI-GAU [108297..108338], trnI-GAU [109286..109320], trnA-UGC [109385..109422], trnA-UGC [110231..110265], ndhA [complement(127061..127600)], ndhA [complement(128790..129359)], trnA-UGC [complement(141860..141894)], trnA-UGC [complement(142703..142740)], trnI-GAU [complement(142805..142839)], trnI-GAU [complement(143787..143828)], ndhB [149460..150236], ndhB [150925..151680]	[complement(101201..101888)], trnI-GAU [108339..109285], trnA-UGC [109423..110230], ndhA [complement(127601..128789)], trnA-UGC [complement(141895..142702)], trnI-GAU [complement(142840..143786)], ndhB [150237..150924]
393.	ATSI	70	rps12 [complement(100073..100095)], rps12 [complement(100635..100866)], rps12 [complement(72237..72350)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4321..4357)], rps16 [complement(5049..5275)], rps16 [complement(6098..6137)], trnG-UCC [9292..9314], trnG-UCC [10005..10052], atpF [complement(11981..12390)], atpF [complement(13098..13242)], rpoC1 [complement(21260..22873)], rpoC1 [complement(23611..24063)], ycf3 [complement(43770..43922)], ycf3 [complement(44682..44911)], ycf3 [complement(45646..45769)], trnL-UAA [48790..48826], trnL-UAA [49322..49371], trnV-UAC [complement(53283..53319)], trnV-UAC [complement(53888..53925)], clpP [complement(72489..72716)], clpP [complement(73345..73636)], clpP [complement(74437..74507)], petB [77451..77456], petB [78210..78851], petD [79042..79049], petD [79792..80266], rpl16 [complement(83661..84056)], rpl16 [complement(85066..85074)], rpl2 [complement(86731..87164)], rpl2 [complement(87831..88221)], ndhB [complement(97055..97810)], ndhB [complement(98490..99266)], trnI-GAU [104599..104640], trnI-GAU [105352..105386], trnA-UGC [105451..105488], trnA-UGC [106170..106204], ndhA [complement(122199..122737)], ndhA [complement(123885..124437)], trnA-UGC [complement(136962..136996)], trnA-UGC [complement(137678..137715)], trnI-GAU [complement(137780..137814)], trnI-GAU [complement(138526..138567)], ndhB [143900..144676], ndhB [145356..146111], rpl2 [154945..155335], rpl2 [156002..156435]	trnK-UUU [complement(1798..4320)], rps16 [complement(5276..6097)], trnG-UCC [9315..10004], atpF [complement(12391..13097)], rpoC1 [complement(22874..23610)], ycf3 [complement(43923..44681)], ycf3 [complement(44912..45645)], trnL-UAA [48827..49321], trnV-UAC [complement(53320..53887)], clpP [complement(72717..73344)], clpP [complement(73637..74436)], petB [77457..78209], petD [79050..79791], rpl16 [complement(84057..85065)], rpl2 [complement(87165..87830)], ndhB [complement(97811..98489)], trnI-GAU [104641..105351], trnA-UGC [105489..106169], ndhA [complement(122738..123884)], trnA-UGC [complement(136997..137677)], trnI-GAU [complement(137815..138525)], ndhB [144677..145355], rpl2 [155336..156001]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
394.	AURE	39	rps12 [complement(66393..66506)], trnK-UUU [complement(1374..1406)], trnK-UUU [complement(3902..3939)], trnG-GCC [12775..12822], trnG-GCC [13496..13519], trnL-UAA [46507..46541], trnL-UAA [47109..47158], trnV-UAC [complement(50741..50777)], trnV-UAC [complement(51374..51412)], rps12 [126661..126690], rpl2 [complement(81191..81580)], trnI-GAU [92851..92892], trnI-GAU [93694..93728], trnA-UGC [93794..93831], trnA-UGC [94643..94677], trnA-UGC [complement(120243..120277)], trnA-UGC [complement(121089..121126)], trnI-GAU [complement(121192..121226)], trnI-GAU [complement(122028..122069)]	trnK-UUU [complement(1407..3901)], rps16 [complement(4720..5510)], trnG-GCC [12823..13495], atpF [33226..34034], ycf3 [complement(42372..43097)], ycf3 [complement(43326..44075)], trnL-UAA [46542..47108], trnV-UAC [complement(50778..51373)], petB [70257..70997], petD [71834..72576], rpl16 [complement(77052..78096)], rpl2 [complement(80528..81190)], ndhB [complement(85918..86629)], trnI-GAU [92893..93693], trnA-UGC [93832..94642], ndhA [complement(111291..112322)], trnA-UGC [complement(120278..121088)], trnI-GAU [complement(121227..122027)], ndhB [128291..129002], rpl2 [133733..134392]
395.	AVAB	23	rps12 [127113..127141], petD [73183..73657], ndhA [complement(112787..113336)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12812..13488)], atpF [32378..33202], ycf3 [complement(41529..42253)], ycf3 [complement(42480..43238)], trnL-UAA [46197..46527], trnV-UAC [complement(50207..50802)], petB [70845..71603], petD [72442..73182], rpl16 [complement(77637..78684)], rpl2 [complement(81121..81783)], ndhB [complement(86599..87310)], trnI-GAU [93598..94403], trnA-UGC [94542..95352], ndhA [complement(111768..112786)], trnA-UGC [complement(120700..121510)], trnI-GAU [complement(121649..122454)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[128742..129453], rpl2 [134269..134931]
396.	AVA G	23	rps12 [127116..127144], petD [73205..73679], ndhA [complement(112792..113341)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12839..13515)], atpF [32407..33231], ycf3 [complement(41558..42282)], ycf3 [complement(42509..43260)], trnL-UAA [46218..46548], trnV-UAC [complement(50255..50850)], petB [70864..71625], petD [72464..73204], rpl16 [complement(77659..78704)], rpl2 [complement(81141..81803)], ndhB [complement(86619..87330)], trnI-GAU [93616..94421], trnA-UGC [94560..95370], ndhA [complement(111775..112791)], trnA-UGC [complement(120705..121515)], trnI-GAU [complement(121654..122459)], ndhB [128745..129456], rpl2 [134272..134934]
397.	AVAT	23	rps12 [127176..127204], petD [73243..73717], ndhA [complement(112849..113398)]	trnK-UUU [complement(1418..3852)], rps16 [complement(4672..5498)], trnG-UCC [complement(12838..13514)], atpF [32403..33227], ycf3 [complement(41572..42297)], ycf3 [complement(42524..43280)], trnL-UAA [46237..46567], trnV-UAC [complement(50245..50840)], petB [70887..71646], petD [72485..73242], rpl16 [complement(77697..78743)], rpl2 [complement(81180..81842)], ndhB [complement(86659..87370)], trnI-GAU [93658..94464], trnA-UGC [94603..95413], ndhA [complement(111830..112848)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UGC [complement(120762..121572)], trnI-GAU [complement(121711..122517)], ndhB [128805..129516], rpl2 [134333..134995]
398.	AVBA	23	rps12 [127117..127145], petD [73185..73659], ndhA [complement(112790..113339)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12812..13488)], atpF [32378..33202], ycf3 [complement(41529..42253)], ycf3 [complement(42480..43238)], trnL-UAA [46198..46528], trnV-UAC [complement(50208..50803)], petB [70847..71605], petD [72444..73184], rpl16 [complement(77639..78686)], rpl2 [complement(81123..81785)], ndhB [complement(86601..87312)], trnI-GAU [93600..94406], trnA-UGC [94545..95355], ndhA [complement(111771..112789)], trnA-UGC [complement(120703..121513)], trnI-GAU [complement(121652..122458)], ndhB [128746..129457], rpl2 [134273..134935]
399.	AVBR	23	rps12 [127110..127138], petD [73174..73648], ndhA [complement(112782..113331)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12805..13481)], atpF [32370..33194], ycf3 [complement(41521..42245)], ycf3 [complement(42472..43230)], trnL-UAA [46190..46520], trnV-UAC [complement(50199..50794)], petB [70835..71594], petD [72433..73173], rpl16 [complement(77629..78676)], rpl2 [complement(81113..81775)], ndhB [complement(86591..87302)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[93590..94396], trnA-UGC [94535..95345], ndhA [complement(111763..112781)], trnA-UGC [complement(120696..121506)], trnI-GAU [complement(121645..122451)], ndhB [128739..129450], rpl2 [134266..134928]
400.	AVCA	2	rps12 [complement(72509..72622)], rps12 [142860..142885]	-
401.	AVCL	23	rps12 [126729..126757], petD [72748..73222], ndhA [complement(112387..112936)]	trnK-UUU [complement(1418..3871)], rps16 [complement(4679..5505)], trnG-UCC [complement(12789..13466)], atpF [32285..33114], ycf3 [complement(41444..42168)], ycf3 [complement(42395..43149)], trnL-UAA [45923..46258], trnV-UAC [complement(49940..50535)], petB [70412..71171], petD [72010..72747], rpl16 [complement(77192..78242)], rpl2 [complement(80678..81340)], ndhB [complement(86156..86867)], trnI-GAU [93152..93958], trnA-UGC [94097..94907], ndhA [complement(111368..112386)], trnA-UGC [complement(120318..121128)], trnI-GAU [complement(121267..122073)], ndhB [128358..129069], rpl2 [133885..134547]
402.	AVCN	23	rps12 [127126..127154], petD [73221..73695], ndhA [complement(112806..113355)]	trnK-UUU [complement(1418..3854)], rps16 [complement(4680..5506)], trnG-UCC [complement(12840..13516)], atpF [32413..33237], ycf3 [complement(41564..42288)], ycf3 [complement(42515..43268)], trnL-UAA [46223..46553], trnV-UAC [complement(50248..50843)], petB [70885..71641], petD [72480..73220], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(77675..78721)], rpl2 [complement(81159..81821)], ndhB [complement(86637..87348)], trnI-GAU [93634..94440], trnA-UGC [94579..95389], ndhA [complement(111788..112805)], trnA-UGC [complement(120714..121524)], trnI-GAU [complement(121663..122469)], ndhB [128755..129466], rpl2 [134282..134944]
403.	AVD A	23	rps12 [127096..127124], petD [73181..73655], ndhA [complement(112772..113321)]	trnK-UUU [complement(1418..3855)], rps16 [complement(4675..5501)], trnG-UCC [complement(12817..13493)], atpF [32382..33206], ycf3 [complement(41533..42257)], ycf3 [complement(42484..43238)], trnL-UAA [46198..46519], trnV-UAC [complement(50209..50804)], petB [70843..71601], petD [72440..73180], rpl16 [complement(77627..78676)], rpl2 [complement(81113..81775)], ndhB [complement(86591..87302)], trnI-GAU [93588..94393], trnA-UGC [94532..95342], ndhA [complement(111754..112771)], trnA-UGC [complement(120685..121495)], trnI-GAU [complement(121634..122439)], ndhB [128725..129436], rpl2 [134252..134914]
404.	AVER	23	rps12 [126732..126760], petD [72750..73224], ndhA [complement(112390..112939)]	trnK-UUU [complement(1418..3871)], rps16 [complement(4679..5505)], trnG-UCC [complement(12790..13467)], atpF [32287..33116], ycf3 [complement(41446..42170)], ycf3 [complement(42397..43151)], trnL-UAA [45926..46261], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(49943..50538)], petB [70414..71173], petD [72012..72749], rpl16 [complement(77194..78244)], rpl2 [complement(80680..81342)], ndhB [complement(86158..86869)], trnI-GAU [93154..93960], trnA-UGC [94099..94909], ndhA [complement(111371..112389)], trnA-UGC [complement(120321..121131)], trnI-GAU [complement(121270..122076)], ndhB [128361..129072], rpl2 [133888..134550]
405.	AVFA	23	rps12 [127060..127088], petD [73176..73650], ndhA [complement(112734..113283)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5498)], trnG-UCC [complement(12837..13513)], atpF [32404..33228], ycf3 [complement(41555..42279)], ycf3 [complement(42506..43260)], trnL-UAA [46220..46550], trnV-UAC [complement(50230..50825)], petB [70837..71596], petD [72435..73175], rpl16 [complement(77630..78681)], rpl2 [complement(81118..81780)], ndhB [complement(86596..87307)], trnI-GAU [93593..94400], trnA-UGC [94539..95349], ndhA [complement(111714..112733)], trnA-UGC [complement(120647..121457)], trnI-GAU [complement(121596..122403)], ndhB [128689..129400], rpl2 [134216..134878]
406.	AVHI	23	rps12 [127106..127134], petD [73172..73646], ndhA [complement(112779..113328)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12805..13481)], atpF [32370..33194], ycf3 [complement(41521..42245)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42472..43230)], trnL-UAA [46190..46520], trnV-UAC [complement(50198..50793)], petB [70833..71592], petD [72431..73171], rpl16 [complement(77627..78674)], rpl2 [complement(81111..81773)], ndhB [complement(86589..87300)], trnI-GAU [93588..94393], trnA-UGC [94532..95342], ndhA [complement(111760..112778)], trnA-UGC [complement(120693..121503)], trnI-GAU [complement(121642..122447)], ndhB [128735..129446], rpl2 [134262..134924]
407.	AVH Y	23	rps12 [127071..127099], petD [73187..73661], ndhA [complement(112745..113294)]	trnK-UUU [complement(1418..3852)], rps16 [complement(4672..5497)], trnG-UCC [complement(12836..13512)], atpF [32401..33225], ycf3 [complement(41552..42276)], ycf3 [complement(42503..43257)], trnL-UAA [46217..46547], trnV-UAC [complement(50241..50836)], petB [70849..71607], petD [72446..73186], rpl16 [complement(77641..78692)], rpl2 [complement(81129..81791)], ndhB [complement(86607..87318)], trnI-GAU [93604..94411], trnA-UGC [94550..95360], ndhA [complement(111725..112744)], trnA-UGC [complement(120658..121468)], trnI-GAU [complement(121607..122414)], ndhB [128700..129411], rpl2 [134227..134889]
408.	AVLO	23	rps12 [126899..126927], petD [72956..73430], ndhA [complement(112572..113121)]	trnK-UUU [complement(1418..3852)], rps16 [complement(4672..5497)], trnG-UCC [complement(12836..13512)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[32352..33176], ycf3 [complement(41504..42228)], ycf3 [complement(42455..43209)], trnL-UAA [45913..46243], trnV-UAC [complement(49931..50526)], petB [70617..71376], petD [72215..72955], rpl16 [complement(77410..78456)], rpl2 [complement(80893..81555)], ndhB [complement(86371..87082)], trnI-GAU [93368..94175], trnA-UGC [94314..95124], ndhA [complement(111554..112571)], trnA- UGC [complement(120486..121296)], trnI- GAU [complement(121435..122242)], ndhB [128528..129239], rpl2 [134055..134717]
409.	AVLU	23	rps12 [127050..127078], petD [73249..73723], ndhA [complement(112725..113274)]	trnK-UUU [complement(1418..3854)], rps16 [complement(4674..5500)], trnG-UCC [complement(12841..13517)], atpF [32456..33280], ycf3 [complement(41606..42330)], ycf3 [complement(42557..43311)], trnL-UAA [46270..46591], trnV-UAC [complement(50275..50870)], petB [70909..71669], petD [72508..73248], rpl16 [complement(77695..78741)], rpl2 [complement(81178..81840)], ndhB [complement(86656..87367)], trnI-GAU [93653..94459], trnA-UGC [94598..95408], ndhA [complement(111707..112724)], trnA- UGC [complement(120638..121448)], trnI- GAU [complement(121587..122393)], ndhB [128679..129390], rpl2 [134206..134868]
410.	AVM	23	rps12 [127058..127086], petD [73172..73646], ndhA	trnK-UUU [complement(1418..3852)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	A		[complement(112732..113281)]	[complement(4672..5498)], trnG-UCC [complement(12837..13513)], atpF [32400..33224], ycf3 [complement(41551..42275)], ycf3 [complement(42502..43255)], trnL-UAA [46214..46544], trnV-UAC [complement(50225..50820)], petB [70834..71592], petD [72431..73171], rpl16 [complement(77626..78677)], rpl2 [complement(81114..81776)], ndhB [complement(86592..87303)], trnI-GAU [93589..94396], trnA-UGC [94535..95345], ndhA [complement(111710..112731)], trnA- UGC [complement(120645..121455)], trnI- GAU [complement(121594..122401)], ndhB [128687..129398], rpl2 [134214..134876]
411.	AVM U	23	rps12 [127063..127091], petD [73178..73652], ndhA [complement(112737..113286)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5498)], trnG-UCC [complement(12836..13512)], atpF [32401..33225], ycf3 [complement(41552..42276)], ycf3 [complement(42503..43257)], trnL-UAA [46217..46547], trnV-UAC [complement(50227..50822)], petB [70840..71598], petD [72437..73177], rpl16 [complement(77632..78683)], rpl2 [complement(81120..81782)], ndhB [complement(86598..87309)], trnI-GAU [93595..94402], trnA-UGC [94541..95351], ndhA [complement(111716..112736)], trnA- UGC [complement(120650..121460)], trnI- GAU [complement(121599..122406)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[128692..129403], rpl2 [134219..134881]
412.	AVN U	23	rps12 [127105..127133], petD [73173..73647], ndhA [complement(112779..113328)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12805..13481)], atpF [32370..33194], ycf3 [complement(41521..42245)], ycf3 [complement(42472..43230)], trnL-UAA [46190..46520], trnV-UAC [complement(50197..50792)], petB [70835..71593], petD [72432..73172], rpl16 [complement(77628..78675)], rpl2 [complement(81112..81774)], ndhB [complement(86590..87301)], trnI-GAU [93589..94393], trnA-UGC [94532..95342], ndhA [complement(111760..112778)], trnA-UGC [complement(120693..121503)], trnI-GAU [complement(121642..122446)], ndhB [128734..129445], rpl2 [134261..134923]
413.	AVOC	23	rps12 [127064..127092], petD [73184..73658], ndhA [complement(112740..113289)]	trnK-UUU [complement(1418..3852)], rps16 [complement(4672..5497)], trnG-UCC [complement(12836..13512)], atpF [32400..33224], ycf3 [complement(41551..42275)], ycf3 [complement(42502..43256)], trnL-UAA [46216..46546], trnV-UAC [complement(50240..50835)], petB [70846..71604], petD [72443..73183], rpl16 [complement(77638..78689)], rpl2 [complement(81126..81788)], ndhB [complement(86604..87315)], trnI-GAU [93601..94406], trnA-UGC [94545..95355], ndhA [complement(111720..112739)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UGC [complement(120653..121463)], trnI-GAU [complement(121602..122407)], ndhB [128693..129404], rpl2 [134220..134882]
414.	AVSA	64	rps12 [complement(88911..88939)], rps12 [complement(89480..89711)], rps12 [complement(66958..67071)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3854..3890)], rps16 [complement(4443..4672)], rps16 [complement(5499..5538)], trnG-UCC [complement(12789..12836)], trnG-UCC [complement(13514..13536)], atpF [32260..32404], atpF [33230..33636], ycf3 [complement(41395..41555)], ycf3 [complement(42281..42506)], ycf3 [complement(43262..43387)], trnL [46186..46220], trnL [46552..46601], trnV-UAC [complement(50194..50230)], trnV-UAC [complement(50827..50865)], rps12 [126289..126520], rps12 [127061..127089], petB [70833..70838], petB [71599..72240], petD [72429..72436], petD [73178..73652], rpl16 [complement(77230..77631)], rpl16 [complement(78685..78693)], rpl2 [complement(80690..81120)], rpl2 [complement(81784..82174)], ndhB [complement(85843..86598)], ndhB [complement(87311..88087)], trnI-GAU [93559..93595], trnI-GAU [94403..94437], trnA-UGC [94503..94540], trnA-UGC [95352..95386], ndhA [complement(111177..111715)], ndhA [complement(112736..113285)], trnA-UGC [complement(120614..120648)], trnA-UGC [complement(121460..121497)], trnI-GAU [complement(121563..121597)], trnI-GAU [complement(122405..122441)], ndhB [127913..128689], ndhB [129402..130157], rpl2 [133826..134216], rpl2 [134880..135310]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5498)], trnG-UCC [complement(12837..13513)], atpF [32405..33229], ycf3 [complement(41556..42280)], ycf3 [complement(42507..43261)], trnL [46221..46551], trnV-UAC [complement(50231..50826)], petB [70839..71598], petD [72437..73177], rpl16 [complement(77632..78684)], rpl2 [complement(81121..81783)], ndhB [complement(86599..87310)], trnI-GAU [93596..94402], trnA-UGC [94541..95351], ndhA [complement(111716..112735)], trnA-UGC [complement(120649..121459)], trnI-GAU [complement(121598..122404)], ndhB [128690..129401], rpl2 [134217..134879]
415.	AVSR	23	rps12 [127109..127137], petD [73175..73649], ndhA [complement(112782..113331)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12805..13481)], atpF [32371..33195], ycf3 [complement(41522..42246)], ycf3 [complement(42473..43231)], trnL-UAA [46193..46523], trnV-UAC [complement(50200..50795)], petB [70837..71595], petD [72434..73174], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(77630..78677)], rpl2 [complement(81114..81776)], ndhB [complement(86592..87303)], trnI-GAU [93591..94396], trnA-UGC [94535..95345], ndhA [complement(111763..112781)], trnA-UGC [complement(120696..121506)], trnI-GAU [complement(121645..122450)], ndhB [128738..129449], rpl2 [134265..134927]
416.	AVST	64	rps12 [complement(88908..88936)], rps12 [complement(89477..89708)], rps12 [complement(66956..67069)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3854..3890)], rps16 [complement(4443..4672)], rps16 [complement(5499..5538)], trnG-UCC [complement(12788..12835)], trnG-UCC [complement(13513..13535)], atpF [32259..32403], atpF [33229..33635], ycf3 [complement(41394..41554)], ycf3 [complement(42280..42505)], ycf3 [complement(43261..43386)], trnL-UAA [46184..46218], trnL-UAA [46550..46599], trnV-UAC [complement(50192..50228)], trnV-UAC [complement(50825..50863)], rps12 [126286..126517], rps12 [127058..127086], petB [70831..70836], petB [71597..72238], petD [72427..72434], petD [73176..73650], rpl16 [complement(77228..77629)], rpl16 [complement(78682..78690)], rpl2 [complement(80687..81117)], rpl2 [complement(81781..82171)], ndhB [complement(85840..86595)], ndhB [complement(87308..88084)], trnI-GAU [93556..93592], trnI-GAU [94400..94434], trnA-UGC [94500..94537], trnA-UGC [95349..95383], ndhA [complement(111174..111712)], ndhA [complement(112733..113282)], trnA-UGC [complement(120611..120645)], trnA-UGC [complement(121457..121494)], trnI-GAU [complement(121560..121594)], trnI-GAU [complement(122402..122438)], ndhB [127910..128686], ndhB [129399..130154], rpl2 [133823..134213], rpl2 [134877..135307]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5498)], trnG-UCC [complement(12836..13512)], atpF [32404..33228], ycf3 [complement(41555..42279)], ycf3 [complement(42506..43260)], trnL-UAA [46219..46549], trnV-UAC [complement(50229..50824)], petB [70837..71596], petD [72435..73175], rpl16 [complement(77630..78681)], rpl2 [complement(81118..81780)], ndhB [complement(86596..87307)], trnI-GAU [93593..94399], trnA-UGC [94538..95348], ndhA [complement(111713..112732)], trnA-UGC [complement(120646..121456)], trnI-GAU [complement(121595..122401)], ndhB [128687..129398], rpl2 [134214..134876]
417.	AVV A	23	rps12 [127117..127145], petD [73185..73659], ndhA [complement(112790..113339)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC [complement(12812..13488)], atpF [32378..33202], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(41529..42253)], ycf3 [complement(42480..43238)], trnL-UAA [46197..46527], trnV-UAC [complement(50206..50801)], petB [70846..71605], petD [72444..73184], rpl16 [complement(77639..78686)], rpl2 [complement(81123..81785)], ndhB [complement(86601..87312)], trnI-GAU [93600..94406], trnA-UGC [94545..95355], ndhA [complement(111771..112789)], trnA- UGC [complement(120703..121513)], trnI- GAU [complement(121652..122458)], ndhB [128746..129457], rpl2 [134273..134935]
418.	AVVE	23	rps12 [126852..126880], petD [72877..73351], ndhA [complement(112516..113065)]	trnK-UUU [complement(1418..3871)], rps16 [complement(4679..5504)], trnG-UCC [complement(12806..13483)], atpF [32252..33081], ycf3 [complement(41418..42142)], ycf3 [complement(42369..43123)], trnL-UAA [46062..46397], trnV-UAC [complement(50075..50670)], petB [70542..71300], petD [72139..72876], rpl16 [complement(77318..78368)], rpl2 [complement(80804..81466)], ndhB [complement(86283..86994)], trnI-GAU [93279..94084], trnA-UGC [94223..95033], ndhA [complement(111502..112515)], trnA- UGC [complement(120442..121252)], trnI- GAU [complement(121391..122196)], ndhB [128481..129192], rpl2 [134009..134671]
419.	AVWI	23	rps12 [127115..127143], petD [73183..73657], ndhA [complement(112788..113337)]	trnK-UUU [complement(1418..3853)], rps16 [complement(4673..5499)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12812..13488)], atpF [32378..33202], ycf3 [complement(41529..42253)], ycf3 [complement(42480..43238)], trnL-UAA [46198..46528], trnV-UAC [complement(50207..50802)], petB [70845..71603], petD [72442..73182], rpl16 [complement(77637..78684)], rpl2 [complement(81121..81783)], ndhB [complement(86599..87310)], trnI-GAU [93598..94404], trnA-UGC [94543..95353], ndhA [complement(111769..112787)], trnA-UGC [complement(120701..121511)], trnI-GAU [complement(121650..122456)], ndhB [128744..129455], rpl2 [134271..134933]
420.	AXFI	64	rps12 [complement(91127..91155)], rps12 [complement(91696..91927)], rps12 [complement(68053..68166)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3889..3926)], rps16 [complement(4481..4698)], rps16 [complement(5536..5575)], trnG-UCC [complement(12892..12939)], trnG-UCC [complement(13626..13648)], atpF [34163..34321], atpF [35134..35541], ycf3 [complement(43355..43507)], ycf3 [complement(44235..44462)], ycf3 [complement(45190..45321)], trnL [47796..47830], trnL [48373..48422], trnV-UAC [complement(52024..52060)], trnV-UAC [complement(52652..52690)], rps12 [128468..128699], rps12 [129240..129268], petB [71940..71945], petB [72699..73346], petD [73534..73541], petD [74271..74745], rpl16 [complement(78283..78684)], rpl16 [complement(79755..79763)], rpl2 [complement(81721..82152)], rpl2 [complement(82816..83205)], ndhB [complement(88054..88809)], ndhB [complement(89522..90298)], trnI-GAU [95751..95792], trnI-GAU [96739..96773], trnA-UGC [96839..96876], trnA-UGC [97692..97726], ndhA [complement(113195..113734)], ndhA [complement(114761..115309)], trnA-UGC [complement(122669..122703)], trnA-UGC [complement(123519..123556)], trnI-GAU	trnK-UUU [complement(1415..3888)], rps16 [complement(4699..5535)], trnG-UCC [complement(12940..13625)], atpF [34322..35133], ycf3 [complement(43508..44234)], ycf3 [complement(44463..45189)], trnL [47831..48372], trnV-UAC [complement(52061..52651)], petB [71946..72698], petD [73542..74270], rpl16 [complement(78685..79754)], rpl2 [complement(82153..82815)], ndhB [complement(88810..89521)], trnI-GAU [95793..96738], trnA-UGC [96877..97691], ndhA [complement(113735..114760)], trnA-UGC [complement(122704..123518)], trnI-GAU [complement(123657..124602)], ndhB [130874..131585], rpl2 [137580..138242]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(123622..123656)], trnI-GAU [complement(124603..124644)], ndhB [130097..130873], ndhB [131586..132341], rpl2 [137190..137579], rpl2 [138243..138674]	
421.	AXRA	62	rps12 [complement(91402..91430)], rps12 [complement(91971..92202)], rps12 [complement(68287..68400)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3895..3932)], rps16 [complement(4487..4704)], rps16 [complement(5540..5579)], trnG-UCC [complement(12908..12955)], trnG-UCC [complement(13642..13664)], atpF [34281..34439], atpF [35249..35656], ycf3 [complement(43467..43619)], ycf3 [complement(44355..44582)], ycf3 [complement(45310..45441)], trnL-UAA [47905..47939], trnL-UAA [48482..48531], trnV-UAC [complement(52170..52206)], trnV-UAC [complement(52798..52836)], petB [72204..72209], petB [72963..73610], petD [73798..73805], petD [74535..75009], rpl16 [complement(78555..78956)], rpl16 [complement(80031..80039)], rpl2 [complement(81997..82428)], rpl2 [complement(83092..83481)], ndhB [complement(88329..89084)], ndhB [complement(89797..90573)], trnI-GAU [96051..96092], trnI-GAU [97039..97073], trnA-UGC [97139..97176], trnA-UGC [97992..98026], ndhA [complement(113528..114067)], ndhA [complement(115088..115636)], trnA-UGC [complement(122991..123025)], trnA-UGC [complement(123841..123878)], trnI-GAU [complement(123944..123978)], trnI-GAU [complement(124925..124966)], ndhB [130444..131220], ndhB [131933..132688], rpl2 [137536..137925], rpl2 [138589..139020]	trnK-UUU [complement(1415..3894)], rps16 [complement(4705..5539)], trnG-UCC [complement(12956..13641)], atpF [34440..35248], ycf3 [complement(43620..44354)], ycf3 [complement(44583..45309)], trnL-UAA [47940..48481], trnV-UAC [complement(52207..52797)], petB [72210..72962], petD [73806..74534], rpl16 [complement(78957..80030)], rpl2 [complement(82429..83091)], ndhB [complement(89085..89796)], trnI-GAU [96093..97038], trnA-UGC [97177..97991], ndhA [complement(114068..115087)], trnA-UGC [complement(123026..123840)], trnI-GAU [complement(123979..124924)], ndhB [131221..131932], rpl2 [137926..138588]
422.	AZIN	67	rps12 [complement(102976..103218)], rps12 [complement(73988..74101)], trnK-UUU [complement(1870..1907)], trnK-UUU [complement(4411..4447)], rps16 [complement(5448..5672)], rps16 [complement(6549..6590)], trnG-GCC [10453..10475], trnG-GCC [11194..11242], atpF [complement(13254..13664)], atpF [complement(14443..14586)], rpoC1 [complement(22777..24387)], rpoC1 [complement(25181..25603)], ycf3 [complement(45667..45819)], ycf3 [complement(46593..46820)], ycf3 [complement(47546..47674)], trnL-UAA [50984..51018], trnL-UAA [51542..51591], trnV-UAC [complement(55117..55153)], trnV-UAC [complement(55755..55793)], rps12 [145657..145899], clpP [complement(74252..74479)], clpP	trnK-UUU [complement(1908..4410)], rps16 [complement(5673..6548)], trnG-GCC [10476..11193], atpF [complement(13665..14442)], rpoC1 [complement(24388..25180)], ycf3 [complement(45820..46592)], ycf3 [complement(46821..47545)], trnL-UAA [51019..51541], trnV-UAC [complement(55154..55754)], clpP [complement(74480..75116)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75117..75407)], clpP [complement(76266..76334)], petB [79196..79201], petB [80025..80666], rpl16 [complement(85630..86031)], rpl16 [complement(87064..87072)], rpl2 [complement(88742..89176)], rpl2 [complement(89847..90236)], ndhB [complement(99373..100128)], ndhB [complement(100810..101586)], trnI-GAU [107158..107199], trnI-GAU [108154..108188], trnA-UGC [108259..108296], trnA-UGC [109099..109133], ndhA [complement(125193..125732)], ndhA [complement(126872..127423)], trnA-UGC [complement(139742..139776)], trnA-UGC [complement(140579..140616)], trnI-GAU [complement(140687..140721)], trnI-GAU [complement(141676..141717)], ndhB [147289..148065], ndhB [148747..149502], rpl2 [158639..159028], rpl2 [159699..160133]	[complement(75408..76265)], petB [79202..80024], rpl16 [complement(86032..87063)], rpl2 [complement(89177..89846)], ndhB [complement(100129..100809)], trnI-GAU [107200..108153], trnA-UGC [108297..109098], ndhA [complement(125733..126871)], trnA-UGC [complement(139777..140578)], trnI-GAU [complement(140722..141675)], ndhB [148066..148746], rpl2 [159029..159698]
423.	AZMA	28	rps12 [complement(97575..97817)], rps12 [complement(69277..69390)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4135..4171)], ycf3 [complement(43245..43474)], rps12 [137908..138150]	trnK-UUU [complement(1602..4134)], rps16 [complement(5197..6088)], rpoC1 [16328..17076], atpF [26809..27519], trnG-UCC [complement(30021..30753)], ycf3 [complement(42506..43244)], ycf3 [complement(43475..44164)], trnL-UAA [47185..47627], trnV-UAC [complement(51166..51738)], clpP [complement(69820..70437)], clpP [complement(70729..71541)], petB [74593..75329], petD [76168..76884], rpl2 [complement(84350..85018)], ndhB [complement(94756..95429)], trnI-GAU [101776..102550], trnA-UGC [102688..103507], ndhA [115807..116871], trnA-UGC [complement(132218..133037)], trnI-GAU [complement(133175..133949)], ndhB [140296..140969], rpl2 [150708..151376]
424.	AZSE	57	rps12 [complement(99317..99342)], rps12 [complement(99879..100110)], rps12 [complement(70385..70498)], trnK-UUU [complement(1597..1625)],	trnK-UUU [complement(1626..4187)], atpF [complement(10802..11440)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4188..4224)], atpF [complement(10313..10801)], atpF [complement(11441..11599)], ycf3 [complement(42474..42626)], ycf3 [complement(43349..43576)], ycf3 [complement(44300..44428)], trnL-UAA [46740..46776], trnL-UAA [47335..47384], trnV-UAC [complement(51578..51614)], trnV-UAC [complement(52208..52246)], rps12 [143256..143486], rps12 [144023..144049], clpP [complement(70665..70892)], clpP [complement(71494..71784)], clpP [complement(72624..72692)], rpl16 [complement(82234..82634)], rpl16 [complement(83809..83818)], rpl2 [complement(85594..86064)], rpl2 [complement(86694..87086)], ndhB [complement(96250..97005)], ndhB [complement(97688..98464)], trnI-GAU [104141..104182], trnI-GAU [105123..105157], trnA-UGC [105222..105259], trnA-UGC [106067..106101], ndhA [complement(122600..123145)], ndhA [complement(124248..124799)], trnA-UGC [complement(137265..137299)], trnA-UGC [complement(138107..138144)], trnI-GAU [complement(138209..138243)], trnI-GAU [complement(139184..139225)], ndhB [144902..145678], ndhB [146361..147116], rpl2 [156280..156672], rpl2 [157302..157772]	[complement(42627..43348)], ycf3 [complement(43577..44299)], trnL-UAA [46777..47334], trnV-UAC [complement(51615..52207)], clpP [complement(70893..71493)], clpP [complement(71785..72623)], rpl16 [complement(82635..83808)], rpl2 [complement(86065..86693)], ndhB [complement(97006..97687)], trnI-GAU [104183..105122], trnA-UGC [105260..106066], ndhA [complement(123146..124247)], trnA-UGC [complement(137300..138106)], trnI-GAU [complement(138244..139183)], ndhB [145679..146360], rpl2 [156673..157301]
425.	AZTE	72	rps12 [complement(97409..97434)], rps12 [complement(97975..98206)], rps12 [complement(69390..69503)], trnK [complement(1594..1628)], trnK [complement(4183..4219)], rps16 [complement(4893..5119)], rps16 [complement(5990..6029)], trnG [8254..8276], trnG [9003..9050], atpF [complement(11072..11481)], atpF [complement(12217..12361)], rpoC1 [complement(20219..21829)], rpoC1 [complement(22612..23043)], ycf3 [complement(42343..42495)], ycf3 [complement(43281..43510)], ycf3 [complement(44249..44372)], trnL [47033..47067], trnL [47570..47619], trnV [complement(51081..51117)], trnV [complement(51715..51753)], rps12 [139051..139282], rps12 [139823..139848], clpP [complement(69655..69882)], clpP [complement(70453..70744)], clpP [complement(71566..71636)], petB [74602..74607], petB [75364..76005], petD [76208..76215], petD [76933..77407], rpl16 [complement(80962..81360)], rpl16 [complement(82352..82360)], rpl2 [complement(84011..84444)], rpl2 [complement(85130..85520)], ndhB [complement(94354..95109)], ndhB	trnK [complement(1629..4182)], rps16 [complement(5120..5989)], trnG [8277..9002], atpF [complement(11482..12216)], rpoC1 [complement(21830..22611)], ycf3 [complement(42496..43280)], ycf3 [complement(43511..44248)], trnL [47068..47569], trnV [complement(51118..51714)], clpP [complement(69883..70452)], clpP [complement(70745..71565)], petB [74608..75363], petD [76216..76932], rpl16 [complement(81361..82351)], rpl2 [complement(84445..85129)], ndhB [complement(95110..95786)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(95787..96563)], trnI [102172..102208], trnI [103160..103194], trnA [103259..103296], trnA [104096..104130], ndhA [complement(118818..119356)], ndhA [complement(120466..121018)], trnA [complement(133127..133161)], trnA [complement(133961..133998)], trnI [complement(134063..134097)], trnI [complement(135049..135085)], ndhB [140694..141470], ndhB [142148..142903], rpl2 [151737..152127], rpl2 [152813..153246]	[102209..103159], trnA [103297..104095], ndhA [complement(119357..120465)], trnA [complement(133162..133960)], trnI [complement(134098..135048)], ndhB [141471..142147], rpl2 [152128..152812]
426.	BAAC	25	trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4359..4395)], trnG-UCC [9199..9221], trnG-UCC [9920..9967], trnL-UAA [49091..49125], trnL-UAA [49648..49697], trnV-UAC [complement(53190..53226)], trnV-UAC [complement(53836..53874)], rps12 [142207..142232], trnI-GAU [104084..104120], trnI-GAU [105078..105112], trnA-UGC [105177..105214], trnA-UGC [106022..106056], trnA-UGC [complement(135772..135806)], trnA-UGC [complement(136614..136651)], trnI-GAU [complement(136716..136750)], trnI-GAU [complement(137708..137744)]	trnK-UUU [complement(1844..4358)], trnG-UCC [9222..9919], trnL-UAA [49126..49647], trnV-UAC [complement(53227..53835)], trnI-GAU [104121..105077], trnA-UGC [105215..106021], trnA-UGC [complement(135807..136613)], trnI-GAU [complement(136751..137707)]
427.	BAAL	69	rps12 [complement(99789..99814)], rps12 [complement(100348..100579)], rps12 [complement(71997..72110)], trnH-GUG [complement(156992..156994)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1500..1534)], trnK-UUU [complement(4043..4079)], rps16 [complement(4826..5033)], rps16 [complement(5904..5944)], trnG-UCC [8612..8634], trnG-UCC [9347..9394], atpF [complement(11330..11739)], atpF [complement(12466..12610)], rpoC1 [complement(20198..21808)], rpoC1 [complement(22590..23021)], ycf3 [complement(42986..43138)], ycf3 [complement(43917..44144)], ycf3 [complement(44926..45051)], trnL-UAA [48148..48184], trnL-UAA [48794..48843], trnV-UAC [complement(52803..52837)], trnV-UAC [complement(53424..53461)], rps12 [143223..143454], rps12 [143988..144013], clpP [complement(72255..72482)], clpP [complement(73076..73367)], clpP [complement(74246..74316)], petB [77256..77261], petB [78021..78662], petD [78875..78882], petD [79662..80136], rpl16 [complement(83551..83949)], rpl16 [complement(85074..85082)], ndhB [complement(96754..97509)], ndhB [complement(98178..98954)], trnI-GAU [104187..104223], trnI-GAU	trnH-GUG [complement(156995..0)], trnK-UUU [complement(1535..4042)], rps16 [complement(5034..5903)], trnG-UCC [8635..9346], atpF [complement(11740..12465)], rpoC1 [complement(21809..22589)], ycf3 [complement(43139..43916)], ycf3 [complement(44145..44925)], trnL-UAA [48185..48793], trnV-UAC [complement(52838..53423)], clpP [complement(72483..73075)], clpP [complement(73368..74245)], petB [77262..78020], petD [78883..79661], rpl16 [complement(83950..85073)], ndhB [complement(97510..98177)], trnI-GAU [104224..105168], trnA-UGC [105312..106128], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105169..105203], trnA-UGC [105274..105311], trnA-UGC [106129..106163], ndhA [complement(123089..123627)], ndhA [complement(124722..125274)], trnA-UGC [complement(137639..137673)], trnA-UGC [complement(138491..138528)], trnI-GAU [complement(138599..138633)], trnI-GAU [complement(139579..139615)], ndhB [144848..145624], ndhB [146293..147048]	[complement(123628..124721)], trnA-UGC [complement(137674..138490)], trnI-GAU [complement(138634..139578)], ndhB [145625..146292]
428.	BAAR	61	rps12 [complement(91633..91661)], rps12 [complement(92202..92433)], rps12 [complement(69539..69652)], trnK-UUU [complement(1370..1402)], trnK-UUU [complement(3932..3972)], rps16 [complement(4508..4725)], rps16 [complement(5572..5611)], trnG-UCC [complement(13158..13205)], trnG-UCC [complement(13879..13901)], atpF [34709..34852], atpF [35708..36115], ycf3 [complement(43882..44040)], ycf3 [complement(44768..44997)], ycf3 [complement(45739..45862)], trnL-UAA [48608..48642], trnL-UAA [49182..49231], trnV-UAC [complement(52813..52849)], trnV-UAC [complement(53446..53484)], rps12 [129659..129890], rps12 [130431..130459], petB [73389..73394], petB [74226..74867], petD [75056..75063], petD [75812..76286], rpl16 [complement(79894..80301)], rpl16 [complement(81394..81402)], rpl2 [complement(83394..83825)], rpl2 [complement(84489..84878)], ndhB [complement(88560..89315)], ndhB [complement(90028..90804)], trnI-GAU [96258..96299], trnI-GAU [97248..97282], trnA-UGC [97346..97383], trnA-UGC [98196..98230], ndhA [complement(114391..114930)], ndhA [complement(115948..116505)], trnA-UGC [complement(123863..123897)], trnA-UGC [complement(124709..124746)], ndhB [131288..132064], ndhB [132777..133532], rpl2 [137214..137603], rpl2 [138270..138698]	trnK-UUU [complement(1403..3931)], rps16 [complement(4726..5571)], trnG-UCC [complement(13206..13878)], atpF [34853..35707], ycf3 [complement(44041..44767)], ycf3 [complement(44998..45738)], trnL-UAA [48643..49181], trnV-UAC [complement(52850..53445)], petB [73395..74225], petD [75064..75811], rpl16 [complement(80302..81393)], rpl2 [complement(83826..84488)], ndhB [complement(89316..90027)], trnI-GAU [96300..97247], trnA-UGC [97384..98195], ndhA [complement(114931..115947)], trnA-UGC [complement(123898..124708)], ndhB [132065..132776], rpl2 [137604..138269]
429.	BAAU	73	rps12 [complement(101334..101359)], rps12 [complement(101891..102119)], rps12 [complement(72470..72583)], trnK-UUU [complement(1424..1458)], trnK-UUU [complement(4171..4207)], rps16 [complement(4905..5122)], rps16 [complement(5964..6003)], trnG-GCC [10071..10099], trnG-GCC [10805..10851], atpF [complement(12766..13176)], atpF [complement(13928..14071)], rpoC1 [complement(21775..23386)], rpoC1 [complement(24142..24569)], ycf3 [complement(44412..44572)], ycf3	trnK-UUU [complement(1459..4170)], rps16 [complement(5123..5963)], trnG-GCC [10100..10804], atpF [complement(13177..13927)], rpoC1 [complement(23387..24141)], ycf3 [complement(44573..45294)], ycf3 [complement(45523..46251)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45295..45522)], ycf3 [complement(46252..46375)], trnL-UAA [49470..49504], trnL-UAA [50060..50109], trnV-UAC [complement(53880..53916)], trnV-UAC [complement(54524..54562)], rps12 [complement(72470..72583)], rps12 [143759..143987], rps12 [144519..144544], clpP [complement(72719..72970)], clpP [complement(73629..73920)], clpP [complement(74681..74751)], petB [77659..77664], petB [78445..79092], petD [79285..79292], petD [80049..80523], rpl16 [complement(84102..84500)], rpl16 [complement(85673..85681)], rpl2 [complement(87606..88037)], rpl2 [complement(88700..89089)], ndhB [complement(98260..99015)], ndhB [complement(99716..100492)], trnI-GAU [106154..106195], trnI-GAU [107132..107166], trnA-UGC [107231..107268], trnA-UGC [108076..108110], ndhA [complement(123408..123946)], ndhA [complement(125007..125559)], trnA-UGC [complement(137768..137802)], trnA-UGC [complement(138610..138647)], trnI-GAU [complement(138712..138746)], trnI-GAU [complement(139683..139724)], ndhB [145386..146162], ndhB [146863..147618], rpl2 [156789..157178], rpl2 [157841..158272]	[49505..50059], trnV-UAC [complement(53917..54523)], clpP [complement(72971..73628)], clpP [complement(73921..74680)], petB [77665..78444], petD [79293..80048], rpl16 [complement(84501..85672)], rpl2 [complement(88038..88699)], ndhB [complement(99016..99715)], trnI-GAU [106196..107131], trnA-UGC [107269..108075], ndhA [complement(123947..125006)], trnA-UGC [complement(137803..138609)], trnI-GAU [complement(138747..139682)], ndhB [146163..146862], rpl2 [157179..157840]
430.	BABA	61	rps12 [complement(91976..92004)], rps12 [complement(92545..92776)], rps12 [complement(69855..69968)], trnK-UUU [complement(1370..1402)], trnK-UUU [complement(3932..3972)], rps16 [complement(4503..4720)], rps16 [complement(5567..5606)], trnG-UCC [complement(13169..13216)], trnG-UCC [complement(13890..13912)], atpF [34987..35130], atpF [35985..36392], ycf3 [complement(44154..44312)], ycf3 [complement(45037..45266)], ycf3 [complement(46009..46132)], trnL-UAA [48880..48914], trnL-UAA [49454..49503], trnV-UAC [complement(53114..53150)], trnV-UAC [complement(53770..53808)], rps12 [129976..130207], rps12 [130748..130776], petB [73706..73711], petB [74541..75182], petD [75371..75378], petD [76127..76601], rpl16 [complement(80237..80644)], rpl16 [complement(81742..81750)], rpl2 [complement(83737..84168)], rpl2 [complement(84832..85221)], ndhB [complement(88903..89658)], ndhB [complement(90371..91147)], trnI-GAU [96601..96642], trnI-GAU [97591..97625], trnA-UGC [97689..97726], trnA-UGC [98539..98573], ndhA	trnK-UUU [complement(1403..3931)], rps16 [complement(4721..5566)], trnG-UCC [complement(13217..13889)], atpF [35131..35984], ycf3 [complement(44313..45036)], ycf3 [complement(45267..46008)], trnL-UAA [48915..49453], trnV-UAC [complement(53151..53769)], petB [73712..74540], petD [75379..76126], rpl16 [complement(80645..81741)], rpl2 [complement(84169..84831)], ndhB [complement(89659..90370)], trnI-GAU [96643..97590], trnA-UGC [97727..98538], ndhA [complement(115248..116264)], trnA-UGC [complement(124215..125025)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(114708..115247)], ndhA [complement(116265..116822)], trnA-UGC [complement(124180..124214)], trnA-UGC [complement(125026..125063)], ndhB [131605..132381], ndhB [133094..133849], rpl2 [137531..137920], rpl2 [138587..139015]	[132382..133093], rpl2 [137921..138586]
431.	BABE	67	rps12 [complement(100927..101169)], rps12 [complement(71820..71957)], trnK-UUU [complement(1760..1788)], trnK-UUU [complement(4306.4342)], rps16 [complement(5417..5646)], rps16 [complement(6529..6568)], trnG-GCC [9439..9461], trnG-GCC [10166..10214], atpF [complement(12516..12922)], atpF [complement(13642..13786)], rpoC1 [complement(22058..23674)], rpoC1 [complement(24446..24877)], ycf3 [complement(44622..44774)], ycf3 [complement(45499..45726)], ycf3 [complement(46449..46574)], trnL-UAA [49512..49548], trnL-UAA [50057..50106], trnV-UAC [complement(53600..53636)], trnV-UAC [complement(54238..54276)], rps12 [142377..142619], clpP [complement(72134..72376)], clpP [complement(72992..73282)], clpP [complement(74029..74097)], petB [77057..77062], petB [77890..78531], petD [78737..78744], petD [79452..79926], rpl16 [complement(83531..83932)], rpl16 [complement(85009..85017)], rpl2 [complement(86758..87192)], rpl2 [complement(87855..88247)], ndhB [complement(97312..98067)], ndhB [complement(98753..99529)], trnI-GAU [105126..105167], trnI-GAU [106116..106150], ndhA [complement(121999..122538)], ndhA [complement(123770..124321)], trnA-UGC [complement(136457..136491)], trnA-UGC [complement(137294..137331)], trnI-GAU [complement(137396..137430)], trnI-GAU [complement(138379..138420)], ndhB [144017..144793], ndhB [145479..146234], rpl2 [155299..155691], rpl2 [156354..156788]	trnK-UUU [complement(1789..4305)], rps16 [complement(5647..6528)], trnG-GCC [9462..10165], atpF [complement(12923..13641)], rpoC1 [complement(23675..24445)], ycf3 [complement(44775..45498)], ycf3 [complement(45727..46448)], trnL-UAA [49549..50056], trnV-UAC [complement(53637..54237)], clpP [complement(72377..72991)], clpP [complement(73283..74028)], petB [77063..77889], petD [78745..79451], rpl16 [complement(83933..85008)], rpl2 [complement(87193..87854)], ndhB [complement(98068..98752)], trnI-GAU [105168..106115], ndhA [complement(122539..123769)], trnA-UGC [complement(136492..137293)], trnI-GAU [complement(137431..138378)], ndhB [144794..145478], rpl2 [155692..156353]
432.	BABI	25	trnK-UUU [complement(2076..2110)], trnK-UUU [complement(4703..4739)], trnG-UCC [9123..9145], trnG-UCC [9868..9915], trnL-UAA [48535..48569], trnL-UAA [49094..49143], trnV-UAC [complement(52395..52431)], trnV-UAC [complement(53041..53079)], rps12 [141419..141444], trnI-GAU [103896..103932], trnI-GAU [104886..104920], trnA-UGC [104988..105025], trnA-UGC [105833..105867], trnA-UGC [complement(134983..135017)],	trnK-UUU [complement(2111..4702)], trnG-UCC [9146..9867], trnL-UAA [48570..49093], trnV-UAC [complement(52432..53040)], trnI-GAU [103933..104885], trnA-UGC [105026..105832], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(135825..135862)], trnI-GAU [complement(135930..135964)], trnI-GAU [complement(136918..136954)]	[complement(135018..135824)], trnI-GAU [complement(135965..136917)]
433.	BABR	63	rps12 [complement(99417..99442)], rps12 [complement(99983..100214)], rps12 [complement(71084..71197)], trnK-UUU [complement(1601..1635)], trnK-UUU [complement(4159..4195)], rps16 [complement(4612..4827)], rps16 [complement(5602..5649)], trnG-UCC [8658..8680], trnG-UCC [9436..9484], atpF [complement(11629..11976)], atpF [complement(12835..12993)], rpoC1 [complement(20960..22579)], rpoC1 [complement(23297..23728)], ycf3 [complement(43274..43426)], ycf3 [complement(44250..44477)], ycf3 [complement(45219..45344)], trnL-UAA [48076..48112], trnL-UAA [48644..48693], trnV-UAC [complement(52390..52426)], trnV-UAC [complement(53036..53074)], rps12 [141620..141850], rps12 [142392..142421], clpP [complement(71385..71612)], clpP [complement(72265..72555)], clpP [complement(73485..73553)], rpl2 [complement(86019..86453)], rpl2 [complement(87117..87506)], ndhB [complement(96356..97111)], ndhB [complement(97792..98571)], trnI-GAU [104198..104239], trnI-GAU [105083..105117], trnA-UGC [105187..105224], trnA-UGC [106026..106060], ndhA [complement(121405..121947)], ndhA [complement(122990..123541)], trnA-UGC [complement(135774..135808)], trnA-UGC [complement(136610..136647)], trnI-GAU [complement(136717..136751)], trnI-GAU [complement(137595..137636)], ndhB [143263..144042], ndhB [144726..145478], rpl2 [154328..154717], rpl2 [155381..155815]	trnK-UUU [complement(1636..4158)], rps16 [complement(4828..5601)], trnG-UCC [8681..9435], atpF [complement(11977..12834)], rpoC1 [complement(22580..23296)], ycf3 [complement(43427..44249)], ycf3 [complement(44478..45218)], trnL-UAA [48113..48643], trnV-UAC [complement(52427..53035)], clpP [complement(71613..72264)], clpP [complement(72556..73484)], rpl2 [complement(86454..87116)], ndhB [complement(97112..97791)], trnI-GAU [104240..105082], trnA-UGC [105225..106025], ndhA [complement(121948..122989)], trnA-UGC [complement(135809..136609)], trnI-GAU [complement(136752..137594)], ndhB [144043..144725], rpl2 [154718..155380]
434.	BACA	6	rps12 [complement(146665..146907)], rps12 [complement(118086..118199)], atpF [complement(57720..58115)], clpP [complement(120364..120432)]	trnG-GCC [54881..55603], atpF [complement(58116..58859)]
435.	BAE M	41	rps12 [complement(91815..91850)], rps12 [complement(92389..92619)], rps12 [complement(69740..69853)], trnK-UUU [complement(1369..1402)], trnK-UUU [complement(3908..3945)], trnG-UCC [complement(13187..13234)], trnG-UCC [complement(13908..13930)], atpF [34894..35052], atpF [35889..36296], trnL-UAA [48783..48817], trnL-UAA [49357..49406], trnV-UAC [complement(53014..53050)], trnV-UAC [complement(53647..53685)], trnI-GAU [96448..96489], trnI-GAU	trnK-UUU [complement(1403..3907)], rps16 [complement(4721..5566)], trnG-UCC [complement(13235..13907)], atpF [35053..35888], ycf3 [complement(44221..44945)], ycf3 [complement(45174..45904)], trnL-UAA [48818..49356], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[97436..97470], trnA-UGC [97536..97573], trnA-UGC [98385..98419], trnA-UGC [complement(124063..124097)], trnA-UGC [complement(124909..124946)], trnI-GAU [complement(125012..125046)], trnI-GAU [complement(125993..126034)]	[complement(53051..53646)], petB [73598..74422], petD [75261..76008], rpl16 [complement(80498..81582)], rpl2 [complement(84012..84671)], ndhB [complement(89502..90213)], trnI-GAU [96490..97435], trnA-UGC [97574..98384], ndhA [complement(115141..116156)], trnA-UGC [complement(124098..124908)], trnI-GAU [complement(125047..125992)], ndhB [132269..132980], rpl2 [137811..138470]
436.	BAFU	73	rps12 [complement(101700..101725)], rps12 [complement(102258..102489)], rps12 [complement(73077..73190)], trnK-UUU [complement(1607..1641)], trnK-UUU [complement(4169..4205)], rps16 [complement(5050..5254)], rps16 [complement(6114..6151)], trnG-GCC [9777..9799], trnG-GCC [10503..10550], atpF [complement(12527..12935)], atpF [complement(13659..13816)], rpoC1 [complement(21808..23433)], rpoC1 [complement(24164..24598)], ycf3 [complement(44595..44747)], ycf3 [complement(45499..45726)], ycf3 [complement(46441..46566)], trnL-UAA [complement(50030..50066)], trnL-UAA [complement(50587..50636)], trnV-UAC [complement(54623..54659)], trnV-UAC [complement(55252..55290)], rps12 [complement(73077..73190)], rps12 [144664..144895], rps12 [145428..145453], clpP [complement(73331..73559)], clpP [complement(74419..74709)], clpP [complement(75552..75619)], petB [78573..78578], petB [79346..80002], petD [80212..80220], petD [80927..81451], rpl16 [complement(84976..85377)], rpl16 [complement(86596..86604)], rpl2 [complement(88300..88734)], rpl2 [complement(89397..89795)], ndhB [complement(98650..99405)], ndhB [complement(100085..100861)], trnI-GAU [106445..106488], trnI-GAU [107423..107457], trnA-UGC [107522..107560], trnA-UGC [108368..108402], ndhA [complement(124140..124678)], ndhA [complement(125780..126332)], trnA-UGC [complement(138751..138785)], trnA-UGC [complement(139593..139631)], trnI-GAU [complement(139696..139730)],	trnK-UUU [complement(1642..4168)], rps16 [complement(5255..6113)], trnG-GCC [9800..10502], atpF [complement(12936..13658)], rpoC1 [complement(23434..24163)], ycf3 [complement(44748..45498)], ycf3 [complement(45727..46440)], trnL-UAA [complement(50067..50586)], trnV-UAC [complement(54660..55251)], clpP [complement(73560..74418)], clpP [complement(74710..75551)], petB [78579..79345], petD [80221..80926], rpl16 [complement(85378..86595)], rpl2 [complement(88735..89396)], ndhB [complement(99406..100084)], trnI-GAU [106489..107422], trnA-UGC [107561..108367], ndhA [complement(124679..125779)], trnA-UGC [complement(138786..139592)], trnI-GAU [complement(139731..140664)], ndhB [147069..147747], rpl2 [157757..158418]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(140665..140708)], ndhB [146292..147068], ndhB [147748..148503], rpl2 [157358..157756], rpl2 [158419..158853]	
437.	BAGE	28	rps12 [complement(98700..98942)], rps12 [complement(70140..70253)], trnK-UUU [complement(1564..1593)], trnK-UUU [complement(4127..4163)], ycf3 [complement(43727..43956)], rps12 [139222..139464]	trnK-UUU [complement(1594..4126)], rps16 [complement(5176..6058)], rpoC1 [16479..17206], atpF [26945..27662], trnG-UCC [complement(30143..30875)], ycf3 [complement(42988..43726)], ycf3 [complement(43957..44647)], trnL-UAA [47745..48188], trnV-UAC [complement(51757..52329)], clpP [complement(70683..71300)], clpP [complement(71592..72399)], petB [75480..76206], petD [77045..77833], rpl2 [complement(85481..86151)], ndhB [complement(95881..96554)], trnI-GAU [102895..103669], trnA-UGC [103807..104626], ndhA [116942..118010], trnA-UGC [complement(133538..134357)], trnI-GAU [complement(134495..135269)], ndhB [141610..142283], rpl2 [152014..152684]
438.	BAGU	67	rps12 [complement(100115..100140)], rps12 [complement(100677..100908)], rps12 [complement(71130..71243)], trnK-UUU [complement(1689..1717)], trnK-UUU [complement(4287..4323)], trnG-UCC [7858..7879], trnG-UCC [8588..8638], atpF [complement(10640..11111)], atpF [complement(11781..11926)], rpoC1 [complement(19994..21619)], rpoC1 [complement(22405..22839)], ycf3 [complement(43313..43465)], ycf3 [complement(44176..44403)], ycf3 [complement(45130..45258)], trnL-UAA [47536..47572], trnL-UAA [48164..48213], trnV-UAC [complement(52329..52365)], trnV-UAC [complement(52963..53001)], rps12 [complement(71130..71243)], rps12 [143533..143763], rps12 [144300..144326], clpP [complement(71421..71648)], clpP	trnK-UUU [complement(1718..4286)], trnG-UCC [7880..8587], atpF [complement(11112..11780)], rpoC1 [complement(21620..22404)], ycf3 [complement(43466..44175)], ycf3 [complement(44404..45129)], trnL-UAA [47573..48163], trnV-UAC [complement(52366..52962)], clpP [complement(71649..72257)], clpP [complement(72549..73404)], petB [76518..77328], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72258..72548)], clpP [complement(73405..73473)], petB [76513..76517], petB [77329..77971], rpl16 [complement(83049..83449)], rpl16 [complement(84593..84602)], rpl2 [complement(86380..86850)], rpl2 [complement(87480..87872)], ndhB [complement(97048..97803)], ndhB [complement(98486..99262)], trnI-GAU [104966..105007], trnI-GAU [105950..105984], trnA-UGC [106049..106086], trnA-UGC [106894..106928], ndhA [complement(122852..123397)], ndhA [complement(124489..125040)], trnA-UGC [complement(137513..137547)], trnA-UGC [complement(138355..138392)], trnI-GAU [complement(138457..138491)], trnI-GAU [complement(139434..139475)], ndhB [145179..145955], ndhB [146638..147393], rpl2 [156569..156961], rpl2 [157591..158061]	[complement(83450..84592)], rpl2 [complement(86851..87479)], ndhB [complement(97804..98485)], trnI-GAU [105008..105949], trnA-UGC [106087..106893], ndhA [complement(123398..124488)], trnA-UGC [complement(137548..138354)], trnI-GAU [complement(138492..139433)], ndhB [145956..146637], rpl2 [156962..157590]
439.	BAJA	40	trnK-UUU [complement(1301..1335)], trnK-UUU [complement(3935..3971)], trnG-UCC [9558..9580], trnG-UCC [10269..10316], trnL-UAA [47643..47677], trnL-UAA [48215..48264], trnV-UAC [complement(52330..52366)], trnV-UAC [complement(52961..52999)], rps12 [142164..142189], trnI-GAU [103660..103696], trnI-GAU [104639..104673], trnA-UGC [104738..104775], trnA-UGC [105596..105630], trnA-UGC [complement(135507..135541)], trnA-UGC [complement(136362..136399)], trnI-GAU [complement(136464..136498)], trnI-GAU [complement(137441..137477)]	trnK-UUU [complement(1336..3934)], rps16 [complement(4821..5686)], trnG-UCC [9581..10268], atpF [complement(12652..13473)], rpoC1 [complement(22696..23431)], ycf3 [complement(43574..44308)], ycf3 [complement(44537..45273)], trnL-UAA [47678..48214], trnV-UAC [complement(52367..52960)], clpP [complement(71204..71887)], clpP [complement(72180..72978)], petB [75893..76658], petD [77515..78256], rpl16 [complement(82624..83615)], rpl2 [complement(85911..86572)], ndhB [complement(96636..97334)], trnI-GAU [103697..104638], trnA-UGC [104776..105595], ndhA [complement(121592..122697)], trnA-UGC [complement(135542..136361)], trnI-GAU [complement(136499..137440)], ndhB [143803..144501], rpl2 [154565..155226]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
440.	BAKU	73	rps12 [complement(103766..103791)], rps12 [complement(104328..104559)], rps12 [complement(75486..75599)], trnK [complement(1907..1941)], trnK [complement(4480..4516)], rps16 [complement(5301..5488)], rps16 [complement(6365..6404)], trnG [10687..10709], trnG [11455..11492], atpF [complement(13423..13833)], atpF [complement(14571..14714)], rpoC1 [complement(22900..24522)], rpoC1 [complement(25266..25694)], psbD [36465..36686], psbD [36744..37526], ycf3 [complement(46118..46272)], ycf3 [complement(47072..47299)], ycf3 [complement(48044..48167)], trnV [complement(56254..56290)], trnV [complement(56884..56921)], rps12 [complement(75486..75599)], rps12 [145519..145750], rps12 [146287..146312], clpP [complement(75733..75978)], clpP [complement(76616..76907)], clpP [complement(77694..77764)], petB [80651..80656], petB [81461..82102], petD [82307..82312], petD [82951..83457], rpl16 [complement(87167..87565)], rpl16 [complement(88345..88353)], rpl2 [complement(90063..90493)], rpl2 [complement(91164..91554)], ndhB [complement(100685..101440)], ndhB [complement(102151..102927)], trnI [108434..108475], trnI [109425..109459], trnA [109523..109560], trnA [110354..110388], ndhA [complement(125218..125756)], ndhA [complement(126686..127232)], trnA [complement(139690..139724)], trnA [complement(140518..140555)], trnI [complement(140619..140653)], trnI [complement(141603..141644)], ndhB [147151..147927], ndhB [148638..149393], rpl2 [158524..158914], rpl2 [159585..160015]	trnK [complement(1942..4479)], rps16 [complement(5489..6364)], trnG [10710..11454], atpF [complement(13834..14570)], rpoC1 [complement(24523..25265)], psbD [36687..36743], ycf3 [complement(46273..47071)], ycf3 [complement(47300..48043)], trnV [complement(56291..56883)], clpP [complement(75979..76615)], clpP [complement(76908..77693)], petB [80657..81460], petD [82313..82950], rpl16 [complement(87566..88344)], rpl2 [complement(90494..91163)], ndhB [complement(101441..102150)], trnI [108476..109424], trnA [109561..110353], ndhA [complement(125757..126685)], trnA [complement(139725..140517)], trnI [complement(140654..141602)], ndhB [147928..148637], rpl2 [158915..159584]
441.	BALO	73	rps12 [complement(102380..102405)], rps12 [complement(102942..103173)], rps12 [complement(74309..74422)], trnK-UUU [complement(1713..1747)], trnK-UUU [complement(4272..4308)], rps16 [complement(5085..5272)], rps16 [complement(6092..6131)], trnG-UCC [10342..10364], trnG-UCC [11127..11174], atpF [complement(13105..13514)], atpF [complement(14252..14396)], rpoC1 [complement(22494..24116)], rpoC1 [complement(24865..25296)], ycf3 [complement(45367..45519)], ycf3 [complement(46322..46551)], ycf3 [complement(47296..47419)], trnL-UAA [50118..50153], trnL-UAA [50579..50628], trnV-UAC	trnK-UUU [complement(1748..4271)], rps16 [complement(5273..6091)], trnG-UCC [10365..11126], atpF [complement(13515..14251)], rpoC1 [complement(24117..24864)], ycf3 [complement(45520..46321)], ycf3 [complement(46552..47295)], trnL-UAA [50154..50578], trnV-UAC [complement(55410..56006)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(55375..55409)], trnV-UAC [complement(56007..56044)], rps12 [complement(74309..74422)], rps12 [143903..144134], rps12 [144671..144696], clpP [complement(74561..74806)], clpP [complement(75430..75721)], clpP [complement(76496..76566)], petB [79453..79458], petB [80251..80892], petD [81097..81102], petD [81745..82251], rpl16 [complement(85863..86261)], rpl16 [complement(87026..87034)], rpl2 [complement(88738..89168)], rpl2 [complement(89834..90224)], ndhB [complement(99304..100059)], ndhB [complement(100765..101541)], trnI-GAU [107022..107058], trnI-GAU [108014..108048], trnA-UGC [108112..108149], trnA-UGC [108956..108990], ndhA [complement(123669..124207)], ndhA [complement(125124..125670)], trnA-UGC [complement(138086..138120)], trnA-UGC [complement(138927..138964)], trnI-GAU [complement(139028..139062)], trnI-GAU [complement(140018..140054)], ndhB [145535..146311], ndhB [147017..147772], rpl2 [156852..157242], rpl2 [157908..158338]</p>	<p>[complement(74807..75429)], clpP [complement(75722..76495)], petB [79459..80250], petD [81103..81744], rpl16 [complement(86262..87025)], rpl2 [complement(89169..89833)], ndhB [complement(100060..100764)], trnI-GAU [107059..108013], trnA-UGC [108150..108955], ndhA [complement(124208..125123)], trnA-UGC [complement(138121..138926)], trnI-GAU [complement(139063..140017)], ndhB [146312..147016], rpl2 [157243..157907]</p>
442.	BAM A	55	<p>rps12 [complement(97179..97204)], rps12 [complement(97741..97972)], rps12 [complement(69926..70039)], trnK-UUU [complement(4512..4546)], trnK-UUU [complement(7083..7119)], rps16 [complement(7453..7678)], rps16 [complement(8553..8593)], trnG-UCC [10087..10109], trnG-UCC [10823..10870], atpF [complement(12871..13280)], atpF [complement(14026..14170)], rpoC1 [complement(21733..23343)], rpoC1 [complement(24130..24561)], ycf3 [complement(43472..43624)], ycf3 [complement(44377..44604)], ycf3 [complement(45371..45496)], trnL-UAA [47808..47844], trnL-UAA [48405..48454], trnV-UAC [complement(51656..51690)], trnV-UAC [complement(52290..52328)], clpP [complement(70183..70410)], clpP [complement(71034..71325)], clpP [complement(71936..72006)], petB [74983..74988], petB [75755..76396], petD [76604..76611], petD [77288..77762], rpl16 [complement(81196..81594)], rpl16 [complement(82561..82569)], ndhB [complement(94136..94891)], ndhB [complement(95560..96336)], trnI-GAU [101573..101609], trnI-GAU [102555..102589], trnA-UGC [102660..102697], trnA-UGC [103516..103550], ndhA [complement(118382..118920)], ndhA [complement(119921..120473)]</p>	<p>trnK-UUU [complement(4547..7082)], rps16 [complement(7679..8552)], trnG-UCC [10110..10822], atpF [complement(13281..14025)], rpoC1 [complement(23344..24129)], ycf3 [complement(43625..44376)], ycf3 [complement(44605..45370)], trnL-UAA [47845..48404], trnV-UAC [complement(51691..52289)], clpP [complement(70411..71033)], clpP [complement(71326..71935)], petB [74989..75754], petD [76612..77287], rpl16 [complement(81595..82560)], ndhB [complement(94892..95559)], trnI-GAU [101610..102554], trnA-UGC [102698..103515], ndhA [complement(118921..119920)]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
443.	BAMU	39	rps12 [complement(92312..92554)], rps12 [complement(69679..69792)], trnK-UUU [complement(1369..1402)], trnK-UUU [complement(3908..3945)], trnG-UCC [complement(13145..13192)], trnG-UCC [complement(13866..13888)], trnL-UAA [48711..48745], trnL-UAA [49285..49334], trnV-UAC [complement(52948..52984)], trnV-UAC [complement(53581..53619)], rps12 [129764..130006], trnI-GAU [96379..96420], trnI-GAU [97367..97401], trnA-UGC [97467..97504], trnA-UGC [98316..98350], trnA-UGC [complement(123968..124002)], trnA-UGC [complement(124814..124851)], trnI-GAU [complement(124917..124951)], trnI-GAU [complement(125898..125939)]	trnK-UUU [complement(1403..3907)], rps16 [complement(4721..5566)], trnG-UCC [complement(13193..13865)], atpF [34984..35818], ycf3 [complement(44150..44874)], ycf3 [complement(45103..45833)], trnL-UAA [48746..49284], trnV-UAC [complement(52985..53580)], petB [73534..74360], petD [75199..75946], rpl16 [complement(80433..81517)], rpl2 [complement(83947..84606)], ndhB [complement(89437..90148)], trnI-GAU [96421..97366], trnA-UGC [97505..98315], ndhA [complement(115046..116061)], trnA-UGC [complement(124003..124813)], trnI-GAU [complement(124952..125897)], ndhB [132170..132881], rpl2 [137712..138371]
444.	BAOE	73	rps12 [complement(105221..105246)], rps12 [complement(105793..106024)], rps12 [complement(76519..76632)], trnK-UUU [complement(1802..1836)], trnK-UUU [complement(4366..4402)], rps16 [complement(5370..5599)], rps16 [complement(6474..6513)], trnG-UCC [10635..10657], trnG-UCC [11361..11408], atpF [complement(13808..14217)], atpF [complement(14976..15120)], rpoC1 [complement(23293..24903)], rpoC1 [complement(25692..26144)], ycf3 [complement(46888..47040)], ycf3 [complement(47725..47952)], ycf3 [complement(48708..48833)], trnL-UAA [53338..53372], trnL-UAA [53885..53934], trnV-UAC [complement(58042..58076)], trnV-UAC [complement(58689..58727)], rps12 [complement(76519..76632)], rps12 [149292..149523], rps12 [150070..150095], clpP [complement(76797..77024)], clpP [complement(77716..78007)], clpP [complement(78908..78978)], petB [81844..81849], petB [82646..83287], petD [83496..83503], petD [84211..84685], rpl16 [complement(88258..88656)], rpl16	trnK-UUU [complement(1837..4365)], rps16 [complement(5600..6473)], trnG-UCC [10658..11360], atpF [complement(14218..14975)], rpoC1 [complement(24904..25691)], ycf3 [complement(47041..47724)], ycf3 [complement(47953..48707)], trnL-UAA [53373..53884], trnV-UAC [complement(58077..58688)], clpP [complement(77025..77715)], clpP [complement(78008..78907)], petB [81850..82645], petD [83504..84210], rpl16 [complement(88657..89769)], rpl2 [complement(92002..92680)], ndhB [complement(102923..103602)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89770..89778)], rpl2 [complement(91568..92001)], rpl2 [complement(92681..93071)], ndhB [complement(102167..102922)], ndhB [complement(103603..104379)], trnI-GAU [109840..109876], trnI-GAU [110824..110858], trnA-UGC [110923..110960], trnA-UGC [111768..111802], ndhA [complement(128778..129317)], ndhA [complement(130468..131019)], trnA-UGC [complement(143514..143548)], trnA-UGC [complement(144356..144393)], trnI-GAU [complement(144458..144492)], trnI-GAU [complement(145440..145476)], ndhB [150937..151713], ndhB [152394..153149], rpl2 [162245..162635], rpl2 [163315..163748]	[109877..110823], trnA-UGC [110961..111767], ndhA [complement(129318..130467)], trnA-UGC [complement(143549..144355)], trnI-GAU [complement(144493..145439)], ndhB [151714..152393], rpl2 [162636..163314]
445.	BAOL	62	rps12 [complement(91716..91744)], rps12 [complement(92285..92516)], rps12 [complement(69640..69753)], trnK [complement(1370..1402)], trnK [complement(3931..3968)], rps16 [complement(4499..4716)], rps16 [complement(5563..5602)], trnG [complement(13141..13188)], trnG [complement(13862..13884)], atpF [34780..34923], atpF [35766..36173], ycf3 [complement(43938..44096)], ycf3 [complement(44821..45050)], ycf3 [complement(45788..45911)], trnL [48647..48681], trnL [49222..49271], trnV [complement(52907..52943)], trnV [complement(53542..53580)], petB [73490..73495], petB [74321..74962], petD [75151..75158], petD [75907..76381], rpl16 [complement(79958..80395)], rpl16 [complement(81480..81488)], rpl2 [complement(83477..83908)], rpl2 [complement(84569..84961)], ndhB [complement(88643..89398)], ndhB [complement(90111..90887)], trnI [96337..96378], trnI [97327..97361], trnA [97425..97462], trnA [98275..98309], ndhA [complement(114470..115009)], ndhA [complement(116017..116574)], trnA [complement(123932..123966)], trnA [complement(124778..124815)], trnI [complement(124881..124915)], trnI [complement(124862..124903)], ndhB [131353..132129], ndhB [132842..133597], rpl2 [137279..137671], rpl2 [138335..138763]	trnK [complement(1403..3930)], rps16 [complement(4717..5562)], trnG [complement(13189..13861)], atpF [34924..35765], ycf3 [complement(44097..44820)], ycf3 [complement(45051..45787)], trnL [48682..49221], trnV [complement(52944..53541)], petB [73496..74320], petD [75159..75906], rpl16 [complement(80396..81479)], rpl2 [complement(83909..84568)], ndhB [complement(89399..90110)], trnI [96379..97326], trnA [97463..98274], ndhA [complement(115010..116016)], trnA [complement(123967..124777)], trnI [complement(124916..124861)], ndhB [132130..132841], rpl2 [137672..138334]
446.	BARA	73	rps12 [complement(101783..101808)], rps12 [complement(102341..102572)], rps12 [complement(73143..73256)], trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4171..4207)], rps16 [complement(5052..5256)], rps16 [complement(6116..6153)], trnG-GCC [9778..9800], trnG-GCC [10503..10550], atpF [complement(12527..12935)], atpF	trnK-UUU [complement(1644..4170)], rps16 [complement(5257..6115)], trnG-GCC [9801..10502], atpF [complement(12936..13658)], rpoC1 [complement(23434..24163)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13659..13816)], rpoC1 [complement(21808..23433)], rpoC1 [complement(24164..24598)], ycf3 [complement(44594..44746)], ycf3 [complement(45498..45725)], ycf3 [complement(46440..46565)], trnL-UAA [complement(50029..50065)], trnL-UAA [complement(50587..50636)], trnV-UAC [complement(54623..54659)], trnV-UAC [complement(55252..55290)], rps12 [complement(73143..73256)], rps12 [144721..144952], rps12 [145485..145510], clpP [complement(73397..73625)], clpP [complement(74484..74774)], clpP [complement(75617..75684)], petB [78638..78643], petB [79411..80067], petD [80277..80285], petD [80992..81516], rpl16 [complement(85041..85442)], rpl16 [complement(86661..86669)], rpl2 [complement(88365..88799)], rpl2 [complement(89462..89860)], ndhB [complement(98733..99488)], ndhB [complement(100168..100944)], trnI-GAU [106515..106558], trnI-GAU [107493..107527], trnA-UGC [107592..107630], trnA-UGC [108438..108472], ndhA [complement(124211..124749)], ndhA [complement(125851..126403)], trnA-UGC [complement(138821..138855)], trnA-UGC [complement(139663..139701)], trnI-GAU [complement(139766..139800)], trnI-GAU [complement(140735..140778)], ndhB [146349..147125], ndhB [147805..148560], rpl2 [157433..157831], rpl2 [158494..158928]	[complement(44747..45497)], ycf3 [complement(45726..46439)], trnL-UAA [complement(50066..50586)], trnV-UAC [complement(54660..55251)], clpP [complement(73626..74483)], clpP [complement(74775..75616)], petB [78644..79410], petD [80286..80991], rpl16 [complement(85443..86660)], rpl2 [complement(88800..89461)], ndhB [complement(99489..100167)], trnI-GAU [106559..107492], trnA-UGC [107631..108437], ndhA [complement(124750..125850)], trnA-UGC [complement(138856..139662)], trnI-GAU [complement(139801..140734)], ndhB [147126..147804], rpl2 [157832..158493]
447.	BASY	26	rps12 [complement(71772..71885)], trnK-UUU [complement(2089..2123)], trnK-UUU [complement(4683..4719)], trnG-UCC [9463..9485], trnG-UCC [10170..10217], trnL-UAA [49918..49952], trnL-UAA [50464..50513], trnV-UAC [complement(54006..54042)], trnV-UAC [complement(54653..54691)], rps12 [146068..146093], trnI-GAU [105738..105774], trnI-GAU [106629..106663], trnA-UGC [106728..106765], trnA-UGC [107568..107602], trnA-UGC [complement(139724..139758)], trnA-UGC [complement(140561..140598)], trnI-GAU [complement(140663..140697)], trnI-GAU [complement(141552..141588)]	trnK-UUU [complement(2124..4682)], trnG-UCC [9486..10169], trnL-UAA [49953..50463], trnV-UAC [complement(54043..54652)], trnI-GAU [105775..106628], trnA-UGC [106766..107567], trnA-UGC [complement(139759..140560)], trnI-GAU [complement(140698..141551)]
448.	BATR	28	rps12 [complement(97808..98050)], rps12 [complement(69383..69496)], trnK-UUU [complement(1563..1592)], trnK-UUU [complement(4126..4162)], ycf3 [complement(43009..43238)], rps12 [138339..138581]	trnK-UUU [complement(1593..4125)], rps16 [complement(5169..6066)], rpoC1 [16374..17107], atpF [26857..27567], trnG-UCC [complement(30054..30786)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42270..43008)], ycf3 [complement(43239..43928)], trnL-UAA [47057..47500], trnV-UAC [complement(51034..51606)], clpP [complement(69926..70529)], clpP [complement(70821..71630)], petB [74735..75464], petD [76303..77084], rpl2 [complement(84580..85250)], ndhB [complement(94988..95662)], trnI-GAU [102014..102788], trnA-UGC [102926..103745], ndhA [116053..117128], trnA-UGC [complement(132644..133463)], trnI-GAU [complement(133601..134375)], ndhB [140727..141401], rpl2 [151140..151810]
449.	BAVE	72	rps12 [complement(97243..97268)], rps12 [complement(97806..98037)], rps12 [complement(68781..68894)], trnK [complement(1692..1726)], trnK [complement(4285..4321)], rps16 [complement(5041..5267)], rps16 [complement(6154..6193)], trnG [8580..8602], trnG [9322..9370], atpF [complement(11470..11879)], atpF [complement(12610..12754)], rpoC1 [complement(20216..21826)], rpoC1 [complement(22611..23042)], ycf3 [complement(42414..42566)], ycf3 [complement(43364..43591)], ycf3 [complement(44305..44430)], trnL [46716..46750], trnL [47261..47310], trnV [complement(51237..51271)], trnV [complement(51867..51905)], rps12 [139931..140162], rps12 [140700..140725], clpP [complement(69077..69304)], clpP [complement(69882..70173)], clpP [complement(71058..71128)], petB [74067..74072], petB [74866..75507], petD [75705..75712], petD [76431..76905], rpl16 [complement(80395..80793)], rpl16 [complement(81902..81910)], rpl2 [complement(83603..84037)], rpl2 [complement(84720..85109)], ndhB [complement(94185..94946)], ndhB [complement(95632..96354)], trnI [102062..102098], trnI [103046..103080], trnA [103145..103182], trnA [103983..104017], ndhA	trnK [complement(1727..4284)], rps16 [complement(5268..6153)], trnG [8603..9321], atpF [complement(11880..12609)], rpoC1 [complement(21827..22610)], ycf3 [complement(42567..43363)], ycf3 [complement(43592..44304)], trnL [46751..47260], trnV [complement(51272..51866)], clpP [complement(69305..69881)], clpP [complement(70174..71057)], petB [74073..74865], petD [75713..76430], rpl16 [complement(80794..81901)], rpl2 [complement(84038..84719)], ndhB [complement(94947..95631)], trnI [102099..103045], trnA [103183..103982], ndhA [complement(120166..121254)], trnA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(119636..120165)], ndhA [complement(121255..121807)], trnA [complement(133951..133985)], trnA [complement(134786..134823)], trnI [complement(134888..134922)], trnI [complement(135870..135906)], ndhB [141614..142336], ndhB [143022..143783], rpl2 [152859..153248], rpl2 [153931..154365]	[complement(133986..134785)], trnI [complement(134923..135869)], ndhB [142337..143021], rpl2 [153249..153930]
450.	BAVN	41	rps12 [complement(91819..91854)], rps12 [complement(92393..92623)], rps12 [complement(69748..69861)], trnK-UUU [complement(1369..1402)], trnK-UUU [complement(3908..3945)], trnG-UCC [complement(13170..13217)], trnG-UCC [complement(13891..13913)], atpF [34872..35030], atpF [35868..36275], trnL-UAA [48759..48793], trnL-UAA [49333..49382], trnV-UAC [complement(53017..53053)], trnV-UAC [complement(53650..53688)], trnI-GAU [96448..96489], trnI-GAU [97436..97470], trnA-UGC [97536..97573], trnA-UGC [98385..98419], trnA-UGC [complement(124038..124072)], trnA-UGC [complement(124884..124921)], trnI-GAU [complement(124987..125021)], trnI-GAU [complement(125968..126009)]	trnK-UUU [complement(1403..3907)], rps16 [complement(4721..5566)], trnG-UCC [complement(13218..13890)], atpF [35031..35867], ycf3 [complement(44199..44922)], ycf3 [complement(45151..45881)], trnL-UAA [48794..49332], trnV-UAC [complement(53054..53649)], petB [73604..74430], petD [75269..76016], rpl16 [complement(80506..81590)], rpl2 [complement(84016..84675)], ndhB [complement(89506..90217)], trnI-GAU [96490..97435], trnA-UGC [97574..98384], ndhA [complement(115116..116131)], trnA-UGC [complement(124073..124883)], trnI-GAU [complement(125022..125967)], ndhB [132240..132951], rpl2 [137782..138441]
451.	BEAC	49	rps12 [complement(99070..99095)], rps12 [complement(99636..99867)], rps12 [complement(70769..70882)], trnK [complement(1617..1651)], trnK [complement(4187..4223)], rps16 [complement(4656..4873)], rps16 [complement(5623..5662)], trnG [8405..8427], trnG [9198..9246], atpF [complement(11443..11852)], atpF [complement(12669..12813)], rpoC1 [complement(20908..22524)], rpoC1 [complement(23247..23678)], ycf3 [complement(43366..43518)], ycf3 [complement(44323..44550)], ycf3 [complement(45288..45413)], trnL [47874..47908], trnL [48329..48378], trnV [complement(52112..52146)], trnV [complement(52763..52801)], rps12 [141750..141981], rps12 [142522..142547], clpP [complement(71095..71322)],	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(71968..72259)], clpP [complement(73209..73279)], petB [76191..76196], petB [76959..77600], petD [77796..77803], petD [78621..79095], rpl16 [complement(82552..82950)], rpl16 [complement(83959..83967)], rpl2 [complement(85709..86143)], rpl2 [complement(86807..87196)], ndhB [complement(96006..96761)], ndhB [complement(97445..98224)], trnI [103827..103863], trnI [104710..104744], trnA [104814..104851], trnA [105653..105687], ndhA [complement(121514..122052)], ndhA [complement(123074..123626)], trnA [complement(135930..135964)], trnA [complement(136766..136803)], trnI [complement(136873..136907)], trnI [complement(137754..137790)], ndhB [143393..144172], ndhB [144856..145611], rpl2 [154421..154810], rpl2 [155474..155908]</p>	
452.	BEA M	79	<p>rps12 [complement(97599..97624)], rps12 [complement(98161..98392)], rps12 [complement(70542..70655)], trnK-UUU [complement(1813..1847)], trnK-UUU [complement(4353..4389)], rps16 [complement(4965..5161)], rps16 [complement(6058..6097)], trnG-GCC [8752..8774], trnG-GCC [9499..9535], atpF [complement(11507..11917)], atpF [complement(12628..12786)], rpoC1 [complement(20434..22044)], rpoC1 [complement(22805..23257)], ycf3 [complement(43032..43184)], ycf3 [complement(43932..44159)], ycf3 [complement(44883..45011)], trnL-UAA [48106..48140], trnL-UAA [48630..48679], trnV-UAC [complement(53160..53196)], trnV-UAC [complement(53785..53823)], clpP [complement(71177..71420)], clpP [complement(72155..72445)], clpP [complement(73184..73254)], petB [76191..76196], petB [76961..77614], petD [77812..77819], petD [78503..78998], rpl16 [complement(82445..82843)], rpl16 [complement(83670..83678)], rpl2 [complement(85406..85839)], rpl2 [complement(86499..86880)], ndhB [complement(94524..95282)], ndhB [complement(95974..96750)], trnI-GAU [102177..102218], trnI-GAU [103158..103192], trnA-UGC [103257..103294], trnA-UGC [104095..104129], ndhA [complement(120993..121532)], ndhA [complement(122573..123127)], trnA-UGC [complement(136107..136141)], trnA-UGC [complement(136942..136979)], trnI-GAU [complement(137044..137078)],</p>	<p>trnK-UUU [complement(1848..4352)], rps16 [complement(5162..6057)], trnG-GCC [8775..9498], atpF [complement(11918..12627)], rpoC1 [complement(22045..22804)], ycf3 [complement(43185..43931)], ycf3 [complement(44160..44882)], trnL-UAA [48141..48629], trnV-UAC [complement(53197..53784)], clpP [complement(71421..72154)], clpP [complement(72446..73183)], petB [76197..76960], petD [77820..78502], rpl16 [complement(82844..83669)], rpl2 [complement(85840..86498)], ndhB [complement(95283..95973)], trnI-GAU [102219..103157], trnA-UGC [103295..104094], ndhA [complement(121533..122572)], trnA-UGC [complement(136142..136941)], trnI-GAU [complement(137079..138017)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138018..138059)], ndhB [143486..144364], ndhB [144954..145712], rpl2 [153356..153737], rpl2 [154397..154830], rpl16 [156558..156566], rpl16 [157393..157791], petD [complement(161238..161733)], petD [complement(162417..162424)], petB [complement(162622..163275)], petB [complement(164040..164045)]	[144365..144953], rpl2 [153738..154396], rpl16 [156567..157392], petD [complement(161734..162416)], petB [complement(163276..164039)]
453.	BEAR	78	rps12 [complement(97565..97590)], rps12 [complement(98127..98358)], rps12 [complement(70436..70549)], trnK-UUU [complement(1799..1833)], trnK-UUU [complement(4334..4370)], rps16 [complement(4954..5150)], rps16 [complement(6071..6110)], atpF [complement(11497..11906)], atpF [complement(12614..12773)], rpoC1 [complement(20431..22050)], rpoC1 [complement(22798..23232)], ycf3 [complement(43024..43176)], ycf3 [complement(43922..44149)], ycf3 [complement(44873..45001)], trnL-UAA [48076..48110], trnL-UAA [48602..48651], trnV-UAC [complement(53131..53167)], trnV-UAC [complement(53755..53793)], rps12 [141240..141471], rps12 [142008..142033], clpP [complement(71038..71313)], clpP [complement(72035..72331)], clpP [complement(73060..73128)], petB [76059..76064], petB [76837..77490], petD [77688..77695], petD [78379..78877], rpl16 [complement(82328..82726)], rpl16 [complement(83557..83565)], rpl2 [complement(85293..85727)], rpl2 [complement(86384..86767)], ndhB [complement(94490..95248)], ndhB [complement(95940..96716)], trnI-GAU [102143..102184], trnI-GAU [103124..103158], trnA-UGC [103223..103260], trnA-UGC [104061..104095], ndhA [116792..117358], ndhA [118395..118934], trnA-UGC [complement(135503..135537)], trnA-UGC [complement(136338..136375)], trnI-GAU [complement(136440..136474)], trnI-GAU [complement(137414..137455)], ndhB [142882..143658], ndhB [144350..145108], rpl2 [152813..153214], rpl2 [153775..154305], rpl16 [156033..156041], rpl16 [156872..157270], petD [complement(160721..161219)], petD [complement(161903..161910)], petB [complement(162108..162761)], petB [complement(163534..163539)]	trnK-UUU [complement(1834..4333)], rps16 [complement(5151..6070)], atpF [complement(11907..12613)], rpoC1 [complement(22051..22797)], ycf3 [complement(43177..43921)], ycf3 [complement(44150..44872)], trnL-UAA [48111..48601], trnV-UAC [complement(53168..53754)], clpP [complement(71314..72034)], clpP [complement(72332..73059)], petB [76065..76836], petD [77696..78378], rpl16 [complement(82727..83556)], rpl2 [complement(85728..86383)], ndhB [complement(95249..95939)], trnI-GAU [102185..103123], trnA-UGC [103261..104060], ndhA [117359..118394], trnA-UGC [complement(135538..136337)], trnI-GAU [complement(136475..137413)], ndhB [143659..144349], rpl2 [153215..153774], rpl16 [156042..156871], petD [complement(161220..161902)], petB [complement(162762..163533)]
454.	BEBE	46	trnK-UUU [complement(1802..1844)], trnK-UUU [complement(4345..4381)], atpF [complement(11471..11880)], atpF [complement(12590..12749)], rpoC1	trnK-UUU [complement(1845..4344)], atpF [complement(11881..12589)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20374..21993)], rpoC1 [complement(22738..23172)], trnL-UAA [47978..48012], trnL-UAA [48501..48550], trnV-UAC [complement(52958..52994)], trnV-UAC [complement(53582..53620)], clpP [complement(71644..71940)], rpl2 [complement(84888..85322)], rpl2 [complement(85979..86380)], ndhB [complement(94006..94764)], ndhB [complement(95355..96233)], trnI-GAU [101654..101695], trnI-GAU [102635..102669], ndhA [116076..116642], ndhA [117674..118213], trnI-GAU [complement(135203..135237)], trnI-GAU [complement(136177..136218)], ndhB [141639..142415], ndhB [143108..143866], ycf2 [complement(144633..150188)], ycf2 [complement(150210..150710)], rpl2 [151492..151893], rpl2 [152454..152984]	[complement(21994..22737)], ycf3 [complement(43087..43834)], ycf3 [complement(44063..44784)], trnL-UAA [48013..48500], trnV-UAC [complement(52995..53581)], clpP [complement(70915..71643)], clpP [complement(71941..72668)], rpl2 [complement(85323..85978)], ndhB [complement(94765..95354)], trnI-GAU [101696..102634], trnA-UGC [102772..103571], ndhA [116643..117673], trnA-UGC [complement(134301..135100)], trnI-GAU [complement(135238..136176)], ndhB [142416..143107], ycf2 [complement(150189..150209)], rpl2 [151894..152453]
455.	BEER	42	rps12 [complement(74018..74131)], trnK-UUU [complement(1901..1935)], trnK-UUU [complement(4486..4522)], trnG-UCC [9956..9978], trnG-UCC [10694..10741], trnL-UAA [51071..51107], trnL-UAA [51631..51680], trnV-UAC [complement(55199..55235)], trnV-UAC [complement(55822..55860)], rps12 [145701..145932], rps12 [146469..146494], trnI-GAU [107192..107233], trnI-GAU [108176..108210], trnA-UGC [108275..108312], trnA-UGC [109134..109168], trnA-UGC [complement(139870..139904)], trnA-UGC [complement(140726..140763)], trnI-GAU [complement(140828..140862)], trnI-GAU [complement(141805..141846)]	trnK-UUU [complement(1936..4485)], rps16 [complement(5780..6666)], trnG-UCC [9979..10693], atpF [complement(13356..14145)], rpoC1 [complement(24004..24769)], ycf3 [complement(45757..46487)], ycf3 [complement(46716..47562)], trnL-UAA [51108..51630], trnV-UAC [complement(55236..55821)], clpP [complement(74532..75168)], clpP [complement(75460..76312)], petB [79348..80134], petD [80986..81705], rpl16 [complement(86064..87119)], rpl2 [complement(89319..89983)], ndhB [complement(100244..100923)], trnI-GAU [107234..108175], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[108313..109133], ndhA [complement(125595..126814)], trnA-UGC [complement(139905..140725)], trnI-GAU [complement(140863..141804)], ndhB [148115..148794], rpl2 [159055..159719]
456.	BEBV	67	rps12 [complement(100698..100724)], rps12 [complement(101261..101491)], rps12 [complement(71588..71701)], trnK-UUU [complement(1711..1739)], trnK-UUU [complement(4317..4353)], trnG-UCC [8495..8516], trnG-UCC [9246..9296], atpF [complement(11341..11829)], atpF [complement(12468..12626)], rpoC1 [complement(20629..22254)], rpoC1 [complement(23011..23445)], ycf3 [complement(43508..43660)], ycf3 [complement(44390..44617)], ycf3 [complement(45343..45471)], trnL-UAA [47723..47759], trnL-UAA [48350..48399], trnV-UAC [complement(52571..52607)], trnV-UAC [complement(53224..53262)], rps12 [complement(71588..71701)], rps12 [143465..143695], rps12 [144232..144258], clpP [complement(71887..72114)], clpP [complement(72758..73048)], clpP [complement(73843..73911)], petB [76942..76947], petB [77752..78393], rpl16 [complement(83555..83955)], rpl16 [complement(85102..85111)], rpl2 [complement(86954..87424)], rpl2 [complement(88054..88446)], ndhB [complement(97630..98385)], ndhB [complement(99068..99790)], trnI-GAU [105535..105576], trnI-GAU [106520..106554], trnA-UGC [106619..106656], trnA-UGC [107459..107493], ndhA [complement(122755..123300)], ndhA [complement(124339..124890)], trnA-UGC [complement(137463..137497)], trnA-UGC [complement(138300..138337)], trnI-GAU [complement(138402..138436)], trnI-GAU [complement(139380..139421)], ndhB [145166..145888], ndhB [146571..147326], rpl2 [156510..156902], rpl2 [157532..158002]	trnK-UUU [complement(1740..4316)], trnG- UCC [8517..9245], atpF [complement(11830..12467)], rpoC1 [complement(22255..23010)], ycf3 [complement(43661..44389)], ycf3 [complement(44618..45342)], trnL-UAA [47760..48349], trnV-UAC [complement(52608..53223)], clpP [complement(72115..72757)], clpP [complement(73049..73842)], petB [76948..77751], rpl16 [complement(83956..85101)], rpl2 [complement(87425..88053)], ndhB [complement(98386..99067)], trnI-GAU [105577..106519], trnA-UGC [106657..107458], ndhA [complement(123301..124338)], trnA-UGC [complement(137498..138299)], trnI-GAU [complement(138437..139379)], ndhB [145889..146570], rpl2 [156903..157531]
457.	BECA	28	rps12 [complement(72767..72880)], trnH-GUG [complement(158354..158355)], trnH-GUG [complement(1..73)], rps12 [144544..144569]	trnH-GUG [complement(158356..0)], trnK- UUU [complement(1726..4275)], rps16 [complement(5314..6200)], trnG-UCC [10142..10818], atpF [complement(13223..13949)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(23493..24254)], ycf3 [complement(45607..46358)], ycf3 [complement(46588..47302)], trnL-UAA [50442..50946], trnV-UAC [complement(55153..55739)], clpP [complement(73278..73903)], clpP [complement(74193..75004)], petB [77979..78787], petD [79657..80380], rpl16 [complement(84747..85770)], rpl2 [complement(87976..88631)], ndhB [complement(98946..99645)], trnI-GAU [106094..107038], trnA-UGC [107176..107975], ndhA [complement(123968..124938)], trnA-UGC [complement(137861..138660)], trnI-GAU [complement(138798..139742)], ndhB [146191..146890], rpl2 [157205..157860]
458.	BECO	73	rps12 [complement(103098..103123)], rps12 [complement(103660..103891)], rps12 [complement(74818..74931)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4406..4442)], rps16 [complement(5776..5991)], rps16 [complement(6870..6911)], trnG-GCC [9947..9969], trnG-GCC [10716..10752], atpF [complement(13130..13540)], atpF [complement(14302..14445)], rpoC1 [complement(22681..24306)], rpoC1 [complement(25111..25542)], ycf3 [complement(46896..47048)], ycf3 [complement(47813..48040)], ycf3 [complement(48750..48875)], trnL-UAA [51765..51801], trnL-UAA [52170..52219], trnV-UAC [complement(55958..55994)], trnV-UAC [complement(56622..56659)], rps12 [complement(74818..74931)], rps12 [146462..146693], rps12 [147230..147255], clpP [complement(75090..75317)], clpP [complement(75933..76226)], clpP [complement(77063..77131)], petB [80089..80094], petB [80911..81552], petD [81766..81774], petD [82389..82862], rpl16 [complement(86405..86803)], rpl16	trnK-UUU [complement(1883..4405)], rps16 [complement(5992..6869)], trnG-GCC [9970..10715], atpF [complement(13541..14301)], rpoC1 [complement(24307..25110)], ycf3 [complement(47049..47812)], ycf3 [complement(48041..48749)], trnL-UAA [51802..52169], trnV-UAC [complement(55995..56621)], clpP [complement(75318..75932)], clpP [complement(76227..77062)], petB [80095..80910], petD [81775..82388], rpl16 [complement(86804..87932)], rpl2 [complement(90150..90796)], ndhB [complement(100795..101480)], trnI-CAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87933..87941)], rpl2 [complement(89679..90149)], rpl2 [complement(90797..91189)], ndhB [complement(100033..100794)], ndhB [complement(101481..102257)], trnI-CAU [107549..107585], trnI-CAU [108541..108575], trnA-UGC [108640..108677], trnA-UGC [109486..109520], ndhA [complement(125909..126447)], ndhA [complement(127648..128203)], trnA-UGC [complement(140833..140867)], trnA-UGC [complement(141676..141713)], trnI-CAU [complement(141778..141812)], trnI-CAU [complement(142768..142804)], ndhB [148096..148872], ndhB [149559..150320], rpl2 [159164..159556], rpl2 [160204..160674]	[107586..108540], trnA-UGC [108678..109485], ndhA [complement(126448..127647)], trnA-UGC [complement(140868..141675)], trnI-CAU [complement(141813..142767)], ndhB [148873..149558], rpl2 [159557..160203]
459.	BECR	67	rps12 [complement(101599..101624)], rps12 [complement(102161..102392)], rps12 [complement(73348..73461)], trnK-UUU [complement(1780..1814)], trnK-UUU [complement(4295..4331)], rps16 [complement(5210..5435)], rps16 [complement(6286..6326)], trnG-UCC [9631..9653], trnG-UCC [10366..10413], atpF [complement(12359..12768)], atpF [complement(13467..13611)], rpoC1 [complement(21694..23310)], rpoC1 [complement(24074..24505)], ycf3 [complement(44903..45055)], ycf3 [complement(45801..46028)], ycf3 [complement(46765..46890)], trnL-UAA [50213..50249], trnL-UAA [50757..50806], trnV-UAC [complement(54747..54781)], trnV-UAC [complement(55363..55401)], rps12 [complement(73348..73461)], rps12 [144220..144451], rps12 [144988..145013], clpP [complement(73607..73834)], clpP [complement(74470..74761)], clpP [complement(75574..75644)], petB [78550..78555], petB [79359..80000], petD [80199..80206], petD [80926..81400], rpl16 [complement(84853..85251)], rpl16 [complement(86261..86269)], ndhB [complement(98555..99310)], ndhB [complement(99986..100762)], trnI-GAU [106368..106404], trnI-GAU [107354..107388], trnA-UGC [107452..107489], trnA-UGC [108293..108327], ndhA [complement(123574..124112)], ndhA [complement(125186..125738)], trnA-UGC [complement(138285..138319)], trnA-UGC [complement(139123..139160)], trnI-GAU [complement(139224..139258)], trnI-GAU [complement(140208..140244)], ndhB [145850..146626], ndhB [147302..148057]	trnK-UUU [complement(1815..4294)], rps16 [complement(5436..6285)], trnG-UCC [9654..10365], atpF [complement(12769..13466)], rpoC1 [complement(23311..24073)], ycf3 [complement(45056..45800)], ycf3 [complement(46029..46764)], trnL-UAA [50250..50756], trnV-UAC [complement(54782..55362)], clpP [complement(73835..74469)], clpP [complement(74762..75573)], petB [78556..79358], petD [80207..80925], rpl16 [complement(85252..86260)], ndhB [complement(99311..99985)], trnI-GAU [106405..107353], trnA-UGC [107490..108292], ndhA [complement(124113..125185)], trnA-UGC [complement(138320..139122)], trnI-GAU [complement(139259..140207)], ndhB [146627..147301]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
460.	BEES	66	rps12 [complement(96662..96687)], rps12 [complement(97231..97462)], rps12 [complement(69142..69255)], trnK-UUU [complement(1693..1727)], trnK-UUU [complement(4198..4234)], rps16 [complement(5016..5243)], rps16 [complement(6151..6189)], trnG-GCC [8807..8829], trnG-GCC [9533..9580], rpoC1 [complement(20065..21684)], rpoC1 [complement(22416..22850)], ycf3 [complement(41854..42006)], ycf3 [complement(42775..43002)], ycf3 [complement(43720..43845)], trnL-UAA [47176..47212], trnL-UAA [47687..47736], trnV-UAC [complement(51166..51202)], trnV-UAC [complement(51798..51836)], rps12 [139229..139460], rps12 [140004..140029], clpP [complement(69443..69670)], clpP [complement(70320..70610)], clpP [complement(71466..71534)], petB [74460..74465], petB [75219..75875], rpl16 [complement(80775..81176)], rpl16 [complement(82171..82179)], rpl2 [complement(83962..84396)], rpl2 [complement(85067..85459)], ndhB [complement(93609..94364)], ndhB [complement(95044..95820)], trnI-GAU [101232..101273], trnI-GAU [102227..102261], trnA-UGC [102326..102363], trnA-UGC [103171..103205], ndhA [complement(118863..119402)], ndhA [complement(120591..121142)], trnA-UGC [complement(133486..133520)], trnA-UGC [complement(134328..134365)], trnI-GAU [complement(134430..134464)], trnI-GAU [complement(135418..135459)], ndhB [140871..141647], ndhB [142327..143082], rpl2 [151232..151624], rpl2 [152295..152729]	trnK-UUU [complement(1728..4197)], rps16 [complement(5244..6150)], trnG-GCC [8830..9532], rpoC1 [complement(21685..22415)], ycf3 [complement(42007..42774)], ycf3 [complement(43003..43719)], trnL-UAA [47213..47686], trnV-UAC [complement(51203..51797)], clpP [complement(69671..70319)], clpP [complement(70611..71465)], petB [74466..75218], rpl16 [complement(81177..82170)], rpl2 [complement(84397..85066)], ndhB [complement(94365..95043)], trnI-GAU [101274..102226], trnA-UGC [102364..103170], ndhA [complement(119403..120590)], trnA-UGC [complement(133521..134327)], trnI-GAU [complement(134465..135417)], ndhB [141648..142326], rpl2 [151625..152294]
461.	BEEEX	67	trnK-UUU [complement(1803..1841)], trnK-UUU [complement(4379..4415)], rps16 [complement(5262..5482)], rps16 [complement(6351..6390)], atpF [complement(13132..13542)], atpF [complement(14251..14409)], rpoC1 [complement(22509..24119)], rpoC1 [complement(24877..25311)], ycf3 [complement(45027..45179)], ycf3 [complement(45935..46162)], ycf3 [complement(46887..47012)], trnL-UAA [50490..50526], trnL-UAA [51050..51099], trnV-UAC [complement(54188..54224)], trnV-UAC [complement(54819..54857)], rps12 [complement(72663..72776)], rps12 [144661..144900], rps12 [145423..145449], clpP [complement(72922..73152)], clpP [complement(73815..74105)], clpP [complement(74945..75013)], petB [77966..77971], petB [78766..79419], petD [79619..79627], petD	trnK-UUU [complement(1842..4378)], rps16 [complement(5483..6350)], atpF [complement(13543..14250)], rpoC1 [complement(24120..24876)], ycf3 [complement(45180..45934)], ycf3 [complement(46163..46886)], trnL-UAA [50527..51049], trnV-UAC [complement(54225..54818)], clpP [complement(73153..73814)], clpP [complement(74106..74944)], petB [77972..78765], petD [79628..80330], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[80331..80855], rpl16 [complement(84356..84757)], rpl16 [complement(85815..85823)], rpl2 [complement(87544..87978)], rpl2 [complement(88641..89033)], ndhB [complement(97942..98697)], ndhB [complement(99377..100153)], trnI-GAU [105742..105783], trnI-GAU [106722..106756], trnA-UGC [106824..106861], trnA-UGC [107675..107709], ndhA [complement(123816..124355)], ndhA [complement(125530..126081)], trnA-UGC [complement(138724..138758)], trnA-UGC [complement(139572..139609)], trnI-GAU [complement(139677..139711)], trnI-GAU [complement(140650..140691)], ndhB [146280..147056], ndhB [147736..148491], rpl2 [157400..157792], rpl2 [158455..158889]	[complement(84758..85814)], rpl2 [complement(87979..88640)], ndhB [complement(98698..99376)], trnI-GAU [105784..106721], trnA-UGC [106862..107674], ndhA [complement(124356..125529)], trnA-UGC [complement(138759..139571)], trnI-GAU [complement(139712..140649)], ndhB [147057..147735], rpl2 [157793..158454]
462.	BEFO	78	rps12 [complement(97666..97691)], rps12 [complement(98228..98459)], rps12 [complement(70539..70652)], trnK-UUU [complement(1841..1866)], trnK-UUU [complement(4379..4415)], rps16 [complement(4999..5195)], rps16 [complement(6090..6129)], trnG-UCC [8766..8788], trnG-UCC [9510..9538], atpF [complement(11511..11920)], atpF [complement(12645..12789)], rpoC1 [complement(20423..22042)], rpoC1 [complement(22787..23242)], ycf3 [complement(43077..43229)], ycf3 [complement(43976..44203)], ycf3 [complement(44926..45054)], trnL-UAA [48176..48212], trnL-UAA [48697..48746], trnV-UAC [complement(53205..53242)], trnV-UAC [complement(53830..53868)], rps12 [140780..141011], rps12 [141548..141573], clpP [complement(71171..71414)], clpP [complement(72159..72449)], clpP [complement(73179..73249)], petB [76179..76184], petB [76949..77602], petD [77800..77808], petD [78492..78986], rpl16 [complement(82437..82835)], rpl16 [complement(83667..83675)], rpl2 [complement(85403..85836)], rpl2 [complement(86496..86871)], ndhB [complement(94590..95348)], ndhB [complement(96041..96817)], trnI-GAU [102243..102284], trnI-GAU [103224..103258], trnA-UGC [103323..103360], trnA-UGC [104159..104195], ndhA [complement(120279..120817)], ndhA [complement(121861..122416)], trnA-UGC [complement(135044..135080)], trnA-UGC [complement(135879..135916)], trnI-GAU [complement(135981..136015)], trnI-GAU [complement(136955..136996)], ndhB [142422..143198], ndhB	trnK-UUU [complement(1867..4378)], rps16 [complement(5196..6089)], trnG-UCC [8789..9509], atpF [complement(11921..12644)], rpoC1 [complement(22043..22786)], ycf3 [complement(43230..43975)], ycf3 [complement(44204..44925)], trnL-UAA [48213..48696], trnV-UAC [complement(53243..53829)], clpP [complement(71415..72158)], clpP [complement(72450..73178)], petB [76185..76948], petD [77809..78491], rpl16 [complement(82836..83666)], rpl2 [complement(85837..86495)], ndhB [complement(95349..96040)], trnI-GAU [102285..103223], trnA-UGC [103361..104158], ndhA [complement(120818..121860)], trnA-UGC [complement(135081..135878)], trnI-GAU [complement(136016..136954)], ndhB [143199..143890], ycf2 [complement(150972..150992)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143891..144649], ycf2 [complement(145416..150971)], ycf2 [complement(150993..151505)], rpl2 [152368..152743], rpl2 [153403..153836], petB [complement(161637..162278)], petB [complement(163055..163060)]	[152744..153402], petB [complement(162279..163054)]
463.	BEKE	43	rps12 [complement(102070..102312)], rps12 [complement(73166..73279)], rps16 [complement(5132..5356)], rps16 [complement(6258..6296)], atpF [complement(12615..13024)], atpF [complement(13805..13952)], rpoC1 [complement(22177..23787)], rpoC1 [complement(24544..24978)], ycf3 [complement(45812..45964)], ycf3 [complement(46760..46989)], ycf3 [complement(47719..47845)], accD [59948..60408], accD [60439..61444], rps12 [144168..144410], clpP [complement(73385..73612)], clpP [complement(74276..74566)], clpP [complement(75419..75487)], rpl2 [complement(87748..88181)], rpl2 [complement(88864..89257)], ndhB [complement(98446..99203)], ndhB [complement(99895..100672)], ndhA [complement(123763..124301)], ndhA [complement(125407..125962)], ycf1 [complement(127888..132498)], ycf1 [complement(132526..133431)], ndhB [145808..146584], ndhB [147279..148034], rpl2 [157223..157613], rpl2 [158299..158732]	rps16 [complement(5357..6257)], atpF [complement(13025..13804)], rpoC1 [complement(23788..24543)], ycf3 [complement(45965..46759)], ycf3 [complement(46990..47718)], accD [60409..60438], clpP [complement(73613..74275)], clpP [complement(74567..75418)], rpl2 [complement(88182..88863)], ndhB [complement(99204..99894)], ndhA [complement(124302..125406)], ycf1 [complement(132499..132525)], ndhB [146585..147278], rpl2 [157614..158298]
464.	BEKO	79	rps12 [complement(97706..97731)], rps12 [complement(98268..98499)], rps12 [complement(70654..70767)], trnK-UUU [complement(1808..1842)], trnK-UUU [complement(4342..4378)], rps16 [complement(4959..5155)], rps16 [complement(6052..6091)], trnG-GCC [8749..8771], trnG-GCC [9496..9532], atpF [complement(11504..11914)], atpF [complement(12625..12783)], rpoC1 [complement(20437..22047)], rpoC1 [complement(22808..23260)], ycf3 [complement(43035..43187)], ycf3 [complement(43936..44163)], ycf3 [complement(44887..45015)], trnL-UAA [48112..48146], trnL-UAA [48637..48686], trnV-UAC [complement(53167..53203)], trnV-UAC [complement(53792..53830)], clpP [complement(71288..71531)], clpP [complement(72264..72554)], clpP [complement(73293..73363)], petB [76298..76303], petB [77068..77721], petD [77919..77926], petD [78610..79105], rpl16 [complement(82552..82950)], rpl16 [complement(83777..83785)], rpl2 [complement(85513..85946)], rpl2	trnK-UUU [complement(1843..4341)], rps16 [complement(5156..6051)], trnG-GCC [8772..9495], atpF [complement(11915..12624)], rpoC1 [complement(22048..22807)], ycf3 [complement(43188..43935)], ycf3 [complement(44164..44886)], trnL-UAA [48147..48636], trnV-UAC [complement(53204..53791)], clpP [complement(71532..72263)], clpP [complement(72555..73292)], petB [76304..77067], petD [77927..78609], rpl16 [complement(82951..83776)], rpl2 [complement(85947..86605)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86606..86987)], ndhB [complement(94631..95389)], ndhB [complement(96081..96857)], trnI-GAU [102284..102325], trnI-GAU [103265..103299], trnA-UGC [103364..103401], trnA-UGC [104202..104236], ndhA [complement(121106..121645)], ndhA [complement(122684..123238)], trnA-UGC [complement(136231..136265)], trnA-UGC [complement(137066..137103)], trnI-GAU [complement(137168..137202)], trnI-GAU [complement(138142..138183)], ndhB [143610..144488], ndhB [145078..145836], rpl2 [153480..153861], rpl2 [154521..154954], rpl16 [156682..156690], rpl16 [157517..157915], petD [complement(161362..161857)], petD [complement(162541..162548)], petB [complement(162746..163399)], petB [complement(164164..164169)]	[complement(95390..96080)], trnI-GAU [102326..103264], trnA-UGC [103402..104201], ndhA [complement(121646..122683)], trnA-UGC [complement(136266..137065)], trnI-GAU [complement(137203..138141)], ndhB [144489..145077], rpl2 [153862..154520], rpl16 [156691..157516], petD [complement(161858..162540)], petB [complement(163400..164163)]
465.	BELE	73	rps12 [complement(102872..102901)], rps12 [complement(103439..103669)], rps12 [complement(74593..74706)], trnK-UUU [complement(1872..1906)], trnK-UUU [complement(4431..4467)], rps16 [complement(5761..5976)], rps16 [complement(6855..6896)], trnS-CGA [10168..10190], trnS-CGA [10936..10973], atpF [complement(13296..13706)], atpF [complement(14467..14610)], rpoC1 [complement(22841..24466)], rpoC1 [complement(25284..25715)], ycf3 [complement(47015..47167)], ycf3 [complement(47932..48159)], ycf3 [complement(48870..48995)], trnL-UAA [51873..51907], trnL-UAA [52278..52327], trnV-UAC [complement(55751..55785)], trnV-UAC [complement(56415..56452)], rps12 [complement(74593..74706)], rps12 [146332..146563], rps12 [147100..147125], clpP [complement(74865..75092)], clpP [complement(75707..76000)], clpP [complement(76837..76905)], petB [79871..79876], petB [80693..81334], petD [81548..81556], petD [82171..82644], rpl16 [complement(86178..86576)], rpl16 [complement(87706..87714)], rpl2 [complement(89457..89891)], rpl2 [complement(90578..90967)], ndhB [complement(99811..100572)], ndhB [complement(101259..102035)], trnI-GAU [107322..107358], trnI-GAU [108314..108348], trnA-UGC [108413..108450], trnA-UGC [109259..109293], ndhA [complement(125791..126329)], ndhA [complement(127529..128084)], trnA-UGC [complement(140708..140742)], trnA-UGC	trnK-UUU [complement(1907..4430)], rps16 [complement(5977..6854)], trnS-CGA [10191..10935], atpF [complement(13707..14466)], rpoC1 [complement(24467..25283)], ycf3 [complement(47168..47931)], ycf3 [complement(48160..48869)], trnL-UAA [51908..52277], trnV-UAC [complement(55786..56414)], clpP [complement(75093..75706)], clpP [complement(76001..76836)], petB [79877..80692], petD [81557..82170], rpl16 [complement(86577..87705)], rpl2 [complement(89892..90577)], ndhB [complement(100573..101258)], trnI-GAU [107359..108313], trnA-UGC [108451..109258], ndhA [complement(126330..127528)], trnA-UGC [complement(140743..141550)], trnI-GAU [complement(141688..142642)], ndhB [148743..149428], rpl2 [159424..160109]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(141551..141588)], trnI-GAU [complement(141653..141687)], trnI-GAU [complement(142643..142679)], ndhB [147966..148742], ndhB [149429..150190], rpl2 [159034..159423], rpl2 [160110..160544]	
466.	BENA	73	rps12 [complement(102984..103013)], rps12 [complement(103551..103781)], rps12 [complement(74695..74808)], trnK-UUU [complement(1882..1916)], trnK-UUU [complement(4440..4476)], rps16 [complement(5764..5979)], rps16 [complement(6858..6899)], trnG-GCC [9929..9951], trnG-GCC [10701..10737], atpF [complement(13062..13472)], atpF [complement(14236..14379)], rpoC1 [complement(22612..24237)], rpoC1 [complement(25053..25484)], ycf3 [complement(46711..46863)], ycf3 [complement(47628..47855)], ycf3 [complement(48566..48691)], trnL-UAA [51559..51595], trnL-UAA [51964..52013], trnV-UAC [complement(55798..55834)], trnV-UAC [complement(56462..56499)], rps12 [complement(74695..74808)], rps12 [146291..146522], rps12 [147059..147084], clpP [complement(74968..75195)], clpP [complement(75812..76105)], clpP [complement(76942..77010)], petB [79966..79971], petB [80775..81416], petD [81630..81638], petD [82253..82726], rpl16 [complement(86267..86665)], rpl16 [complement(87796..87804)], rpl2 [complement(89562..90032)], rpl2 [complement(90683..91072)], ndhB [complement(99923..100684)], ndhB [complement(101371..102147)], trnI-GAU [107434..107470], trnI-GAU [108426..108460], trnA-UGC [108525..108562], trnA-UGC [109371..109405], ndhA [complement(125710..126249)], ndhA [complement(127454..128005)], trnA-UGC [complement(140667..140701)], trnA-UGC [complement(141510..141547)], trnI-GAU [complement(141612..141646)], trnI-GAU [complement(142597..142638)], ndhB [147925..148701], ndhB [149388..150149], rpl2 [159000..159392], rpl2 [160040..160510]	trnK-UUU [complement(1917..4439)], rps16 [complement(5980..6857)], trnG-GCC [9952..10700], atpF [complement(13473..14235)], rpoC1 [complement(24238..25052)], ycf3 [complement(46864..47627)], ycf3 [complement(47856..48565)], trnL-UAA [51596..51963], trnV-UAC [complement(55835..56461)], clpP [complement(75196..75811)], clpP [complement(76106..76941)], petB [79972..80774], petD [81639..82252], rpl16 [complement(86666..87795)], rpl2 [complement(90033..90682)], ndhB [complement(100685..101370)], trnI-GAU [107471..108425], trnA-UGC [108563..109370], ndhA [complement(126250..127453)], trnA-UGC [complement(140702..141509)], trnI-GAU [complement(141647..142596)], ndhB [148702..149387], rpl2 [159393..160039]
467.	BEOC	73	rps12 [complement(103003..103032)], rps12 [complement(103570..103800)], rps12 [complement(74767..74880)], trnK-UUU [complement(1687..1721)], trnK-UUU [complement(4245..4281)], rps16 [complement(5585..5800)], rps16 [complement(6679..6720)], trnS-CGA [9809..9831], trnS-CGA [10577..10614], atpF [complement(12958..13368)], atpF	trnK-UUU [complement(1722..4244)], rps16 [complement(5801..6678)], trnS-CGA [9832..10576], atpF [complement(13369..14128)], rpoC1 [complement(24137..24969)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(14129..14272)], rpoC1 [complement(22511..24136)], rpoC1 [complement(24970..25401)], ycf3 [complement(46710..46862)], ycf3 [complement(47627..47854)], ycf3 [complement(48565..48690)], trnL-UAA [51557..51591], trnL-UAA [51962..52011], trnV-UAC [complement(55744..55778)], trnV-UAC [complement(56408..56445)], rps12 [complement(74767..74880)], rps12 [146023..146254], rps12 [146791..146816], clpP [complement(75040..75267)], clpP [complement(75891..76184)], clpP [complement(77021..77089)], petB [80043..80048], petB [80869..81510], petD [81724..81732], petD [82347..82820], rpl16 [complement(86362..86760)], rpl16 [complement(87891..87899)], rpl2 [complement(89588..90022)], rpl2 [complement(90709..91098)], ndhB [complement(99942..100703)], ndhB [complement(101390..102166)], trnI-GAU [107453..107489], trnI-GAU [108445..108479], trnA-UGC [108544..108581], trnA-UGC [109390..109424], ndhA [complement(125447..125985)], ndhA [complement(127187..127742)], trnA-UGC [complement(140399..140433)], trnA-UGC [complement(141242..141279)], trnI-GAU [complement(141344..141378)], trnI-GAU [complement(142334..142370)], ndhB [147657..148433], ndhB [149120..149881], rpl2 [158725..159114], rpl2 [159801..160235]	[complement(46863..47626)], ycf3 [complement(47855..48564)], trnL-UAA [51592..51961], trnV-UAC [complement(55779..56407)], clpP [complement(75268..75890)], clpP [complement(76185..77020)], petB [80049..80868], petD [81733..82346], rpl16 [complement(86761..87890)], rpl2 [complement(90023..90708)], ndhB [complement(100704..101389)], trnI-GAU [107490..108444], trnA-UGC [108582..109389], ndhA [complement(125986..127186)], trnA-UGC [complement(140434..141241)], trnI-GAU [complement(141379..142333)], ndhB [148434..149119], rpl2 [159115..159800]
468.	BEPC	76	rps12 [complement(100829..100855)], rps12 [complement(101400..101630)], rps12 [complement(61502..61615)], atpF [complement(1884..2300)], atpF [complement(3026..3169)], rpoC1 [complement(10659..12275)], rpoC1 [complement(12993..13424)], ycf3 [complement(34192..34346)], ycf3 [complement(35098..35328)], ycf3 [complement(36123..36249)], trnL-UAA [39555..39591], trnL-UAA [40134..40183], trnV-UAC [complement(43889..43924)], trnV-UAC [complement(44536..44579)], rps12 [complement(61502..61615)], rps12 [144017..144247], rps12 [144792..144818], clpP [complement(61754..61981)], clpP [complement(62618..62911)], clpP [complement(63738..63806)], petB [66732..66737], petB [67552..68193], petD [68387..68394], petD [69085..69562], rpl16 [complement(73024..73422)], rpl16 [complement(74440..74448)], trnG-UCC [complement(76460..76510)], trnG-	atpF [complement(2301..3025)], rpoC1 [complement(12276..12992)], ycf3 [complement(34347..35097)], ycf3 [complement(35329..36122)], trnL-UAA [39592..40133], trnV-UAC [complement(43925..44535)], clpP [complement(61982..62617)], clpP [complement(62912..63737)], petB [66738..67551], petD [68395..69084], rpl16 [complement(73423..74439)], trnG-UCC [complement(76511..77205)], trnK-UUU [82804..85272], rpl2 [complement(87650..88321)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(77206..77225)], trnk-UUU [82767..82803], trnk-UUU [85273..85307], rpl2 [complement(87215..87649)], rpl2 [complement(88322..88714)], ndhB [complement(97805..98560)], ndhB [complement(99247..100023)], trnI-GAU [105400..105441], trnI-GAU [106399..106433], trnA-UGC [106498..106535], trnA-UGC [107330..107364], ndhA [complement(123793..124331)], ndhA [complement(125511..126066)], trnA-UGC [complement(138283..138317)], trnA-UGC [complement(139112..139149)], trnI-GAU [complement(139214..139248)], trnI-GAU [complement(140206..140247)], ndhB [145624..146400], ndhB [147087..147842], rpl2 [156933..157325], rpl2 [157998..158432], trnk-UUU [complement(160340..160374)], trnk-UUU [complement(162844..162880)], trnG-UCC [168422..168443], trnG-UCC [169137..169187]	[complement(98561..99246)], trnI-GAU [105442..106398], trnA-UGC [106536..107329], ndhA [complement(124332..125510)], trnA-UGC [complement(138318..139111)], trnI-GAU [complement(139249..140205)], ndhB [146401..147086], rpl2 [157326..157997], trnk-UUU [complement(160375..162843)], trnG-UCC [168444..169136]
469.	BEPE	67	rps12 [complement(148275..148304)], rps12 [complement(148842..149072)], rps12 [complement(119978..120091)], ndhA [complement(10461..11000)], ndhA [complement(12205..12756)], trnA-GCA [complement(25414..25448)], trnA-GCA [complement(26257..26294)], trnI-AUC [26359..26393], trnI-AUC [27344..27385], ndhB [32672..33448], ndhB [34135..34896], rpl2 [43740..44132], rpl2 [44780..45250], trnK-UUU [47203..47235], trnK-UUU [49759..49795], trnG-GGA [55187..55209], trnG-GGA [55946..55993], atpF [complement(58307..58717)], atpF [complement(59478..59621)], rpoC1 [complement(67880..69505)], rpoC1 [complement(70319..70750)], ycf3 [complement(92102..92254)], ycf3 [complement(93019..93246)], ycf3 [complement(93957..94082)], trnL-UAA [complement(96951..96985)], trnL-UAA [complement(97356..97405)], trnV-GTA [101137..101173], trnV-GTA [101801..101838], clpP [complement(120251..120478)], clpP [complement(121095..121388)], clpP [complement(122226..122294)], petB [125250..125255], petB [126076..126717], petD [126931..126939], petD [127554..128027], rpl16 [complement(131566..131964)], rpl16 [complement(133095..133103)], rpl2 [complement(134860..135330)], rpl2 [complement(135981..136370)], ndhB [complement(145214..145975)], ndhB [complement(146662..147438)], trnI-GAU [152725..152761], trnI-GAU [153717..153751], trnA-UGC [153816..153853], trnA-UGC [154662..154696]	ndhA [complement(11001..12204)], trnA-GCA [complement(25449..26256)], trnI-AUC [26394..27343], ndhB [33449..34134], rpl2 [44133..44779], trnK-UUU [47236..49758], trnG-GGA [55210..55945], atpF [complement(58718..59477)], rpoC1 [complement(69506..70318)], ycf3 [complement(92255..93018)], ycf3 [complement(93247..93956)], trnL-UAA [complement(96986..97355)], trnV-GTA [101174..101800], clpP [complement(120479..121094)], clpP [complement(121389..122225)], petB [125256..126075], petD [126940..127553], rpl16 [complement(131965..133094)], rpl2 [complement(135331..135980)], ndhB [complement(145976..146661)], trnI-GAU [152762..153716], trnA-UGC [153854..154661]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
470.	BEPL	73	rps12 [complement(103763..103792)], rps12 [complement(104330..104560)], rps12 [complement(75534..75647)], trnK-UUU [complement(1851..1885)], trnK-UUU [complement(4409..4445)], rps16 [complement(5752..5967)], rps16 [complement(6846..6887)], trnS-CGA [10775..10797], trnS-CGA [11544..11581], atpF [complement(13924..14334)], atpF [complement(15095..15238)], rpoC1 [complement(23477..25102)], rpoC1 [complement(25915..26346)], ycf3 [complement(47665..47817)], ycf3 [complement(48582..48809)], ycf3 [complement(49520..49645)], trnL-UAA [52512..52546], trnL-UAA [52917..52966], trnV-UAC [complement(56692..56726)], trnV-UAC [complement(57356..57393)], rps12 [complement(75534..75647)], rps12 [147062..147293], rps12 [147830..147855], clpP [complement(75807..76034)], clpP [complement(76651..76944)], clpP [complement(77781..77849)], petB [80804..80809], petB [81630..82271], petD [82485..82493], petD [83108..83581], rpl16 [complement(87122..87520)], rpl16 [complement(88651..88659)], rpl2 [complement(90348..90782)], rpl2 [complement(91469..91858)], ndhB [complement(100702..101463)], ndhB [complement(102150..102926)], trnI-GAU [108213..108249], trnI-GAU [109205..109239], trnA-UGC [109304..109341], trnA-UGC [110150..110184], ndhA [complement(126487..127025)], ndhA [complement(128227..128782)], trnA-UGC [complement(141438..141472)], trnA-UGC [complement(142281..142318)], trnI-GAU [complement(142383..142417)], trnI-GAU [complement(143373..143409)], ndhB [148696..149472], ndhB [150159..150920], rpl2 [159764..160153], rpl2 [160840..161274]	trnK-UUU [complement(1886..4408)], rps16 [complement(5968..6845)], trnS-CGA [10798..11543], atpF [complement(14335..15094)], rpoC1 [complement(25103..25914)], ycf3 [complement(47818..48581)], ycf3 [complement(48810..49519)], trnL-UAA [52547..52916], trnV-UAC [complement(56727..57355)], clpP [complement(76035..76650)], clpP [complement(76945..77780)], petB [80810..81629], petD [82494..83107], rpl16 [complement(87521..88650)], rpl2 [complement(90783..91468)], ndhB [complement(101464..102149)], trnI-GAU [108250..109204], trnA-UGC [109342..110149], ndhA [complement(127026..128226)], trnA-UGC [complement(141473..142280)], trnI-GAU [complement(142418..143372)], ndhB [149473..150158], rpl2 [160154..160839]
471.	BEPO	73	rps12 [complement(102978..103007)], rps12 [complement(103545..103775)], rps12 [complement(74706..74819)], trnK-UUU [complement(1636..1670)], trnK-UUU [complement(4194..4230)], rps16 [complement(5564..5779)], rps16 [complement(6658..6699)], trnS-CGA [9738..9760], trnS-CGA [10506..10543], atpF [complement(12920..13330)], atpF [complement(14092..14235)], rpoC1 [complement(22471..24096)], rpoC1 [complement(24911..25342)], ycf3 [complement(46636..46788)], ycf3 [complement(47553..47780)], ycf3 [complement(48490..48615)], trnL-UAA	trnK-UUU [complement(1671..4193)], rps16 [complement(5780..6657)], trnS-CGA [9761..10505], atpF [complement(13331..14091)], rpoC1 [complement(24097..24910)], ycf3 [complement(46789..47552)], ycf3 [complement(47781..48489)], trnL-UAA [51540..51909], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[51505..51539], trnL-UAA [51910..51959], trnV-UAC [complement(55679..55713)], trnV-UAC [complement(56343..56380)], rps12 [complement(74706..74819)], rps12 [145979..146210], rps12 [146747..146772], clpP [complement(74978..75205)], clpP [complement(75821..76114)], clpP [complement(76951..77019)], petB [79976..79981], petB [80798..81439], petD [81653..81661], petD [82276..82749], rpl16 [complement(86291..86689)], rpl16 [complement(87819..87827)], rpl2 [complement(89563..89997)], rpl2 [complement(90684..91073)], ndhB [complement(99917..100678)], ndhB [complement(101365..102141)], trnI-GAU [107433..107469], trnI-GAU [108425..108459], trnA-UGC [108524..108561], trnA-UGC [109370..109404], ndhA [complement(125405..125943)], ndhA [complement(127165..127720)], trnA-UGC [complement(140350..140384)], trnA-UGC [complement(141193..141230)], trnI-GAU [complement(141295..141329)], trnI-GAU [complement(142285..142321)], ndhB [147613..148389], ndhB [149076..149837], rpl2 [158681..159070], rpl2 [159757..160191]</p>	<p>[complement(55714..56342)], clpP [complement(75206..75820)], clpP [complement(76115..76950)], petB [79982..80797], petD [81662..82275], rpl16 [complement(86690..87818)], rpl2 [complement(89998..90683)], ndhB [complement(100679..101364)], trnI-GAU [107470..108424], trnA-UGC [108562..109369], ndhA [complement(125944..127164)], trnA-UGC [complement(140385..141192)], trnI-GAU [complement(141330..142284)], ndhB [148390..149075], rpl2 [159071..159756]</p>
472.	BEPU	73	<p>rps12 [complement(102063..102092)], rps12 [complement(102630..102860)], rps12 [complement(73747..73860)], trnK-UUU [complement(1752..1787)], trnK-UUU [complement(4311..4347)], rps16 [complement(5482..5697)], rps16 [complement(6576..6617)], trnS-CGA [9647..9669], trnS-CGA [10416..10453], atpF [complement(12435..12845)], atpF [complement(13606..13749)], rpoC1 [complement(21983..23608)], rpoC1 [complement(24424..24855)], ycf3 [complement(46018..46170)], ycf3 [complement(46935..47162)], ycf3 [complement(47873..47998)], trnL-UAA [50802..50836], trnL-UAA [51207..51256], trnV-UAC [complement(54696..54730)], trnV-UAC [complement(55360..55397)], rps12 [complement(73747..73860)], rps12 [144356..144587], rps12 [145124..145149], clpP [complement(74020..74247)], clpP [complement(74864..75157)], clpP [complement(75994..76062)], petB [79018..79023], petB [79844..80485], petD [80699..80707], petD [81322..81795], rpl16 [complement(85336..85734)], rpl16 [complement(86865..86873)], rpl2 [complement(88641..89075)], rpl2</p>	<p>trnK-UUU [complement(1788..4310)], rps16 [complement(5698..6575)], trnS-CGA [9670..10415], atpF [complement(12846..13605)], rpoC1 [complement(23609..24423)], ycf3 [complement(46171..46934)], ycf3 [complement(47163..47872)], trnL-UAA [50837..51206], trnV-UAC [complement(54731..55359)], clpP [complement(74248..74863)], clpP [complement(75158..75993)], petB [79024..79843], petD [80708..81321], rpl16 [complement(85735..86864)], rpl2 [complement(89076..89761)], ndhB [complement(99764..100449)], trnI-GAU [106550..107504], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89762..90151)], ndhB [complement(99002..99763)], ndhB [complement(100450..101226)], trnI-GAU [106513..106549], trnI-GAU [107505..107539], trnA-UGC [107604..107641], trnA-UGC [108450..108484], ndhA [complement(123790..124328)], ndhA [complement(125515..126070)], trnA-UGC [complement(138732..138766)], trnA-UGC [complement(139575..139612)], trnI-GAU [complement(139677..139711)], trnI-GAU [complement(140667..140703)], ndhB [145990..146766], ndhB [147453..148214], rpl2 [157065..157454], rpl2 [158141..158575]	[107642..108449], ndhA [complement(124329..125514)], trnA-UGC [complement(138767..139574)], trnI-GAU [complement(139712..140666)], ndhB [146767..147452], rpl2 [157455..158140]
473.	BESC	66	rps12 [complement(99574..99599)], rps12 [complement(100120..100351)], rps12 [complement(71957..72070)], trnK-UUU [complement(1615..1649)], trnK-UUU [complement(4167..4203)], rps16 [complement(5077..5303)], rps16 [complement(6132..6171)], trnG-GCC [9048..9070], trnG-GCC [9756..9802], atpF [complement(11906..12315)], atpF [complement(13054..13198)], rpoC1 [complement(21177..22793)], rpoC1 [complement(23520..23972)], ycf3 [complement(44331..44483)], ycf3 [complement(45229..45458)], ycf3 [complement(46181..46304)], trnL-UAA [49331..49364], trnL-UAA [49881..49930], trnV-UAC [complement(53871..53905)], trnV-UAC [complement(54483..54520)], rps12 [142030..142261], rps12 [142782..142807], clpP [complement(72324..72552)], clpP [complement(73171..73461)], clpP [complement(74254..74324)], petB [77198..77203], petB [77979..78620], petD [78814..78821], petD [79517..80012], rpl16 [complement(83462..83857)], rpl16 [complement(84840..84848)], ndhB [complement(96518..97273)], ndhB [complement(97953..98729)], trnI-GAU [103969..104005], trnI-GAU [104954..104988], trnA-UGC [105053..105090], trnA-UGC [105925..105959], ndhA [complement(121711..122249)], ndhA [complement(123383..123935)], trnA-UGC [complement(136422..136456)], trnA-UGC [complement(137291..137328)], trnI-GAU [complement(137393..137427)], trnI-GAU [complement(138376..138412)], ndhB [143652..144428], ndhB [145108..145863]	trnK-UUU [complement(1650..4166)], rps16 [complement(5304..6131)], trnG-GCC [9071..9755], atpF [complement(12316..13053)], rpoC1 [complement(22794..23519)], ycf3 [complement(44484..45228)], ycf3 [complement(45459..46180)], trnL-UAA [49365..49880], trnV-UAC [complement(53906..54482)], clpP [complement(72553..73170)], clpP [complement(73462..74253)], petB [77204..77978], petD [78822..79516], rpl16 [complement(83858..84839)], ndhB [complement(97274..97952)], trnI-GAU [104006..104953], trnA-UGC [105091..105924], ndhA [complement(122250..123382)], trnA-UGC [complement(136457..137290)], trnI-GAU [complement(137428..138375)], ndhB [144429..145107]
474.	BESE	25	trnK-UUU [complement(1397..1436)], trnK-UUU [complement(4005..4041)], rps12 [142687..142712]	trnK-UUU [complement(1437..4004)], trnG-GCC [9592..10299], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12609..13420)], rpoC1 [complement(22613..23355)], ycf3 [complement(43063..43804)], ycf3 [complement(44035..44760)], trnL-UAA [47758..48257], trnV-UAC [complement(52795..53388)], clpP [complement(71853..72514)], clpP [complement(72806..73609)], petB [76576..77387], petD [78243..78978], rpl16 [complement(83286..84286)], rpl2 [complement(86552..87215)], ndhB [complement(97560..98258)], trnI-GAU [104448..105375], trnA-UGC [105513..106327], ndhA [complement(122407..123503)], trnA-UGC [complement(136262..137076)], trnI-GAU [complement(137214..138141)], ndhB [144331..145029], rpl2 [155374..156037]
475.	BETE	59	rps12 [complement(92166..92201)], rps12 [complement(92740..92970)], rps12 [complement(70091..70204)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], rps16 [complement(4521..4736)], rps16 [complement(5566..5607)], atpF [35354..35512], atpF [36348..36755], ycf3 [complement(44518..44676)], ycf3 [complement(45410..45637)], ycf3 [complement(46380..46511)], trnL-UAA [49278..49312], trnL-UAA [49853..49902], trnV-UAC [complement(53324..53360)], trnV-UAC [complement(53957..53995)], petB [73933..73938], petB [74750..75391], petD [75580..75588], petD [76338..76811], rpl16 [complement(80433..80834)], rpl16 [complement(81932..81940)], rpl2 [complement(83925..84356)], rpl2 [complement(85017..85409)], ndhB [complement(89097..89852)], ndhB [complement(90565..91341)], trnI [96795..96836], trnI [97784..97818], trnA- UGC [97884..97921], trnA-UGC [98733..98767], ndhA [complement(114632..115171)], ndhA [complement(116203..116751)], trnA-	trnK-UUU [complement(1410..3926)], rps16 [complement(4737..5565)], atpF [35513..36347], ycf3 [complement(44677..45409)], ycf3 [complement(45638..46379)], trnL-UAA [49313..49852], trnV-UAC [complement(53361..53956)], petB [73939..74749], petD [75589..76337], rpl16 [complement(80835..81931)], rpl2 [complement(84357..85016)], ndhB [complement(89853..90564)], trnI [96837..97783], trnA-UGC [97922..98732], ndhA [complement(115172..116202)], trnA- UGC [complement(124169..124979)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(124134..124168)], trnA-UGC [complement(124980..125017)], trnI-GAU [complement(125083..125117)], trnI-GAU [complement(126065..126106)], ndhB [131560..132336], ndhB [133049..133804], rpl2 [137492..137884], rpl2 [138545..138976]	GAU [complement(125118..126064)], ndhB [132337..133048], rpl2 [137885..138544]
476.	BEWI	72	rps12 [complement(102243..102271)], rps12 [complement(102809..103040)], rps12 [complement(73732..73845)], rpoC1 [complement(22393..24003)], rpoC1 [complement(24770..25225)], ycf3 [complement(45337..45489)], ycf3 [complement(46221..46450)], ycf3 [complement(47299..47425)], trnL-UAA [50809..50845], trnL-UAA [51369..51418], trnV-UAC [complement(54889..54925)], trnV-UAC [complement(55512..55550)], rps12 [complement(73732..73845)], rps12 [145368..145599], rps12 [146137..146165], clpP [complement(74012..74243)], clpP [complement(74883..75176)], clpP [complement(76025..76095)], rpl22 [complement(87751..87752)], rpl22 [complement(87782..88157)], rpl2 [complement(88587..89056)], rpl2 [complement(89683..90076)], ycf2 [90712..95774], ycf2 [95811..97593], ycf15 [97684..97842], ycf15 [98119..98208], ndhB [complement(99191..99946)], ndhB [complement(100627..101403)], trnI-GAU [106895..106936], trnI-GAU [107879..107913], trnA-UGC [107978..108015], trnA-UGC [108837..108871], ndhA [complement(124728..125272)], ndhA [complement(126471..127026)], ycf1 [complement(128931..130555)], ycf1 [complement(130595..133675)], ycf1 [complement(133727..134636)], trnA-UGC [complement(139537..139571)], trnA-UGC [complement(140393..140430)], trnI-GAU [complement(140495..140529)], trnI-GAU [complement(141472..141513)], ndhB [147005..147781], ndhB [148462..149217], ycf15 [complement(150200..150289)], ycf15 [complement(150563..150724)], ycf2 [complement(150815..152597)], ycf2 [complement(152631..157696)], rpl2 [158332..158722], rpl2 [159352..159821]	rpoC1 [complement(24004..24769)], ycf3 [complement(45490..46220)], ycf3 [complement(46451..47298)], trnL-UAA [50846..51368], trnV-UAC [complement(54926..55511)], clpP [complement(74244..74882)], clpP [complement(75177..76024)], rpl22 [complement(87753..87781)], rpl2 [complement(89057..89682)], ycf2 [95775..95810], ycf15 [97843..98118], ndhB [complement(99947..100626)], trnI-GAU [106937..107878], trnA-UGC [108016..108836], ndhA [complement(125273..126470)], ycf1 [complement(130556..130594)], ycf1 [complement(133676..133726)], trnA-UGC [complement(139572..140392)], trnI-GAU [complement(140530..141471)], ndhB [147782..148461], ycf15 [complement(150290..150562)], ycf2 [complement(152598..152630)], rpl2 [158723..159351]
477.	BIBA	65	trnK [complement(1663..1698)], trnK [complement(4248..4284)], trnT [8452..8485], trnT [9204..9245], atpF [complement(11381..11790)], atpF [complement(12513..12657)], rpoC1 [complement(20142..21752)], rpoC1 [complement(22537..22968)], ycf3 [complement(42399..42551)], ycf3	trnK [complement(1699..4247)], trnT [8486..9203], atpF [complement(11791..12512)], rpoC1 [complement(21753..22536)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43343..43570)], trnL [46960..46994], trnL [47316..47365], trnV [complement(50798..50832)], trnV [complement(51439..51477)], rps12 [complement(68786..68899)], rps12 [139566..139797], rps12 [140335..140360], clpP [complement(69084..69311)], clpP [complement(69886..70177)], clpP [complement(71083..71153)], petB [74138..74143], petB [74943..75584], petD [75782..75789], petD [76499..76973], rpl16 [complement(80477..80875)], rpl16 [complement(82008..82016)], rpl2 [complement(83708..84142)], rpl2 [complement(84825..85214)], ndhB [complement(94264..95025)], ndhB [complement(95711..96118)], trnE [102046..102077], trnE [103025..103064], trnA [103129..103165], trnA [103965..104000], ndhA [complement(119557..120086)], ndhA [complement(121164..121716)], trnA [complement(133683..133718)], trnA [complement(134518..134554)], trnE [complement(134619..134658)], trnE [complement(135606..135637)], ndhB [141565..141972], ndhB [142658..143419], rpl2 [152469..152858], rpl2 [153541..153975]	[complement(42552..43342)], trnL [46995..47315], trnV [complement(50833..51438)], clpP [complement(69312..69885)], clpP [complement(70178..71082)], petB [74144..74942], petD [75790..76498], rpl16 [complement(80876..82007)], rpl2 [complement(84143..84824)], ndhB [complement(95026..95710)], trnE [102078..103024], trnA [103166..103964], ndhA [complement(120087..121163)], trnA [complement(133719..134517)], trnE [complement(134659..135605)], ndhB [141973..142657], rpl2 [152859..153540]
478.	BIIN	61	rps12 [complement(128905..128939)], rps12 [complement(129483..129714)], rps12 [complement(101558..101671)], trnA-UGC [complement(5765..5799)], trnA-UGC [complement(6617..6654)], trnI-GAU [complement(6718..6752)], trnI-GAU [complement(7696..7737)], rps12 [complement(101558..101671)], rps12 [11406..11637], rps12 [12181..12215], ndhB [13009..13785], ndhB [14470..15225], trnK-UUU [complement(26430..26464)], trnK-UUU [complement(28959..28995)], rps16 [complement(29758..29984)], rps16 [complement(30819..30858)], trnG-GCC [33961..33983], trnG-GCC [34662..34698], atpF [complement(36607..37016)], atpF [complement(37723..37867)], rpoC1 [complement(50438..52045)], rpoC1 [complement(52806..53258)], ycf3 [complement(73571..73723)], ycf3 [complement(74520..74749)], ycf3 [complement(75483..75606)], trnL-UAA [78389..78425], trnL-UAA [78923..78972], trnV-UAC [complement(83110..83146)], trnV-UAC [complement(83737..83774)], clpP [complement(101826..102071)], clpP [complement(102749..103040)], clpP [complement(103796..103866)], petB [106758..106763], petB	trnA-UGC [complement(5800..6616)], trnI-GAU [complement(6753..7695)], ndhB [13786..14469], trnK-UUU [complement(26465..28958)], rps16 [complement(29985..30818)], trnG-GCC [33984..34661], atpF [complement(37017..37722)], rpoC1 [complement(52046..52805)], ycf3 [complement(73724..74519)], ycf3 [complement(74750..75482)], trnL-UAA [78426..78922], trnV-UAC [complement(83147..83736)], clpP [complement(102072..102748)], clpP [complement(103041..103795)], petB [106764..107551], petD [108390..109124], ndhB [complement(126651..127334)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[107552..108193], petD [108382..108389], petD [109125..109599], ndhB [complement(125895..126650)], ndhB [complement(127335..128111)], trnI-GAU [133383..133424], trnI-GAU [134368..134402], trnA-UGC [134466..134503], trnA-UGC [135321..135355]	GAU [133425..134367], trnA-UGC [134504..135320]
479.	BILY	65	trnK [complement(1669..1704)], trnK [complement(4240..4276)], trnT [8527..8560], trnT [9291..9332], atpF [complement(11458..11867)], atpF [complement(12586..12730)], rpoC1 [complement(20204..21814)], rpoC1 [complement(22603..23034)], ycf3 [complement(42613..42765)], ycf3 [complement(43557..43784)], trnL [47171..47205], trnL [47527..47576], trnV [complement(51000..51034)], trnV [complement(51635..51673)], rps12 [complement(69015..69128)], rps12 [139190..139421], rps12 [139959..139984], clpP [complement(69313..69540)], clpP [complement(70113..70404)], clpP [complement(71300..71370)], petB [74348..74353], petB [75152..75793], petD [75991..75998], petD [76716..77190], rpl16 [complement(80681..81079)], rpl16 [complement(82219..82227)], rpl2 [complement(83929..84363)], rpl2 [complement(85046..85435)], ndhB [complement(94444..95205)], ndhB [complement(95891..96298)], trnE [102224..102255], trnE [103203..103242], trnA [103307..103343], trnA [104144..104179], ndhA [complement(119394..119923)], ndhA [complement(120990..121542)], trnA [complement(133306..133341)], trnA [complement(134142..134178)], trnE [complement(134243..134282)], trnE [complement(135230..135261)], ndhB [141187..141594], ndhB [142280..143041], rpl2 [152050..152439], rpl2 [153122..153556]	trnK [complement(1705..4239)], trnT [8561..9290], atpF [complement(11868..12585)], rpoC1 [complement(21815..22602)], ycf3 [complement(42766..43556)], trnL [47206..47526], trnV [complement(51035..51634)], clpP [complement(69541..70112)], clpP [complement(70405..71299)], petB [74354..75151], petD [75999..76715], rpl16 [complement(81080..82218)], rpl2 [complement(84364..85045)], ndhB [complement(95206..95890)], trnE [102256..103202], trnA [103344..104143], ndhA [complement(119924..120989)], trnA [complement(133342..134141)], trnE [complement(134283..135229)], ndhB [141595..142279], rpl2 [152440..153121]
480.	BINO	43	rps12 [complement(100768..100797)], rps12 [complement(71946..72059)], trnK-UUU [complement(1547..1581)], trnK-UUU [complement(4200..4236)], trnG-GCC [9245..9267], trnG-GCC [9960..10007], trnL-UAA [48022..48056], trnL-UAA [48581..48630], trnV-UAC [complement(53408..53444)], trnV-UAC [complement(54037..54075)], rps12 [complement(71946..72059)], rps12 [143933..143958], trnI-GAU [105540..105581], trnI-GAU [106519..106553], trnA-UGC [106618..106655], trnA-UGC [107462..107496], trnA-UGC [complement(137234..137268)], trnA-UGC [complement(138075..138112)],	trnK-UUU [complement(1582..4199)], rps16 [complement(5294..6149)], trnG-GCC [9268..9959], atpF [complement(12391..13212)], rpoC1 [complement(22883..23632)], ycf3 [complement(43414..44148)], ycf3 [complement(44377..45092)], trnL-UAA [48057..48580], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138177..138211)], trnI-GAU [complement(139149..139190)]	[complement(53445..54036)], clpP [complement(72448..73098)], clpP [complement(73391..74212)], petB [77210..77990], petD [78840..79577], rpl16 [complement(83986..85172)], rpl2 [complement(87485..88146)], ndhB [complement(98455..99157)], trnI-GAU [105582..106518], trnA-UGC [106656..107461], ndhA [complement(123285..124332)], trnA-UGC [complement(137269..138074)], trnI-GAU [complement(138212..139148)], ndhB [145573..146275], rpl2 [156584..157245]
481.	BIOR	3	rps12 [complement(74555..74668)], rps12 [145931..145956], ndhA [122274..122826]	-
482.	BLBA	28	rps12 [complement(97562..97804)], rps12 [complement(69083..69196)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4140..4176)], ycf3 [complement(42797..43026)], rps12 [137945..138187]	trnK-UUU [complement(1602..4139)], rps16 [complement(5199..6091)], rpoC1 [16326..17075], atpF [26813..27520], trnG-UCC [complement(30001..30733)], ycf3 [complement(42058..42796)], ycf3 [complement(43027..43716)], trnL-UAA [46796..47227], trnV-UAC [complement(50833..51401)], clpP [complement(69626..70240)], clpP [complement(70532..71343)], petB [74400..75195], petD [76033..76773], rpl2 [complement(84335..85005)], ndhB [complement(94743..95416)], trnI-GAU [101687..102462], trnA-UGC [102600..103419], ndhA [115716..116768], trnA-UGC [complement(132330..133149)], trnI-GAU [complement(133287..134062)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhB [140333..141006], rpl2 [150745..151415]
483.	BLOC	64	rps12 [complement(100217..100242)], rps12 [complement(100790..101018)], rps12 [complement(70754..70891)], trnK-UUU [complement(1370..1395)], trnK-UUU [complement(4106..4142)], rps16 [complement(4610..4857)], rps16 [complement(5763..5802)], trnG-GCC [8840..8862], trnG-GCC [9584..9630], atpF [complement(11604..12014)], atpF [complement(12986..13129)], rpoC1 [complement(20472..22082)], rpoC1 [complement(22886..23320)], ycf3 [complement(43370..43522)], ycf3 [complement(44298..44527)], ycf3 [complement(45268..45391)], trnL-UAA [47969..48003], trnL-UAA [48731..48780], trnV-UAC [complement(51976..52010)], trnV-UAC [complement(52586..52624)], rps12 [complement(70754..70891)], rps12 [142217..142445], rps12 [142993..143018], clpP [complement(71025..71276)], clpP [complement(71962..72252)], clpP [complement(73184..73252)], petB [76539..76544], petB [77285..77926], petD [78112..78119], petD [78975..79470], rpl16 [complement(82972..83370)], rpl16 [complement(84596..84604)], rpl2 [complement(86538..86969)], rpl2 [complement(87631..88017)], trnI-GAU [104937..104978], trnI-GAU [105924..105958], trnA-UGC [106023..106060], trnA-UGC [106862..106896], trnA-UGC [complement(136339..136373)], trnA-UGC [complement(137175..137212)], trnI-GAU [complement(137277..137311)], trnI-GAU [complement(138257..138298)], rpl2 [155218..155604], rpl2 [156266..156697]	trnK-UUU [complement(1396..4105)], rps16 [complement(4858..5762)], trnG-GCC [8863..9583], atpF [complement(12015..12985)], rpoC1 [complement(22083..22885)], ycf3 [complement(43523..44297)], ycf3 [complement(44528..45267)], trnL-UAA [48004..48730], trnV-UAC [complement(52011..52585)], clpP [complement(71277..71961)], clpP [complement(72253..73183)], petB [76545..77284], petD [78120..78974], rpl16 [complement(83371..84595)], rpl2 [complement(86970..87630)], trnI-GAU [104979..105923], trnA-UGC [106061..106861], trnA-UGC [complement(136374..137174)], trnI-GAU [complement(137312..138256)], rpl2 [155605..156265]
484.	BLSC	49	rps12 [complement(98831..98856)], rps12 [complement(99397..99628)], rps12 [complement(70668..70781)], trnK [complement(1627..1661)], trnK [complement(4206..4242)], rps16 [complement(4682..4899)], rps16 [complement(5702..5741)], trnG [8993..9015], trnG [9778..9826], atpF [complement(11941..12350)], atpF [complement(13162..13306)], rpoC1 [complement(21089..22705)], rpoC1 [complement(23435..23866)], ycf3 [complement(43348..43500)], ycf3 [complement(44316..44543)], ycf3 [complement(45284..45409)], trnL [48160..48194], trnL [48721..48770], trnV [complement(52301..52335)], trnV [complement(52947..52985)], rps12	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141605..141836], rps12 [142377..142402], clpP [complement(70958..71185)], clpP [complement(71814..72105)], clpP [complement(73040..73110)], petB [76002..76007], petB [76777..77418], petD [77613..77620], petD [78422..78896], rpl16 [complement(82367..82765)], rpl16 [complement(83764..83772)], rpl2 [complement(85508..85942)], rpl2 [complement(86606..86995)], ndhB [complement(95770..96525)], ndhB [complement(97206..97985)], trnI [103635..103671], trnI [104519..104553], trnA [104623..104660], trnA [105462..105496], ndhA [complement(121284..121822)], ndhA [complement(122832..123384)], trnA [complement(135737..135771)], trnA [complement(136573..136610)], trnI [complement(136680..136714)], trnI [complement(137562..137598)], ndhB [143248..144027], ndhB [144708..145463], rpl2 [154238..154627], rpl2 [155291..155725]	
485.	BLST	64	rps12 [complement(100123..100148)], rps12 [complement(100697..100925)], rps12 [complement(70904..71032)], trnK-UUU [complement(1445..1470)], trnK-UUU [complement(4219..4257)], rps16 [complement(4752..5011)], rps16 [complement(5991..6030)], trnG-GCC [9180..9203], trnG-GCC [9902..9948], atpF [complement(11940..12350)], atpF [complement(13297..13440)], rpoC1 [complement(20792..22420)], rpoC1 [complement(23196..23630)], ycf3 [complement(43682..43834)], ycf3 [complement(44614..44843)], ycf3 [complement(45566..45689)], trnL-UAA [48257..48291], trnL-UAA [49091..49140], trnV-UAC [complement(52230..52264)], trnV-UAC [complement(52841..52879)], rps12 [complement(70904..71032)], rps12 [141912..142140], rps12 [142689..142714], clpP [complement(71166..71417)], clpP [complement(72087..72377)], clpP [complement(73274..73342)], petB [76573..76578], petB [77312..77953], petD [78139..78146], petD [78992..79505], rpl16 [complement(83043..83441)], rpl16 [complement(84595..84603)], rpl2 [complement(86584..87015)], rpl2 [complement(87677..88063)], trnI-GAU [104732..104773], trnI-GAU [105720..105754], trnA-UGC [105819..105856], trnA-UGC [106658..106692], trnA-UGC [complement(136145..136179)], trnA-UGC [complement(136981..137018)], trnI-GAU [complement(137083..137117)],	trnK-UUU [complement(1471..4218)], rps16 [complement(5012..5990)], trnG-GCC [9204..9901], atpF [complement(12351..13296)], rpoC1 [complement(22421..23195)], ycf3 [complement(43835..44613)], ycf3 [complement(44844..45565)], trnL-UAA [48292..49090], trnV-UAC [complement(52265..52840)], clpP [complement(71418..72086)], clpP [complement(72378..73273)], petB [76579..77311], petD [78147..78991], rpl16 [complement(83442..84594)], rpl2 [complement(87016..87676)], trnI-GAU [104774..105719], trnA-UGC [105857..106657], trnA-UGC [complement(136180..136980)], trnI-GAU [complement(137118..138063)], rpl2 [155161..155821]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138064..138105)], rpl2 [154774..155160], rpl2 [155822..156253]	
486.	BOAL	64	rps12 [complement(89498..89526)], rps12 [complement(90067..90298)], rps12 [complement(66395..66508)], trnK-UUU [complement(1397..1429)], trnK-UUU [complement(3931..3968)], rps16 [complement(4524..4741)], rps16 [complement(5581..5620)], trnG-UCC [complement(12448..12495)], trnG-UCC [complement(13194..13216)], atpF [32008..32166], atpF [32976..33383], ycf3 [complement(41134..41292)], ycf3 [complement(42027..42254)], ycf3 [complement(43023..43154)], trnL-UAA [45945..45979], trnL-UAA [46431..46480], trnV-UAC [complement(50121..50157)], trnV-UAC [complement(50760..50798)], rps12 [126880..127111], rps12 [127652..127680], petB [70257..70262], petB [71011..71658], petD [71841..71848], petD [72589..73063], rpl16 [complement(76649..77050)], rpl16 [complement(78139..78147)], rpl2 [complement(80110..80541)], rpl2 [complement(81205..81594)], ndhB [complement(86431..87186)], ndhB [complement(87891..88667)], trnI-GAU [94135..94176], trnI-GAU [95124..95158], trnA-UGC [95224..95261], trnA-UGC [96072..96106], ndhA [complement(111604..112143)], ndhA [complement(113130..113678)], trnA-UGC [complement(121072..121106)], trnA-UGC [complement(121917..121954)], trnI-GAU [complement(122020..122054)], trnI-GAU [complement(123002..123043)], ndhB [128511..129287], ndhB [129992..130747], rpl2 [135584..135973], rpl2 [136637..137068]	trnK-UUU [complement(1430..3930)], rps16 [complement(4742..5580)], trnG-UCC [complement(12496..13193)], atpF [32167..32975], ycf3 [complement(41293..42026)], ycf3 [complement(42255..43022)], trnL-UAA [45980..46430], trnV-UAC [complement(50158..50759)], petB [70263..71010], petD [71849..72588], rpl16 [complement(77051..78138)], rpl2 [complement(80542..81204)], ndhB [complement(87187..87890)], trnI-GAU [94177..95123], trnA-UGC [95262..96071], ndhA [complement(112144..113129)], trnA-UGC [complement(121107..121916)], trnI-GAU [complement(122055..123001)], ndhB [129288..129991], rpl2 [135974..136636]
487.	BOCE	55	rps12 [complement(103476..103718)], rps12 [complement(74027..74140)], rps16 [complement(5360..5584)], rps16 [complement(6470..6511)], atpF [complement(12125..12534)], atpF [complement(13339..13501)], rpoC1 [complement(21736..23375)], rpoC1 [complement(24127..24559)], trnL-UAA [37642..37674], trnL-UAA [37785..37823], trnI-UAU [complement(37657..37691)], trnI-UAU [complement(37810..37848)], ycf3 [complement(44485..44637)], ycf3 [complement(45429..45658)], ycf3 [complement(46413..46539)], rps12 [144299..144544], clpP [complement(74334..74559)], clpP [complement(75238..75531)], clpP [complement(76456..76523)], petB [80171..80176], petB [80217..80870], petD	rps16 [complement(5585..6469)], atpF [complement(12535..13338)], rpoC1 [complement(23376..24126)], trnL-UAA [37675..37784], trnI-UAU [complement(37692..37809)], ycf3 [complement(44638..45428)], ycf3 [complement(45659..46412)], clpP [complement(74560..75237)], clpP [complement(75532..76455)], petB [80177..80216], petD [81091..81826], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81084..81090], petD [81827..82302], rpl2 [complement(89151..89584)], rpl2 [complement(90288..90681)], ycf15 [98296..98454], ycf15 [98755..98844], ndhB [complement(99859..100614)], ndhB [complement(101298..102074)], ndhA [122284..122836], ndhA [123973..124511], ndhB [145946..146722], ndhB [147406..148161], ycf15 [complement(149176..149265)], ycf15 [complement(149563..149739)], rpl2 [157339..157729], rpl2 [158436..158869]	[complement(89585..90287)], ycf15 [98455..98754], ndhB [complement(100615..101297)], ndhA [122837..123972], ndhB [146723..147405], ycf15 [complement(149266..149562)], rpl2 [157730..158435]
488.	BOCH	25	rps12 [complement(75012..75125)], rps12 [146105..146130]	trnK-UUU [complement(1932..4422)], rps16 [complement(5254..6069)], trnG-UCC [8790..9504], atpF [complement(11886..12586)], rpoC1 [complement(22337..23080)], trnL-UAA [complement(42581..43051)], ycf3 [46123..46839], ycf3 [47070..47820], trnV-UAC [complement(57069..57652)], clpP [complement(75549..76192)], clpP [complement(76484..77213)], petB [80181..81002], petD [81848..82574], rpl16 [complement(86943..87975)], rpl2 [complement(90163..90822)], ndhB [complement(101173..101872)], trnI-GAU [107816..108758], trnA-UGC [108895..109694], ndhA [122655..123609], trnA-UGC [complement(139929..140728)], trnI-GAU [complement(140865..141807)], ndhB [147751..148450], rpl2 [158801..159460]
489.	BOCU	64	rps12 [complement(87735..87763)], rps12 [complement(88304..88535)], rps12 [complement(66196..66309)], trnK-UUU [complement(1386..1418)], trnK-UUU [complement(3874..3911)], rps16 [complement(4460..4674)], rps16 [complement(5509..5548)], trnG-UCC [complement(12823..12870)], trnG-UCC [complement(13552..13574)], atpF [32708..32866], atpF [33685..34092], ycf3 [complement(41897..42055)], ycf3 [complement(42768..42995)], ycf3	trnK-UUU [complement(1419..3873)], rps16 [complement(4675..5508)], trnG-UCC [complement(12871..13551)], atpF [32867..33684], ycf3 [complement(42056..42767)], ycf3 [complement(42996..43749)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43750..43875)], trnL-UAA [46140..46174], trnL-UAA [46740..46789], trnV-UAC [complement(50033..50079)], trnV-UAC [complement(50668..50706)], rps12 [124640..124871], rps12 [125412..125440], petB [70085..70090], petB [70879..71526], petD [71726..71733], petD [72478..72952], rpl16 [complement(76476..76877)], rpl16 [complement(77949..77957)], rpl2 [complement(79882..80313)], rpl2 [complement(80974..81366)], ndhB [complement(84663..85419)], ndhB [complement(86132..86907)], trnI-GAU [92375..92416], trnI-GAU [93131..93165], trnA-UGC [93231..93268], trnA-UGC [94090..94124], ndhA [complement(109640..110179)], ndhA [complement(111163..111711)], trnA-UGC [complement(119051..119085)], trnA-UGC [complement(119907..119944)], trnI-GAU [complement(120010..120044)], trnI-GAU [complement(120759..120800)], ndhB [126268..127043], ndhB [127756..128512], rpl2 [131809..132201], rpl2 [132862..133293]	[46175..46739], trnV-UAC [complement(50080..50667)], petB [70091..70878], petD [71734..72477], rpl16 [complement(76878..77948)], rpl2 [complement(80314..80973)], ndhB [complement(85420..86131)], trnI-GAU [92417..93130], trnA-UGC [93269..94089], ndhA [complement(110180..111162)], trnA-UGC [complement(119086..119906)], trnI-GAU [complement(120045..120758)], ndhB [127044..127755], rpl2 [132202..132861]
490.	BODE	23	trnK-UUU [complement(1405..1433)], trnK-UUU [complement(3924..3961)], rps12 [128398..128426]	trnK-UUU [complement(1434..3923)], rps16 [complement(4727..5565)], trnG-UCC [complement(13047..13744)], atpF [32936..33765], ycf3 [complement(42092..42824)], ycf3 [complement(43053..43820)], trnL-UAA [46758..47208], trnV-UAC [complement(50962..51563)], petB [71013..71758], petD [72597..73336], rpl16 [complement(77776..78864)], rpl2 [complement(81269..81931)], ndhB [complement(87904..88607)], trnI-GAU [94894..95839], trnA-UGC [95978..96787], ndhA [complement(112854..113839)], trnA-UGC [complement(121854..122663)], trnI-GAU [complement(122802..123747)], ndhB [130034..130737], rpl2 [136710..137372]
491.	BOED	38	trnK-UUU [complement(1376..1410)], trnK-UUU [complement(4038..4074)],	trnK-UUU [complement(1411..4037)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [9286..9308], trnG-UCC [9986..10033], trnV-UAC [complement(51243..51277)], trnV-UAC [complement(51876..51914)], rps12 [141237..141262], trnI-GAU [102230..102266], trnI-GAU [103205..103239], trnA-UGC [103303..103340], trnA-UGC [104143..104177], trnA-UGC [complement(134843..134877)], trnA-UGC [complement(135680..135717)], trnI-GAU [complement(135781..135815)], trnI-GAU [complement(136754..136790)]	[complement(5011..5872)], trnG-UCC [9309..9985], atpF [complement(12383..13185)], rpoC1 [complement(22747..23496)], ycf3 [complement(42401..43133)], ycf3 [complement(43364..44064)], trnL-UAA [46664..47182], trnV-UAC [complement(51278..51875)], clpP [complement(69802..70480)], clpP [complement(70773..71592)], petB [74584..75373], petD [76227..77008], rpl16 [complement(81379..82375)], rpl2 [complement(84780..85444)], ndhB [complement(95420..96120)], trnI-GAU [102267..103204], trnA-UGC [103341..104142], ndhA [complement(120857..121959)], trnA-UGC [complement(134878..135679)], trnI-GAU [complement(135816..136753)], ndhB [142900..143600], rpl2 [153576..154240]
492.	BOGR	64	rps12 [complement(87800..87828)], rps12 [complement(88369..88600)], rps12 [complement(66157..66270)], trnK-UUU [complement(1404..1436)], trnK-UUU [complement(3926..3963)], rps16 [complement(4522..4739)], rps16 [complement(5580..5619)], trnG-UCC [complement(12851..12898)], trnG-UCC [complement(13592..13614)], atpF [32817..32975], atpF [33791..34198], ycf3 [complement(41993..42151)], ycf3 [complement(42881..43108)], ycf3 [complement(43858..43983)], trnL-UAA [46283..46317], trnL-UAA [46873..46922], trnV-UAC [complement(50049..50095)], trnV-UAC [complement(50683..50721)], rps12 [124458..124689], rps12 [125230..125258], petB [70050..70055], petB [70861..71508], petD [71717..71724], petD [72481..72955], rpl16 [complement(76491..76892)], rpl16 [complement(77931..77939)], rpl2 [complement(79878..80309)], rpl2	trnK-UUU [complement(1437..3925)], rps16 [complement(4740..5579)], trnG-UCC [complement(12899..13591)], atpF [32976..33790], ycf3 [complement(42152..42880)], ycf3 [complement(43109..43857)], trnL-UAA [46318..46872], trnV-UAC [complement(50096..50682)], petB [70056..70860], petD [71725..72480], rpl16 [complement(76893..77930)], rpl2 [complement(80310..80969)], ndhB [complement(85485..86196)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(80970..81362)], ndhB [complement(84728..85484)], ndhB [complement(86197..86972)], trnI-GAU [92427..92468], trnI-GAU [93179..93213], trnA-UGC [93279..93316], trnA-UGC [94132..94166], ndhA [complement(109414..109953)], ndhA [complement(110993..111541)], trnA-UGC [complement(118892..118926)], trnA-UGC [complement(119742..119779)], trnI-GAU [complement(119845..119879)], trnI-GAU [complement(120590..120631)], ndhB [126086..126861], ndhB [127574..128330], rpl2 [131696..132088], rpl2 [132749..133180]	[92469..93178], trnA-UGC [93317..94131], ndhA [complement(109954..110992)], trnA-UGC [complement(118927..119741)], trnI-GAU [complement(119880..120589)], ndhB [126862..127573], rpl2 [132089..132748]
493.	BOLA	11	rps12 [complement(41042..41053)], rps12 [complement(19528..19641)], rps16 [complement(2305..2492)], rps12 [66836..66974], rpl2 [79689..79913]	rps16 [complement(2493..3476)], clpP [complement(20026..20699)], clpP [complement(20991..21780)], rpl16 [complement(25258..26061)], rpl2 [complement(28208..28881)], rpl2 [79014..79688]
494.	BOM A	73	rps12 [complement(100491..100516)], rps12 [complement(101058..101286)], rps12 [complement(71557..71670)], trnK-UUU [complement(1419..1453)], trnK-UUU [complement(4077..4113)], rps16 [complement(4847..5067)], rps16 [complement(5929..5968)], trnG-UCC [8961..8983], trnG-UCC [9673..9720], atpF [complement(11723..12133)], atpF [complement(12945..13091)], rpoC1 [complement(20981..22601)], rpoC1 [complement(23351..23778)], ycf3 [complement(42984..43144)], ycf3 [complement(43877..44104)], ycf3 [complement(44821..44944)], trnL-UAA [47887..47921], trnL-UAA [48432..48481], trnV-UAC [complement(52919..52955)], trnV-UAC [complement(53548..53586)], rps12 [complement(71557..71670)], rps12 [142996..143224], rps12 [143766..143791], clpP [complement(71807..72058)], clpP [complement(72713..73004)], clpP [complement(73820..73890)], petB [76814..76819], petB [77601..78248], petD [78442..78449], petD [79182..79695], rpl16 [complement(83189..83587)], rpl16 [complement(84812..84820)], rpl2 [complement(86783..87214)], rpl2 [complement(87877..88266)], ndhB [complement(97418..98173)], ndhB [complement(98877..99653)], trnI-GAU [105350..105391], trnI-GAU [106329..106363], trnA-UGC [106428..106465], trnA-UGC [107272..107306],	trnK-UUU [complement(1454..4076)], rps16 [complement(5068..5928)], trnG-UCC [8984..9672], atpF [complement(12134..12944)], rpoC1 [complement(22602..23350)], ycf3 [complement(43145..43876)], ycf3 [complement(44105..44820)], trnL-UAA [47922..48431], trnV-UAC [complement(52956..53547)], clpP [complement(72059..72712)], clpP [complement(73005..73819)], petB [76820..77600], petD [78450..79181], rpl16 [complement(83588..84811)], rpl2 [complement(87215..87876)], ndhB [complement(98174..98876)], trnI-GAU [105392..106328], trnA-UGC [106466..107271], ndhA [complement(123120..124057)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(122581..123119)], ndhA [complement(124058..124610)], trnA-UGC [complement(136976..137010)], trnA-UGC [complement(137817..137854)], trnI-GAU [complement(137919..137953)], trnI-GAU [complement(138891..138932)], ndhB [144629..145405], ndhB [146109..146864], rpl2 [156016..156405], rpl2 [157068..157499]	[complement(137011..137816)], trnI-GAU [complement(137954..138890)], ndhB [145406..146108], rpl2 [156406..157067]
495.	BOSA	64	rps12 [complement(102858..103100)], rps12 [complement(73885..73998)], trnK-UUU [complement(1852..1888)], trnK-UUU [complement(4396..4432)], rps16 [complement(5467..5685)], rps16 [complement(6570..6617)], atpF [complement(13260..13670)], atpF [complement(14407..14565)], rpoC1 [complement(22675..24294)], rpoC1 [complement(25073..25507)], ycf3 [complement(45381..45533)], ycf3 [complement(46316..46543)], ycf3 [complement(47266..47394)], trnL-UAA [50708..50744], trnL-UAA [51270..51319], trnV-UAC [complement(54864..54900)], trnV-UAC [complement(55485..55523)], rps12 [145499..145741], clpP [complement(74165..74392)], clpP [complement(75039..75329)], clpP [complement(76157..76225)], petB [79112..79117], petB [79935..80582], rpl16 [complement(85526..85927)], rpl16 [complement(86956..86964)], rpl2 [complement(88644..89078)], rpl2 [complement(89741..90133)], ndhB [complement(99246..100001)], ndhB [complement(100683..101459)], trnI-GAU [107000..107041], trnI-GAU [107997..108031], trnA-UGC [108096..108133], trnA-UGC [108936..108970], ndhA [complement(125143..125682)], ndhA [complement(126793..127344)], trnA-UGC [complement(139629..139663)], trnA-UGC [complement(140466..140503)], trnI-GAU [complement(140568..140602)], trnI-GAU [complement(141558..141599)], ndhB [147140..147916], ndhB [148598..149353], rpl2 [158466..158858], rpl2 [159521..159955]	trnK-UUU [complement(1889..4395)], rps16 [complement(5686..6569)], atpF [complement(13671..14406)], rpoC1 [complement(24295..25072)], ycf3 [complement(45534..46315)], ycf3 [complement(46544..47265)], trnL-UAA [50745..51269], trnV-UAC [complement(54901..55484)], clpP [complement(74393..75038)], clpP [complement(75330..76156)], petB [79118..79934], rpl16 [complement(85928..86955)], rpl2 [complement(89079..89740)], ndhB [complement(100002..100682)], trnI-GAU [107042..107996], trnA-UGC [108134..108935], ndhA [complement(125683..126792)], trnA-UGC [complement(139664..140465)], trnI-GAU [complement(140603..141557)], ndhB [147917..148597], rpl2 [158859..159520]
496.	BOSC	66	rps12 [complement(98471..98496)], rps12 [complement(99038..99269)], rps12 [complement(71194..71307)], trnK-UUU [complement(1873..1907)], trnK-UUU [complement(4416..4452)], rps16 [complement(5100..5325)], rps16 [complement(6212..6252)], trnG-UCC [9361..9383], trnG-UCC [10089..10136], atpF [complement(12060..12469)], atpF [complement(13238..13382)], rpoC1 [complement(20971..22572)], rpoC1	trnK-UUU [complement(1908..4415)], rps16 [complement(5326..6211)], trnG-UCC [9384..10088], atpF [complement(12470..13237)], rpoC1 [complement(22573..23385)], ycf3 [complement(43304..44069)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23386..23817)], ycf3 [complement(43151..43303)], ycf3 [complement(44070..44297)], ycf3 [complement(45095..45220)], trnL-UAA [48285..48321], trnL-UAA [48861..48910], trnV-UAC [complement(52664..52698)], trnV-UAC [complement(53304..53342)], rps12 [140929..141160], rps12 [141702..141727], clpP [complement(71497..71724)], clpP [complement(72356..72647)], clpP [complement(73422..73492)], petB [76475..76480], petB [77257..77898], petD [78111..78118], petD [78841..79315], rpl16 [complement(82775..83173)], rpl16 [complement(84103..84111)], ndhB [complement(95428..96183)], ndhB [complement(96852..97628)], trnI-GAU [102853..102889], trnI-GAU [103814..103848], trnA-UGC [103919..103956], trnA-UGC [104785..104819], ndhA [complement(120896..121434)], ndhA [complement(122487..123039)], trnA-UGC [complement(135379..135413)], trnA-UGC [complement(136242..136279)], trnI-GAU [complement(136350..136384)], trnI-GAU [complement(137309..137345)], ndhB [142570..143346], ndhB [144015..144770]	[complement(44298..45094)], trnL-UAA [48322..48860], trnV-UAC [complement(52699..53303)], clpP [complement(71725..72355)], clpP [complement(72648..73421)], petB [76481..77256], petD [78119..78840], rpl16 [complement(83174..84102)], ndhB [complement(96184..96851)], trnI-GAU [102890..103813], trnA-UGC [103957..104784], ndhA [complement(121435..122486)], trnA-UGC [complement(135414..136241)], trnI-GAU [complement(136385..137308)], ndhB [143347..144014]
497.	BOSE	69	ndhB [complement(11782..12543)], ndhB [complement(13271..13993)], rps12 [complement(14878..14903)], rps12 [complement(15452..15683)], rps12 [complement(92443..92556)], trnI-GAU [19616..19652], trnI-GAU [20595..20629], trnA-UGC [20698..20735], trnA-UGC [21516..21550], ndhA [37302..37860], ndhA [38802..39349], trnA-UGC [complement(55911..55945)], trnA-UGC [complement(56726..56763)], trnI-GAU [complement(56832..56866)], trnI-GAU [complement(57809..57845)], rps12 [61778..62009], rps12 [62558..62583], ndhB [63468..64190], ndhB [64918..65679], rpl2 [76799..77198], rpl2 [77880..78310], rpl16 [79824..79832], rpl16 [80783..81190], petD [complement(84594..85092)], petD [complement(85819..85826)], petB [complement(86018..86659)], petB [complement(87407..87412)], clpP [90366..90415], clpP [91193..91484], clpP [92057..92302], trnV-UAC [109857..109895], trnV-UAC [110438..110472], trnL-UAG [complement(117047..117099)], trnL-UAG [complement(117580..117614)], ycf3 [120168..120291], ycf3 [121006..121235], ycf3 [121970..122125], rpoC1 [141691..142152], rpoC1	ndhB [complement(12544..13270)], trnI-GAU [19653..20594], trnA-UGC [20736..21515], ndhA [37861..38801], trnA-UGC [complement(55946..56725)], trnI-GAU [complement(56867..57808)], ndhB [64191..64917], rpl2 [77199..77879], rpl16 [79833..80782], petD [complement(85093..85818)], petB [complement(86660..87406)], clpP [90416..91192], clpP [91485..92056], trnV-UAC [109896..110437], trnL-UAG [complement(117100..117579)], ycf3 [120292..121005], ycf3 [121236..121969], rpoC1 [142153..142848], atpF [152070..152817], trnG-UCC [complement(155210..156025)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142849..144462], atpF [151925..152069], atpF [152818..153227], trnG-UCC [complement(155162..155209)], trnG-UCC [complement(156026..156048)], rps16 [160639..160678], rps16 [161571..161785], trnK-UUU [162557..162593], trnK-UUU [165077..165111]	[160679..161570], trnK-UUU [162594..165076]
498.	BOSP	86	rps12 [complement(99243..99271)], rps12 [complement(99809..100040)], rps12 [complement(71172..71285)], trnL-UAA [complement(2909..2958)], trnL-UAA [complement(3462..3496)], ycf3 [6730..6855], ycf3 [7619..7846], ycf3 [8624..8776], rpoC1 [27949..28380], rpoC1 [29172..30788], atpF [38420..38563], atpF [39330..39740], trnG-UCC [complement(41655..41702)], trnG-UCC [complement(42410..42432)], rps16 [45278..45319], rps16 [46241..46468], trnK-UUU [47265..47301], trnK-UUU [49888..49925], trnV-UAC [complement(52912..52946)], trnV-UAC [complement(53531..53569)], rps12 [141913..142144], rps12 [142682..142710], clpP [complement(71446..71673)], clpP [complement(72359..72652)], clpP [complement(73460..73528)], petB [76447..76452], petB [77248..77889], petD [78090..78098], petD [78845..79318], rpl16 [complement(82813..83211)], rpl16 [complement(84251..84259)], rpl2 [complement(86050..86484)], rpl2 [complement(87170..87559)], ndhB [complement(96182..96937)], ndhB [complement(97623..98399)], trnI-GAU [103557..103593], trnI-GAU [104550..104589], trnA-UGC [104654..104691], trnA-UGC [105472..105506], ndhA [118028..118579], ndhA [119720..120259], trnA-UGC [complement(136447..136481)], trnA-UGC [complement(137262..137299)], trnI-GAU [complement(137364..137403)], trnI-GAU [complement(138360..138396)], ndhB [143554..144330], ndhB [145016..145771], rpl2 [154394..154783], rpl2 [155469..155903], rpl16 [157694..157702], rpl16 [158742..159140], petD [complement(162635..163108)], petD [complement(163855..163863)], petB [complement(164064..164705)], petB [complement(165501..165506)], clpP [168425..168493], clpP [169301..169594], clpP [170280..170507]	trnL-UAA [complement(2959..3461)], ycf3 [6856..7618], ycf3 [7847..8623], rpoC1 [28381..29171], atpF [38564..39329], trnG-UCC [complement(41703..42409)], rps16 [45320..46240], trnK-UUU [47302..49887], trnV-UAC [complement(52947..53530)], clpP [complement(71674..72358)], clpP [complement(72653..73459)], petB [76453..77247], petD [78099..78844], rpl16 [complement(83212..84250)], rpl2 [complement(86485..87169)], ndhB [complement(96938..97622)], trnI-GAU [103594..104549], trnA-UGC [104692..105471], ndhA [118580..119719], trnA-UGC [complement(136482..137261)], trnI-GAU [complement(137404..138359)], ndhB [144331..145015], rpl2 [154784..155468], rpl16 [157703..158741], petD [complement(163109..163854)], petB [complement(164706..165500)], clpP [168494..169300], clpP [169595..170279]
499.	BOU M	86	rps12 [complement(98157..98185)], rps12 [complement(98723..98954)], rps12 [complement(70165..70278)], trnK-UUU [445..481], trnK-UUU [3095..3132], rps16 [complement(5362..5589)], rps16	trnK-UUU [482..3094], rps16 [complement(5590..6507)], trnG-UCC [9412..10117], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(6508..6549)], trnG-UCC [9389..9411], trnG-UCC [10118..10165], atpF [complement(12086..12496)], atpF [complement(13262..13405)], rpoC1 [complement(21027..22643)], rpoC1 [complement(23442..23873)], ycf3 [complement(43032..43184)], ycf3 [complement(43962..44189)], ycf3 [complement(44941..45066)], trnL-UAA [48264..48298], trnL-UAA [48802..48851], trnV-UAC [complement(51940..51974)], trnV-UAC [complement(52559..52597)], rps12 [140811..141042], rps12 [141580..141608], clpP [complement(70443..70670)], clpP [complement(71379..71672)], clpP [complement(72414..72482)], petB [75402..75407], petB [76199..76840], petD [77041..77049], petD [77796..78269], rpl16 [complement(81729..82127)], rpl16 [complement(83168..83176)], rpl2 [complement(84953..85387)], rpl2 [complement(86073..86462)], ndhB [complement(95096..95851)], ndhB [complement(96537..97313)], trnI-GAU [102483..102519], trnI-GAU [103476..103515], trnA-UGC [103580..103617], trnA-UGC [104398..104432], ndhA [116973..117524], ndhA [118648..119187], trnA-UGC [complement(135333..135367)], trnA-UGC [complement(136148..136185)], trnI-GAU [complement(136250..136289)], trnI-GAU [complement(137246..137282)], ndhB [142452..143228], ndhB [143914..144669], rpl2 [153303..153692], rpl2 [154378..154812], rpl16 [156589..156597], rpl16 [157638..158036], petD [complement(161496..161969)], petD [complement(162716..162724)], petB [complement(162925..163566)], petB [complement(164358..164363)], clpP [167283..167351], clpP [168093..168386], clpP [169095..169322]</p>	<p>[complement(12497..13261)], rpoC1 [complement(22644..23441)], ycf3 [complement(43185..43961)], ycf3 [complement(44190..44940)], trnL-UAA [48299..48801], trnV-UAC [complement(51975..52558)], clpP [complement(70671..71378)], clpP [complement(71673..72413)], petB [75408..76198], petD [77050..77795], rpl16 [complement(82128..83167)], rpl2 [complement(85388..86072)], ndhB [complement(95852..96536)], trnI-GAU [102520..103475], trnA-UGC [103618..104397], ndhA [117525..118647], trnA-UGC [complement(135368..136147)], trnI-GAU [complement(136290..137245)], ndhB [143229..143913], rpl2 [153693..154377], rpl16 [156598..157637], petD [complement(161970..162715)], petB [complement(163567..164357)], clpP [167352..168092], clpP [168387..169094]</p>
500.	BRAC	28	<p>rps12 [complement(100935..100961)], rps12 [complement(101503..101733)], rps12 [complement(72104..72217)], rps12 [complement(72104..72217)], rps12 [143435..143664], rps12 [144206..144233]</p>	<p>trnK-UUU [complement(1561..4197)], rps16 [complement(5203..6077)], trnG-UCC [9164..9849], atpF [complement(12267..13061)], rpoC1 [complement(22741..23484)], pafI [complement(43337..44071)], pafI [complement(44300..45015)], trnL-UAA [48174..48691], trnV-UAC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(53472..54063)], clpP [complement(72606..73259)], clpP [complement(73552..74370)], petB [77369..78151], petD [79021..79752], rpl2 [complement(87627..88288)], ndhB [complement(98617..99320)], trnI-GAU [105739..106675], trnA-UGC [106813..107613], ndhA [120582..121632], trnA-UGC [complement(137555..138355)], trnI-GAU [complement(138493..139429)], ndhB [145848..146551], rpl2 [156904..157565]
501.	BRA M	30	rps12 [complement(100827..100853)], rps12 [complement(101395..101625)], rps12 [complement(71977..72090)], trnL-UAA [48088..48122], trnL-UAA [48641..48690], rps12 [complement(71977..72090)], rps12 [143285..143514], rps12 [144056..144083]	trnK-UUU [complement(1594..4230)], rps16 [complement(5232..6109)], trnG-UCU [9107..9792], atpF [complement(12210..13007)], rpoC1 [complement(22688..23431)], pafI [complement(43281..44015)], pafI [complement(44244..44959)], trnL-UAA [48123..48640], trnV-UAC [complement(53420..54011)], clpP [complement(72479..73131)], clpP [complement(73424..74242)], petB [77241..78023], petD [78893..79624], rpl2 [complement(87495..88156)], ndhB [complement(98509..99212)], trnI-GAU [105631..106567], trnA-UGC [106705..107505], ndhA [120473..121523], trnA-UGC [complement(137405..138205)], trnI-GAU [complement(138343..139279)], ndhB [145698..146401], rpl2 [156730..157391]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
502.	BRAR	65	rps12 [complement(90662..90689)], rps12 [complement(91237..91463)], rps12 [complement(68583..68696)], rps12 [complement(90662..90690)], rps12 [complement(91232..91463)], trnK-UUU [complement(1456..1488)], trnK-UUU [complement(3995..4032)], rps16 [complement(4581..4796)], rps16 [complement(5624..5662)], atpF [33387..33545], atpF [34364..34771], ycf3 [complement(42545..42703)], ycf3 [complement(43424..43651)], ycf3 [complement(44390..44521)], trnL [47301..47335], trnL [47834..47883], trnV-UAC [complement(51442..51478)], trnV-UAC [complement(52075..52113)], rps12 [127756..127987], rps12 [128529..128557], rps12 [127756..127982], rps12 [128530..128557], petB [72432..72437], petB [73267..73908], petD [74096..74104], petD [74854..75327], rpl16 [complement(78881..79282)], rpl16 [complement(80402..80410)], rpl2 [complement(82406..82837)], rpl2 [complement(83501..83890)], ndhB [complement(87589..88344)], ndhB [complement(89057..89779)], trnI [95282..95323], trnI [96270..96304], trnA-UGC [96370..96407], trnA-UGC [97219..97253], ndhA [complement(112888..113418)], ndhA [complement(114457..115005)], trnA-UGC [complement(121966..122000)], trnA-UGC [complement(122812..122849)], trnI [complement(122915..122949)], trnI [complement(123896..123937)], ndhB [129440..130162], ndhB [130875..131630], rpl2 [135329..135718], rpl2 [136382..136813]	trnK-UUU [complement(1489..3994)], rps16 [complement(4797..5623)], atpF [33546..34363], ycf3 [complement(42704..43423)], ycf3 [complement(43652..44389)], trnL [47336..47833], trnV-UAC [complement(51479..52074)], petB [72438..73266], petD [74105..74853], rpl16 [complement(79283..80401)], rpl2 [complement(82838..83500)], ndhB [complement(88345..89056)], trnI [95324..96269], trnA-UGC [96408..97218], ndhA [complement(113419..114456)], trnA-UGC [complement(122001..122811)], trnI [complement(122950..123895)], ndhB [130163..130874], rpl2 [135719..136381]
503.	BRBR	73	rps12 [complement(100901..100926)], rps12 [complement(101468..101696)], rps12 [complement(72027..72140)], trnK-UUU [complement(1430..1464)], trnK-UUU [complement(4102..4138)], rps16 [complement(4889..5115)], rps16 [complement(5991..6030)], trnG-UCC [9031..9053], trnG-UCC [9750..9786], atpF [complement(11746..12156)], atpF [complement(12952..13098)], rpoC1 [complement(20998..22636)], rpoC1 [complement(23381..23808)], ycf3 [complement(43066..43226)], ycf3 [complement(43961..44188)], ycf3 [complement(44905..45028)], trnL-UAA [48034..48068], trnL-UAA [48587..48636], trnV-UAC [complement(53336..53372)], trnV-UAC [complement(53965..54003)], rps12 [complement(72027..72140)], rps12 [143488..143716], rps12 [144258..144283], clpP [complement(72277..72528)], clpP [complement(73180..73471)], clpP [complement(74291..74361)], petB	trnK-UUU [complement(1465..4101)], rps16 [complement(5116..5990)], trnG-UCC [9054..9749], atpF [complement(12157..12951)], rpoC1 [complement(22637..23380)], ycf3 [complement(43227..43960)], ycf3 [complement(44189..44904)], trnL-UAA [48069..48586], trnV-UAC [complement(53373..53964)], clpP [complement(72529..73179)], clpP [complement(73472..74290)], petB [77289..78071], petD [78941..79672], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77283..77288], petB [78072..78719], petD [78933..78940], petD [79673..80186], rpl16 [complement(83651..84049)], rpl16 [complement(85151..85159)], rpl2 [complement(87114..87545)], rpl2 [complement(88208..88597)], ndhB [complement(97827..98582)], ndhB [complement(99287..100063)], trnI-GAU [105663..105704], trnI-GAU [106642..106676], trnA-UGC [106741..106778], trnA-UGC [107580..107614], ndhA [complement(123217..123755)], ndhA [complement(124807..125359)], trnA-UGC [complement(137570..137604)], trnA-UGC [complement(138406..138443)], trnI-GAU [complement(138508..138542)], trnI-GAU [complement(139480..139521)], ndhB [145121..145897], ndhB [146602..147357], rpl2 [156587..156976], rpl2 [157639..158070]	[complement(84050..85150)], rpl2 [complement(87546..88207)], ndhB [complement(98583..99286)], trnI-GAU [105705..106641], trnA-UGC [106779..107579], ndhA [complement(123756..124806)], trnA-UGC [complement(137605..138405)], trnI-GAU [complement(138543..139479)], ndhB [145898..146601], rpl2 [156977..157638]
504.	BRDI	37	trnK [complement(1392..1416)], trnK [complement(3718..3847)], trnG [complement(12798..12845)], trnG [complement(13515..13538)], trnL [46435..46469], trnL [47012..47061], trnV [complement(50556..50590)], trnV [complement(51189..51227)], rps12 [125558..125789], rps12 [126330..126358], trnI [92823..92859], trnI [93665..93699], trnA [93765..93802], trnA [94614..94648], trnA [complement(119999..120033)], trnA [complement(120845..120882)], trnI [complement(120948..120982)], trnI [complement(121788..121824)]	trnK [complement(1417..3717)], rps16 [complement(4625..5449)], trnG [complement(12846..13514)], atpF [32717..33538], ycf3 [complement(41838..42563)], ycf3 [complement(42794..43543)], trnL [46470..47011], trnV [complement(50591..51188)], petD [71817..72573], rpl16 [complement(76997..78045)], rpl2 [complement(80473..81134)], ndhB [complement(85979..86694)], trnI [92860..93664], trnA [93803..94613], ndhA [complement(111098..112133)], trnA [complement(120034..120844)], trnI [complement(120983..121787)], ndhB [127958..128673], rpl2 [133515..134174]
505.	BRED	29	rps12 [complement(100774..100799)], rps12 [complement(101341..101569)], rps12 [complement(71945..72058)], rps16 [complement(5982..6025)], rps12 [complement(71945..72058)], rps12 [143538..143766], rps12 [144308..144333], petD [78851..78857]	trnK-UUU [complement(1465..4101)], rps16 [complement(5107..5981)], trnG-UCC [9048..9733], atpF [complement(12151..12947)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(22623..23367)], pafI [complement(43219..43953)], pafI [complement(44182..44897)], trnV-UAC [complement(53353..53944)], clpP [complement(72447..73097)], clpP [complement(73390..74208)], petB [77207..77989], petD [78858..79589], rpl2 [complement(87466..88127)], ndhB [complement(98456..99159)], trnI-GAU [105578..106514], trnA-UGC [106652..107452], ndhA [120421..121471], trnA-UGC [complement(137655..138455)], trnI-GAU [complement(138593..139529)], ndhB [145948..146651], rpl2 [156980..157641]
506.	BRFR	6	rps12 [complement(91746..91774)], rps12 [complement(92315..92546)], rps12 [complement(68802..68915)], trnK [complement(1377..1409)], trnK [complement(3892..3929)]	trnK [complement(1410..3891)]
507.	BRHA	41	rps12 [complement(72023..72217)], trnK-UUU [complement(1746..1780)], trnK-UUU [complement(4296..4332)], trnG-UCC [10173..10195], trnG-UCC [10893..10940], trnL-UAA [49795..49831], trnL-UAA [50337..50385], trnV- UAC [complement(53866..53902)], trnV-UAC [complement(54480..54518)], rps12 [143500..143522], trnI-GAU [104212..104253], trnI-GAU [105186..105220], trnA-UGC [105285..105322], trnA-UGC [106130..106164], trnA-UGC [complement(136863..136897)], trnA-UGC [complement(137705..137742)], trnI-GAU [complement(137807..137841)], trnI-GAU [complement(138774..138815)]	trnK-UUU [complement(1781..4295)], rps16 [complement(5399..6281)], trnG-UCC [10196..10892], atpF [complement(13332..13980)], rpoC1 [complement(23770..24525)], ycf3 [complement(44904..45651)], ycf3 [complement(45880..46595)], trnL-UAA [49832..50336], trnV-UAC [complement(53903..54479)], clpP [complement(72589..73236)], clpP [complement(73528..74301)], petB [77309..78092], petD [78922..79675], rpl16 [complement(84026..84975)], rpl2 [complement(87118..87774)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(97231..97909)], trnI-GAU [104254..105185], trnA-UGC [105323..106129], ndhA [complement(122936..124014)], trnA-UGC [complement(136898..137704)], trnI-GAU [complement(137842..138773)], ndhB [145118..145796], rpl2 [155253..155909]
508.	BRHM	36	rps12 [complement(90997..91026)], rps12 [complement(91558..91797)], rps12 [complement(68150..68263)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3893..3930)], trnL-UAA [47869..47903], trnL-UAA [48768..48840], trnV-UAC [complement(52034..52070)], trnV-UAC [complement(52673..52711)], rps12 [128195..128425], rps12 [128966..128995], trnI-GAU [95594..95635], trnI-GAU [96583..96617], trnA-UGC [96682..96719], trnA-UGC [97530..97564], trnA-UGC [complement(122428..122462)], trnA-UGC [complement(123273..123310)], trnI-GAU [complement(123375..123409)], trnI-GAU [complement(124357..124398)]	trnK-UUU [complement(1411..3892)], rps16 [complement(4674..5515)], atpF [34236..35047], ycf3 [complement(43418..44146)], ycf3 [complement(44375..45107)], trnL-UAA [47904..48767], trnV-UAC [complement(52071..52672)], rpl16 [complement(78756..79671)], rpl2 [complement(82031..82690)], ndhB [complement(88691..89400)], trnI-GAU [95636..96582], trnA-UGC [96720..97529], ndhA [complement(113558..114541)], trnA-UGC [complement(122463..123272)], trnI-GAU [complement(123410..124356)], ndhB [130592..131301], rpl2 [137304..137963]
509.	BRHU	44	rps12 [complement(97700..97725)], rps12 [complement(98263..98494)], rps12 [complement(69277..69390)], trnK-UUU [complement(1709..1743)], trnK-UUU [complement(4304..4340)], trnG [8373..8395], trnG [9116..9164], ycf3 [complement(42328..42480)], ycf3 [complement(43259..43486)], ycf3 [complement(44201..44326)], trnL-UAA [46631..46665], trnL-UAA [47183..47232], trnV-UAC [complement(50935..50969)], trnV-UAC [complement(51572..51610)], rps12 [139617..139848], rps12 [140386..140411], trnA-UGC [103272..103306], trnA-UGC [104209..104243], trnA-UGC [complement(133870..133904)], trnA-UGC [complement(134705..134742)], trnI-GAU [complement(134807..134841)],	trnK-UUU [complement(1744..4303)], rps16 [complement(5229..6092)], trnG [8396..9115], atpF [complement(11660..12360)], rpoC1 [complement(21549..22361)], ycf3 [complement(42481..43258)], ycf3 [complement(43487..44200)], trnL-UAA [46666..47182], trnV-UAC [complement(50970..51571)], clpP [complement(69807..70380)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(135570..135606)]	[complement(70673..71579)], petB [74613..75383], petD [76230..76935], rpl16 [complement(81279..82373)], rpl2 [complement(84504..85182)], ndhB [complement(95412..96096)], trnA-UGC [103307..104208], ndhA [complement(120104..121182)], trnA-UGC [complement(133905..134704)], trnI-GAU [complement(134842..135569)], ndhB [142015..142699], rpl2 [152964..153642]
510.	BRHY	58	rps12 [complement(89754..89781)], rps12 [complement(90322..90542)], rps12 [complement(67735..67848)], trnK [complement(1377..1409)], trnK [complement(3922..3959)], rps16 [complement(4515..4732)], rps16 [complement(5557..5596)], trnG [complement(12700..12747)], trnG [complement(13431..13454)], atpF [32764..32908], atpF [33731..34137], ycf3 [complement(41866..42024)], ycf3 [complement(42751..42980)], ycf3 [complement(43720..43843)], trnL [46598..46632], trnL [47171..47220], trnV [complement(50845..50879)], trnV [complement(51478..51516)], rps12 [127029..127260], rps12 [127801..127829], rpl16 [complement(78046..78447)], rpl16 [complement(79503..79511)], rpl2 [complement(81501..81931)], rpl2 [complement(82599..82989)], ndhB [complement(86687..87442)], ndhB [complement(88159..88935)], trnI [94286..94322], trnI [95128..95162], trnA [95228..95265], trnA [96077..96111], ndhA [complement(112014..112552)], ndhA [complement(113600..114149)], trnA [complement(121472..121506)], trnA [complement(122318..122355)], trnI [complement(122421..122455)], trnI [complement(123261..123297)], ndhB [128648..129424], ndhB [130141..130896], rpl2 [134594..134984], rpl2 [135652..136082]	trnK [complement(1410..3921)], rps16 [complement(4733..5556)], trnG [complement(12748..13430)], atpF [32909..33730], ycf3 [complement(42025..42750)], ycf3 [complement(42981..43719)], trnL [46633..47170], trnV [complement(50880..51477)], rpl16 [complement(78448..79502)], rpl2 [complement(81932..82598)], ndhB [complement(87443..88158)], trnI [94323..95127], trnA [95266..96076], ndhA [complement(112553..113599)], trnA [complement(121507..122317)], trnI [complement(122456..123260)], ndhB [129425..130140], rpl2 [134985..135651]
511.	BRJU	33	trnK-UUU [complement(1658..1692)], trnK-UUU [complement(4254..4290)], trnL-UAA [46250..46286], trnL-UAA [46598..46647], trnV-UAC [complement(50084..50120)], trnV-UAC [complement(50728..50766)], trnI-GAU [101801..101842], trnI-GAU [102647..102681], trnA-UGC	trnK-UUU [complement(1693..4253)], rps16 [complement(5151..6016)], atpF [complement(11614..12328)], rpoC1 [complement(21499..22271)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[102746..102783], trnA-UGC [103584..103618], trnA-UGC [complement(133152..133186)], trnA-UGC [complement(133987..134024)], trnI-GAU [complement(134089..134123)], trnI-GAU [complement(134928..134969)]	[complement(41895..42678)], ycf3 [complement(42907..43636)], trnL-UAA [46287..46597], trnV-UAC [complement(50121..50727)], clpP [complement(69124..69670)], clpP [complement(69968..70897)], rpl2 [complement(83889..84572)], ndhB [complement(94800..95478)], trnI-GAU [101843..102646], trnA-UGC [102784..103583], ndhA [complement(119450..120540)], trnA-UGC [complement(133187..133986)], trnI-GAU [complement(134124..134927)], ndhB [141292..141970], rpl2 [152198..152881]
512.	BRKU	79	rps12 [complement(103654..103679)], rps12 [complement(104216..104447)], rps12 [complement(75464..75577)], trnK-UUU [complement(1982..2020)], trnK-UUU [complement(4614..4650)], rps16 [complement(5800..6024)], rps16 [complement(6675..6722)], trnG-GCC [10155..10177], trnG-GCC [10911..10958], atpF [complement(13098..13508)], atpF [complement(14266..14424)], rpoC1 [complement(22680..24332)], rpoC1 [complement(25123..25557)], ycf3 [complement(46098..46250)], ycf3 [complement(47022..47249)], ycf3 [complement(48086..48211)], trnL-UAA [51928..51964], trnL-UAA [52464..52513], trnV-UAC [complement(55806..55840)], trnV-UAC [complement(56477..56515)], rps12 [complement(75464..75577)], rps12 [147898..148129], rps12 [148666..148691], clpP [complement(75731..75958)], clpP [complement(76681..76971)], clpP [complement(77879..77947)], petB [80892..80897], petB [81680..82333], petD [82536..82544], petD [83288..83764], rpl16 [complement(87083..87481)], rpl16 [complement(88529..88537)], rpl2 [complement(90345..90779)], rpl2 [complement(91468..91857)], ndhB [complement(100587..101348)], ndhB [complement(102034..102810)], trnI-GAU [108287..108328], trnI-GAU	trnK-UUU [complement(2021..4613)], rps16 [complement(6025..6674)], trnG-GCC [10178..10910], atpF [complement(13509..14265)], rpoC1 [complement(24333..25122)], ycf3 [complement(46251..47021)], ycf3 [complement(47250..48085)], trnL-UAA [51965..52463], trnV-UAC [complement(55841..56476)], clpP [complement(75959..76680)], clpP [complement(76972..77878)], petB [80898..81679], petD [82545..83287], rpl16 [complement(87482..88528)], rpl2 [complement(90780..91467)], ndhB [complement(101349..102033)], trnI-GAU [108329..109268], ycf68 [108471..108498], trnA-UGC [109406..110205], ndhA [complement(127974..129099)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[109269..109303], ycf68 [108428..108470], ycf68 [108499..108680], trnA-UGC [109368..109405], trnA-UGC [110206..110240], ndhA [complement(127434..127973)], ndhA [complement(129100..129651)], trnA-UGC [complement(142105..142139)], trnA-UGC [complement(142940..142977)], trnI-GAU [complement(143042..143076)], trnI-GAU [complement(144017..144058)], ycf68 [complement(143665..143846)], ycf68 [complement(143875..143917)], ndhB [149535..150311], ndhB [150997..151758], rpl2 [160488..160877], rpl2 [161566..162000]	[complement(142140..142939)], trnI-GAU [complement(143077..144016)], ycf68 [complement(143847..143874)], ndhB [150312..150996], rpl2 [160878..161565]
513.	BRM A	64	rps12 [complement(89065..89093)], rps12 [complement(89634..89865)], rps12 [complement(67137..67250)], trnK-UUU [complement(1388..1422)], trnK-UUU [complement(3925..3961)], rps16 [complement(4514..4731)], rps16 [complement(5570..5609)], trnG-UCC [complement(12854..12901)], trnG-UCC [complement(13587..13609)], atpF [32576..32720], atpF [33541..33947], ycf3 [complement(41685..41845)], ycf3 [complement(42590..42815)], ycf3 [complement(43559..43684)], trnL [46459..46493], trnL [46912..46961], trnV-UAC [complement(50568..50604)], trnV-UAC [complement(51201..51239)], rps12 [126666..126897], rps12 [127438..127466], petB [71020..71025], petB [71794..72435], petD [72623..72630], petD [73378..73852], rpl16 [complement(77418..77819)], rpl16 [complement(78820..78828)], rpl2 [complement(80807..81237)], rpl2 [complement(81901..82291)], ndhB [complement(85997..86752)], ndhB [complement(87465..88241)], trnI-GAU [93723..93759], trnI-GAU [94566..94600], trnA-UGC [94666..94703], trnA-UGC [95515..95549], ndhA [complement(111515..112053)], ndhA [complement(113077..113626)], trnA-UGC [complement(120982..121016)], trnA-UGC [complement(121828..121865)], trnI-GAU [complement(121931..121965)], trnI-GAU [complement(122772..122808)], ndhB [128290..129066], ndhB [129779..130534], rpl2 [134240..134630], rpl2 [135294..135724]	trnK-UUU [complement(1423..3924)], rps16 [complement(4732..5569)], trnG-UCC [complement(12902..13586)], atpF [32721..33540], ycf3 [complement(41846..42589)], ycf3 [complement(42816..43558)], trnL [46494..46911], trnV-UAC [complement(50605..51200)], petB [71026..71793], petD [72631..73377], rpl16 [complement(77820..78819)], rpl2 [complement(81238..81900)], ndhB [complement(86753..87464)], trnI-GAU [93760..94565], trnA-UGC [94704..95514], ndhA [complement(112054..113076)], trnA-UGC [complement(121017..121827)], trnI-GAU [complement(121966..122771)], ndhB [129067..129778], rpl2 [134631..135293]
514.	BRNA	72	rps12 [complement(96834..96860)], rps12 [complement(97398..97628)], rps12 [complement(68375..68476)], trnK [complement(1690..1724)], trnK [complement(4284..4320)], rps16 [complement(4926..5147)], rps16	trnK [complement(1725..4283)], rps16 [complement(5148..6006)], trnG [8420..9136], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(6007..6051)], trnG [8397..8419], trnG [9137..9185], atpF [complement(11208..11618)], atpF [complement(12335..12478)], rpoC1 [complement(19886..21496)], rpoC1 [complement(22282..22713)], ycf3 [complement(41686..41838)], ycf3 [complement(42629..42856)], ycf3 [complement(43588..43713)], trnL [46197..46231], trnL [46545..46594], trnV [49971..50005], trnV [50606..50644], rps12 [138263..138494], rps12 [139032..139057], clpP [complement(68658..68885)], clpP [complement(69457..69750)], clpP [complement(70686..70754)], petB [73687..73692], petB [74476..75114], petD [75312..75319], petD [76053..76527], rpl16 [complement(80013..80417)], rpl16 [complement(81488..81496)], rpl2 [complement(83198..83632)], rpl2 [complement(84317..84709)], ndhB [complement(93782..94543)], ndhB [complement(95223..95999)], trnI [101530..101566], trnI [102348..102382], trnA [102447..102484], trnA [103285..103319], ndhA [complement(118436..118966)], ndhA [complement(120068..120619)], trnA [complement(132572..132606)], trnA [complement(133407..133444)], trnI [complement(133509..133543)], trnI [complement(134325..134361)], ndhB [139892..140668], ndhB [141348..142109], rpl2 [151182..151574], rpl2 [152259..152693]</p>	<p>[complement(11619..12334)], rpoC1 [complement(21497..22281)], ycf3 [complement(41839..42628)], ycf3 [complement(42857..43587)], trnL [46232..46544], trnV [50006..50605], clpP [complement(68886..69456)], clpP [complement(69751..70685)], petB [73693..74475], petD [75320..76052], rpl16 [complement(80418..81487)], rpl2 [complement(83633..84316)], ndhB [complement(94544..95222)], trnI [101567..102347], trnA [102485..103284], ndhA [complement(118967..120067)], trnA [complement(132607..133406)], trnI [complement(133544..134324)], ndhB [140669..141347], rpl2 [151575..152258]</p>
515.	BRNI	72	<p>rps12 [complement(97340..97366)], rps12 [complement(97904..98134)], rps12 [complement(68824..68925)], trnK-UUU [complement(1587..1621)], trnK-UUU [complement(4192..4228)], rps16 [complement(4876..5096)], rps16 [complement(5983..6028)], trnG-UCC [8348..8365], trnG-UCC [9082..9135], atpF [complement(11164..11573)], atpF [complement(12304..12448)], rpoC1 [complement(19947..21557)], rpoC1 [complement(22346..22777)], ycf3 [complement(41851..42003)], ycf3 [complement(42747..42974)], ycf3 [complement(43701..43826)], trnL-UAA [46315..46351], trnL-UAA [46662..46711], trnV-UAC [complement(50272..50306)], trnV-UAC [complement(50914..50952)], rps12 [139052..139282], rps12 [139820..139846], clpP [complement(69116..69343)], clpP [complement(69914..70208)], clpP [complement(71126..71193)], petB [74179..74184], petB [74982..75620], petD [75835..75842], petD</p>	<p>trnK-UUU [complement(1622..4191)], rps16 [complement(5097..5982)], trnG-UCC [8366..9081], atpF [complement(11574..12303)], rpoC1 [complement(21558..22345)], ycf3 [complement(42004..42746)], ycf3 [complement(42975..43700)], trnL-UAA [46352..46661], trnV-UAC [complement(50307..50913)], clpP [complement(69344..69913)], clpP [complement(70209..71125)], petB [74185..74981], petD [75843..76566], rpl16 [complement(80961..82011)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76567..77041], rpl16 [complement(80556..80960)], rpl16 [complement(82012..82020)], rpl2 [complement(83720..84154)], rpl2 [complement(84834..85226)], ndhB [complement(94288..95049)], ndhB [complement(95729..96505)], trnI-GAU [102067..102103], trnI-GAU [102913..102947], trnA-UGC [103012..103049], trnA-UGC [103850..103884], ndhA [complement(119106..119636)], ndhA [complement(120715..121266)], trnA-UGC [complement(133302..133336)], trnA-UGC [complement(134137..134174)], trnI-GAU [complement(134239..134273)], trnI-GAU [complement(135083..135119)], ndhB [140681..141457], ndhB [142137..142898], rpl2 [151960..152352], rpl2 [153032..153466]	[complement(84155..84833)], ndhB [complement(95050..95728)], trnI-GAU [102104..102912], trnA-UGC [103050..103849], ndhA [complement(119637..120714)], trnA-UGC [complement(133337..134136)], trnI-GAU [complement(134274..135082)], ndhB [141458..142136], rpl2 [152353..153031]
516.	BROL	72	rps12 [complement(96941..96966)], rps12 [complement(97504..97732)], rps12 [complement(68436..68540)], trnK [complement(1657..1691)], trnK [complement(4249..4285)], rps16 [complement(4897..5118)], rps16 [complement(5978..6022)], trnG [8335..8357], trnG [9074..9122], atpF [complement(11144..11554)], atpF [complement(12276..12419)], rpoC1 [complement(19827..21440)], rpoC1 [complement(22216..22647)], ycf3 [complement(41596..41748)], ycf3 [complement(42531..42758)], ycf3 [complement(43489..43614)], trnL [46097..46131], trnL [46445..46494], trnV [49885..49919], trnV [50521..50559], rps12 [138769..138997], rps12 [139535..139560], clpP [complement(68722..68973)], clpP [complement(69520..69816)], clpP [complement(70750..70818)], petB [73807..73812], petB [74597..75235], petD [75433..75440], petD [76174..76648], rpl16 [complement(80130..80534)], rpl16 [complement(81593..81601)], rpl2 [complement(83304..83738)], rpl2 [complement(84423..84815)], ndhB [complement(93888..94649)], ndhB [complement(95329..96105)], trnI [101632..101668], trnI [102478..102512], trnA [102577..102614], trnA [103415..103449], ndhA [complement(118745..119275)], ndhA [complement(120374..120925)], trnA [complement(133052..133086)], trnA [complement(133887..133924)], trnI [complement(133989..134023)], trnI [complement(134833..134869)], ndhB [140396..141172], ndhB [141852..142613], rpl2 [151686..152078], rpl2 [152763..153197]	trnK [complement(1692..4248)], rps16 [complement(5119..5977)], trnG [8358..9073], atpF [complement(11555..12275)], rpoC1 [complement(21441..22215)], ycf3 [complement(41749..42530)], ycf3 [complement(42759..43488)], trnL [46132..46444], trnV [49920..50520], clpP [complement(68974..69519)], clpP [complement(69817..70749)], petB [73813..74596], petD [75441..76173], rpl16 [complement(80535..81592)], rpl2 [complement(83739..84422)], ndhB [complement(94650..95328)], trnI [101669..102477], trnA [102615..103414], ndhA [complement(119276..120373)], trnA [complement(133087..133886)], trnI [complement(134024..134832)], ndhB [141173..141851], rpl2 [152079..152762]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
517.	BRPA	73	rps12 [complement(102563..102805)], rps12 [complement(74017..74130)], trnK-UUU [complement(1769..1807)], trnK-UUU [complement(4384..4420)], rps16 [complement(5527..5751)], rps16 [complement(6394..6441)], atpF [complement(12577..12987)], atpF [complement(13729..13887)], rpoC1 [complement(22127..23761)], rpoC1 [complement(24565..24999)], ycf3 [complement(45339..45491)], ycf3 [complement(46254..46481)], ycf3 [complement(47305..47430)], trnL-UAA [51087..51123], trnL-UAA [51638..51687], trnV-UAC [complement(54996..55030)], trnV-UAC [complement(55646..55684)], rps12 [146057..146299], clpP [complement(74283..74510)], clpP [complement(75198..75488)], clpP [complement(76286..76354)], petB [79297..79302], petB [80080..80733], petD [80935..80943], petD [81688..82164], rpl16 [complement(85456..85854)], rpl16 [complement(86916..86924)], rpl2 [complement(88685..89119)], rpl2 [complement(89805..90194)], ndhB [complement(98956..99711)], ndhB [complement(100397..101173)], trnI-GAU [106644..106685], trnI-GAU [107629..107663], ycf68 [106785..106827], ycf68 [106856..107037], trnA-UGC [107728..107765], trnA-UGC [108588..108622], ndhA [complement(125593..126126)], ndhA [complement(127211..127762)], trnA-UGC [complement(140240..140274)], trnA-UGC [complement(141097..141134)], trnI-GAU [complement(141199..141233)], trnI-GAU [complement(142177..142218)], ycf68 [complement(141825..142006)], ycf68 [complement(142035..142077)], ndhB [147689..148465], ndhB [149151..149906], rpl2 [158668..159057], rpl2 [159743..160177]	trnK-UUU [complement(1808..4383)], rps16 [complement(5752..6393)], atpF [complement(12988..13728)], rpoC1 [complement(23762..24564)], ycf3 [complement(45492..46253)], ycf3 [complement(46482..47304)], trnL-UAA [51124..51637], trnV-UAC [complement(55031..55645)], clpP [complement(74511..75197)], clpP [complement(75489..76285)], petB [79303..80079], petD [80944..81687], rpl16 [complement(85855..86915)], rpl2 [complement(89120..89804)], ndhB [complement(99712..100396)], trnI-GAU [106686..107628], ycf68 [106828..106855], trnA-UGC [107766..108587], ndhA [complement(126127..127210)], trnA-UGC [complement(140275..141096)], trnI-GAU [complement(141234..142176)], ycf68 [complement(142007..142034)], ndhB [148466..149150], rpl2 [159058..159742]
518.	BRPO	65	rps12 [complement(100325..100350)], rps12 [complement(100887..101118)], rps12 [complement(72371..72484)], trnK-UUU [complement(1847..1881)], trnK-UUU [complement(4394..4430)], rps16 [complement(5366..5528)], rps16 [complement(6398..6435)], atpF [21289..21446], atpF [22160..22568], trnG-GCC [complement(24599..24635)], trnG-GCC [complement(25339..25361)], ycf3 [complement(42631..42783)], ycf3 [complement(43544..43771)], ycf3 [complement(44523..44648)], trnL-UAA [47714..47750], trnL-UAA [48259..48308], trnV-UAC [complement(52351..52387)], trnV-UAC	trnK-UUU [complement(1882..4393)], rps16 [complement(5529..6397)], atpF [21447..22159], trnG-GCC [complement(24636..25338)], ycf3 [complement(42784..43543)], ycf3 [complement(43772..44522)], trnL-UAA [47751..48258], trnV-UAC [complement(52388..52993)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52994..53032)], rps12 [complement(72371..72484)], rps12 [143257..143488], rps12 [144025..144050], petB [77227..77232], petB [77976..78632], petD [78815..78823], petD [79641..80165], rpl16 [complement(83646..84047)], rpl16 [complement(84869..84877)], rpl2 [complement(86526..86960)], rpl2 [complement(87633..88025)], ndhB [complement(97267..98022)], ndhB [complement(98702..99478)], trnI-GAU [105133..105174], trnI-GAU [106117..106151], trnA-UGC [106216..106253], trnA-UGC [107061..107095], ndhA [complement(122843..123381)], ndhA [complement(124275..124827)], trnA-UGC [complement(137280..137314)], trnA-UGC [complement(138122..138159)], trnI-GAU [complement(138224..138258)], trnI-GAU [complement(139201..139242)], ndhB [144897..145673], ndhB [146353..147108], rpl2 [156350..156742], rpl2 [157415..157849]	[77233..77975], petD [78824..79640], rpl16 [complement(84048..84868)], rpl2 [complement(86961..87632)], ndhB [complement(98023..98701)], trnI-GAU [105175..106116], trnA-UGC [106254..107060], ndhA [complement(123382..124274)], trnA-UGC [complement(137315..138121)], trnI-GAU [complement(138259..139200)], ndhB [145674..146352], rpl2 [156743..157414]
519.	BARRA	72	rps12 [complement(97087..97113)], rps12 [complement(97651..97881)], rps12 [complement(68585..68686)], trnK [complement(1658..1692)], trnK [complement(4254..4290)], rps16 [complement(4929..5150)], rps16 [complement(6017..6061)], trnG [8391..8413], trnG [9130..9178], atpF [complement(11203..11613)], atpF [complement(12329..12472)], rpoC1 [complement(19878..21488)], rpoC1 [complement(22274..22705)], ycf3 [complement(41741..41893)], ycf3 [complement(42678..42905)], ycf3 [complement(43636..43761)], trnL [46249..46283], trnL [46597..46646], trnV [50083..50117], trnV [50727..50765], rps12 [138885..139116], rps12 [139654..139679], clpP [complement(68868..69095)], clpP [complement(69667..69960)], clpP [complement(70894..70962)], petB [73948..73953], petB [74738..75376], petD [75574..75581], petD [76315..76789], rpl16 [complement(80273..80677)], rpl16 [complement(81740..81748)], rpl2 [complement(83450..83884)], rpl2 [complement(84569..84961)], ndhB [complement(94034..94795)], ndhB [complement(95475..96251)], trnI [101798..101834], trnI [102644..102678], trnA [102743..102780], trnA [103581..103615], ndhA [complement(118917..119447)], ndhA [complement(120539..121090)], trnA [complement(133151..133185)], trnA [complement(133986..134023)], trnI	trnK [complement(1693..4253)], rps16 [complement(5151..6016)], trnG [8414..9129], atpF [complement(11614..12328)], rpoC1 [complement(21489..22273)], ycf3 [complement(41894..42677)], ycf3 [complement(42906..43635)], trnL [46284..46596], trnV [50118..50726], clpP [complement(69096..69666)], clpP [complement(69961..70893)], petB [73954..74737], petD [75582..76314], rpl16 [complement(80678..81739)], rpl2 [complement(83885..84568)], ndhB [complement(94796..95474)], trnI [101835..102643], trnA [102781..103580], ndhA [complement(119448..120538)], trnA [complement(133186..133985)], trnI [complement(134123..134931)], ndhB [141292..141970], rpl2 [152198..152881]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134088..134122)], trnI [complement(134932..134968)], ndhB [140515..141291], ndhB [141971..142732], rpl2 [151805..152197], rpl2 [152882..153316]	
520.	BRSA	27	rps12 [complement(100832..100857)], rps12 [complement(101399..101627)], rps12 [complement(71997..72110)], rps12 [complement(71997..72110)], rps12 [143519..143747], rps12 [144289..144314]	trnK-UUU [complement(1509..4148)], rps16 [complement(5151..6025)], trnG-UCC [9092..9777], atpF [complement(12195..12992)], rpoC1 [complement(22666..23412)], pafI [complement(43273..44006)], pafI [complement(44235..44950)], trnV-UAC [complement(53442..54033)], clpP [complement(72500..73148)], clpP [complement(73441..74260)], petB [77257..78048], petD [78909..79640], rpl2 [complement(87500..88161)], ndhB [complement(98514..99217)], trnI-GAU [105636..106572], trnA-UGC [106710..107510], ndhA [120429..121480], trnA-UGC [complement(137636..138436)], trnI-GAU [complement(138574..139510)], ndhB [145929..146632], rpl2 [156961..157622]
521.	BRSC	73	rps12 [complement(102467..102492)], rps12 [complement(103033..103264)], rps12 [complement(74331..74444)], trnK-UUU [complement(1835..1869)], trnK-UUU [complement(4386..4422)], rps16 [complement(5164..5384)], rps16 [complement(6203..6242)], trnG-UCC [10149..10171], trnG-UCC [10934..10981], atpF [complement(12901..13310)], atpF [complement(14068..14212)], rpoC1 [complement(21834..23456)], rpoC1 [complement(24209..24640)], ycf3 [complement(45003..45155)], ycf3 [complement(45955..46184)], ycf3 [complement(46941..47064)], trnL-UAA [49747..49782], trnL-UAA [50304..50353], trnV-UAC [complement(54989..55023)], trnV-UAC [complement(55603..55640)], rps12	trnK-UUU [complement(1870..4385)], rps16 [complement(5385..6202)], trnG-UCC [10172..10933], atpF [complement(13311..14067)], rpoC1 [complement(23457..24208)], ycf3 [complement(45156..45954)], ycf3 [complement(46185..46940)], trnL-UAA [49783..50303], trnV-UAC [complement(55024..55602)], clpP [complement(74824..75445)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74331..74444)], rps12 [144457..144688], rps12 [145229..145254], clpP [complement(74578..74823)], clpP [complement(75446..75737)], clpP [complement(76482..76552)], petB [79436..79441], petB [80211..80852], petD [81059..81064], petD [81703..82194], rpl16 [complement(85897..86295)], rpl16 [complement(87067..87075)], rpl2 [complement(88795..89225)], rpl2 [complement(89880..90273)], ndhB [complement(99381..100136)], ndhB [complement(100852..101628)], trnI-GAU [107130..107171], trnI-GAU [108126..108160], trnA-UGC [108224..108261], trnA-UGC [109067..109101], ndhA [complement(123807..124345)], ndhA [complement(125275..125821)], trnA-UGC [complement(138620..138654)], trnA-UGC [complement(139460..139497)], trnI-GAU [complement(139561..139595)], trnI-GAU [complement(140555..140591)], ndhB [146093..146869], ndhB [147585..148340], rpl2 [157448..157841], rpl2 [158496..158926]	[complement(75738..76481)], petB [79442..80210], petD [81065..81702], rpl16 [complement(86296..87066)], rpl2 [complement(89226..89879)], ndhB [complement(100137..100851)], trnI-GAU [107172..108125], trnA-UGC [108262..109066], ndhA [complement(124346..125274)], trnA-UGC [complement(138655..139459)], trnI-GAU [complement(139596..140554)], ndhB [146870..147584], rpl2 [157842..158495]
522.	BRSI	73	rps12 [complement(100862..100887)], rps12 [complement(101424..101655)], rps12 [complement(72381..72494)], trnK-UUU [complement(1642..1676)], trnK-UUU [complement(4275..4311)], rps16 [complement(5162..5387)], rps16 [complement(6256..6293)], trnG-UCC [9068..9090], trnG-UCC [9785..9832], atpF [complement(11944..12354)], atpF [complement(13073..13228)], rpoC1 [complement(21284..22903)], rpoC1 [complement(23677..24132)], ycf3 [complement(43963..44117)], ycf3 [complement(44885..45110)], ycf3 [complement(45843..45968)], trnL-UAA [48784..48820], trnL-UAA [49329..49379], trnV-UAC [complement(53063..53099)], trnV-UAC [complement(53699..53737)], rps12 [complement(72381..72494)], rps12 [144284..144515], rps12 [145052..145077], clpP [complement(72653..72880)], clpP [complement(73496..73786)], clpP [complement(74640..74708)], petB [77654..77659], petB [78447..79088], petD [79282..79289], petD [80009..80483], rpl16 [complement(84012..84413)], rpl16 [complement(85464..85472)], rpl2 [complement(87117..87551)], rpl2 [complement(88241..88633)], ndhB [complement(97815..98570)], ndhB [complement(99252..100028)], trnI-GAU [105656..105697], trnI-GAU [106642..106676], trnA-UGC [106741..106778], trnA-UGC [107575..107609],	trnK-UUU [complement(1677..4274)], rps16 [complement(5388..6255)], trnG-UCC [9091..9784], atpF [complement(12355..13072)], rpoC1 [complement(22904..23676)], ycf3 [complement(44118..44884)], ycf3 [complement(45111..45842)], trnL-UAA [48821..49328], trnV-UAC [complement(53100..53698)], clpP [complement(72881..73495)], clpP [complement(73787..74639)], petB [77660..78446], petD [79290..80008], rpl16 [complement(84414..85463)], rpl2 [complement(87552..88240)], ndhB [complement(98571..99251)], trnI-GAU [105698..106641], trnA-UGC [106779..107574], ndhA [complement(124369..125476)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(123828..124368)], ndhA [complement(125477..126027)], trnA-UGC [complement(138330..138364)], trnA-UGC [complement(139161..139198)], trnI-GAU [complement(139263..139297)], trnI-GAU [complement(140242..140283)], ndhB [145911..146687], ndhB [147369..148124], rpl2 [157306..157698], rpl2 [158388..158822]	[complement(138365..139160)], trnI-GAU [complement(139298..140241)], ndhB [146688..147368], rpl2 [157699..158387]
523.	BRST	67	rps12 [complement(99829..99854)], rps12 [complement(100391..100622)], rps12 [complement(72000..72113)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4374..4410)], rpoC1 [10001..10435], rpoC1 [11186..12817], atpF [20637..20794], atpF [21514..21922], trnG-GCC [complement(23952..23999)], trnG-GCC [complement(24699..24721)], ycf3 [complement(42009..42161)], ycf3 [complement(42924..43151)], ycf3 [complement(44145..44270)], trnL-UAA [47345..47381], trnL-UAA [47887..47936], trnV-UAC [complement(51949..51985)], trnV-UAC [complement(52590..52628)], rps12 [142064..142295], rps12 [142832..142857], petB [76753..76758], petB [77501..78157], petD [78340..78348], petD [79136..79660], rps11 [complement(80890..81281)], rps11 [complement(81312..81336)], rpl16 [complement(83173..83574)], rpl16 [complement(84642..84650)], rpl2 [complement(86298..86732)], rpl2 [complement(87405..87797)], ndhB [complement(96766..97521)], ndhB [complement(98201..98977)], trnI-GAU [104033..104074], trnI-GAU [105017..105051], trnA-UGC [105116..105153], trnA-UGC [105961..105995], ndhA [complement(121805..122343)], ndhA [complement(123224..123776)], trnA-UGC [complement(136691..136725)], trnA-UGC [complement(137533..137570)], trnI-GAU [complement(137635..137669)], trnI-GAU [complement(138612..138653)], ndhB [143709..144485], ndhB [145165..145920], rpl2 [154889..155281], rpl2 [155954..156388]	trnK-UUU [complement(1861..4373)], rpoC1 [10436..11185], atpF [20795..21513], trnG-GCC [complement(24000..24698)], ycf3 [complement(42162..42923)], ycf3 [complement(43152..44144)], trnL-UAA [47382..47886], trnV-UAC [complement(51986..52589)], petB [76759..77500], petD [78349..79135], rps11 [complement(81282..81311)], rpl16 [complement(83575..84641)], rpl2 [complement(86733..87404)], ndhB [complement(97522..98200)], trnI-GAU [104075..105016], trnA-UGC [105154..105960], ndhA [complement(122344..123223)], trnA-UGC [complement(136726..137532)], trnI-GAU [complement(137670..138611)], ndhB [144486..145164], rpl2 [155282..155953]
524.	BRSW	72	rps12 [complement(98562..98587)], rps12 [complement(99124..99355)], rps12 [complement(70897..71010)], trnK-UUU [complement(1943..1977)], trnK-UUU [complement(4452..4488)], rps16 [complement(5397..5623)], rps16 [complement(6476..6515)], trnG-UCC [9447..9470], trnG-UCC [10178..10225], atpF [complement(12215..12625)], atpF [complement(13338..13481)], rpoC1 [complement(20976..22589)], rpoC1	trnK-UUU [complement(1978..4451)], rps16 [complement(5624..6475)], trnG-UCC [9471..10177], atpF [complement(12626..13337)], rpoC1 [complement(22590..23350)], ycf3 [complement(42941..43661)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(23351..23806)], ycf3 [complement(42788..42940)], ycf3 [complement(43662..43890)], ycf3 [complement(44588..44721)], trnL-UAA [47707..47741], trnL-UAA [48223..48271], trnV-UAC [complement(52180..52214)], trnV-UAC [complement(52799..52836)], rps12 [140640..140871], rps12 [141408..141433], clpP [complement(71143..71370)], clpP [complement(72007..72298)], clpP [complement(73042..73112)], petB [76063..76068], petB [76791..77432], petD [77621..77628], petD [78368..78848], rpl16 [complement(82290..82688)], rpl16 [complement(83587..83595)], rpl2 [complement(85265..85698)], rpl2 [complement(86366..86756)], ndhB [complement(95561..96316)], ndhB [complement(96996..97772)], trnI-GAU [103043..103079], trnI-GAU [104029..104063], trnA-UGC [104128..104165], trnA-UGC [104979..105013], ndhA [complement(120265..120803)], ndhA [complement(121884..122436)], trnA-UGC [complement(134982..135016)], trnA-UGC [complement(135830..135867)], trnI-GAU [complement(135932..135966)], trnI-GAU [complement(136916..136952)], ndhB [142223..142999], ndhB [143679..144434], rpl2 [153239..153629], rpl2 [154297..154730]</p>	<p>[complement(43891..44587)], trnL-UAA [47742..48222], trnV-UAC [complement(52215..52798)], clpP [complement(71371..72006)], clpP [complement(72299..73041)], petB [76069..76790], petD [77629..78367], rpl16 [complement(82689..83586)], rpl2 [complement(85699..86365)], ndhB [complement(96317..96995)], trnI-GAU [103080..104028], trnA-UGC [104166..104978], ndhA [complement(120804..121883)], trnA-UGC [complement(135017..135829)], trnI-GAU [complement(135967..136915)], ndhB [143000..143678], rpl2 [153630..154296]</p>
525.	BRVU	61	<p>rps12 [complement(89685..89713)], rps12 [complement(90258..90489)], rps12 [complement(67798..67911)], trnK-UUU [complement(1345..1378)], trnK-UUU [complement(3879..3916)], rps16 [complement(4443..4660)], rps16 [complement(5497..5536)], trnG-UCC [complement(12731..12778)], trnG-UCC [complement(13460..13483)], atpF [33003..33146], atpF [33964..34371], ycf3 [complement(42146..42304)], ycf3 [complement(43031..43258)], ycf3 [complement(44024..44149)], trnV-UAC [complement(51020..51056)], trnV-UAC [complement(51653..51691)], rps12 [127410..127641], rps12 [128186..128214], petB [71657..71662], petB [72357..73055], petD [73242..73249], petD [74014..74488], rpl16 [complement(78084..78488)], rpl16 [complement(79541..79549)], rpl2 [complement(81545..81976)], rpl2 [complement(82640..83029)], ndhB [complement(86617..87372)], ndhB [complement(88085..88861)], trnI-GAU [94315..94356], trnI-GAU [95159..95193], trnA-UGC [95259..95296], trnA-UGC [96108..96142], ndhA [complement(112243..112782)], ndhA [complement(113818..114366)], trnA-</p>	<p>trnK-UUU [complement(1379..3878)], rps16 [complement(4661..5496)], trnG-UCC [complement(12779..13459)], atpF [33147..33963], ycf3 [complement(42305..43030)], ycf3 [complement(43259..44023)], trnV-UAC [complement(51057..51652)], petB [71663..72356], petD [73250..74013], rpl16 [complement(78489..79540)], rpl2 [complement(81977..82639)], ndhB [complement(87373..88084)], trnI-GAU [94357..95158], trnA-UGC [95297..96107], ndhA [complement(112783..113817)], trnA-UGC [complement(121792..122602)], trnI-GAU [complement(122741..123542)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(121757..121791)], trnA-UGC [complement(122603..122640)], trnI-GAU [complement(122706..122740)], trnI-GAU [complement(123543..123584)], ndhB [129038..129814], ndhB [130527..131282], rpl2 [134870..135259], rpl2 [135923..136354]	[129815..130526], rpl2 [135260..135922]
526.	BUAR	2	rps12 [complement(73918..74031)], rps12 [144905..144930]	-
527.	BUAU	2	rps12 [152837..152862]	atpF [complement(18447..19190)]
528.	BUBA	61	rps12 [complement(90572..90600)], rps12 [complement(91141..91372)], rps12 [complement(68513..68626)], trnK-UUU [complement(1371..1403)], trnK-UUU [complement(3906..3943)], rps16 [complement(4510..4727)], rps16 [complement(5574..5613)], trnG-UCC [complement(13137..13184)], trnG-UCC [complement(13858..13880)], atpF [33987..34145], atpF [34968..35375], ycf3 [complement(43128..43286)], ycf3 [complement(44011..44238)], ycf3 [complement(44985..45116)], trnL-UAA [47809..47843], trnL-UAA [48383..48432], trnV-UAC [complement(51987..52023)], trnV-UAC [complement(52621..52659)], rps12 [128497..128728], rps12 [129269..129297], petB [72356..72361], petB [73182..73823], petD [74012..74019], petD [74769..75243], rpl16 [complement(78867..79271)], rpl16 [complement(80348..80356)], rpl2 [complement(82338..82769)], rpl2 [complement(83433..83822)], ndhB [complement(87504..88259)], ndhB [complement(88972..89748)], trnI-GAU [95197..95238], trnI-GAU [96185..96219], trnA-UGC [96285..96322], trnA-UGC [97134..97168], ndhA [complement(113251..113790)], ndhA [complement(114818..115366)], trnA-UGC [complement(122701..122735)], trnA-UGC [complement(123547..123584)], ndhB [130121..130897], ndhB [131610..132365], rpl2 [136047..136436], rpl2 [137100..137531]	trnK-UUU [complement(1404..3905)], rps16 [complement(4728..5573)], trnG-UCC [complement(13185..13857)], atpF [34146..34967], ycf3 [complement(43287..44010)], ycf3 [complement(44239..44984)], trnL-UAA [47844..48382], trnV-UAC [complement(52024..52620)], petB [72362..73181], petD [74020..74768], rpl16 [complement(79272..80347)], rpl2 [complement(82770..83432)], ndhB [complement(88260..88971)], trnI-GAU [95239..96184], trnA-UGC [96323..97133], ndhA [complement(113791..114817)], trnA-UGC [complement(122736..123546)], ndhB [130898..131609], rpl2 [136437..137099]
529.	BUBI	70	rps12 [complement(98900..98925)], rps12 [complement(99462..99693)], rps12 [complement(71535..71648)], trnK-UUU [complement(1814..1848)], trnK-UUU [complement(4386..4422)], rps16 [complement(5328..5569)], rps16 [complement(6443..6482)], trnG-UCC [9895..9917], trnG-UCC [10624..10671], atpF [complement(12654..13115)], atpF [complement(13750..13908)], rpoC1 [complement(21767..23371)], rpoC1 [complement(24121..24573)], ycf3 [complement(43750..43902)], ycf3	trnK-UUU [complement(1849..4385)], rps16 [complement(5570..6442)], trnG-UCC [9918..10623], atpF [complement(13116..13749)], rpoC1 [complement(23372..24120)], ycf3 [complement(43903..44674)], ycf3 [complement(44903..45616)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44675..44902)], ycf3 [complement(45617..45745)], trnL-UAA [48991..49027], trnL-UAA [49528..49577], trnV-UAC [complement(53250..53286)], trnV-UAC [complement(53855..53893)], clpP [complement(71798..72028)], clpP [complement(72656..72946)], clpP [complement(73811..73879)], petB [76831..76836], petB [77566..78219], petD [78397..78404], petD [79159..79633], rpl16 [complement(83104..83502)], rpl16 [complement(84431..84439)], rpl2 [complement(86137..86570)], rpl2 [complement(87222..87612)], ndhB [complement(95864..96619)], ndhB [complement(97302..98078)], trnI-GAU [103607..103648], trnI-GAU [104592..104626], trnA-UGC [104691..104728], trnA-UGC [105546..105580], ndhA [complement(122077..122616)], ndhA [complement(123698..124249)], trnA-UGC [complement(136536..136570)], trnA-UGC [complement(137388..137425)], trnI-GAU [complement(137490..137524)], trnI-GAU [complement(138468..138509)], ndhB [144038..144814], ndhB [145497..146252], rpl2 [154504..154896], rpl2 [155545..155979]	[49028..49527], trnV-UAC [complement(53287..53854)], clpP [complement(72029..72655)], clpP [complement(72947..73810)], petB [76837..77565], petD [78405..79158], rpl16 [complement(83503..84430)], rpl2 [complement(86571..87221)], ndhB [complement(96620..97301)], trnI-GAU [103649..104591], trnA-UGC [104729..105545], ndhA [complement(122617..123697)], trnA-UGC [complement(136571..137387)], trnI-GAU [complement(137525..138467)], ndhB [144815..145496], rpl2 [154897..155544]
530.	BUBO	1	rps12 [151413..151438]	-
531.	BUCE	1	rps12 [152784..152809]	-
532.	BUCH	14	rps12 [complement(42470..42495)], rps12 [complement(43037..43268)], rps12 [complement(21754..21867)], rps12 [69521..69752], rps12 [70294..70319], clpP [complement(22011..22256)], clpP [complement(22894..23184)], clpP [complement(23984..24052)], rpl16 [complement(26548..26946)], rpl16 [complement(27996..28004)], rpl2 [complement(29877..30307)], rpl2 [complement(30977..31367)], rpl2 [81422..81812], rpl2 [82482..82912]	-
533.	BUCL	1	rps12 [151976..152001]	-
534.	BUCO	47	rps12 [complement(97857..97882)], rps12 [complement(98424..98655)], rps12 [complement(68473..68586)], trnK-UUU [complement(1467..1501)], trnK-UUU [complement(4510..4546)], trnG-UCC [6932..6954], trnG-UCC [7738..7785], atpF [complement(9723..10153)], atpF [complement(10957..11101)], rpoC1 [complement(19011..20621)], rpoC1 [complement(21428..21883)], ycf3 [complement(40714..40872)], ycf3 [complement(41665..41892)], ycf3 [complement(42691..42816)], trnL-UAA	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[45597..45631], trnL-UAA [46149..46198], trnV-UAC [complement(49462..49496)], trnV-UAC [complement(50109..50147)], rps12 [140692..140923], rps12 [141465..141490], clpP [complement(68729..68986)], clpP [complement(69721..70011)], clpP [complement(70806..70874)], petB [73757..73762], petB [74683..75324], petD [75520..75527], petD [76311..76785], rpl16 [complement(80448..80852)], rpl16 [complement(81938..81946)], rpl2 [complement(83880..84310)], rpl2 [complement(84971..85361)], ndhB [complement(94752..95522)], ndhB [complement(96235..97011)], trnI-GAU [102665..102701], trnI-GAU [103552..103586], trnA-UGC [103657..103694], trnA-UGC [104509..104543], ndhA [complement(119940..120478)], ndhA [complement(121634..122186)], trnA-UGC [complement(134804..134838)], trnA-UGC [complement(135653..135690)], trnI-GAU [complement(135761..135795)], trnI-GAU [complement(136646..136682)], ndhB [142336..143112], ndhB [143825..144595], rpl2 [153986..154376], rpl2 [155037..155467]	
535.	BUCP	30	rps12 [complement(66224..66249)], rps12 [complement(66791..67022)], rps12 [complement(41808..41921)], trnK-UUU [complement(647..681)], trnK-UUU [complement(3656..3692)], trnG-UCC [5051..5073], trnG-UCC [5825..5872], atpF [complement(7785..8194)], atpF [complement(9008..9152)], trnL-UAA [27563..27597], trnL-UAA [28082..28131], trnV-UAC [complement(30958..30992)], trnV-UAC [complement(31590..31628)], rps12 [95218..95449], rps12 [95991..96016], clpP [complement(42084..42335)], clpP [complement(43031..43321)], clpP [complement(44056..44124)], rpl16 [complement(49764..50168)], rpl16 [complement(51295..51303)], rpl2 [complement(53270..53700)], rpl2 [complement(54356..54746)], trnI-GAU [71019..71055], trnI-GAU [71900..71934], trnA-UGC [72005..72042], trnA-UGC [72857..72891], trnA-UGC [complement(89349..89383)], trnA-UGC [complement(90198..90235)], trnI-GAU [complement(90306..90340)], trnI-GAU [complement(91185..91221)]	-
536.	BUCR	2	rps12 [152463..152488]	pafI [complement(48895..49629)]
537.	BUCV	69	rps12 [complement(98621..98646)], rps12 [complement(99184..99415)],	trnK-UUU [complement(1747..4259)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(70993..71106)], trnK-UUU [complement(1712..1746)], trnK-UUU [complement(4260..4296)], rps16 [complement(5203..5429)], rps16 [complement(6285..6324)], trnG-UCC [9444..9474], trnG-UCC [10140..10198], atpF [complement(12139..12549)], atpF [complement(13254..13397)], rpoC1 [complement(21229..22854)], rpoC1 [complement(23611..24066)], ycf3 [complement(43237..43386)], ycf3 [complement(44119..44348)], ycf3 [complement(45069..45192)], trnL-UAA [48138..48172], trnL-UAA [48658..48707], rps12 [140011..140242], rps12 [140780..140805], clpP [complement(71239..71466)], clpP [complement(72106..72465)], clpP [complement(73129..73197)], petB [76136..76141], petB [76862..77503], petD [77681..77688], petD [78431..78905], rpl16 [complement(82345..82743)], rpl16 [complement(83628..83636)], rpl2 [complement(85307..85740)], rpl2 [complement(86408..86798)], ndhB [complement(95614..96369)], ndhB [complement(97049..97825)], trnI-GAU [103132..103163], trnI-GAU [104113..104152], trnA-UGC [104217..104253], trnA-UGC [105067..105102], ndhA [complement(120102..120640)], ndhA [complement(121709..122261)], trnA-UGC [complement(134324..134359)], trnA-UGC [complement(135173..135209)], trnI-GAU [complement(135274..135313)], trnI-GAU [complement(136263..136294)], ndhB [141601..142377], ndhB [143057..143812], rpl2 [152628..153018], rpl2 [153686..154119]	[complement(5430..6284)], trnG-UCC [9475..10139], atpF [complement(12550..13253)], rpoC1 [complement(22855..23610)], ycf3 [complement(43387..44118)], ycf3 [complement(44349..45068)], trnL-UAA [48173..48657], clpP [complement(71467..72105)], clpP [complement(72466..73128)], petB [76142..76861], petD [77689..78430], rpl16 [complement(82744..83627)], rpl2 [complement(85741..86407)], ndhB [complement(96370..97048)], trnI-GAU [103164..104112], trnA-UGC [104254..105066], ndhA [complement(120641..121708)], trnA-UGC [complement(134360..135172)], trnI-GAU [complement(135314..136262)], ndhB [142378..143056], rpl2 [153019..153685]
538.	BUCY	2	rps12 [152194..152219]	atpF [complement(18097..18832)]
539.	BUDI	46	rps12 [complement(94531..94556)], rps12 [complement(95098..95329)], rps12 [complement(65661..65774)], trnK-UUU [complement(1520..1554)], trnK-UUU [complement(4341..4377)], trnG-UCC [6733..6755], trnG-UCC [7524..7571], atpF [complement(9461..9870)], atpF [complement(10657..10801)], rpoC1 [complement(18365..19975)], rpoC1 [complement(20743..21174)], ycf3 [complement(39547..39705)], ycf3 [complement(40476..40703)], ycf3 [complement(41488..41613)], trnL-UAA [44323..44357], trnL-UAA [44870..44919], trnV-UAC [complement(48051..48085)], trnV-UAC [complement(48684..48722)], rps12 [141052..141283], rps12 [141825..141850], clpP [complement(65915..66172)],	ndhB [143469..144174]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(66901..67191)], clpP [complement(67958..68026)], petB [70907..70912], petB [71745..72386], petD [72575..72582], petD [73295..73769], rpl2 [complement(80733..81163)], rpl2 [complement(81818..82208)], ndhB [complement(91445..92206)], ndhB [complement(92913..93689)], trnI-GAU [99329..99365], trnI-GAU [100215..100249], trnA-UGC [100320..100357], trnA-UGC [101172..101206], ndhA [complement(120977..121515)], ndhA [complement(122642..123194)], trnA-UGC [complement(135175..135209)], trnA-UGC [complement(136024..136061)], trnI-GAU [complement(136132..136166)], trnI-GAU [complement(137016..137052)], ndhB [142692..143468], ndhB [144175..144936], rpl2 [154173..154563], rpl2 [155218..155648]</p>	
540.	BUDO	2	rps12 [152590..152615]	atpF [complement(18394..19134)]
541.	BUER	70	<p>rps12 [complement(97344..97369)], rps12 [complement(97907..98138)], rps12 [complement(68892..69005)], trnK [complement(1697..1731)], trnK [complement(4284..4319)], rps16 [complement(4922..5148)], rps16 [complement(6024..6063)], trnG [8430..8452], trnG [9167..9215], atpF [complement(11321..11730)], atpF [complement(12458..12602)], rpoC1 [complement(20024..21634)], rpoC1 [complement(22425..22856)], ycf3 [complement(42186..42338)], ycf3 [complement(43124..43351)], trnL [46683..46717], trnL [47220..47269], trnV [complement(50766..50800)], trnV [complement(51403..51441)], rps12 [139137..139368], rps12 [139906..139931], clpP [complement(69175..69402)], clpP [complement(69975..70266)], clpP [complement(71158..71228)], petB [74172..74177], petB [74971..75612], petD [75810..75817], petD [76535..77009], rpl16 [complement(80493..80891)], rpl16 [complement(82007..82015)], rpl2 [complement(83700..84134)], rpl2 [complement(84817..85206)], ndhB [complement(94294..95055)], ndhB [complement(95741..96148)], trnI [102149..102185], trnI [102892..102926], trnA [102991..103028], trnA [103829..103863], ndhA [complement(119197..119726)], ndhA [complement(120809..121361)], trnA [complement(133412..133446)], trnA [complement(134247..134285)], trnI [complement(134349..134383)], trnI [complement(135090..135126)], ndhB</p>	<p>trnK [complement(1732..4283)], rps16 [complement(5149..6023)], trnG [8453..9166], atpF [complement(11731..12457)], rpoC1 [complement(21635..22424)], ycf3 [complement(42339..43123)], trnL [46718..47219], trnV [complement(50801..51402)], clpP [complement(69403..69974)], clpP [complement(70267..71157)], petB [74178..74970], petD [75818..76534], rpl16 [complement(80892..82006)], rpl2 [complement(84135..84816)], ndhB [complement(95056..95740)], trnI [102186..102891], trnA [103029..103828], ndhA [complement(119727..120808)], trnA [complement(133447..134246)], trnI [complement(134384..135089)], ndhB [141535..142219], rpl2 [152459..153140]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141127..141534], ndhB [142220..142981], rpl2 [152069..152458], rpl2 [153141..153575]	
542.	BUFA	70	rps12 [complement(98782..98807)], rps12 [complement(99344..99575)], rps12 [complement(71396..71509)], trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4298..4334)], rps16 [complement(5253..5494)], rps16 [complement(6370..6409)], trnG-UCC [9815..9837], trnG-UCC [10544..10591], atpF [complement(12575..13036)], atpF [complement(13671..13829)], rpoC1 [complement(21664..23268)], rpoC1 [complement(24020..24472)], ycf3 [complement(43616..43768)], ycf3 [complement(44541..44768)], ycf3 [complement(45484..45612)], trnL-UAA [48873..48909], trnL-UAA [49410..49459], trnV-UAC [complement(53131..53167)], trnV-UAC [complement(53736..53774)], clpP [complement(71659..71889)], clpP [complement(72511..72801)], clpP [complement(73668..73736)], petB [76692..76697], petB [77427..78080], petD [78259..78266], petD [79021..79495], rpl16 [complement(82969..83367)], rpl16 [complement(84310..84318)], rpl2 [complement(86019..86452)], rpl2 [complement(87104..87494)], ndhB [complement(95746..96501)], ndhB [complement(97184..97960)], trnI-GAU [103489..103530], trnI-GAU [104473..104507], trnA-UGC [104572..104609], trnA-UGC [105426..105460], ndhA [complement(121976..122515)], ndhA [complement(123597..124148)], trnA-UGC [complement(136442..136476)], trnA-UGC [complement(137293..137330)], trnI-GAU [complement(137395..137429)], trnI-GAU [complement(138372..138413)], ndhB [143942..144718], ndhB [145401..146156], rpl2 [154408..154800], rpl2 [155449..155883]	trnK-UUU [complement(1765..4297)], rps16 [complement(5495..6369)], trnG-UCC [9838..10543], atpF [complement(13037..13670)], rpoC1 [complement(23269..24019)], ycf3 [complement(43769..44540)], ycf3 [complement(44769..45483)], trnL-UAA [48910..49409], trnV-UAC [complement(53168..53735)], clpP [complement(71890..72510)], clpP [complement(72802..73667)], petB [76698..77426], petD [78267..79020], rpl16 [complement(83368..84309)], rpl2 [complement(86453..87103)], ndhB [complement(96502..97183)], trnI-GAU [103531..104472], trnA-UGC [104610..105425], ndhA [complement(122516..123596)], trnA-UGC [complement(136477..137292)], trnI-GAU [complement(137430..138371)], ndhB [144719..145400], rpl2 [154801..155448]
543.	BUFU	1	rps12 [152344..152369]	-
544.	BULA	3	atpF [complement(12511..12911)], petB [77042..77683], rpl16 [complement(82579..82977)]	-
545.	BULO	1	rps12 [152965..152990]	-
546.	BULU	1	rps12 [152492..152517]	-
547.	BUMI	19	rps12 [complement(73625..73738)], rps12 [complement(73625..73738)], rps12 [144400..144631], rps12 [145168..145193]	rps16 [complement(5320..6146)], atpF [complement(13009..13757)], rpoC1 [complement(23556..24308)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(45321..46086)], ycf3 [complement(46317..47061)], clpP [complement(74136..74786)], clpP [complement(75079..75872)], petB [78870..79667], petD [80511..81236], rpl16 [complement(85506..86519)], rpl2 [complement(88644..89313)], ndhB [complement(99647..100346)], ndhA [complement(124502..125572)], ndhB [146809..147508], rpl2 [157842..158511]
548.	BUNE	3	trnQ-UUG [complement(98687..98706)], trnQ-UUG [complement(1..52)]	trnQ-UUG [complement(98707..0)]
549.	BUOB	16	rps12 [complement(18921..18946)], rps12 [complement(19460..19691)], rps12 [complement(7775..7888)], rps12 [31493..31724], rps12 [32238..32263], clpP [complement(8046..8276)], clpP [complement(8787..9077)], clpP [complement(9717..9785)], rpl16 [complement(13060..13458)], rpl16 [complement(14397..14405)], rpl2 [complement(16083..16522)], rpl2 [complement(17145..17535)], rpl2 [33649..34039], rpl2 [34662..35101], rpl16 [36779..36787], rpl16 [37726..38124]	-
550.	BUOR	70	rps12 [complement(97483..97508)], rps12 [complement(98046..98277)], rps12 [complement(68991..69104)], trnK [complement(1698..1732)], trnK [complement(4282..4318)], rps16 [complement(4945..5141)], rps16 [complement(6018..6057)], trnG [8438..8460], trnG [9176..9224], atpF [complement(11337..11746)], atpF [complement(12475..12619)], rpoC1 [complement(20060..21670)], rpoC1 [complement(22465..22896)], ycf3 [complement(42184..42336)], ycf3 [complement(43129..43356)], trnL [46691..46725], trnL [47229..47278], trnV [complement(50829..50863)], trnV [complement(51463..51501)], rps12 [139421..139652], rps12 [140190..140215], clpP [complement(69291..69518)], clpP [complement(70090..70381)], clpP [complement(71274..71344)], petB [74314..74319], petB [75118..75759], petD [75956..75963], petD [76688..77162], rpl16 [complement(80651..81049)], rpl16 [complement(82159..82167)], rpl2 [complement(83853..84287)], rpl2	trnK [complement(1733..4281)], rps16 [complement(5142..6017)], trnG [8461..9175], atpF [complement(11747..12474)], rpoC1 [complement(21671..22464)], ycf3 [complement(42337..43128)], trnL [46726..47228], trnV [complement(50864..51462)], clpP [complement(69519..70089)], clpP [complement(70382..71273)], petB [74320..75117], petD [75964..76687], rpl16 [complement(81050..82158)], rpl2 [complement(84288..84969)], ndhB [complement(95195..95879)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84970..85359)], ndhB [complement(94433..95194)], ndhB [complement(95880..96287)], trnI [102280..102316], trnI [103023..103057], trnA [103122..103159], trnA [103960..103994], ndhA [complement(119389..119918)], ndhA [complement(120988..121540)], trnA [complement(133704..133738)], trnA [complement(134539..134577)], trnI [complement(134641..134675)], trnI [complement(135382..135418)], ndhB [141411..141818], ndhB [142504..143265], rpl2 [152339..152728], rpl2 [153411..153845]	[102317..103022], trnA [103160..103959], ndhA [complement(119919..120987)], trnA [complement(133739..134538)], trnI [complement(134676..135381)], ndhB [141819..142503], rpl2 [152729..153410]
551.	BUOY	1	rps12 [151501..151526]	-
552.	BUPA	1	rps12 [152102..152127]	-
553.	BUPI	1	rps12 [152419..152444]	-
554.	BURE	1	rps12 [153196..153221]	-
555.	BURU	1	rps12 [152533..152558]	-
556.	BUSE	72	rps12 [complement(98601..98626)], rps12 [complement(99164..99395)], rps12 [complement(70988..71101)], trnK-UUU [complement(1718..1752)], trnK-UUU [complement(4270..4306)], rps16 [complement(5195..5421)], rps16 [complement(6278..6317)], trnG-UCC [9420..9442], trnG-UCC [10129..10176], atpF [complement(12115..12525)], atpF [complement(13228..13371)], rpoC1 [complement(21204..22823)], rpoC1 [complement(23575..24030)], ycf3 [complement(43230..43379)], ycf3 [complement(44111..44340)], ycf3 [complement(45061..45184)], trnL-UAA [48150..48184], trnL-UAA [48669..48718], trnV-UAC [complement(52599..52633)], trnV-UAC [complement(53215..53252)], rps12 [139987..140218], rps12 [140756..140781], clpP [complement(71234..71461)], clpP [complement(72096..72455)], clpP [complement(73120..73188)], petB [76103..76108], petB [76827..77468], petD [77646..77653], petD [78396..78870], rpl16 [complement(82323..82721)], rpl16 [complement(83607..83615)], rpl2 [complement(85286..85719)], rpl2 [complement(86387..86777)], ndhB [complement(95594..96349)], ndhB [complement(97029..97805)], trnI-GAU [103097..103128], trnI-GAU [104066..104105], trnA-UGC [104170..104206], trnA-UGC [105021..105056], ndhA [complement(120065..120603)], ndhA [complement(121690..122242)],	trnK-UUU [complement(1753..4269)], rps16 [complement(5422..6277)], trnG-UCC [9443..10128], atpF [complement(12526..13227)], rpoC1 [complement(22824..23574)], ycf3 [complement(43380..44110)], ycf3 [complement(44341..45060)], trnL-UAA [48185..48668], trnV-UAC [complement(52634..53214)], clpP [complement(71462..72095)], clpP [complement(72456..73119)], petB [76109..76826], petD [77654..78395], rpl16 [complement(82722..83606)], rpl2 [complement(85720..86386)], ndhB [complement(96350..97028)], trnI-GAU [103129..104065], trnA-UGC [104207..105020], ndhA [complement(120604..121689)], trnA-UGC [complement(134362..135175)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(134326..134361)], trnA-UGC [complement(135176..135212)], trnI-GAU [complement(135277..135316)], trnI-GAU [complement(136254..136285)], ndhB [141577..142353], ndhB [143033..143788], rpl2 [152605..152995], rpl2 [153663..154096]	[complement(135317..136253)], ndhB [142354..143032], rpl2 [152996..153662]
557.	BUSM	1	rps12 [152400..152425]	-
558.	BUSO	1	rps12 [152578..152603]	-
559.	BYCO	26	rps12 [145517..145759], trnI-GAU [107313..107354], trnI-GAU [108293..108327], trnA-UGC [108392..108429], trnA-UGC [109236..109270]	trnK-UUU [complement(1853..4348)], trnG-GCC [9874..10564], atpF [complement(13173..13892)], rpoC1 [complement(23780..24593)], ycf3 [complement(45979..46697)], ycf3 [complement(46926..47634)], trnL-UAA [50143..50684], trnV [complement(54636..55266)], clpP [complement(74532..75246)], clpP [complement(75538..76351)], rpl2 [complement(89365..90033)], ndhB [complement(100349..101035)], ycf15 [complement(104399..104409)], trnI-GAU [107355..108292], trnA-UGC [108430..109235], ndhA [complement(125261..126424)], trnA [complement(139619..140424)], trnI [complement(140562..141499)], ycf15 [144445..144455], ndhB [147819..148505], rpl2 [158821..159489]
560.	BYCR	24	rps12 [145403..145645], trnI [108206..108240], ndhA [complement(124624..125163)]	trnK [complement(1853..4342)], trnG [10011..10697], atpF [complement(13330..14076)], rpoC1 [complement(23926..24738)], ycf3 [complement(46286..47002)], ycf3 [complement(47231..47939)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[50451..50989], trnV [complement(54958..55588)], clpP [complement(74513..75187)], clpP [complement(75482..76293)], rpl2 [complement(89288..89956)], ndhB [complement(100271..100957)], ycf15 [complement(104318..104328)], trnI [107273..108205], trnA [108343..109148], ndhA [complement(125164..126307)], trnA [complement(139513..140318)], trnI [complement(140456..141388)], ycf15 [144333..144343], ndhB [147704..148390], rpl2 [158705..159373]
561.	CAAA	39	trnK-UUU [complement(1621..1655)], trnK-UUU [complement(4221..4257)], trnG [8324..8346], trnG [9058..9106], trnL-UAA [46332..46368], trnL-UAA [46679..46728], trnV-UAC [complement(50642..50678)], trnV-UAC [complement(51282..51320)], rpl16 [complement(80766..81176)], rpl16 [complement(82264..82272)], trnI-GAU [102221..102262], trnI-GAU [103067..103101], trnA-UGC [103166..103203], trnA-UGC [104004..104038], trnA-UGC [complement(133487..133521)], trnA-UGC [complement(134322..134359)], trnI-GAU [complement(134424..134458)], trnI-GAU [complement(135118..135156)]	trnK-UUU [complement(1656..4220)], rps16 [complement(5170..6045)], trnG [8347..9057], atpF [complement(11573..12295)], rpoC1 [complement(21534..22309)], ycf3 [complement(42056..42852)], ycf3 [complement(43081..43813)], trnL-UAA [46369..46678], trnV-UAC [complement(50679..51281)], clpP [complement(69626..70168)], clpP [complement(70466..71371)], rpl16 [complement(81177..82263)], rpl2 [complement(84403..85081)], ndhB [complement(95212..95890)], trnI-GAU [102263..103066], trnA-UGC [103204..104003], ndhA [complement(119766..120839)], trnA-UGC [complement(133522..134321)], trnI-GAU [complement(134459..135117)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[141348..142026], rpl2 [152098..152776]
562.	CAAC	67	rps12 [complement(103593..103618)], rps12 [complement(104155..104386)], rps12 [complement(72180..72293)], trnK-UUU [complement(1800..1834)], trnK-UUU [complement(4355..4391)], rps16 [complement(5246..5469)], rps16 [complement(6337..6385)], trnG-UCC [9399..9421], trnG-UCC [10098..10145], atpF [complement(12095..12504)], atpF [complement(13210..13357)], rpoC1 [complement(21148..22794)], rpoC1 [complement(23559..23990)], ycf3 [complement(43811..43963)], ycf3 [complement(44700..44929)], ycf3 [complement(45648..45774)], trnL-UAA [48693..48727], trnL-UAA [49244..49293], trnV-UAC [53256..53290], trnV-UAC [53858..53896], clpP [complement(72428..72653)], clpP [complement(73307..73599)], clpP [complement(74395..74463)], petB [77369..77374], petB [78139..78807], petD [79006..79013], petD [79773..80247], rpl16 [complement(83719..84120)], rpl16 [complement(85174..85182)], rpl2 [complement(86837..87270)], rpl2 [complement(87936..88326)], ndhB [complement(100473..101230)], ndhB [complement(101971..102748)], trnI-GAU [108184..108221], trnI-GAU [109206..109221], trnA-UGC [109285..109322], trnA-UGC [110130..110164], ndhA [complement(125076..125615)], ndhA [complement(126732..127283)], trnI-GAU [143096..143130], trnI-GAU [144077..144113], ndhB [149549..150323], ndhB [151003..151760], rpl2 [160771..161161], rpl2 [161830..162260]	trnK-UUU [complement(1835..4354)], rps16 [complement(5470..6336)], trnG-UCC [9422..10097], atpF [complement(12505..13209)], rpoC1 [complement(22795..23558)], ycf3 [complement(43964..44699)], ycf3 [complement(44930..45647)], trnL-UAA [48728..49243], trnV-UAC [53291..53857], clpP [complement(72654..73306)], clpP [complement(73600..74394)], petB [77375..78138], petD [79014..79772], rpl16 [complement(84121..85173)], rpl2 [complement(87271..87935)], ndhB [complement(101231..101970)], trnI-GAU [108222..109205], trnA-UGC [109323..110129], ndhA [complement(125616..126731)], trnI-GAU [143131..144076], ndhB [150324..151002], rpl2 [161162..161829]
563.	CAAM	44	trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4292..4328)], trnG-UCC [8577..8599], trnG-UCC [9326..9374], rpoC1 [complement(22627..23058)], trnL-UAA [46905..46941], trnL-UAA [47454..47503], trnV-UAC [complement(51378..51414)], trnV-UAC [complement(52020..52058)], rps12 [140710..140735], clpP [complement(69909..70136)], clpP [complement(71898..71968)], rpl2 [complement(85566..85955)], trnI-GAU [102716..102757], trnI-GAU [103699..103733], trnA-UGC [103798..103835], trnA-UGC [104641..104675], trnA-UGC [complement(134168..134202)], trnA-UGC [complement(135008..135045)], trnI-GAU [complement(135110..135144)],	trnK-UUU [complement(1737..4291)], rps16 [complement(5243..6116)], trnG-UCC [8600..9325], atpF [complement(11909..12622)], rpoC1 [complement(21838..22626)], ycf3 [complement(42690..43479)], ycf3 [complement(43710..44429)], trnL-UAA [46942..47453], trnV-UAC [complement(51415..52019)], clpP [complement(70137..70716)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(136086..136127)]	[complement(71009..71897)], petB [75330..75734], petD [76582..77288], rpl16 [complement(81644..82748)], rpl2 [complement(84884..85565)], ndhB [complement(95812..96496)], trnI-GAU [102758..103698], trnA-UGC [103836..104640], ndhA [complement(120413..121488)], trnA-UGC [complement(134203..135007)], trnI-GAU [complement(135145..136085)], ndhB [142347..142995], rpl2 [153279..153963]
564.	CAAN	3	rps12 [complement(72928..73041)], rps12 [143211..143236]	clpP [complement(73425..74050)]
565.	CAAQ	76	rps12 [complement(103293..103318)], rps12 [complement(103859..104090)], rps12 [complement(75122..75238)], trnK-UUU [complement(1655..1689)], trnK-UUU [complement(4264..4300)], rps16 [complement(5084..5304)], rps16 [complement(6122..6161)], trnG-UCC [10243..10265], trnG-UCC [11001..11048], atpF [complement(12972..13381)], atpF [complement(14126..14273)], rpoC1 [complement(21919..23547)], rpoC1 [complement(24288..24719)], ycf3 [complement(45234..45386)], ycf3 [complement(46195..46422)], ycf3 [complement(47169..47297)], trnL-UAA [50101..50136], trnL-UAA [50657..50707], trnV-UAC [complement(55562..55598)], trnV-UAC [complement(56182..56219)], trnH-AUG [63796..63831], trnH-AUG [63947..63984], rps12 [complement(75122..75238)], rps12 [144832..145063], rps12 [145604..145629], clpP [complement(75378..75621)], clpP [complement(76226..76519)], clpP [complement(77270..77340)], petB [80233..80238], petB [81032..81673], petD [81881..81886], petD [82535..83011], rpl16 [complement(86718..87119)], rpl16 [complement(87892..87900)], rpl2 [complement(89595..90025)], rpl2 [complement(90693..91086)], ndhB [complement(100212..100967)], ndhB [complement(101683..102459)], trnI-GAU [107818..107860], trnI-GAU [108817..108851], trnA-UGC [108915..108952], trnA-UGC [109763..109796],	trnK-UUU [complement(1690..4263)], rps16 [complement(5305..6121)], trnG-UCC [10266..11000], atpF [complement(13382..14125)], rpoC1 [complement(23548..24287)], ycf3 [complement(45387..46194)], ycf3 [complement(46423..47168)], trnL-UAA [50137..50656], trnV-UAC [complement(55599..56181)], trnH-AUG [63832..63946], clpP [complement(75622..76225)], clpP [complement(76520..77269)], petB [80239..81031], petD [81887..82534], rpl16 [complement(87120..87891)], rpl2 [complement(90026..90692)], ndhB [complement(100968..101682)], trnI-GAU [107861..108816], trnA-UGC [108953..109762], ndhA [complement(125189..126104)], trnA-UGC [complement(139161..139970)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(124650..125188)], ndhA [complement(126105..126654)], trnA-UGC [complement(139126..139160)], trnA-UGC [complement(139971..140007)], trnI [complement(140071..140105)], trnI [complement(141062..141103)], ndhB [146463..147239], ndhB [147955..148710], rpl2 [157836..158226], rpl2 [158897..159327]	[complement(140106..141061)], ndhB [147240..147954], rpl2 [158227..158896]
566.	CAAR	44	psaB [complement(105105..107122)], psaB [complement(1..187)], ycf3 [complement(3090..3245)], ycf3 [complement(3963..4190)], ycf3 [complement(4896..5024)], trnL [7518..7552], trnL [8041..8090], rpl2 [10160..10561], rpl2 [11237..11668], rpl16 [13189..13197], rpl16 [14052..14465], petD [complement(17886..18360)], petD [complement(19070..19077)], petB [complement(19295..19937)], petB [complement(20754..20758)], trnV [42726..42764], trnV [43312..43348], rpoC1 [51496..51927], rpoC1 [52605..54263], atpF [61219..61362], atpF [62129..62539], trnG [complement(64509..64556)], trnG [complement(65316..65338)], trnK [69957..69993], trnK [72508..72542], trnA [complement(95272..95306)], trnA [complement(96090..96127)], trnI [complement(96207..96241)], trnI [complement(97230..97266)]	psaB [complement(107123..0)], ycf3 [complement(3246..3962)], ycf3 [complement(4191..4895)], trnL [7553..8040], rpl2 [10562..11236], rpl16 [13198..14051], petD [complement(18361..19069)], petB [complement(19938..20753)], trnV [42765..43311], rpoC1 [51928..52604], atpF [61363..62128], trnG [complement(64557..65315)], trnK [69994..72507], trnA [complement(95307..96089)], trnI [complement(96242..97229)]
567.	CAAU	52	rps12 [complement(93285..93542)], rps12 [complement(66769..66885)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4232..4268)], trnC-ACA [9664..9701], trnC-ACA [10277..10312], trnL-UAA [complement(13052..13101)], trnL-UAA [complement(13546..13582)], ycf3 [16320..16434], ycf3 [17124..17353], ycf3 [18068..18220], rpoC1 [37564..37993], rpoC1 [38709..40333], atpF [47909..48053], atpF [48757..49166], trnG-UCC [complement(51115..51165)], trnG-UCC [complement(51856..51876)], clpP [complement(67056..67284)], clpP [complement(67941..68308)], petB [71324..71329], petB [72159..72800], petD [73006..73013], petD [73733..74207], rpl16 [complement(77945..78346)], rpl16 [complement(79357..79365)], rpl2 [complement(80766..81200)], rpl2 [complement(81909..82301)], ndhB [complement(90265..91029)], ndhB [complement(91713..92435)], trnI-GAU [97129..97164], trnI-GAU [97953..97988], trnA-UGC [98058..98095], trnA-UGC [98892..98926], ndhA	trnK-UUU [complement(1735..4231)], trnC-ACA [9702..10276], trnL-UAA [complement(13102..13545)], ycf3 [16435..17123], ycf3 [17354..18067], rpoC1 [37994..38708], atpF [48054..48756], trnG-UCC [complement(51166..51855)], clpP [complement(67285..67940)], petB [71330..72158], petD [73014..73732], rpl16 [complement(78347..79356)], rpl2 [complement(81201..81908)], ndhB [complement(91030..91712)], trnI-GAU [97165..97952], trnA-UGC [98096..98891], ndhA [111318..112517]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[110766..111317], ndhA [112518..113057]	
568.	CAAZ	70	rps12 [complement(100727..100969)], rps12 [complement(72264..72377)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4272..4308)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-GCC [9801..9823], trnG-GCC [10529..10565], atpF [complement(12586..12996)], atpF [complement(13713..13856)], rpoC1 [complement(21799..23415)], rpoC1 [complement(24157..24591)], ycf3 [complement(44420..44572)], ycf3 [complement(45310..45537)], ycf3 [complement(46261..46386)], trnL-UAA [49656..49692], trnL-UAA [50216..50265], trnV-UAC [complement(53411..53447)], trnV-UAC [complement(54034..54072)], rps12 [142745..142987], clpP [complement(72527..72754)], clpP [complement(73352..73640)], clpP [complement(74437..74507)], petB [77415..77420], petB [78198..78839], petD [79028..79035], petD [79783..80257], rpl16 [complement(83729..84127)], rpl16 [complement(85145..85153)], rpl2 [complement(86781..87215)], rpl2 [complement(87886..88275)], ndhB [complement(97118..97873)], ndhB [complement(98553..99329)], trnI-GAU [104881..104922], trnI-GAU [105870..105904], trnA-UGC [105969..106006], trnA-UGC [106819..106853], ndhA [complement(122339..122878)], ndhA [complement(123963..124514)], trnA-UGC [complement(136861..136895)], trnA-UGC [complement(137708..137745)], trnI-GAU [complement(137810..137844)], trnI-GAU [complement(138791..138832)], ndhB [144385..145161], ndhB [145841..146596], rpl2 [155439..155829], rpl2 [156500..156933]	trnK-UUU [complement(1776..4271)], rps16 [complement(5301..6155)], trnG-GCC [9824..10528], atpF [complement(12997..13712)], rpoC1 [complement(23416..24156)], ycf3 [complement(44573..45309)], ycf3 [complement(45538..46260)], trnL-UAA [49693..50215], trnV-UAC [complement(53448..54033)], clpP [complement(72755..73351)], clpP [complement(73641..74436)], petB [77421..78197], petD [79036..79782], rpl16 [complement(84128..85144)], rpl2 [complement(87216..87885)], ndhB [complement(97874..98552)], trnI-GAU [104923..105869], trnA-UGC [106007..106818], ndhA [complement(122879..123962)], trnA-UGC [complement(136896..137707)], trnI-GAU [complement(137845..138790)], ndhB [145162..145840], rpl2 [155830..156499]
569.	CABA	73	rps12 [complement(100972..100997)], rps12 [complement(101534..101765)], rps12 [complement(72973..73086)], trnK [complement(1835..1869)], trnK [complement(4371..4407)], rps16 [complement(5105..5331)], rps16 [complement(6197..6236)], trnG [9450..9472], trnG [10160..10207], atpF [complement(12168..12577)], atpF [complement(13272..13416)], rpoC1 [complement(21465..23078)], rpoC1 [complement(23827..24279)], ycf3 [complement(44120..44272)], ycf3 [complement(45015..45244)], ycf3 [complement(45994..46117)], trnL [49168..49202], trnL [49629..49678], trnV [complement(53831..53867)], trnV [complement(54440..54477)], rps12	trnK [complement(1870..4370)], rps16 [complement(5332..6196)], trnG [9473..10159], atpF [complement(12578..13271)], rpoC1 [complement(23079..23826)], ycf3 [complement(44273..45014)], ycf3 [complement(45245..45993)], trnL [49203..49628], trnV [complement(53868..54439)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72973..73086)], rps12 [142643..142874], rps12 [143411..143436], clpP [complement(73242..73469)], clpP [complement(74027..74318)], clpP [complement(75129..75199)], petB [78144..78149], petB [78908..79549], petD [79743..79750], petD [80493..80967], rpl16 [complement(84394..84789)], rpl16 [complement(85816..85824)], rpl2 [complement(87488..87921)], rpl2 [complement(88588..88978)], ndhB [complement(97955..98710)], ndhB [complement(99390..100166)], trnI [105499..105535], trnI [106258..106292], trnA [106357..106394], trnA [107206..107240], ndhA [complement(122382..122920)], ndhA [complement(124070..124622)], trnA [complement(137168..137202)], trnA [complement(138014..138051)], trnI [complement(138160..138194)], trnI [complement(138917..138953)], ndhB [144242..145018], ndhB [145698..146453], rpl2 [155430..155820], rpl2 [156487..156920]	[complement(73470..74026)], clpP [complement(74319..75128)], petB [78150..78907], petD [79751..80492], rpl16 [complement(84790..85815)], rpl2 [complement(87922..88587)], ndhB [complement(98711..99389)], trnI [105536..106257], trnA [106395..107205], ndhA [complement(122921..124069)], trnA [complement(137203..138013)], trnI [complement(138195..138916)], ndhB [145019..145697], rpl2 [155821..156486]
570.	CABE	49	rps12 [complement(101672..101702)], rps12 [complement(102240..102471)], rps12 [complement(73645..73759)], rps16 [complement(5501..5698)], rps16 [complement(6591..6632)], atpF [complement(13331..13740)], atpF [complement(14489..14636)], rpoC1 [complement(22863..24479)], rpoC1 [complement(25299..25733)], ycf3 [complement(46256..46408)], ycf3 [complement(47184..47413)], ycf3 [complement(48130..48256)], rps12 [complement(73645..73759)], rps12 [146398..146631], rps12 [147166..147194], clpP [complement(73898..74125)], clpP [complement(74737..75030)], clpP [complement(75844..75912)], petB [78868..78873], petB [79675..80316], petD [80526..80534], petD [81155..81628], rpl16 [complement(85104..85502)], rpl16 [complement(86573..86581)], rpl2 [complement(88315..88784)], rpl2 [complement(89434..89827)], ndhB [complement(98606..99367)], ndhB [complement(100054..100830)], ndhA [complement(125841..126380)], ndhA [complement(127578..128129)], ndhB [148036..148812], ndhB [149499..150260], rpl2 [159039..159429], rpl2 [160082..160551]	rps16 [complement(5699..6590)], atpF [complement(13741..14488)], rpoC1 [complement(24480..25298)], ycf3 [complement(46409..47183)], ycf3 [complement(47414..48129)], clpP [complement(74126..74736)], clpP [complement(75031..75843)], petB [78874..79674], petD [80535..81154], rpl16 [complement(85503..86572)], rpl2 [complement(88785..89433)], ndhB [complement(99368..100053)], ndhA [complement(126381..127577)], ndhB [148813..149498], rpl2 [159430..160081]
571.	CABL	63	rps12 [complement(98334..98359)], rps12 [complement(98907..99138)], rps12 [complement(68743..68856)], trnK-UUU [complement(1476..1510)],	trnK-UUU [complement(1511..4338)], rps16 [complement(5123..5997)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4339..4375)], rps16 [complement(4927..5122)], rps16 [complement(5998..6029)], trnG-UCC [9648..9670], trnG-UCC [10376..10412], atpF [complement(12387..12797)], atpF [complement(13772..13915)], rpoC1 [complement(21455..23066)], rpoC1 [complement(23848..24275)], ycf3 [complement(43356..43510)], ycf3 [complement(44205..44431)], ycf3 [complement(45151..45275)], trnL-UAA [47669..47703], trnL-UAA [48286..48335], trnV-UAC [complement(50392..50428)], trnV-UAC [complement(51002..51040)], rps12 [134047..134278], rps12 [134826..134851], clpP [complement(68990..69250)], clpP [complement(69927..70218)], clpP [complement(70963..71033)], petB [74604..74609], petB [75332..75973], petD [76159..76166], petD [77009..77492], rpl16 [complement(81063..81461)], rpl16 [complement(82663..82671)], rpl2 [complement(84661..85092)], rpl2 [complement(85761..86150)], trnI-GAU [102850..102891], trnI-GAU [103822..103856], trnA-UGC [103921..103958], trnA-UGC [104761..104795], trnA-UGC [complement(128390..128424)], trnA-UGC [complement(129227..129264)], trnI-GAU [complement(129329..129363)], trnI-GAU [complement(130294..130335)], rpl2 [147035..147424], rpl2 [148093..148524]	[9671..10375], atpF [complement(12798..13771)], rpoC1 [complement(23067..23847)], ycf3 [complement(43511..44204)], ycf3 [complement(44432..45150)], trnL-UAA [47704..48285], trnV-UAC [complement(50429..51001)], clpP [complement(69251..69926)], clpP [complement(70219..70962)], petB [74610..75331], petD [76167..77008], rpl16 [complement(81462..82662)], rpl2 [complement(85093..85760)], trnI-GAU [102892..103821], trnA-UGC [103959..104760], trnA-UGC [complement(128425..129226)], trnI-GAU [complement(129364..130293)], rpl2 [147425..148092]
572.	CABU	70	rps12 [complement(97543..97568)], rps12 [complement(98106..98337)], rps12 [complement(69124..69237)], trnK [complement(1706..1740)], trnK [complement(4294..4330)], rps16 [complement(5006..5232)], rps16 [complement(6107..6146)], trnG [8452..8474], trnG [9192..9240], atpF [complement(11349..11758)], atpF [complement(12490..12634)], rpoC1 [complement(20061..21671)], rpoC1 [complement(22478..22909)], ycf3 [complement(42004..42156)], ycf3 [complement(42935..43162)], trnL [46270..46300], trnL [46811..46860], trnV [complement(50734..50768)], trnV [complement(51369..51407)], rps12 [139895..140126], rps12 [140664..140689], clpP [complement(69418..69645)], clpP [complement(70215..70506)], clpP [complement(71384..71454)], petB [74413..74418], petB [75212..75853], petD [76042..76049], petD [76769..77243], rpl16 [complement(80738..81136)], rpl16	trnK [complement(1741..4293)], rps16 [complement(5233..6106)], trnG [8475..9191], atpF [complement(11759..12489)], rpoC1 [complement(21672..22477)], ycf3 [complement(42157..42934)], trnL [46301..46810], trnV [complement(50769..51368)], clpP [complement(69646..70214)], clpP [complement(70507..71383)], petB [74419..75211], petD [76050..76768], rpl16 [complement(81137..82206)], rpl2 [complement(84337..85018)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82207..82215)], rpl2 [complement(83902..84336)], rpl2 [complement(85019..85408)], ndhB [complement(94485..95246)], ndhB [complement(95932..96654)], trnI [102350..102386], trnI [103335..103369], trnA [103434..103471], trnA [104263..104297], ndhA [complement(119664..120193)], ndhA [complement(121271..121823)], trnA [complement(133935..133969)], trnA [complement(134761..134798)], trnI [complement(134863..134897)], trnI [complement(135846..135882)], ndhB [141578..142300], ndhB [142986..143747], rpl2 [152824..153213], rpl2 [153896..154330]	[complement(95247..95931)], trnI [102387..103334], trnA [103472..104262], ndhA [complement(120194..121270)], trnA [complement(133970..134760)], trnI [complement(134898..135845)], ndhB [142301..142985], rpl2 [153214..153895]
573.	CACA	45	rps12 [complement(100477..100705)], rps12 [complement(70929..71042)], trnK-UUU [complement(1413..1447)], trnK-UUU [complement(4037..4073)], trnG-UCC [8930..8952], trnG-UCC [9661..9708], trnL-UAA [47571..47605], trnL-UAA [48115..48164], trnV-UAC [complement(52276..52312)], trnV-UAC [complement(52901..52939)], rps12 [142091..142319], rps12 [142871..142896], petD [78603..79116], rpl2 [complement(87272..87662)], trnI-GAU [104512..104553], trnI-GAU [105491..105525], trnA-UGC [105590..105627], trnA-UGC [106429..106463], trnA-UGC [complement(136333..136367)], trnA-UGC [complement(137169..137206)], trnI-GAU [complement(137271..137305)], trnI-GAU [complement(138243..138284)]	trnK-UUU [complement(1448..4036)], rps16 [complement(5025..5909)], trnG-UCC [8953..9660], atpF [complement(12047..12877)], rpoC1 [complement(22449..23187)], ycf3 [complement(42615..43347)], ycf3 [complement(43577..44304)], trnL-UAA [47606..48114], trnV-UAC [complement(52313..52900)], clpP [complement(71424..72089)], clpP [complement(72382..73222)], petB [76225..77011], petD [77861..78602], rpl16 [complement(82995..84238)], rpl2 [complement(86610..87271)], ndhB [complement(97590..98293)], trnI-GAU [104554..105490], trnA-UGC [105628..106428], ndhA [complement(122356..123470)], trnA-UGC [complement(136368..137168)], trnI-GAU [complement(137306..138242)], ndhB [144503..145206], rpl2 [155525..156186]
574.	CACB	70	rps12 [complement(101952..101981)], rps12 [complement(102519..102749)], rps12 [complement(73908..74021)], rps16 [complement(5532..5747)], rps16	rps16 [complement(5748..6621)], trnS-CGA [10478..11206], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6622..6663)], trnS-CGA [10455..10477], trnS-CGA [11207..11244], atpF [complement(13496..13906)], atpF [complement(14656..14799)], rpoC1 [complement(23020..24645)], rpoC1 [complement(25473..25904)], ycf3 [complement(46500..46652)], ycf3 [complement(47429..47656)], ycf3 [complement(48376..48501)], trnL-UAA [51131..51165], trnL-UAA [51698..51747], trnV-UAC [complement(55255..55289)], trnV-UAC [complement(55930..55967)], rps12 [complement(73908..74021)], rps12 [144934..145165], rps12 [145702..145727], clpP [complement(74160..74387)], clpP [complement(75000..75293)], clpP [complement(76106..76174)], petB [79127..79132], petB [79926..80567], petD [80777..80785], petD [81406..81879], rpl16 [complement(85362..85760)], rpl16 [complement(86851..86859)], rpl2 [complement(88595..89029)], rpl2 [complement(89718..90107)], ndhB [complement(98886..99647)], ndhB [complement(100334..101110)], trnI-GAU [106532..106568], trnI-GAU [107524..107558], trnA-UGC [107623..107660], trnA-UGC [108469..108503], ndhA [complement(124382..124920)], ndhA [complement(126119..126674)], trnA-UGC [complement(139180..139214)], trnA-UGC [complement(140023..140060)], trnI-GAU [complement(140125..140159)], trnI-GAU [complement(141115..141151)], ndhB [146573..147349], ndhB [148036..148797], rpl2 [157576..157965], rpl2 [158654..159088]	[complement(13907..14655)], rpoC1 [complement(24646..25472)], ycf3 [complement(46653..47428)], ycf3 [complement(47657..48375)], trnL-UAA [51166..51697], trnV-UAC [complement(55290..55929)], clpP [complement(74388..74999)], clpP [complement(75294..76105)], petB [79133..79925], petD [80786..81405], rpl16 [complement(85761..86850)], rpl2 [complement(89030..89717)], ndhB [complement(99648..100333)], trnI-GAU [106569..107523], trnA-UGC [107661..108468], ndhA [complement(124921..126118)], trnA-UGC [complement(139215..140022)], trnI-GAU [complement(140160..141114)], ndhB [147350..148035], rpl2 [157966..158653]
575.	CACC	73	rps12 [complement(100992..101017)], rps12 [complement(101554..101785)], rps12 [complement(72943..73056)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4365..4401)], rps16 [complement(5107..5333)], rps16 [complement(6199..6238)], trnG-UCC [9457..9479], trnG-UCC [10173..10220], atpF [complement(12170..12579)], atpF [complement(13276..13420)], rpoC1 [complement(21468..23081)], rpoC1 [complement(23824..24276)], ycf3 [complement(44138..44290)], ycf3 [complement(45008..45237)], ycf3 [complement(45982..46105)], trnL-UAA [49168..49202], trnL-UAA [49629..49678], trnV-UAC [complement(53819..53853)], trnV-UAC [complement(54428..54465)], rps12 [complement(72943..73056)], rps12 [142590..142821], rps12	trnK-UUU [complement(1864..4364)], rps16 [complement(5334..6198)], trnG-UCC [9480..10172], atpF [complement(12580..13275)], rpoC1 [complement(23082..23823)], ycf3 [complement(44291..45007)], ycf3 [complement(45238..45981)], trnL-UAA [49203..49628], trnV-UAC [complement(53854..54427)], clpP [complement(73440..74069)], clpP [complement(74362..75174)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143358..143383], clpP [complement(73212..73439)], clpP [complement(74070..74361)], clpP [complement(75175..75245)], petB [78190..78195], petB [78951..79592], petD [79786..79793], petD [80536..81010], rpl16 [complement(84429..84824)], rpl16 [complement(85851..85859)], rpl2 [complement(87526..87959)], rpl2 [complement(88626..89016)], ndhB [complement(97975..98730)], ndhB [complement(99410..100186)], trnI-GAU [105519..105555], trnI-GAU [106278..106312], trnA-UGC [106377..106414], trnA-UGC [107226..107260], ndhA [complement(122356..122894)], ndhA [complement(124046..124598)], trnA-UGC [complement(137115..137149)], trnA-UGC [complement(137961..137998)], trnI-GAU [complement(138063..138097)], trnI-GAU [complement(138820..138856)], ndhB [144189..144965], ndhB [145645..146400], rpl2 [155359..155749], rpl2 [156416..156849]	[78196..78950], petD [79794..80535], rpl16 [complement(84825..85850)], rpl2 [complement(87960..88625)], ndhB [complement(98731..99409)], trnI-GAU [105556..106277], trnA-UGC [106415..107225], ndhA [complement(122895..124045)], trnA-UGC [complement(137150..137960)], trnI-GAU [complement(138098..138819)], ndhB [144966..145644], rpl2 [155750..156415]
576.	CACD	40	trnK-UUU [complement(1354..1388)], trnK-UUU [complement(4029..4065)], trnG-GCC [8443..8466], trnG-GCC [9158..9205], trnL-UAA [45656..45690], trnL-UAA [46228..46277], trnV-UAC [49541..49577], trnV-UAC [50180..50218], rps12 [138600..138625], trnI-GAU [100720..100756], trnI-GAU [101694..101728], trnA-UGC [101797..101834], trnA-UGC [102650..102684], trnA-UGC [complement(131913..131947)], trnA-UGC [complement(132763..132800)], trnI-GAU [complement(132869..132903)], trnI-GAU [complement(133841..133877)]	trnK-UUU [complement(1389..4028)], rps16 [complement(4995..5885)], trnG-GCC [8467..9157], atpF [complement(11548..12335)], rpoC1 [complement(21993..22748)], ycf3 [complement(41181..41894)], ycf3 [complement(42123..42784)], trnL-UAA [45691..46227], trnV-UAC [49578..50179], clpP [complement(68141..68727)], clpP [complement(69020..69799)], petB [72810..73617], petD [74499..75254], rpl16 [complement(79650..80610)], rpl2 [complement(82949..83626)], ndhB [complement(93729..94410)], trnI-GAU [100757..101693], trnA-UGC [101835..102649], ndhA [complement(118076..119117)], trnA-UGC [complement(131948..132762)], trnI-GAU [complement(132904..133840)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[140187..140868], rpl2 [150968..151648]
577.	CACE	37	trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4256..4292)], trnL-UAA [49641..49677], trnL-UAA [50201..50250], trnV-UAC [complement(53390..53426)], trnV-UAC [complement(54013..54051)], rpl16 [complement(83702..84103)], rpl16 [complement(85144..85152)], trnI-GAU [104880..104921], trnI-GAU [105869..105903], trnA-UGC [105968..106005], trnA-UGC [106818..106852], trnA-UGC [complement(136793..136827)], trnA-UGC [complement(137640..137677)], trnI-GAU [complement(137742..137776)], trnI-GAU [complement(138724..138765)]	trnK-UUU [complement(1768..4255)], rps16 [complement(5283..6141)], atpF [complement(12984..13687)], rpoC1 [complement(23416..24147)], ycf3 [complement(44582..45318)], ycf3 [complement(45547..46266)], trnL-UAA [49678..50200], trnV-UAC [complement(53427..54012)], clpP [complement(72772..73313)], clpP [complement(73605..74400)], petB [77385..78146], petD [79009..79704], rpl16 [complement(84104..85143)], rpl2 [complement(87215..87873)], ndhB [complement(97865..98543)], trnI-GAU [104922..105868], trnA-UGC [106006..106817], ndhA [complement(122794..123879)], trnA-UGC [complement(136828..137639)], trnI-GAU [complement(137777..138723)], ndhB [145102..145780]
578.	CACF	64	rps12 [complement(102566..102808)], rps12 [complement(73944..74060)], trnK-UUU [complement(1728..1762)], trnK-UUU [complement(4327..4363)], rps16 [complement(5101..5321)], rps16 [complement(6096..6135)], trnG-UCC [9929..9951], trnG-UCC [10716..10763], atpF [complement(12687..13096)], atpF [complement(13841..13988)], rpoC1 [complement(21961..23589)], rpoC1 [complement(24347..24781)], ycf3 [complement(44621..44773)], ycf3 [complement(45581..45808)], ycf3 [complement(46541..46669)], trnL-UAA [49290..49324], trnL-UAA [49832..49881], trnV-UAC [complement(54628..54664)], trnV-UAC [complement(55248..55285)], rps12 [143340..143582], clpP [complement(74191..74434)], clpP [complement(75049..75342)], clpP [complement(76116..76186)], petB	trnK-UUU [complement(1763..4326)], rps16 [complement(5322..6095)], trnG-UCC [9952..10715], atpF [complement(13097..13840)], rpoC1 [complement(23590..24346)], ycf3 [complement(44774..45580)], ycf3 [complement(45809..46540)], trnL-UAA [49325..49831], trnV-UAC [complement(54665..55247)], clpP [complement(74435..75048)], clpP [complement(75343..76115)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79075..79080], petB [79868..80515], rpl2 [complement(88331..88761)], rpl2 [complement(89429..89822)], ndhB [complement(98930..99687)], ndhB [complement(100400..101177)], trnI-GAU [106545..106586], trnI-GAU [107393..107427], trnA-UGC [107491..107528], trnA-UGC [108338..108372], ndhA [complement(123171..123709)], ndhA [complement(124632..125181)], trnA-UGC [complement(137776..137810)], trnA-UGC [complement(138620..138657)], trnI-GAU [complement(138721..138755)], trnI-GAU [complement(139562..139603)], ndhB [144971..145750], ndhB [146463..147218], rpl2 [156326..156719], rpl2 [157387..157817]	[79081..79867], rpl2 [complement(88762..89428)], ndhB [complement(99688..100399)], trnI-GAU [106587..107392], trnA-UGC [107529..108337], ndhA [complement(123710..124631)], trnA-UGC [complement(137811..138619)], trnI-GAU [complement(138756..139561)], ndhB [145751..146462], rpl2 [156720..157386]
579.	CACG	73	rps12 [complement(100073..100098)], rps12 [complement(100635..100866)], rps12 [complement(72135..72248)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4230..4265)], rps16 [complement(5061..5285)], rps16 [complement(6157..6195)], trnG-UCC [9864..9886], trnG-UCC [10566..10613], atpF [complement(12544..12951)], atpF [complement(13651..13809)], rpoC1 [complement(21748..23373)], rpoC1 [complement(24131..24565)], ycf3 [complement(43707..43859)], ycf3 [complement(44594..44821)], ycf3 [complement(45530..45655)], trnL-UAA [48735..48769], trnL-UAA [49290..49339], trnV-UAC [complement(53224..53260)], trnV-UAC [complement(53846..53884)], rps12 [complement(72135..72248)], rps12 [143185..143416], rps12 [143953..143978], clpP [complement(72389..72616)], clpP [complement(73288..73578)], clpP [complement(74359..74427)], petB [77318..77323], petB [78082..78723], petD [78914..78921], petD [79678..80152], rpl16 [complement(83599..84000)], rpl16 [complement(85001..85009)], rpl2 [complement(86677..87111)], rpl2 [complement(87774..88166)], ndhB [complement(97015..97770)], ndhB [complement(98450..99226)], trnI-GAU [104782..104823], trnI-GAU [105766..105800], trnA-UGC [105864..105901], trnA-UGC [106708..106742], ndhA [complement(122671..123210)], ndhA [complement(124318..124869)], trnA-UGC [complement(137309..137343)], trnA-UGC [complement(138150..138186)], trnI-GAU [complement(138251..138285)], trnI-GAU [complement(139228..139269)], ndhB [144825..145601], ndhB	trnK-UUU [complement(1737..4229)], rps16 [complement(5286..6156)], trnG-UCC [9887..10565], atpF [complement(12952..13650)], rpoC1 [complement(23374..24130)], ycf3 [complement(43860..44593)], ycf3 [complement(44822..45529)], trnL-UAA [48770..49289], trnV-UAC [complement(53261..53845)], clpP [complement(72617..73287)], clpP [complement(73579..74358)], petB [77324..78081], petD [78922..79677], rpl16 [complement(84001..85000)], rpl2 [complement(87112..87773)], ndhB [complement(97771..98449)], trnI-GAU [104824..105765], trnA-UGC [105902..106707], ndhA [complement(123211..124317)], trnA-UGC [complement(137344..138149)], trnI-GAU [complement(138286..139227)], ndhB [145602..146280], rpl2 [156275..156939]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146281..147036], rpl2 [155885..156274], rpl2 [156940..157374]	
580.	CACH	3	rps12 [complement(72864..72977)], rps12 [143227..143252]	ndhB [complement(98585..99263)]
581.	CACI	48	rps12 [complement(100328..100570)], rps12 [complement(70464..70577)], trnK [complement(1590..1623)], trnK [complement(4497..4533)], trnG [9730..9752], trnG [10460..10496], atpF [complement(12491..12901)], atpF [complement(13794..13937)], rpoC1 [complement(21374..22990)], rpoC1 [complement(23747..24181)], ycf3 [complement(43777..43929)], ycf3 [complement(44707..44934)], ycf3 [complement(45653..45778)], trnL-UAA [48286..48320], trnL-UAA [48914..48963], trnV-UAC [complement(51178..51223)], trnV-UAC [complement(51802..51840)], clpP [complement(70718..70969)], clpP [complement(71638..71928)], clpP [complement(72892..72960)], rpl2 [complement(86373..86804)], rpl2 [complement(87466..87852)], trnI-GAU [103755..103796], trnI-GAU [104733..104767], trnA-UGC [104833..104869], trnA-UGC [105671..105705], trnA-UGC [complement(128389..128423)], trnA-UGC [complement(129225..129262)], trnI-GAU [complement(129327..129361)], trnI-GAU [complement(130298..130339)], rpl2 [146218..146610], rpl2 [147290..147703]	trnK [complement(1624..4496)], trnG [9753..10459], atpF [complement(12902..13793)], rpoC1 [complement(22991..23746)], ycf3 [complement(43930..44706)], ycf3 [complement(44935..45652)], trnL-UAA [48321..48913], trnV-UAC [complement(51224..51801)], clpP [complement(70970..71637)], clpP [complement(71929..72891)], rpl2 [complement(86805..87465)], trnI-GAU [103797..104732], trnA-UGC [104870..105670], trnA-UGC [complement(128424..129224)], trnI-GAU [complement(129362..130297)], rpl2 [146611..147289]
582.	CACJ	67	trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4388..4424)], trnV-UAC [10046..10084], trnV-UAC [10680..10714], trnL-UAA [complement(13909..13958)], trnL-UAA [complement(14315..14319)], ycf3 [17023..17148], ycf3 [17841..18068], ycf3 [18861..19013], rpoC1 [38258..38719], rpoC1 [39514..41154], atpF [49027..49170], atpF [49912..50322], trnG-UCC [complement(52523..52572)], trnG-UCC [complement(53256..53278)], rps16 [55963..56002], rps16 [56884..57113], clpP [complement(69655..69882)], clpP [complement(70634..70925)], clpP [complement(71630..71700)], petB [74610..74615], petB [75452..76093], petD [76296..76303], petD [77043..77517], rpl16 [complement(81332..81742)], rpl16 [complement(82897..82905)], rpl2 [complement(84554..84988)], rpl2 [complement(85671..86063)], ndhB [complement(95139..95894)], ndhB [complement(96597..97319)], trnI-GAU [102864..102905], trnI-GAU [103856..103890], trnA-UGC [103955..103992], trnA-UGC [104803..104837],	trnK-UUU [complement(1798..4387)], trnV-UAC [10085..10679], trnL-UAA [complement(13959..14314)], ycf3 [17149..17840], ycf3 [18069..18860], rpoC1 [38720..39513], atpF [49171..49911], trnG-UCC [complement(52573..53255)], rps16 [56003..56883], clpP [complement(69883..70633)], clpP [complement(70926..71629)], petB [74616..75451], petD [76304..77042], rpl16 [complement(81743..82896)], rpl2 [complement(84989..85670)], ndhB [complement(95895..96596)], trnI-GAU [102906..103855], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [117054..117617], ndhA [118895..119350], trnA-UGC [complement(133458..133492)], trnA-UGC [complement(134306..134340)], trnI-GAU [complement(134405..134439)], trnI-GAU [complement(135390..135431)], ndhB [140976..141698], ndhB [142401..143156], rpl2 [152232..152633], rpl2 [153313..153741]	[103993..104802], ndhA [117618..118894], trnA-UGC [complement(133493..134305)], trnI-GAU [complement(134440..135389)], ndhB [141699..142400], rpl2 [152634..153312]
583.	CACL	49	rps12 [complement(101981..102011)], rps12 [complement(102549..102780)], rps12 [complement(73941..74055)], rps16 [complement(5515..5712)], rps16 [complement(6605..6646)], atpF [complement(13454..13863)], atpF [complement(14614..14761)], rpoC1 [complement(22959..24575)], rpoC1 [complement(25395..25829)], ycf3 [complement(46421..46573)], ycf3 [complement(47349..47578)], ycf3 [complement(48295..48421)], rps12 [complement(73941..74055)], rps12 [145930..146163], rps12 [146698..146726], clpP [complement(74214..74441)], clpP [complement(75049..75342)], clpP [complement(76155..76223)], petB [79176..79181], petB [79975..80616], petD [80826..80834], petD [81455..81928], rpl16 [complement(85405..85803)], rpl16 [complement(86885..86893)], rpl2 [complement(88624..89093)], rpl2 [complement(89743..90136)], ndhB [complement(98915..99676)], ndhB [complement(100363..101139)], ndhA [complement(125357..125896)], ndhA [complement(127108..127659)], ndhB [147568..148344], ndhB [149031..149792], rpl2 [158571..158961], rpl2 [159614..160083]	rps16 [complement(5713..6604)], atpF [complement(13864..14613)], rpoC1 [complement(24576..25394)], ycf3 [complement(46574..47348)], ycf3 [complement(47579..48294)], clpP [complement(74442..75048)], clpP [complement(75343..76154)], petB [79182..79974], petD [80835..81454], rpl16 [complement(85804..86884)], rpl2 [complement(89094..89742)], ndhB [complement(99677..100362)], ndhA [complement(125897..127107)], ndhB [148345..149030], rpl2 [158962..159613]
584.	CACN	69	rps12 [complement(99419..99444)], rps12 [complement(99981..100212)], rps12 [complement(71346..71459)], trnK-UUU [complement(1665..1699)], trnK-UUU [complement(4171..4207)], rps16 [complement(5011..5237)], rps16 [complement(6075..6114)], trnG-UCC [9401..9424], trnG-UCC [10199..10246], atpF [complement(12163..12572)], atpF [complement(13283..13427)], rpoC1 [complement(21426..23030)], rpoC1 [complement(23745..24176)], ycf3 [complement(43784..43936)], ycf3 [complement(44656..44885)], ycf3 [complement(45621..45744)], trnL-UAA [48465..48499], trnL-UAA [48862..48911], trnV-UAC [complement(52827..52861)], trnV-UAC [complement(53455..53493)], rps12 [140610..140841], rps12 [141378..141403], clpP [complement(71606..71851)],	trnK-UUU [complement(1700..4170)], rps16 [complement(5238..6074)], trnG-UCC [9425..10198], atpF [complement(12573..13282)], rpoC1 [complement(23031..23744)], ycf3 [complement(43937..44655)], ycf3 [complement(44886..45620)], trnL-UAA [48500..48861], trnV-UAC [complement(52862..53454)], clpP [complement(71852..72470)], clpP [complement(72763..73534)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(72471..72762)], clpP [complement(73535..73605)], petB [76474..76479], petB [77249..77890], petD [78089..78096], petD [78796..79291], rpl16 [complement(82704..83102)], rpl16 [complement(84056..84064)], rpl2 [complement(85748..86178)], rpl2 [complement(86843..87233)], ndhB [complement(96350..97105)], ndhB [complement(97806..98582)], trnI-GAU [103466..103502], trnI-GAU [104455..104489], trnA-UGC [104554..104591], trnA-UGC [105390..105424], ndhA [complement(120976..121514)], ndhA [complement(122614..123166)], trnA-UGC [complement(135398..135432)], trnA-UGC [complement(136231..136268)], trnI-GAU [complement(136333..136367)], trnI-GAU [complement(137320..137356)], ndhB [142240..143016], ndhB [143717..144472]</p>	<p>[76480..77248], petD [78097..78795], rpl16 [complement(83103..84055)], rpl2 [complement(86179..86842)], ndhB [complement(97106..97805)], trnI-GAU [103503..104454], trnA-UGC [104592..105389], ndhA [complement(121515..122613)], trnA-UGC [complement(135433..136230)], trnI-GAU [complement(136368..137319)], ndhB [143017..143716]</p>
585.	CACO	55	<p>trnK-UUU [complement(1851..1885)], trnK-UUU [complement(4396..4432)], rps16 [complement(5268..5522)], rps16 [complement(6340..6414)], trnG-GCC [10269..10291], trnG-GCC [11020..11056], atpF [complement(13242..13619)], atpF [complement(14415..14597)], rpoC1 [complement(22729..24363)], rpoC1 [complement(25176..25637)], ycf3 [complement(47231..47368)], ycf3 [complement(48133..48378)], ycf3 [complement(49085..49225)], trnL-UAA [52375..52411], trnL-UAA [52894..52943], trnV-UAC [complement(56467..56503)], trnV-UAC [complement(57132..57169)], clpP [complement(75712..75945)], clpP [complement(76582..76890)], clpP [complement(77732..77830)], rpl2 [complement(90306..90836)], rpl2 [complement(91416..91832)], ndhB [complement(100558..101340)], ndhB [complement(101979..102770)], trnI-GAU [108016..108057], trnI-GAU [109008..109042], trnA-UGC [109107..109144], trnA-UGC [109945..109979], trnA-UGC [complement(140871..140905)], trnA-UGC [complement(141706..141743)], trnI-GAU [complement(141808..141842)], trnI-GAU [complement(142793..142834)], ndhB [148080..148871], ndhB [149510..150292], rpl2 [159018..159434], rpl2 [160014..160544]</p>	<p>trnK-UUU [complement(1886..4395)], rps16 [complement(5523..6339)], trnG-GCC [10292..11019], atpF [complement(13620..14414)], rpoC1 [complement(24364..25175)], ycf3 [complement(47369..48132)], ycf3 [complement(48379..49084)], trnL-UAA [52412..52893], trnV-UAC [complement(56504..57131)], clpP [complement(75946..76581)], clpP [complement(76891..77731)], rpl2 [complement(90837..91415)], ndhB [complement(101341..101978)], trnI-GAU [108058..109007], trnA-UGC [109145..109944], trnA-UGC [complement(140906..141705)], trnI-GAU [complement(141843..142792)], ndhB [148872..149509], rpl2 [159435..160013]</p>
586.	CACR	70	<p>rps12 [complement(100157..100182)], rps12 [complement(100719..100950)], rps12 [complement(72234..72347)], trnK-UUU [complement(1740..1774)],</p>	<p>trnK-UUU [complement(1775..4262)], rps16 [complement(5290..6147)], atpF</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4263..4299)], rps16 [complement(5065..5289)], rps16 [complement(6148..6186)], atpF [complement(12576..12983)], atpF [complement(13688..13846)], rpoC1 [complement(21785..23410)], rpoC1 [complement(24143..24577)], ycf3 [complement(44407..44559)], ycf3 [complement(45297..45524)], ycf3 [complement(46245..46370)], trnL-UAA [49637..49673], trnL-UAA [50197..50246], trnV-UAC [complement(53389..53425)], trnV-UAC [complement(54012..54050)], rps12 [complement(72234..72347)], rps12 [142703..142934], rps12 [143471..143496], clpP [complement(72497..72781)], clpP [complement(73324..73614)], clpP [complement(74411..74479)], petB [77388..77393], petB [78156..78812], petD [79001..79009], petD [79706..80230], rpl16 [complement(83706..84107)], rpl16 [complement(85126..85134)], rpl2 [complement(86762..87196)], rpl2 [complement(87864..88256)], ndhB [complement(97099..97854)], ndhB [complement(98534..99310)], trnI-GAU [104881..104922], trnI-GAU [105870..105904], trnA-UGC [105969..106006], trnA-UGC [106819..106853], ndhA [complement(122257..122796)], ndhA [complement(123889..124440)], trnA-UGC [complement(136800..136834)], trnA-UGC [complement(137647..137684)], trnI-GAU [complement(137749..137783)], trnI-GAU [complement(138731..138772)], ndhB [144343..145119], ndhB [145799..146554], rpl2 [155397..155786], rpl2 [156457..156891]	[complement(12984..13687)], rpoC1 [complement(23411..24142)], ycf3 [complement(44560..45296)], ycf3 [complement(45525..46244)], trnL-UAA [49674..50196], trnV-UAC [complement(53426..54011)], clpP [complement(72782..73323)], clpP [complement(73615..74410)], petB [77394..78155], petD [79010..79705], rpl16 [complement(84108..85125)], rpl2 [complement(87197..87863)], ndhB [complement(97855..98533)], trnI-GAU [104923..105869], trnA-UGC [106007..106818], ndhA [complement(122797..123888)], trnA-UGC [complement(136835..137646)], trnI-GAU [complement(137784..138730)], ndhB [145120..145798], rpl2 [155787..156456]
587.	CACS	73	rps12 [complement(100801..100826)], rps12 [complement(101363..101594)], rps12 [complement(72782..72895)], trnK-UUU [complement(1662..1696)], trnK-UUU [complement(4199..4235)], rps16 [complement(5091..5315)], rps16 [complement(6204..6242)], trnG-UCC [9820..9842], trnG-UCC [10523..10570], atpF [complement(12480..12887)], atpF [complement(13597..13755)], rpoC1 [complement(21726..23345)], rpoC1 [complement(24148..24582)], ycf3 [complement(44633..44785)], ycf3 [complement(45535..45762)], ycf3 [complement(46468..46593)], trnL-UAA [49814..49848], trnL-UAA [50369..50418], trnV-UAC [complement(54324..54360)], trnV-UAC [complement(54936..54974)], rps12 [complement(72782..72895)], rps12 [143756..143987], rps12	trnK-UUU [complement(1697..4198)], rps16 [complement(5316..6203)], trnG-UCC [9843..10522], atpF [complement(12888..13596)], rpoC1 [complement(23346..24147)], ycf3 [complement(44786..45534)], ycf3 [complement(45763..46467)], trnL-UAA [49849..50368], trnV-UAC [complement(54361..54935)], clpP [complement(73264..73932)], clpP [complement(74224..75027)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144524..144549], clpP [complement(73036..73263)], clpP [complement(73933..74223)], clpP [complement(75028..75096)], petB [77956..77961], petB [78720..79361], petD [79555..79562], petD [80319..80793], rpl16 [complement(84264..84665)], rpl16 [complement(85698..85706)], rpl2 [complement(87403..87837)], rpl2 [complement(88500..88892)], ndhB [complement(97753..98508)], ndhB [complement(99188..99964)], trnI-GAU [105506..105547], trnI-GAU [106489..106523], trnA-UGC [106588..106625], trnA-UGC [107438..107472], ndhA [complement(123320..123859)], ndhA [complement(124990..125541)], trnA-UGC [complement(137878..137912)], trnA-UGC [complement(138725..138762)], trnI-GAU [complement(138827..138861)], trnI-GAU [complement(139803..139844)], ndhB [145386..146162], ndhB [146842..147597], rpl2 [156458..156847], rpl2 [157513..157947]	[77962..78719], petD [79563..80318], rpl16 [complement(84666..85697)], rpl2 [complement(87838..88499)], ndhB [complement(98509..99187)], trnI-GAU [105548..106488], trnA-UGC [106626..107437], ndhA [complement(123860..124989)], trnA-UGC [complement(137913..138724)], trnI-GAU [complement(138862..139802)], ndhB [146163..146841], rpl2 [156848..157512]
588.	CACT	40	trnK-UUU [complement(1368..1402)], trnK-UUU [complement(4041..4077)], trnG-GCC [8444..8467], trnG-GCC [9159..9206], trnL-UAA [45665..45699], trnL-UAA [46237..46286], trnV-UAC [49721..49757], trnV-UAC [50360..50398], rps12 [138592..138617], trnI-GAU [100917..100953], trnI-GAU [101891..101925], trnA-UGC [101994..102031], trnA-UGC [102847..102881], trnA-UGC [complement(131905..131939)], trnA-UGC [complement(132755..132792)], trnI-GAU [complement(132861..132895)], trnI-GAU [complement(133833..133869)]	trnK-UUU [complement(1403..4040)], rps16 [complement(5005..5895)], trnG-GCC [8468..9158], atpF [complement(11551..12337)], rpoC1 [complement(21991..22747)], ycf3 [complement(41192..41905)], ycf3 [complement(42134..42795)], trnL-UAA [45700..46236], trnV-UAC [49758..50359], clpP [complement(68318..68904)], clpP [complement(69197..69975)], petB [72986..73794], petD [74673..75431], rpl16 [complement(79827..80787)], rpl2 [complement(83122..83799)], ndhB [complement(93926..94607)], trnI-GAU [100954..101890], trnA-UGC [102032..102846], ndhA [complement(118158..119199)], trnA-UGC [complement(131940..132754)], trnI-GAU [complement(132896..133832)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[140179..140860], rpl2 [150984..151664]
589.	CACU	72	rps12 [complement(99790..99815)], rps12 [complement(100352..100583)], rps12 [complement(71880..71993)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4264..4300)], rps16 [complement(5066..5290)], rps16 [complement(6150..6188)], trnG [9799..9821], trnG [10517..10564], atpF [complement(12582..12989)], atpF [complement(13694..13852)], rpoC1 [complement(21790..23415)], rpoC1 [complement(24148..24582)], ycf3 [complement(44097..44249)], ycf3 [complement(44987..45214)], ycf3 [complement(45935..46060)], trnL-UAA [49307..49343], trnL-UAA [49867..49916], trnV-UAC [complement(53056..53092)], trnV-UAC [complement(53671..53709)], rps12 [142330..142561], rps12 [143098..143123], clpP [complement(72143..72427)], clpP [complement(72968..73258)], clpP [complement(74055..74123)], petB [77031..77036], petB [77799..78455], petD [78644..78652], petD [79349..79873], rpl16 [complement(83345..83746)], rpl16 [complement(84765..84773)], rpl2 [complement(86395..86829)], rpl2 [complement(87497..87889)], ndhB [complement(96732..97487)], ndhB [complement(98167..98943)], trnI-GAU [104513..104554], trnI-GAU [105502..105536], trnA-UGC [105601..105638], trnA-UGC [106451..106485], ndhA [complement(121947..122486)], ndhA [complement(123571..124122)], trnA-UGC [complement(136428..136462)], trnA-UGC [complement(137275..137312)], trnI [complement(137377..137411)], trnI [complement(138359..138400)], ndhB [143970..144746], ndhB [145426..146181], rpl2 [155024..155413], rpl2 [156084..156518]	trnK-UUU [complement(1776..4263)], rps16 [complement(5291..6149)], trnG [9822..10516], atpF [complement(12990..13693)], rpoC1 [complement(23416..24147)], ycf3 [complement(44250..44986)], ycf3 [complement(45215..45934)], trnL-UAA [49344..49866], trnV-UAC [complement(53093..53670)], clpP [complement(72428..72967)], clpP [complement(73259..74054)], petB [77037..77798], petD [78653..79348], rpl16 [complement(83747..84764)], rpl2 [complement(86830..87496)], ndhB [complement(97488..98166)], trnI-GAU [104555..105501], trnA-UGC [105639..106450], ndhA [complement(122487..123570)], trnA-UGC [complement(136463..137274)], trnI [complement(137412..138358)], ndhB [144747..145425], rpl2 [155414..156083]
590.	CACV	65	rps12 [complement(97606..97631)], rps12 [complement(98168..98399)], rps12 [complement(70260..70373)], trnK [complement(2179..2213)], trnK [complement(4733..4769)], rps16 [complement(5442..5668)], rps16 [complement(6543..6582)], atpF [complement(12277..12677)], atpF [complement(13412..13556)], rpoC1 [complement(21556..23160)], rpoC1 [complement(23922..24374)], ycf3 [complement(43509..43661)], ycf3 [complement(44433..44662)], ycf3 [complement(45379..45502)], trnL-UAA [48459..48493], trnL-UAA [48950..48999], rps12 [140723..140954], rps12	trnK [complement(2214..4732)], rps16 [complement(5669..6542)], atpF [complement(12678..13411)], rpoC1 [complement(23161..23921)], ycf3 [complement(43662..44432)], ycf3 [complement(44663..45378)], trnL-UAA [48494..48949], clpP [complement(70750..71379)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141491..141516], clpP [complement(70519..70749)], clpP [complement(71380..71671)], clpP [complement(72507..72577)], petB [75526..75531], petB [76291..76932], petD [77112..77119], petD [77875..78349], rpl16 [complement(81846..82244)], rpl16 [complement(83196..83204)], rpl2 [complement(84896..85330)], rpl2 [complement(85982..86371)], ndhB [complement(94570..95325)], ndhB [complement(96008..96784)], trnI-GAU [102125..102166], trnI-GAU [103110..103144], trnA-UGC [103209..103246], trnA-UGC [104060..104094], ndhA [complement(120596..121135)], ndhA [complement(122227..122778)], trnI [complement(135028..135062)], trnI [complement(136956..136997)], trnA-UGC [complement(135876..135913)], ndhB [142338..143114], ndhB [143797..144552], rpl2 [152751..153140], rpl2 [153792..154226]	[complement(71672..72506)], petB [75532..76290], petD [77120..77874], rpl16 [complement(82245..83195)], rpl2 [complement(85331..85981)], ndhB [complement(95326..96007)], trnI-GAU [102167..103109], trnA-UGC [103247..104059], ndhA [complement(121136..122226)], trnI [complement(135063..136955)], trnA-UGC [complement(135063..135875)], ndhB [143115..143796], rpl2 [153141..153791]
591.	CACY	66	rps12 [complement(98978..99004)], rps12 [complement(99541..99771)], rps12 [complement(70025..70138)], trnK-UUU [complement(1687..1715)], trnK-UUU [complement(4321..4357)], trnG-UCC [7697..7718], trnG-UCC [8424..8474], atpF [complement(10354..10842)], atpF [complement(11485..11643)], rpoC1 [complement(19501..21126)], rpoC1 [complement(21881..22315)], ycf3 [complement(42431..42583)], ycf3 [complement(43312..43539)], ycf3 [complement(44260..44388)], trnL-UAA [46656..46691], trnL-UAA [47266..47320], trnV-UAC [complement(51320..51356)], trnV-UAC [complement(51975..52013)], rps12 [142978..143208], rps12 [143745..143771], clpP [complement(70324..70551)], clpP [complement(71244..71534)], clpP [complement(72372..72440)], petB [75434..75439], petB [76236..76877], rpl16 [complement(81886..82286)], rpl16 [complement(83423..83432)], rpl2 [complement(85276..85746)], rpl2 [complement(86376..86768)], ndhB [complement(95904..96659)], ndhB [complement(97349..98071)], trnI-GAU [103777..103818], trnI-GAU [104762..104796], trnA-UGC [104861..104898], trnA-UGC [105703..105737], ndhA [complement(122302..122847)], ndhA [complement(123926..124477)], trnA-UGC [complement(137012..137046)], trnA-UGC [complement(137851..137888)], trnI-GAU [complement(137953..137987)], trnI-GAU [complement(138931..138972)], ndhB [144678..145400], ndhB	trnK-UUU [complement(1716..4320)], trnG-UCC [7719..8423], atpF [complement(10843..11484)], rpoC1 [complement(21127..21880)], ycf3 [complement(42584..43311)], ycf3 [complement(43540..44259)], trnL-UAA [46692..47265], trnV-UAC [complement(51357..51974)], clpP [complement(70552..71243)], clpP [complement(71535..72371)], petB [75440..76235], rpl16 [complement(82287..83422)], rpl2 [complement(85747..86375)], ndhB [complement(96660..97348)], trnI-GAU [103819..104761], trnA-UGC [104899..105702], ndhA [complement(122848..123925)], trnA-UGC [complement(137047..137850)], trnI-GAU [complement(137988..138930)], ndhB [145401..146089], rpl2 [156374..157002]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146090..146845], rpl2 [155981..156373], rpl2 [157003..157473]	
592.	CADA	72	rps12 [complement(99700..99725)], rps12 [complement(100261..100492)], rps12 [complement(71814..71927)], trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4268..4304)], rps16 [complement(5069..5293)], rps16 [complement(6168..6206)], trnG [9815..9837], trnG [10528..10575], atpF [complement(12598..13005)], atpF [complement(13710..13868)], rpoC1 [complement(21379..23004)], rpoC1 [complement(23737..24171)], ycf3 [complement(43996..44148)], ycf3 [complement(44886..45113)], ycf3 [complement(45834..45959)], trnL-UAA [49228..49264], trnL-UAA [49785..49834], trnV-UAC [complement(52970..53006)], trnV-UAC [complement(53593..53631)], rps12 [142288..142519], rps12 [143056..143081], clpP [complement(72077..72361)], clpP [complement(72895..73185)], clpP [complement(73982..74050)], petB [76958..76963], petB [77726..78382], petD [78571..78579], petD [79276..79800], rpl16 [complement(83255..83656)], rpl16 [complement(84675..84683)], rpl2 [complement(86311..86745)], rpl2 [complement(87413..87805)], ndhB [complement(96648..97403)], ndhB [complement(98083..98853)], trnI-GAU [104412..104453], trnI-GAU [105401..105435], trnA-UGC [105500..105537], trnA-UGC [106350..106384], ndhA [complement(121828..122367)], ndhA [complement(123465..124016)], trnA-UGC [complement(136396..136430)], trnA-UGC [complement(137243..137280)], trnI-GAU [complement(137345..137379)], trnI-GAU [complement(138327..138368)], ndhB [143928..144698], ndhB [145378..146133], rpl2 [154976..155365], rpl2 [156036..156470]	trnK-UUU [complement(1775..4267)], rps16 [complement(5294..6167)], trnG [9838..10527], atpF [complement(13006..13709)], rpoC1 [complement(23005..23736)], ycf3 [complement(44149..44885)], ycf3 [complement(45114..45833)], trnL-UAA [49265..49784], trnV-UAC [complement(53007..53592)], clpP [complement(72362..72894)], clpP [complement(73186..73981)], petB [76964..77725], petD [78580..79275], rpl16 [complement(83657..84674)], rpl2 [complement(86746..87412)], ndhB [complement(97404..98082)], trnI-GAU [104454..105400], trnA-UGC [105538..106349], ndhA [complement(122368..123464)], trnA-UGC [complement(136431..137242)], trnI-GAU [complement(137380..138326)], ndhB [144699..145377], rpl2 [155366..156035]
593.	CADV	73	rps12 [complement(100525..100550)], rps12 [complement(101092..101323)], rps12 [complement(70682..70795)], trnK-UUU [complement(1587..1612)], trnK-UUU [complement(4496..4532)], rps16 [complement(5017..5252)], rps16 [complement(6200..6239)], trnG-GCC [9796..9818], trnG-GCC [10509..10556], atpF [complement(12477..12887)], atpF [complement(13832..13975)], rpoC1 [complement(21466..23082)], rpoC1 [complement(23849..24283)], ycf3 [complement(43396..43548)], ycf3 [complement(44319..44548)], ycf3 [complement(45268..45391)], trnL-UAA	trnK-UUU [complement(1613..4495)], rps16 [complement(5253..6199)], trnG-GCC [9819..10508], atpF [complement(12888..13831)], rpoC1 [complement(23083..23848)], ycf3 [complement(43549..44318)], ycf3 [complement(44549..45267)], trnL-UAA [48124..48908], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[48089..48123], trnL-UAA [48909..48958], trnV-UAC [complement(51387..51421)], trnV-UAC [complement(52005..52043)], rps12 [complement(70682..70795)], rps12 [138352..138583], rps12 [139125..139150], clpP [complement(70929..71180)], clpP [complement(71850..72140)], clpP [complement(73120..73188)], petB [76705..76710], petB [77447..78088], petD [78274..78281], petD [79125..79608], rpl16 [complement(83194..83592)], rpl16 [complement(84845..84853)], rpl2 [complement(86853..87284)], rpl2 [complement(87945..88331)], ndhB [complement(97444..98199)], ndhB [complement(98899..99675)], trnI-GAU [105397..105438], trnI-GAU [106378..106412], trnA-UGC [106477..106514], trnA-UGC [107316..107350], ndhA [complement(119190..119300)], ndhA [complement(119483..120058)], trnA-UGC [complement(132325..132359)], trnA-UGC [complement(133161..133198)], trnI-GAU [complement(133263..133297)], trnI-GAU [complement(134237..134278)], ndhB [140000..140776], ndhB [141476..142231], rpl2 [151344..151730], rpl2 [152391..152822]</p>	<p>[complement(51422..52004)], clpP [complement(71181..71849)], clpP [complement(72141..73119)], petB [76711..77446], petD [78282..79124], rpl16 [complement(83593..84844)], rpl2 [complement(87285..87944)], ndhB [complement(98200..98898)], trnI-GAU [105439..106377], trnA-UGC [106515..107315], ndhA [complement(119301..119482)], trnA-UGC [complement(132360..133160)], trnI-GAU [complement(133298..134236)], ndhB [140777..141475], rpl2 [151731..152390]</p>
594.	CAEC	58	<p>rps12 [complement(104278..104520)], rps12 [complement(75584..75697)], trnK-UUU [complement(1850..1884)], trnK-UUU [complement(4395..4431)], rps16 [complement(5254..5481)], rps16 [complement(6384..6425)], trnG-GCC [10271..10293], trnG-GCC [11028..11064], atpF [complement(13253..13663)], atpF [complement(14451..14594)], rpoC1 [complement(22747..24372)], rpoC1 [complement(25197..25631)], ycf3 [complement(47342..47494)], ycf3 [complement(48262..48489)], ycf3 [complement(49202..49327)], trnL-UAA [52489..52525], trnL-UAA [53008..53057], trnV-UAC [complement(56579..56615)], trnV-UAC [complement(57244..57281)], rps12 [146522..146764], clpP [complement(75861..76088)], clpP [complement(76735..77028)], clpP [complement(77879..77947)], petB [80899..80904], petB [81733..82374], rpl2 [complement(90443..90913)], rpl2 [complement(91562..91951)], ndhB [complement(100689..101444)], ndhB [complement(102125..102901)], trnI-GAU [108118..108159], trnI-GAU [109110..109144], trnA-UGC [109209..109246], trnA-UGC [110047..110081], trnA-UGC [complement(140961..140995)], trnA-UGC</p>	<p>trnK-UUU [complement(1885..4394)], rps16 [complement(5482..6383)], trnG-GCC [10294..11027], atpF [complement(13664..14450)], rpoC1 [complement(24373..25196)], ycf3 [complement(47495..48261)], ycf3 [complement(48490..49201)], trnL-UAA [52526..53007], trnV-UAC [complement(56616..57243)], clpP [complement(76089..76734)], clpP [complement(77029..77878)], petB [80905..81732], rpl2 [complement(90914..91561)], ndhB [complement(101445..102124)], trnI-GAU [108160..109109], trnA-UGC [109247..110046], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(141796..141833)], trnI-GAU [complement(141898..141932)], trnI-GAU [complement(142883..142924)], ndhB [148141..148917], ndhB [149598..150353]	[complement(140996..141795)], trnI-GAU [complement(141933..142882)], ndhB [148918..149597]
595.	CAEL	72	rps12 [complement(99875..99900)], rps12 [complement(100437..100668)], rps12 [complement(71962..72075)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4264..4300)], rps16 [complement(5066..5290)], rps16 [complement(6174..6212)], trnG [9818..9840], trnG [10536..10583], atpF [complement(12600..13007)], atpF [complement(13713..13871)], rpoC1 [complement(21809..23434)], rpoC1 [complement(24167..24601)], ycf3 [complement(44087..44239)], ycf3 [complement(44977..45204)], ycf3 [complement(45925..46050)], trnL-UAA [49342..49378], trnL-UAA [49902..49951], trnV-UAC [complement(53115..53151)], trnV-UAC [complement(53738..53776)], rps12 [142450..142681], rps12 [143218..143243], clpP [complement(72225..72509)], clpP [complement(73048..73338)], clpP [complement(74135..74203)], petB [77111..77116], petB [77879..78535], petD [78724..78732], petD [79429..79953], rpl16 [complement(83417..83818)], rpl16 [complement(84837..84845)], rpl2 [complement(86467..86901)], rpl2 [complement(87569..87961)], ndhB [complement(96817..97572)], ndhB [complement(98252..99028)], trnI-GAU [104588..104629], trnI-GAU [105577..105611], trnA-UGC [105676..105713], trnA-UGC [106526..106560], ndhA [complement(122046..122585)], ndhA [complement(123670..124221)], trnA-UGC [complement(136558..136592)], trnA-UGC [complement(137405..137442)], trnI-GAU [complement(137507..137541)], trnI-GAU [complement(138489..138530)], ndhB [144090..144866], ndhB [145546..146301], rpl2 [155157..155546], rpl2 [156217..156651]	trnK-UUU [complement(1776..4263)], rps16 [complement(5291..6173)], trnG [9841..10535], atpF [complement(13008..13712)], rpoC1 [complement(23435..24166)], ycf3 [complement(44240..44976)], ycf3 [complement(45205..45924)], trnL-UAA [49379..49901], trnV-UAC [complement(53152..53737)], clpP [complement(72510..73047)], clpP [complement(73339..74134)], petB [77117..77878], petD [78733..79428], rpl16 [complement(83819..84836)], rpl2 [complement(86902..87568)], ndhB [complement(97573..98251)], trnI-GAU [104630..105576], trnA-UGC [105714..106525], ndhA [complement(122586..123669)], trnA-UGC [complement(136593..137404)], trnI-GAU [complement(137542..138488)], ndhB [144867..145545], rpl2 [155547..156216]
596.	CAER	66	rps12 [complement(98486..98511)], rps12 [complement(99045..99276)], rps12 [complement(70484..70597)], trnK-UUU [complement(1723..1757)], trnK-UUU [complement(4258..4294)], rps16 [complement(4991..5201)], rps16 [complement(6086..6126)], trnG-UCC [8812..8834], trnG-UCC [9561..9608], atpF [complement(11442..11851)], atpF [complement(12580..12724)], rpoC1 [complement(20302..21909)], rpoC1 [complement(22698..23129)], ycf3	trnK-UUU [complement(1758..4257)], rps16 [complement(5202..6085)], trnG-UCC [8835..9560], atpF [complement(11852..12579)], rpoC1 [complement(21910..22697)], ycf3 [complement(42523..43297)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42370..42522)], ycf3 [complement(43298..43525)], ycf3 [complement(44265..44390)], trnL-UAA [47160..47196], trnL-UAA [47771..47820], trnV-UAC [complement(51712..51746)], trnV-UAC [complement(52334..52371)], rps12 [141675..141906], rps12 [142440..142465], clpP [complement(70891..71127)], clpP [complement(71725..72016)], clpP [complement(72920..72990)], petB [75948..75953], petB [76704..77345], petD [77566..77573], petD [78324..78798], rpl16 [complement(82190..82588)], rpl16 [complement(83697..83705)], ndhB [complement(95446..96201)], ndhB [complement(96870..97646)], trnI-GAU [102879..102915], trnI-GAU [103862..103896], trnA-UGC [103967..104004], trnA-UGC [104823..104857], ndhA [complement(121326..121864)], ndhA [complement(122943..123495)], trnA-UGC [complement(136094..136128)], trnA-UGC [complement(136947..136984)], trnI-GAU [complement(137055..137089)], trnI-GAU [complement(138036..138072)], ndhB [143305..144081], ndhB [144750..145505]	[complement(43526..44264)], trnL-UAA [47197..47770], trnV-UAC [complement(51747..52333)], clpP [complement(71128..71724)], clpP [complement(72017..72919)], petB [75954..76703], petD [77574..78323], rpl16 [complement(82589..83696)], ndhB [complement(96202..96869)], trnI-GAU [102916..103861], trnA-UGC [104005..104822], ndhA [complement(121865..122942)], trnA-UGC [complement(136129..136946)], trnI-GAU [complement(137090..138035)], ndhB [144082..144749]
597.	CAEX	73	rps12 [complement(100941..100966)], rps12 [complement(101503..101734)], rps12 [complement(72911..73027)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4385..4421)], rps16 [complement(5114..5340)], rps16 [complement(6206..6245)], trnG-UCC [9390..9412], trnG-UCC [10105..10152], atpF [complement(12113..12522)], atpF [complement(13218..13362)], rpoC1 [complement(21416..23029)], rpoC1 [complement(23772..24224)], ycf3 [complement(44042..44194)], ycf3 [complement(44939..45168)], ycf3 [complement(45913..46036)], trnL-UAA [49098..49132], trnL-UAA [49559..49608], trnV-UAC [complement(53779..53813)], trnV-UAC [complement(54388..54425)], rps12 [complement(72911..73027)], rps12 [142555..142786], rps12 [143323..143348], clpP [complement(73183..73410)], clpP [complement(74038..74329)], clpP [complement(75140..75210)], petB [78160..78165], petB [78925..79566], petD [79760..79767], petD [80510..80984], rpl16 [complement(84397..84792)], rpl16 [complement(85819..85827)], rpl2 [complement(87475..87908)], rpl2	trnK-UUU [complement(1883..4384)], rps16 [complement(5341..6205)], trnG-UCC [9413..10104], atpF [complement(12523..13217)], rpoC1 [complement(23030..23771)], ycf3 [complement(44195..44938)], ycf3 [complement(45169..45912)], trnL-UAA [49133..49558], trnV-UAC [complement(53814..54387)], clpP [complement(73411..74037)], clpP [complement(74330..75139)], petB [78166..78924], petD [79768..80509], rpl16 [complement(84793..85818)], rpl2 [complement(87909..88574)], ndhB [complement(98680..99358)], trnI-GAU [105505..106225], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88575..88965)], ndhB [complement(97924..98679)], ndhB [complement(99359..100135)], trnI-GAU [105468..105504], trnI-GAU [106226..106261], trnA-UGC [106326..106363], trnA-UGC [107175..107209], ndhA [complement(122305..122844)], ndhA [complement(123996..124547)], trnA-UGC [complement(137080..137114)], trnA-UGC [complement(137926..137963)], trnI-GAU [complement(138028..138062)], trnI-GAU [complement(138785..138821)], ndhB [144154..144930], ndhB [145610..146365], rpl2 [155324..155716], rpl2 [156380..156814]	[106364..107174], ndhA [complement(122845..123995)], trnA-UGC [complement(137115..137925)], trnI-GAU [complement(138063..138784)], ndhB [144931..145609], rpl2 [155717..156379]
598.	CAEY	73	rps12 [complement(103436..103461)], rps12 [complement(104009..104240)], rps12 [complement(75091..75204)], trnK [complement(1880..1914)], trnK [complement(4403..4439)], rps16 [complement(5492..5718)], rps16 [complement(6587..6626)], trnG [10189..10211], trnG [11049..11096], atpF [complement(13271..13680)], atpF [complement(14454..14598)], rpoC1 [complement(22747..24369)], rpoC1 [complement(25148..25600)], ycf3 [complement(46393..46545)], ycf3 [complement(47277..47506)], ycf3 [complement(48242..48365)], trnL [52211..52245], trnL [52766..52815], trnV [complement(56358..56391)], trnV [complement(57000..57038)], rps12 [complement(75091..75204)], rps12 [147210..147441], rps12 [147989..148014], clpP [complement(75395..75622)], clpP [complement(76241..76532)], clpP [complement(77502..77572)], petB [80451..80456], petB [81252..81893], petD [82086..82093], petD [82868..83342], rpl16 [complement(86803..87201)], rpl16 [complement(88197..88205)], rpl2 [complement(89890..90323)], rpl2 [complement(90987..91377)], ndhB [complement(100540..101301)], ndhB [complement(101984..102760)], trnI [108218..108254], trnI [109204..109238], trnA [109303..109340], trnA [110144..110178], ndhA [complement(126455..126993)], ndhA [complement(128102..128654)], trnA [complement(141272..141306)], trnA [complement(142110..142147)], trnI [complement(142212..142246)], trnI [complement(143196..143232)], ndhB [148690..149466], ndhB [150149..150910], rpl2 [160073..160463], rpl2 [161127..161560]	trnK [complement(1915..4402)], rps16 [complement(5719..6586)], trnG [10212..11048], atpF [complement(13681..14453)], rpoC1 [complement(24370..25147)], ycf3 [complement(46546..47276)], ycf3 [complement(47507..48241)], trnL [52246..52765], trnV [complement(56392..56999)], clpP [complement(75623..76240)], clpP [complement(76533..77501)], petB [80457..81251], petD [82094..82867], rpl16 [complement(87202..88196)], rpl2 [complement(90324..90986)], ndhB [complement(101302..101983)], trnI [108255..109203], trnA [109341..110143], ndhA [complement(126994..128101)], trnA [complement(141307..142109)], trnI [complement(142247..143195)], ndhB [149467..150148], rpl2 [160464..161126]
599.	CAFA	49	rps12 [complement(101947..101977)], rps12 [complement(102515..102746)],	rps16 [complement(5718..6609)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(73920..74034)], rps16 [complement(5520..5717)], rps16 [complement(6610..6651)], atpF [complement(13469..13878)], atpF [complement(14626..14773)], rpoC1 [complement(22985..24601)], rpoC1 [complement(25420..25854)], ycf3 [complement(46409..46561)], ycf3 [complement(47338..47567)], ycf3 [complement(48284..48410)], rps12 [complement(73920..74034)], rps12 [145261..145494], rps12 [146029..146057], clpP [complement(74173..74400)], clpP [complement(75010..75303)], clpP [complement(76115..76183)], petB [79139..79144], petB [79942..80583], petD [80793..80801], petD [81422..81895], rpl16 [complement(85376..85774)], rpl16 [complement(86850..86858)], rpl2 [complement(88590..89059)], rpl2 [complement(89709..90102)], ndhB [complement(98881..99642)], ndhB [complement(100329..101105)], ndhA [complement(124682..125221)], ndhA [complement(126421..126972)], ndhB [146899..147675], ndhB [148362..149123], rpl2 [157902..158292], rpl2 [158945..159414]	[complement(13879..14625)], rpoC1 [complement(24602..25419)], ycf3 [complement(46562..47337)], ycf3 [complement(47568..48283)], clpP [complement(74401..75009)], clpP [complement(75304..76114)], petB [79145..79941], petD [80802..81421], rpl16 [complement(85775..86849)], rpl2 [complement(89060..89708)], ndhB [complement(99643..100328)], ndhA [complement(125222..126420)], ndhB [147676..148361], rpl2 [158293..158944]
600.	CAFI	50	trnK-UUU [complement(1301..1335)], trnK-UUU [complement(3830..3866)], rps16 [complement(4583..4809)], rps16 [complement(5648..5690)], trnG-UCC [8808..8831], trnG-UCC [9580..9627], atpF [complement(11531..11940)], atpF [complement(12639..12783)], rpoC1 [complement(20159..21760)], rpoC1 [complement(22432..22863)], ycf3 [complement(42210..42362)], ycf3 [complement(43087..43314)], ycf3 [complement(44055..44180)], trnL-UAA [46819..46853], trnL-UAA [47345..47394], trnV-UAC [complement(48059..48093)], trnV-UAC [complement(48682..48720)], rps12 [111930..111955], clpP [complement(66553..66786)], clpP [complement(67454..67746)], clpP [complement(68495..68564)], petB [71461..71466], petB [72266..72907], petD [73112..73119], petD [73828..74302], rpl16 [complement(77762..78157)], rpl16 [complement(79091..79099)], rpl2 [complement(80800..81230)], rpl2 [complement(81892..82282)], trnA-UGC [complement(106042..106076)], trnA-UGC [complement(106887..106924)], trnI-GAU [complement(106989..107023)], trnI-GAU [complement(107983..108019)]	trnK-UUU [complement(1336..3829)], rps16 [complement(4810..5647)], trnG-UCC [8832..9579], atpF [complement(11941..12638)], rpoC1 [complement(21761..22431)], ycf3 [complement(42363..43086)], ycf3 [complement(43315..44054)], trnL-UAA [46854..47344], trnV-UAC [complement(48094..48681)], clpP [complement(66787..67453)], clpP [complement(67747..68494)], petB [71467..72265], petD [73120..73827], rpl16 [complement(78158..79090)], rpl2 [complement(81231..81891)], trnA-UGC [complement(106077..106886)], trnI-GAU [complement(107024..107982)]
601.	CAFL	2	rps12 [140351..140582], rps12 [141119..141144]	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
602.	CAFN	49	rps12 [complement(101701..101731)], rps12 [complement(102269..102500)], rps12 [complement(73693..73807)], rps16 [complement(5330..5527)], rps16 [complement(6420..6461)], atpF [complement(13290..13699)], atpF [complement(14446..14593)], rpoC1 [complement(22816..24432)], rpoC1 [complement(25252..25686)], ycf3 [complement(46295..46447)], ycf3 [complement(47224..47453)], ycf3 [complement(48170..48296)], rps12 [complement(73693..73807)], rps12 [145006..145239], rps12 [145774..145802], clpP [complement(73946..74173)], clpP [complement(74785..75078)], clpP [complement(75891..75959)], petB [78912..78917], petB [79711..80352], petD [80562..80570], petD [81191..81664], rpl16 [complement(85139..85537)], rpl16 [complement(86610..86618)], rpl2 [complement(88344..88813)], rpl2 [complement(89463..89856)], ndhB [complement(98635..99396)], ndhB [complement(100083..100859)], ndhA [complement(124454..124993)], ndhA [complement(126193..126744)], ndhB [146644..147420], ndhB [148107..148868], rpl2 [157647..158037], rpl2 [158690..159159]	rps16 [complement(5528..6419)], atpF [complement(13700..14445)], rpoC1 [complement(24433..25251)], ycf3 [complement(46448..47223)], ycf3 [complement(47454..48169)], clpP [complement(74174..74784)], clpP [complement(75079..75890)], petB [78918..79710], petD [80571..81190], rpl16 [complement(85538..86609)], rpl2 [complement(88814..89462)], ndhB [complement(99397..100082)], ndhA [complement(124994..126192)], ndhB [147421..148106], rpl2 [158038..158689]
603.	CAFO	53	rps12 [89749..89862], rps12 [66346..66577], rps12 [67098..67123], trnK [complement(1531..1565)], trnK [complement(4011..4047)], rps16 [complement(4738..4844)], rps16 [complement(5073..5112)], ycf3 [9103..9228], ycf3 [9943..10168], ycf3 [10868..11025], rpoC1 [27480..27921], rpoC1 [28663..30338], atpF [36932..37076], atpF [37727..38136], trnG [complement(40045..40092)], trnG [complement(40864..40886)], trnL [43368..43402], trnL [43883..43932], ndhA [complement(48710..49258)], ndhA [complement(49989..50546)], trnA [complement(60742..60776)], trnA [complement(61556..61593)], trnI [complement(61645..61679)], trnI [complement(62559..62595)], ndhB [67887..68609], ndhB [69285..70040], petB [101349..101353], petB [102134..102776], petD [102938..102945], petD [103601..104090], rpl16 [complement(107620..108030)], rpl16 [complement(108873..108881)], rpl2 [complement(110655..111085)], rpl2 [complement(111727..112126)], trnV [120885..120922], trnV [121449..121485]	trnK [complement(1566..4010)], rps16 [complement(4845..5072)], ycf3 [9229..9942], ycf3 [10169..10867], rpoC1 [27922..28662], atpF [37077..37726], trnG [complement(40093..40863)], trnL [43403..43882], ndhA [complement(49259..49988)], trnA [complement(60777..61555)], trnI [complement(61680..62558)], ndhB [68610..69284], petB [101354..102133], petD [102946..103600], rpl16 [complement(108031..108872)], rpl2 [complement(111086..111726)], trnV [120923..121448]
604.	CAFR	70	rps12 [complement(100937..100962)], rps12 [complement(101499..101730)],	trnK-UUU [complement(1877..4377)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(72939..73052)], trnK-UUU [complement(1842..1876)], trnK-UUU [complement(4378..4414)], rps16 [complement(5107..5333)], rps16 [complement(6199..6238)], trnG-UCC [9423..9445], trnG-UCC [10138..10185], atpF [complement(12145..12554)], atpF [complement(13250..13394)], rpoC1 [complement(21442..23055)], rpoC1 [complement(23798..24250)], ycf3 [complement(44098..44250)], ycf3 [complement(44995..45224)], ycf3 [complement(45970..46093)], trnL-UAA [49155..49189], trnL-UAA [49616..49665], trnV-UAC [complement(53818..53852)], trnV-UAC [complement(54427..54464)], clpP [complement(73208..73435)], clpP [complement(74063..74354)], clpP [complement(75167..75237)], petB [78182..78187], petB [78943..79584], petD [79778..79785], petD [80528..81002], rpl16 [complement(84424..84819)], rpl16 [complement(85846..85854)], rpl2 [complement(87520..87953)], rpl2 [complement(88620..89010)], ndhB [complement(97931..98686)], ndhB [complement(99366..100142)], trnI-GAU [105464..105505], trnI-GAU [106223..106257], trnA-UGC [106322..106359], trnA-UGC [107171..107205], ndhA [complement(122222..122760)], ndhA [complement(123920..124472)], trnA-UGC [complement(136993..137027)], trnA-UGC [complement(137839..137876)], trnI-GAU [complement(137941..137975)], trnI-GAU [complement(138698..138734)], ndhB [144056..144832], ndhB [145512..146267], rpl2 [155188..155578], rpl2 [156245..156678]</p>	<p>[complement(5334..6198)], trnG-UCC [9446..10137], atpF [complement(12555..13249)], rpoC1 [complement(23056..23797)], ycf3 [complement(44251..44994)], ycf3 [complement(45225..45969)], trnL-UAA [49190..49615], trnV-UAC [complement(53853..54426)], clpP [complement(73436..74062)], clpP [complement(74355..75166)], petB [78188..78942], petD [79786..80527], rpl16 [complement(84820..85845)], rpl2 [complement(87954..88619)], ndhB [complement(98687..99365)], trnI-GAU [105506..106222], trnA-UGC [106360..107170], ndhA [complement(122761..123919)], trnA-UGC [complement(137028..137838)], trnI-GAU [complement(137976..138697)], ndhB [144833..145511], rpl2 [155579..156244]</p>
605.	CAFU	73	<p>rps12 [complement(103871..103900)], rps12 [complement(104439..104672)], rps12 [complement(75773..75889)], trnK-UUU [complement(1651..1685)], trnK-UUU [complement(4250..4286)], rps16 [complement(5152..5372)], rps16 [complement(6198..6237)], trnG-UCC [10239..10261], trnG-UCC [11006..11054], atpF [complement(12978..13387)], atpF [complement(14139..14286)], rpoC1 [complement(22450..24078)], rpoC1 [complement(24846..25280)], ycf3 [complement(45870..46022)], ycf3 [complement(46830..47057)], ycf3 [complement(47790..47918)], trnL-UAA [50800..50835], trnL-UAA [51343..51393], trnV-UAC [complement(56183..56219)], trnV-UAC [complement(56803..56840)], trnI-UAU [complement(64427..64463)], trnI-UAU [complement(64568..64608)],</p>	<p>trnK-UUU [complement(1686..4249)], rps16 [complement(5373..6197)], trnG-UCC [10262..11005], atpF [complement(13388..14138)], rpoC1 [complement(24079..24845)], ycf3 [complement(46023..46829)], ycf3 [complement(47058..47789)], trnL-UAA [50836..51342], trnV-UAC [complement(56220..56802)], trnI-UAU [complement(64464..64567)], clpP [complement(76264..76887)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(75773..75889)], rps12 [145638..145871], rps12 [146410..146439], clpP [complement(76020..76263)], clpP [complement(76888..77181)], clpP [complement(77932..78002)], petB [80892..80897], petB [81685..82332], petD [82545..82550], petD [83199..83675], rpl2 [complement(90214..90644)], rpl2 [complement(91312..91696)], ndhB [complement(100794..101549)], ndhB [complement(102265..103041)], trnI-GAU [108426..108468], trnI-GAU [109425..109459], trnA-UGC [109523..109560], trnA-UGC [110371..110404], ndhA [complement(125255..125793)], ndhA [complement(126750..127299)], trnA-UGC [complement(139906..139939)], trnA-UGC [complement(140750..140787)], trnI-GAU [complement(140851..140885)], trnI-GAU [complement(141842..141884)], ndhB [147269..148045], ndhB [148761..149516], rpl2 [158614..158995], rpl2 [159666..160096]	[complement(77182..77931)], petB [80898..81684], petD [82551..83198], rpl2 [complement(90645..91311)], ndhB [complement(101550..102264)], trnI-GAU [108469..109424], trnA-UGC [109561..110370], ndhA [complement(125794..126749)], trnA-UGC [complement(139940..140749)], trnI-GAU [complement(140886..141841)], ndhB [148046..148760], rpl2 [158996..159665]
606.	CAGA	72	rps12 [complement(97689..97714)], rps12 [complement(98252..98483)], rps12 [complement(69287..69400)], trnK [complement(1698..1732)], trnK [complement(4302..4338)], rps16 [complement(5008..5234)], rps16 [complement(6120..6159)], trnG [8486..8508], trnG [9226..9274], atpF [complement(11382..11791)], atpF [complement(12507..12651)], rpoC1 [complement(20074..21684)], rpoC1 [complement(22487..22918)], ycf3 [complement(42006..42158)], ycf3 [complement(42941..43168)], ycf3 [complement(43885..44010)], trnL [46290..46320], trnL [46830..46879], trnV [complement(50925..50959)], trnV [complement(51559..51597)], rps12 [140035..140266], rps12 [140804..140829], clpP [complement(69580..69807)], clpP [complement(70364..70655)], clpP [complement(71531..71601)], petB [74555..74560], petB [75354..75995], petD [76184..76191], petD [76914..77388], rpl16 [complement(80882..81280)], rpl16 [complement(82352..82360)], rpl2 [complement(84048..84482)], rpl2 [complement(85165..85554)], ndhB [complement(94631..95392)], ndhB [complement(96078..96854)], trnI [102497..102533], trnI [103482..103516], trnA [103581..103618], trnA [104410..104444], ndhA [complement(119830..120359)], ndhA [complement(121437..121989)], trnA [complement(134074..134108)], trnA [complement(134900..134937)], trnI	trnK [complement(1733..4301)], rps16 [complement(5235..6119)], trnG [8509..9225], atpF [complement(11792..12506)], rpoC1 [complement(21685..22486)], ycf3 [complement(42159..42940)], ycf3 [complement(43169..43884)], trnL [46321..46829], trnV [complement(50960..51558)], clpP [complement(69808..70363)], clpP [complement(70656..71530)], petB [74561..75353], petD [76192..76913], rpl16 [complement(81281..82351)], rpl2 [complement(84483..85164)], ndhB [complement(95393..96077)], trnI [102534..103481], trnA [103619..104409], ndhA [complement(120360..121436)], trnA [complement(134109..134899)], trnI [complement(135037..135979)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(135002..135036)], trnI [complement(135980..136016)], ndhB [141664..142440], ndhB [143126..143887], rpl2 [152964..153353], rpl2 [154036..154470]	[142441..143125], rpl2 [153354..154035]
607.	CAGC	69	rps12 [complement(99210..99239)], rps12 [complement(99777..100007)], rps12 [complement(70983..71096)], rps16 [complement(5142..5351)], rps16 [complement(6249..6290)], trnS-CGA [8707..8729], trnS-CGA [9477..9514], atpF [complement(11692..12102)], atpF [complement(12855..12998)], rpoC1 [complement(21255..22880)], rpoC1 [complement(23757..24188)], ycf3 [complement(44480..44629)], ycf3 [complement(45384..45611)], ycf3 [complement(46322..46447)], trnL-UAA [49183..49217], trnL-UAA [49787..49836], trnV-UAC [complement(53174..53208)], trnV-UAC [complement(53848..53885)], rps12 [141486..141717], rps12 [142254..142279], clpP [complement(71282..71512)], clpP [complement(72111..72404)], clpP [complement(73282..73350)], petB [76331..76336], petB [77133..77774], petD [77974..77982], petD [78608..79081], rpl16 [complement(82664..83062)], rpl16 [complement(84129..84137)], rpl2 [complement(85897..86331)], rpl2 [complement(86996..87385)], ndhB [complement(96150..96911)], ndhB [complement(97599..98375)], trnI-GAU [103289..103325], trnI-GAU [104279..104313], trnA-UGC [104378..104415], trnA-UGC [105223..105257], ndhA [complement(121500..122038)], ndhA [complement(123107..123662)], trnA-UGC [complement(136236..136270)], trnA-UGC [complement(137078..137115)], trnI-GAU [complement(137180..137214)], trnI-GAU [complement(138168..138204)], ndhB [143118..143894], ndhB [144582..145343], rpl2 [154108..154497], rpl2 [155162..155596]	rps16 [complement(5352..6248)], trnS-CGA [8730..9476], atpF [complement(12103..12854)], rpoC1 [complement(22881..23756)], ycf3 [complement(44630..45383)], ycf3 [complement(45612..46321)], trnL-UAA [49218..49786], trnV-UAC [complement(53209..53847)], clpP [complement(71513..72110)], clpP [complement(72405..73281)], petB [76337..77132], petD [77983..78607], rpl16 [complement(83063..84128)], rpl2 [complement(86332..86995)], ndhB [complement(96912..97598)], trnI-GAU [103326..104278], trnA-UGC [104416..105222], ndhA [complement(122039..123106)], trnA-UGC [complement(136271..137077)], trnI-GAU [complement(137215..138167)], ndhB [143895..144581], rpl2 [154498..155161]
608.	CAGF	66	rps12 [complement(98177..98202)], rps12 [complement(98736..98967)], rps12 [complement(71085..71198)], trnK-UUU [complement(1776..1810)], trnK-UUU [complement(4308..4344)], rps16 [complement(5084..5294)], rps16 [complement(6182..6222)], trnG-UCC [8898..8920], trnG-UCC [9634..9681], atpF [complement(11550..11959)], atpF [complement(12676..12820)], rpoC1 [complement(20400..22010)], rpoC1 [complement(22807..23238)], ycf3 [complement(43235..43387)], ycf3 [complement(44181..44408)], ycf3	trnK-UUU [complement(1811..4307)], rps16 [complement(5295..6181)], trnG-UCC [8921..9633], atpF [complement(11960..12675)], rpoC1 [complement(22011..22806)], ycf3 [complement(43388..44180)], ycf3 [complement(44409..45159)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45160..45285)], trnL-UAA [48258..48294], trnL-UAA [48846..48895], trnV-UAC [complement(52770..52804)], trnV-UAC [complement(53396..53433)], rps12 [141411..141642], rps12 [142176..142201], clpP [complement(71343..71570)], clpP [complement(72163..72454)], clpP [complement(73355..73425)], petB [76381..76386], petB [77143..77784], petD [78010..78017], petD [78791..79265], rpl16 [complement(82672..83070)], rpl16 [complement(84180..84188)], ndhB [complement(95139..95894)], ndhB [complement(96563..97339)], trnI-GAU [102553..102589], trnI-GAU [103536..103570], trnA-UGC [103641..103678], trnA-UGC [104497..104531], ndhA [complement(121374..121912)], ndhA [complement(123010..123562)], trnA-UGC [complement(135847..135881)], trnA-UGC [complement(136700..136737)], trnI-GAU [complement(136808..136842)], trnI-GAU [complement(137789..137825)], ndhB [143039..143815], ndhB [144484..145239]	[48295..48845], trnV-UAC [complement(52805..53395)], clpP [complement(71571..72162)], clpP [complement(72455..73354)], petB [76387..77142], petD [78018..78790], rpl16 [complement(83071..84179)], ndhB [complement(95895..96562)], trnI-GAU [102590..103535], trnA-UGC [103679..104496], ndhA [complement(121913..123009)], trnA-UGC [complement(135882..136699)], trnI-GAU [complement(136843..137788)], ndhB [143816..144483]
609.	CAGG	40	trnK-UUU [complement(1360..1394)], trnK-UUU [complement(4006..4042)], trnG-GCC [8388..8411], trnG-GCC [9103..9150], trnL-UAA [45625..45659], trnL-UAA [46197..46246], trnV-UAC [complement(49690..49726)], trnV-UAC [complement(50323..50361)], rps12 [138782..138807], trnI-GAU [100938..100974], trnI-GAU [101912..101946], trnA-UGC [102015..102052], trnA-UGC [102868..102902], trnA-UGC [complement(132096..132130)], trnA-UGC [complement(132946..132983)], trnI-GAU [complement(133052..133086)], trnI-GAU [complement(134024..134060)]	trnK-UUU [complement(1395..4005)], rps16 [complement(4964..5854)], trnG-GCC [8412..9102], atpF [complement(11487..12270)], rpoC1 [complement(21932..22687)], ycf3 [complement(41141..41854)], ycf3 [complement(42083..42744)], trnL-UAA [45660..46196], trnV-UAC [complement(49727..50322)], clpP [complement(68290..68872)], clpP [complement(69165..69948)], petB [72959..73767], petD [75368..75407], rpl16 [complement(79808..80768)], rpl2 [complement(83174..83851)], ndhB [complement(93948..94629)], trnI-GAU [100975..101911], trnA-UGC [102053..102867], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(118265..119305)], trnA-UGC [complement(132131..132945)], trnI-GAU [complement(133087..134023)], ndhB [140369..141050], rpl2 [151144..151824]
610.	CAGI	23	ycf3 [complement(2988..3140)], ycf3 [complement(3900..4127)], ycf3 [complement(4896..5021)], trnL-UAA [7868..7904], trnL-UAA [8358..8407], rps12 [complement(29079..29195)], rps12 [83224..83340], rps12 [71753..71995], trnI-GAU [complement(67087..67121)], trnI-GAU [complement(68069..68110)], trnK-UUU [complement(76028..76062)], trnK- UUU [complement(78569..78605)], rps16 [complement(78945..79139)], rps16 [complement(80021..80068)], atpF [complement(86149..86568)], atpF [complement(87304..87459)]	ycf3 [complement(3141..3899)], ycf3 [complement(4128..4895)], trnL-UAA [7905..8357], trnI-GAU [complement(67122..68068)], trnK-UUU [complement(76063..78568)], rps16 [complement(79140..80020)], atpF [complement(86569..87303)]
611.	CAGL	73	rps12 [complement(100947..100972)], rps12 [complement(101509..101740)], rps12 [complement(72920..73033)], trnK-UUU [complement(1849..1883)], trnK-UUU [complement(4386..4422)], rps16 [complement(5115..5341)], rps16 [complement(6207..6246)], trnG-UCC [9391..9413], trnG-UCC [10106..10153], atpF [complement(12139..12548)], atpF [complement(13244..13388)], rpoC1 [complement(21442..23055)], rpoC1 [complement(23798..24250)], ycf3 [complement(44068..44220)], ycf3 [complement(44965..45194)], ycf3 [complement(45939..46062)], trnL-UAA [49124..49158], trnL-UAA [49585..49634], trnV-UAC [complement(53798..53832)], trnV-UAC [complement(54407..54444)], rps12 [complement(72920..73033)], rps12 [142567..142798], rps12 [143335..143360], clpP [complement(73189..73416)], clpP [complement(74044..74335)], clpP [complement(75146..75216)], petB [78166..78171], petB [78931..79572], petD [79766..79773], petD [80516..80990], rpl16 [complement(84403..84798)], rpl16 [complement(85825..85833)], rpl2 [complement(87481..87914)], rpl2 [complement(88581..88971)], ndhB [complement(97930..98685)], ndhB [complement(99365..100141)], trnI-GAU [105474..105510], trnI-GAU [106232..106267], trnA-UGC [106332..106369], trnA-UGC [107181..107215], ndhA [complement(122311..122850)], ndhA [complement(124002..124553)],	trnK-UUU [complement(1884..4385)], rps16 [complement(5342..6206)], trnG-UCC [9414..10105], atpF [complement(12549..13243)], rpoC1 [complement(23056..23797)], ycf3 [complement(44221..44964)], ycf3 [complement(45195..45938)], trnL-UAA [49159..49584], trnV-UAC [complement(53833..54406)], clpP [complement(73417..74043)], clpP [complement(74336..75145)], petB [78172..78930], petD [79774..80515], rpl16 [complement(84799..85824)], rpl2 [complement(87915..88580)], ndhB [complement(98686..99364)], trnI-GAU [105511..106231], trnA-UGC [106370..107180], ndhA [complement(122851..124001)], trnA-UGC [complement(137127..137937)], trnI-GAU [complement(138075..138796)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(137092..137126)], trnA-UGC [complement(137938..137975)], trnI-GAU [complement(138040..138074)], trnI-GAU [complement(138797..138833)], ndhB [144166..144942], ndhB [145622..146377], rpl2 [155336..155726], rpl2 [156393..156826]	[144943..145621], rpl2 [155727..156392]
612.	CAGN	67	rps12 [complement(100675..100917)], rps12 [complement(72212..72325)], trnK-UUU [complement(1745..1779)], trnK-UUU [complement(4275..4311)], rps16 [complement(5077..5303)], rps16 [complement(6154..6193)], trnG-GCC [9793..9815], trnG-GCC [10521..10557], atpF [complement(12580..12990)], atpF [complement(13707..13850)], rpoC1 [complement(21782..23398)], rpoC1 [complement(24140..24574)], ycf3 [complement(44397..44549)], ycf3 [complement(45293..45520)], ycf3 [complement(46243..46368)], trnL-UAA [49626..49662], trnL-UAA [50186..50235], trnV-UAC [complement(53386..53422)], trnV-UAC [complement(54009..54047)], rps12 [142707..142949], clpP [complement(72475..72702)], clpP [complement(73300..73590)], clpP [complement(74387..74455)], petB [77363..77368], petB [78146..78787], rpl16 [complement(83677..84075)], rpl16 [complement(85093..85101)], rpl2 [complement(86729..87163)], rpl2 [complement(87834..88223)], ndhB [complement(97066..97821)], ndhB [complement(98501..99277)], trnI-GAU [104829..104870], trnI-GAU [105818..105852], trnA-UGC [105917..105954], trnA-UGC [106767..106801], ndhA [complement(122289..122828)], ndhA [complement(123925..124476)], trnA-UGC [complement(136823..136857)], trnA-UGC [complement(137670..137707)], trnI-GAU [complement(137772..137806)], trnI-GAU [complement(138754..138795)], ndhB [144347..145123], ndhB [145803..146558], rpl2 [155401..155791], rpl2 [156462..156895]	trnK-UUU [complement(1780..4274)], rps16 [complement(5304..6153)], trnG-GCC [9816..10520], atpF [complement(12991..13706)], rpoC1 [complement(23399..24139)], ycf3 [complement(44550..45292)], ycf3 [complement(45521..46242)], trnL-UAA [49663..50185], trnV-UAC [complement(53423..54008)], clpP [complement(72703..73299)], clpP [complement(73591..74386)], petB [77369..78145], rpl16 [complement(84076..85092)], rpl2 [complement(87164..87833)], ndhB [complement(97822..98500)], trnI-GAU [104871..105817], trnA-UGC [105955..106766], ndhA [complement(122829..123924)], trnA-UGC [complement(136858..137669)], trnI-GAU [complement(137807..138753)], ndhB [145124..145802], rpl2 [155792..156461]
613.	CAGR	70	rps12 [complement(100727..100969)], rps12 [complement(72244..72357)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4263..4299)], rps16 [complement(5055..5281)], rps16 [complement(6144..6183)], trnG-GCC [9801..9823], trnG-GCC [10529..10565], atpF [complement(12585..12995)], atpF [complement(13712..13855)], rpoC1 [complement(21794..23410)], rpoC1 [complement(24152..24586)], ycf3 [complement(44445..44597)], ycf3 [complement(45335..45562)], ycf3 [complement(46283..46408)], trnL-UAA	trnK-UUU [complement(1776..4262)], rps16 [complement(5282..6143)], trnG-GCC [9824..10528], atpF [complement(12996..13711)], rpoC1 [complement(23411..24151)], ycf3 [complement(44598..45334)], ycf3 [complement(45563..46282)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49629..49665], trnL-UAA [50189..50238], trnV-UAC [complement(53379..53415)], trnV-UAC [complement(54002..54040)], rps12 [142815..143057], clpP [complement(72507..72734)], clpP [complement(73332..73620)], clpP [complement(74417..74487)], petB [77390..77395], petB [78173..78814], petD [79003..79010], petD [79759..80233], rpl16 [complement(83706..84104)], rpl16 [complement(85127..85135)], rpl2 [complement(86763..87197)], rpl2 [complement(87868..88257)], ndhB [complement(97118..97873)], ndhB [complement(98553..99329)], trnI-GAU [104899..104940], trnI-GAU [105888..105922], trnA-UGC [105987..106024], trnA-UGC [106837..106871], ndhA [complement(122370..122909)], ndhA [complement(123994..124545)], trnA-UGC [complement(136913..136947)], trnA-UGC [complement(137760..137797)], trnI-GAU [complement(137862..137896)], trnI-GAU [complement(138843..138884)], ndhB [144455..145231], ndhB [145911..146666], rpl2 [155527..155917], rpl2 [156588..157021]	[49666..50188], trnV-UAC [complement(53416..54001)], clpP [complement(72735..73331)], clpP [complement(73621..74416)], petB [77396..78172], petD [79011..79758], rpl16 [complement(84105..85126)], rpl2 [complement(87198..87867)], ndhB [complement(97874..98552)], trnI-GAU [104941..105887], trnA-UGC [106025..106836], ndhA [complement(122910..123993)], trnA-UGC [complement(136948..137759)], trnI-GAU [complement(137897..138842)], ndhB [145232..145910], rpl2 [155918..156587]
614.	CAGT	70	rps12 [complement(108027..108269)], rps12 [complement(79463..79576)], trnK-UUU [complement(1850..1884)], trnK-UUU [complement(4384..4420)], rps16 [complement(5195..5421)], rps16 [complement(6259..6298)], trnG-UCC [9396..9418], trnG-UCC [10096..10132], atpF [complement(12016..12425)], atpF [complement(13131..13275)], rpoC1 [complement(25799..27406)], rpoC1 [complement(28172..28624)], ycf3 [complement(48929..49081)], ycf3 [complement(49877..50104)], ycf3 [complement(50858..50983)], trnL-UAA [53906..53942], trnL-UAA [54425..54474], trnV-UAC [complement(58544..58580)], trnV-UAC [complement(59166..59203)], rps12 [152032..152274], clpP [complement(79705..80040)], clpP [complement(80741..81019)], clpP [complement(81775..81840)], petB [84743..84748], petB [85536..86177], petD [86370..86377], petD [87090..87564], rpl16 [complement(91257..91655)], rpl16 [complement(92688..92696)], rpl2 [complement(94435..94868)], rpl2 [complement(95508..95898)], ndhB [complement(104445..105200)], ndhB [complement(105885..106661)], trnI-GAU [111939..111980], trnI-GAU [112930..112964], trnA-UGC [113028..113065], trnA-UGC [113883..113917],	trnK-UUU [complement(1885..4383)], rps16 [complement(5422..6258)], trnG-UCC [9419..10095], atpF [complement(12426..13130)], rpoC1 [complement(27407..28171)], ycf3 [complement(49082..49876)], ycf3 [complement(50105..50857)], trnL-UAA [53943..54424], trnV-UAC [complement(58581..59165)], clpP [complement(80041..80740)], clpP [complement(81020..81774)], petB [84749..85535], petD [86378..87089], rpl16 [complement(91656..92687)], rpl2 [complement(94869..95507)], ndhB [complement(105201..105884)], trnI-GAU [111981..112929], trnA-UGC [113066..113882], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(130953..131491)], ndhA [complement(132553..133105)], trnA-UGC [complement(146384..146418)], trnA-UGC [complement(147236..147273)], trnI-GAU [complement(147337..147371)], trnI-GAU [complement(148321..148362)], ndhB [153640..154416], ndhB [155101..155856], rpl2 [164403..164793], rpl2 [165433..165866]	[complement(131492..132552)], trnA-UGC [complement(146419..147235)], trnI-GAU [complement(147372..148320)], ndhB [154417..155100], rpl2 [164794..165432]
615.	CAGU	73	rps12 [complement(101415..101440)], rps12 [complement(101977..102208)], rps12 [complement(73029..73154)], trnK [complement(1873..1907)], trnK [complement(4449..4485)], rps16 [complement(5357..5583)], rps16 [complement(6453..6492)], trnG [10178..10200], trnG [10911..10959], atpF [complement(12949..13358)], atpF [complement(14122..14266)], rpoC1 [complement(22455..24065)], rpoC1 [complement(24835..25266)], ycf3 [complement(44835..44987)], ycf3 [complement(45782..46009)], ycf3 [complement(46740..46865)], trnL [50167..50201], trnL [50732..50781], trnV [complement(54278..54314)], trnV [complement(54905..54943)], rps12 [complement(73029..73154)], rps12 [144321..144552], rps12 [145089..145114], clpP [complement(73306..73533)], clpP [complement(74191..74482)], clpP [complement(75334..75404)], petB [78304..78309], petB [79117..79758], petD [79968..79975], petD [80688..81165], rpl16 [complement(84676..85077)], rpl16 [complement(85998..86006)], rpl2 [complement(87662..88096)], rpl2 [complement(88778..89170)], ndhB [complement(98358..99113)], ndhB [complement(99795..100571)], trnI [106111..106152], trnI [107107..107141], trnA [107212..107249], trnA [108090..108124], ndhA [complement(124048..124587)], ndhA [complement(125686..126237)], trnA [complement(138405..138439)], trnA [complement(139280..139317)], trnI [complement(139388..139422)], trnI [complement(140377..140418)], ndhB [145958..146734], ndhB [147416..148171], rpl2 [157359..157751], rpl2 [158433..158867]	trnK [complement(1908..4448)], rps16 [complement(5584..6452)], trnG [10201..10910], atpF [complement(13359..14121)], rpoC1 [complement(24066..24834)], ycf3 [complement(44988..45781)], ycf3 [complement(46010..46739)], trnL [50202..50731], trnV [complement(54315..54904)], clpP [complement(73534..74190)], clpP [complement(74483..75333)], petB [78310..79116], petD [79976..80687], rpl16 [complement(85078..85997)], rpl2 [complement(88097..88777)], ndhB [complement(99114..99794)], trnI [106153..107106], trnA [107250..108089], ndhA [complement(124588..125685)], trnA [complement(138440..139279)], trnI [complement(139423..140376)], ndhB [146735..147415], rpl2 [157752..158432]
616.	CAGY	72	rps12 [complement(99809..99834)], rps12 [complement(100371..100602)], rps12 [complement(71909..72022)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4264..4300)], rps16 [complement(5066..5292)], rps16 [complement(6165..6204)], trnG-UCC [9818..9840], trnG-UCC	trnK-UUU [complement(1776..4263)], rps16 [complement(5293..6164)], trnG-UCC [9841..10535], atpF [complement(13013..13717)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10536..10583], atpF [complement(12603..13012)], atpF [complement(13718..13862)], rpoC1 [complement(21793..23409)], rpoC1 [complement(24154..24606)], ycf3 [complement(44116..44268)], ycf3 [complement(45006..45233)], ycf3 [complement(45953..46078)], trnL-UAA [49328..49362], trnL-UAA [49888..49937], trnV-UAC [complement(53079..53113)], trnV-UAC [complement(53702..53740)], rps12 [142311..142542], rps12 [143079..143104], clpP [complement(72172..72399)], clpP [complement(72996..73287)], clpP [complement(74081..74151)], petB [77069..77074], petB [77846..78487], petD [78676..78683], petD [79431..79905], rpl16 [complement(83373..83771)], rpl16 [complement(84793..84801)], rpl2 [complement(86429..86862)], rpl2 [complement(87533..87923)], ndhB [complement(96751..97506)], ndhB [complement(98186..98962)], trnI-GAU [104516..104552], trnI-GAU [105505..105539], trnA-UGC [105604..105641], trnA-UGC [106454..106488], ndhA [complement(121881..122420)], ndhA [complement(123517..124068)], trnA-UGC [complement(136425..136459)], trnA-UGC [complement(137272..137309)], trnI-GAU [complement(137374..137408)], trnI-GAU [complement(138361..138397)], ndhB [143951..144727], ndhB [145407..146162], rpl2 [154990..155380], rpl2 [156051..156484]	[complement(23410..24153)], ycf3 [complement(44269..45005)], ycf3 [complement(45234..45952)], trnL-UAA [49363..49887], trnV-UAC [complement(53114..53701)], clpP [complement(72400..72995)], clpP [complement(73288..74080)], petB [77075..77845], petD [78684..79430], rpl16 [complement(83772..84792)], rpl2 [complement(86863..87532)], ndhB [complement(97507..98185)], trnI-GAU [104553..105504], trnA-UGC [105642..106453], ndhA [complement(122421..123516)], trnA-UGC [complement(136460..137271)], trnI-GAU [complement(137409..138360)], ndhB [144728..145406], rpl2 [155381..156050]
617.	CAHA	58	rps12 [complement(104240..104482)], rps12 [complement(75517..75630)], trnK-UUU [complement(1855..1889)], trnK-UUU [complement(4400..4439)], rps16 [complement(5267..5494)], rps16 [complement(6397..6438)], trnG-GCC [10313..10335], trnG-GCC [11063..11099], atpF [complement(13285..13695)], atpF [complement(14501..14644)], rpoC1 [complement(22766..24391)], rpoC1 [complement(25217..25651)], ycf3 [complement(47399..47551)], ycf3 [complement(48318..48545)], ycf3 [complement(49262..49387)], trnL-UAA [52533..52569], trnL-UAA [53052..53101], trnV-UAC [complement(56556..56592)], trnV-UAC [complement(57221..57258)], rps12 [146478..146720], clpP [complement(75794..76021)], clpP [complement(76671..76964)], clpP [complement(77834..77902)], petB [80851..80856], petB [81683..82324], rpl2 [complement(90388..90858)], rpl2 [complement(91507..91896)], ndhB [complement(100640..101395)], ndhB	trnK-UUU [complement(1890..4399)], rps16 [complement(5495..6396)], trnG-GCC [10336..11062], atpF [complement(13696..14500)], rpoC1 [complement(24392..25216)], ycf3 [complement(47552..48317)], ycf3 [complement(48546..49261)], trnL-UAA [52570..53051], trnV-UAC [complement(56593..57220)], clpP [complement(76022..76670)], clpP [complement(76965..77833)], petB [80857..81682], rpl2 [complement(90859..91506)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(102076..102852)], trnI-GAU [108093..108134], trnI-GAU [109085..109119], trnA-UGC [109184..109221], trnA-UGC [110022..110056], trnA-UGC [complement(140904..140938)], trnA-UGC [complement(141739..141776)], trnI-GAU [complement(141841..141875)], trnI-GAU [complement(142826..142867)], ndhB [148108..148884], ndhB [149565..150320]	[complement(101396..102075)], trnI-GAU [108135..109084], trnA-UGC [109222..110021], trnA-UGC [complement(140939..141738)], trnI-GAU [complement(141876..142825)], ndhB [148885..149564]
618.	CAHB	49	rps12 [complement(101625..101655)], rps12 [complement(102193..102424)], rps12 [complement(73568..73682)], rps16 [complement(5526..5723)], rps16 [complement(6616..6657)], atpF [complement(13438..13847)], atpF [complement(14597..14744)], rpoC1 [complement(22954..24570)], rpoC1 [complement(25398..25832)], ycf3 [complement(46103..46255)], ycf3 [complement(47032..47261)], ycf3 [complement(47978..48104)], rps12 [complement(73568..73682)], rps12 [144979..145212], rps12 [145747..145775], clpP [complement(73821..74048)], clpP [complement(74660..74953)], clpP [complement(75765..75833)], petB [78786..78791], petB [79589..80230], petD [80440..80448], petD [81069..81542], rpl16 [complement(85025..85423)], rpl16 [complement(86499..86507)], rpl2 [complement(88238..88707)], rpl2 [complement(89357..89750)], ndhB [complement(98559..99320)], ndhB [complement(100007..100783)], ndhA [complement(124422..124961)], ndhA [complement(126153..126704)], ndhB [146617..147393], ndhB [148080..148841], rpl2 [157650..158045], rpl2 [158695..159162]	rps16 [complement(5724..6615)], atpF [complement(13848..14596)], rpoC1 [complement(24571..25397)], ycf3 [complement(46256..47031)], ycf3 [complement(47262..47977)], clpP [complement(74049..74659)], clpP [complement(74954..75764)], petB [78792..79588], petD [80449..81068], rpl16 [complement(85424..86498)], rpl2 [complement(88708..89356)], ndhB [complement(99321..100006)], ndhA [complement(124962..126152)], ndhB [147394..148079], rpl2 [158046..158694]
619.	CAHE	42	rps12 [complement(75680..75793)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4364..4400)], trnG-GCC [10568..10590], trnG-GCC [11299..11347], trnL-UAA [52595..52629], trnL-UAA [53114..53163], trnV-UAC [complement(56694..56728)], trnV-UAC [complement(57359..57396)], rps12 [complement(75680..75793)], rps12 [147390..147415], trnI-GAU [108208..108244], trnI-GAU [109200..109234], trnA-UGC [109299..109336], trnA-UGC [110137..110171], trnA-UGC [complement(141031..141065)], trnA-UGC [complement(141866..141903)], trnI-GAU [complement(141968..142002)], trnI-GAU [complement(142958..142994)]	trnK-UUU [complement(1865..4363)], rps16 [complement(5691..6601)], trnG-GCC [10591..11298], atpF [complement(13944..14747)], rpoC1 [complement(24669..25497)], ycf3 [complement(47564..48331)], ycf3 [complement(48560..49280)], trnL-UAA [52630..53113], trnV-UAC [complement(56729..57358)], clpP [complement(76185..76823)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(77118..77969)], petB [80988..81820], petD [82680..83297], rpl16 [complement(87632..88739)], rpl2 [complement(90918..91601)], ndhB [complement(101486..102165)], trnI-GAU [108245..109199], trnA-UGC [109337..110136], ndhA [complement(126865..127915)], trnA-UGC [complement(141066..141865)], trnI-GAU [complement(142003..142957)], ndhB [149037..149716], rpl2 [159601..160284]
620.	CAIL	31	atpF [complement(13195..13605)], atpF [complement(14354..14500)], rpoC1 [complement(22820..24445)], rpoC1 [complement(25257..25712)], ycf3 [complement(47107..47262)], ycf3 [complement(48053..48280)], ycf3 [complement(49001..49126)], clpP [complement(75732..75959)], clpP [complement(76574..76867)], clpP [complement(77715..77783)], rpl2 [complement(90113..90583)], rpl2 [complement(91243..91635)], ndhb [complement(100456..101217)], ndhb [complement(101889..102680)], ndhA [complement(125980..126516)], ndhA [complement(127709..128263)], ndhb [148182..148973], ndhb [149645..150406], rpl2 [159227..159616], rpl2 [160279..160749]	atpF [complement(13606..14353)], rpoC1 [complement(24446..25256)], ycf3 [complement(47263..48052)], ycf3 [complement(48281..49000)], clpP [complement(75960..76573)], clpP [complement(76868..77714)], rpl2 [complement(90584..91242)], ndhb [complement(101218..101888)], ndhA [complement(126517..127708)], ndhb [148974..149644], rpl2 [159617..160278]
621.	CAIM	73	rps12 [complement(100080..100105)], rps12 [complement(100642..100873)], rps12 [complement(72162..72275)], trnK-UUU [complement(1742..1776)], trnK-UUU [complement(4259..4295)], rps16 [complement(5061..5285)], rps16 [complement(6139..6177)], trnG [9781..9803], trnG [10499..10546], atpF [complement(12559..12966)], atpF [complement(13671..13829)], rpoC1 [complement(21762..23387)], rpoC1 [complement(24120..24554)], ycf3 [complement(44377..44529)], ycf3 [complement(45267..45494)], ycf3 [complement(46215..46340)], trnL-UAA [49606..49642], trnL-UAA [50161..50210], trnV-UAC [complement(53350..53386)], trnV-UAC [complement(53973..54011)], rps12 [complement(72162..72275)], rps12 [142598..142829], rps12 [143366..143391], clpP [complement(72425..72709)],	trnK-UUU [complement(1777..4258)], rps16 [complement(5286..6138)], trnG [9804..10498], atpF [complement(12967..13670)], rpoC1 [complement(23388..24119)], ycf3 [complement(44530..45266)], ycf3 [complement(45495..46214)], trnL-UAA [49643..50160], trnV-UAC [complement(53387..53972)], clpP [complement(72710..73248)], clpP [complement(73540..74335)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(73249..73539)], clpP [complement(74336..74404)], petB [77318..77323], petB [78086..78742], petD [78931..78939], petD [79636..80160], rpl16 [complement(83629..84030)], rpl16 [complement(85049..85057)], rpl2 [complement(86685..87119)], rpl2 [complement(87787..88179)], ndhB [complement(97022..97777)], ndhB [complement(98457..99233)], trnI-GAU [104803..104844], trnI-GAU [105787..105821], trnA-UGC [105886..105923], trnA-UGC [106736..106770], ndhA [complement(122173..122712)], ndhA [complement(123791..124342)], trnA-UGC [complement(136701..136735)], trnA-UGC [complement(137548..137585)], trnI-GAU [complement(137650..137684)], trnI-GAU [complement(138627..138668)], ndhB [144238..145014], ndhB [145694..146449], rpl2 [155292..155681], rpl2 [156352..156786]</p>	<p>[77324..78085], petD [78940..79635], rpl16 [complement(84031..85048)], rpl2 [complement(87120..87786)], ndhB [complement(97778..98456)], trnI-GAU [104845..105786], trnA-UGC [105924..106735], ndhA [complement(122713..123790)], trnA-UGC [complement(136736..137547)], trnI-GAU [complement(137685..138626)], ndhB [145015..145693], rpl2 [155682..156351]</p>
622.	CAIP	72	<p>rps12 [complement(98512..98537)], rps12 [complement(99075..99306)], rps12 [complement(70059..70172)], trnK-UUU [complement(1688..1722)], trnK-UUU [complement(4282..4318)], rps16 [complement(4988..5214)], rps16 [complement(6098..6137)], trnG-UCC [8576..8598], trnG-UCC [9315..9363], atpF [complement(11488..11897)], atpF [complement(12612..12756)], rpoC1 [complement(20245..21855)], rpoC1 [complement(22650..23081)], ycf3 [complement(42556..42708)], ycf3 [complement(43491..43718)], ycf3 [complement(44440..44565)], trnL-UAA [46953..46989], trnL-UAA [47487..47536], trnV-UAC [complement(51570..51606)], trnV-UAC [complement(52209..52247)], rps12 [141016..141247], rps12 [141785..141810], clpP [complement(70357..70584)], clpP [complement(71158..71449)], clpP [complement(72347..72417)], petB [75381..75386], petB [76181..76822], petD [77020..77027], petD [77738..78212], rpl16 [complement(81659..82057)], rpl16 [complement(83168..83176)], rpl2 [complement(84871..85305)], rpl2 [complement(85988..86377)], ndhB [complement(95454..96215)], ndhB [complement(96901..97623)], trnI-GAU [103324..103365], trnI-GAU [104307..104341], trnA-UGC [104406..104443], trnA-UGC [105244..105278], ndhA [complement(120743..121272)], ndhA [complement(122345..122897)], trnA-UGC [complement(135044..135078)], trnA-UGC</p>	<p>trnK-UUU [complement(1723..4281)], rps16 [complement(5215..6097)], trnG-UCC [8599..9314], atpF [complement(11898..12611)], rpoC1 [complement(21856..22649)], ycf3 [complement(42709..43490)], ycf3 [complement(43719..44439)], trnL-UAA [46990..47486], trnV-UAC [complement(51607..52208)], clpP [complement(70585..71157)], clpP [complement(71450..72346)], petB [75387..76180], petD [77028..77737], rpl16 [complement(82058..83167)], rpl2 [complement(85306..85987)], ndhB [complement(96216..96900)], trnI-GAU [103366..104306], trnA-UGC [104444..105243], ndhA [complement(121273..122344)], trnA-UGC [complement(135079..135878)], trnI-GAU [complement(136016..136956)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(135879..135916)], trnI-GAU [complement(135981..136015)], trnI-GAU [complement(136957..136998)], ndhB [142699..143421], ndhB [144107..144868], rpl2 [153945..154334], rpl2 [155017..155451]	[143422..144106], rpl2 [154335..155016]
623.	CAJA	49	rps12 [complement(100310..100552)], rps12 [complement(71794..71973)], trnK-UUU [complement(1733..1758)], trnK-UUU [complement(4256..4292)], rps16 [complement(5058..5282)], rps16 [complement(6132..6179)], atpF [complement(12582..13019)], rpoC1 [complement(21402..23027)], rpoC1 [complement(23760..24194)], ycf3 [complement(44030..44182)], trnL-UAA [49277..49313], trnL-UAA [49837..49886], trnV-UAC [complement(53037..53073)], trnV-UAC [complement(53660..53698)], rps12 [142312..142554], clpP [complement(72123..72407)], rpl2 [complement(86364..86798)], ndhB [complement(96701..97456)], trnI-GAU [104482..104523], trnI-GAU [105472..105506], trnA-UGC [105571..105608], trnA-UGC [106421..106455], ndhA [complement(121855..122394)], ndhA [complement(123493..124056)], trnA-GCG [complement(136409..136443)], trnA-GCG [complement(137256..137293)], trnI-GAU [complement(137358..137392)], trnI-GAU [complement(138341..138382)], ndhB [145408..146163], rpl2 [156066..156500]	trnK-UUU [complement(1759..4255)], rps16 [complement(5283..6131)], atpF [complement(13020..13693)], rpoC1 [complement(23028..23759)], ycf3 [complement(44183..44929)], ycf3 [complement(45158..45877)], trnL-UAA [49314..49836], trnV-UAC [complement(53074..53659)], clpP [complement(72408..72946)], clpP [complement(73238..74033)], rpl2 [complement(86799..87465)], ndhB [complement(97457..98135)], trnI-GAU [104524..105471], trnA-UGC [105609..106420], ndhA [complement(122395..123492)], trnA-GCG [complement(136444..137255)], trnI-GAU [complement(137393..138340)], ndhB [144729..145407], rpl2 [155399..156065]
624.	CAKO	52	rps12 [complement(98769..99026)], rps12 [complement(70558..70671)], trnK-UUU [complement(1840..1868)], trnK-UUU [complement(4357..4393)], trnV-UAC [9981..10019], trnV-UAC [10594..10630], trnL-CAA [complement(13975..14024)], trnL-CAA [complement(14575..14611)], ycf3 [17880..18005], ycf3 [18719..18946], ycf3 [19821..19973], rpoC1 [40012..40443], rpoC1 [41232..42854], atpF [50773..50940], atpF [51601..52011], trnG-UCC [complement(54158..54206)], trnG-UCC [complement(54889..54911)], clpP [complement(71437..71667)], clpP [complement(72336..72698)], petB [75659..75664], petB [76483..77124], petD [77329..77336], petD [78054..78528], rpl16 [complement(82720..83118)], rpl16 [complement(84173..84181)], rpl2 [complement(86174..86608)], rpl2	trnK-UUU [complement(1869..4356)], trnV-UAC [10020..10593], trnL-CAA [complement(14025..14574)], ycf3 [18006..18718], ycf3 [18947..19820], rpoC1 [40444..41231], atpF [50941..51600], trnG-UCC [complement(54207..54888)], clpP [complement(71668..72335)], petB [75665..76482], petD [77337..78053], rpl16 [complement(83119..84172)], rpl2 [complement(86609..87293)], ndhB [complement(96462..97146)], trnI-AUC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87294..87689)], ndhB [complement(95700..96461)], ndhB [complement(97147..97869)], trnI-AUC [102662..102698], trnI-AUC [103650..103684], trnA-UGC [103750..103787], trnA-UGC [104600..104634], ndhA [117105..117656], ndhA [118826..119365]	[102699..103649], trnA-UGC [103788..104599], ndhA [117657..118825]
625.	CAK W	76	rps12 [complement(103300..103329)], rps12 [complement(103867..104097)], rps12 [complement(75256..75369)], trnK-UUU [complement(1585..1619)], trnK-UUU [complement(4175..4211)], rps16 [complement(5244..5471)], rps16 [complement(6378..6416)], trnG-GCC [10239..10261], trnG-GCC [10977..11023], atpF [complement(13262..13672)], atpF [complement(14436..14579)], rpoC1 [complement(22869..24494)], rpoC1 [complement(25317..25748)], ycf3 [complement(46992..47144)], ycf3 [complement(47937..48164)], ycf3 [complement(48885..49010)], trnL-UAA [52092..52128], trnL-UAA [52653..52702], trnV-UAC [complement(56227..56263)], trnV-UAC [complement(56879..56916)], rps12 [complement(75256..75369)], rps12 [161031..161262], rps12 [161799..161824], clpP [complement(75546..75773)], clpP [complement(76387..76680)], clpP [complement(77529..77597)], petB [80548..80553], petB [81372..82013], petD [82224..82232], petD [82857..83330], rpl16 [complement(86870..87268)], rpl16 [complement(88188..88196)], rpl2 [complement(89917..90351)], rpl2 [complement(91044..91433)], ndhB [complement(100254..101015)], ndhB [complement(101702..102478)], trnI-GAU [107862..107903], trnI-GAU [108854..108888], trnA-UGC [108953..108990], trnA-UGC [109797..109831], ndhA [122368..122918], ndhA [124105..124645], ndhA [complement(140483..141022)], ndhA [complement(142209..142760)], trnA-UGC [complement(155297..155331)], trnA-UGC [complement(156138..156175)], trnI-GAU [complement(156240..156274)], trnI-GAU [complement(157230..157266)], ndhB [162650..163426], ndhB [164113..164874], rpl2 [173695..174084], rpl2 [174777..175211]	trnK-UUU [complement(1620..4174)], rps16 [complement(5472..6377)], trnG-GCC [10262..10976], atpF [complement(13673..14435)], rpoC1 [complement(24495..25316)], ycf3 [complement(47145..47936)], ycf3 [complement(48165..48884)], trnL-UAA [52129..52652], trnV-UAC [complement(56264..56878)], clpP [complement(75774..76386)], clpP [complement(76681..77528)], petB [80554..81371], petD [82233..82856], rpl16 [complement(87269..88187)], rpl2 [complement(90352..91043)], ndhB [complement(101016..101701)], trnI-GAU [107904..108853], trnA-UGC [108991..109796], ndhA [122919..124104], ndhA [complement(141023..142208)], trnA-UGC [complement(155332..156137)], trnI-GAU [complement(156275..157229)], ndhB [163427..164112], rpl2 [174085..174776]
626.	CAKZ	49	rps12 [complement(100080..100337)], rps12 [complement(70390..70503)], trnK-UUU [complement(1825..1853)], trnK-UUU [complement(4348..4384)], trnV-UAC [10027..10065], trnV-UAC [10638..10674], trnL-CAA	trnK-UUU [complement(1854..4347)], trnV-UAC [10066..10637], trnL-CAA [complement(14077..14633)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(14027..14076)], trnL-CAA [complement(14634..14670)], ycf3 [17731..17856], ycf3 [18570..18797], ycf3 [19689..19841], rpoC1 [39976..40407], rpoC1 [41193..42815], atpF [50817..50984], atpF [51660..52070], clpP [complement(71009..71239)], clpP [complement(72089..72451)], petB [75431..75436], petB [76259..76900], petD [77104..77112], petD [77842..78315], rpl16 [complement(82527..82925)], rpl16 [complement(83871..83879)], rpl2 [complement(87016..87450)], rpl2 [complement(88140..88526)], ndhB [complement(97016..97777)], ndhB [complement(98458..99180)], trnI-AUC [104497..104533], trnI-AUC [105490..105524], trnA-UGC [105589..105626], trnA-UGC [106435..106469], ndhA [119162..119713], ndhA [120908..121447]	[17857..18569], ycf3 [18798..19688], rpoC1 [40408..41192], atpF [50985..51659], clpP [complement(71240..72088)], petB [75437..76258], petD [77113..77841], rpl16 [complement(82926..83870)], rpl2 [complement(87451..88139)], ndhB [complement(97778..98457)], trnI-AUC [104534..105489], trnA-UGC [105627..106434], ndhA [119714..120907]
627.	CALA	73	rps12 [complement(100815..100840)], rps12 [complement(101377..101608)], rps12 [complement(72775..72888)], trnK-UUU [complement(1662..1696)], trnK-UUU [complement(4194..4230)], rps16 [complement(5083..5307)], rps16 [complement(6202..6240)], trnG-UCC [9819..9841], trnG-UCC [10522..10569], atpF [complement(12476..12883)], atpF [complement(13593..13751)], rpoC1 [complement(21739..23358)], rpoC1 [complement(24162..24596)], ycf3 [complement(44652..44804)], ycf3 [complement(45554..45781)], ycf3 [complement(46487..46612)], trnL-UAA [49833..49867], trnL-UAA [50385..50434], trnV-UAC [complement(54335..54371)], trnV-UAC [complement(54946..54984)], rps12 [complement(72775..72888)], rps12 [143795..144026], rps12 [144563..144588], clpP [complement(73029..73256)], clpP [complement(73929..74219)], clpP [complement(75026..75094)], petB [77973..77978], petB [78734..79375], petD [79569..79576], petD [80339..80813], rpl16 [complement(84284..84685)], rpl16 [complement(85718..85726)], rpl2 [complement(87417..87851)], rpl2 [complement(88514..88906)], ndhB [complement(97767..98522)], ndhB [complement(99202..99978)], trnI-GAU [105520..105561], trnI-GAU [106503..106537], trnA-UGC [106602..106639], trnA-UGC [107452..107486], ndhA [complement(123361..123900)], ndhA [complement(125029..125580)], trnA-UGC [complement(137917..137951)], trnA-UGC	trnK-UUU [complement(1697..4193)], rps16 [complement(5308..6201)], trnG-UCC [9842..10521], atpF [complement(12884..13592)], rpoC1 [complement(23359..24161)], ycf3 [complement(44805..45553)], ycf3 [complement(45782..46486)], trnL-UAA [49868..50384], trnV-UAC [complement(54372..54945)], clpP [complement(73257..73928)], clpP [complement(74220..75025)], petB [77979..78733], petD [79577..80338], rpl16 [complement(84686..85717)], rpl2 [complement(87852..88513)], ndhB [complement(98523..99201)], trnI-GAU [105562..106502], trnA-UGC [106640..107451], ndhA [complement(123901..125028)], trnA-UGC [complement(137952..138763)], trnI-GAU [complement(138901..139841)], ndhB [146202..146880], rpl2 [156887..157551]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(138764..138801)], trnI-GAU [complement(138866..138900)], trnI-GAU [complement(139842..139883)], ndhB [145425..146201], ndhB [146881..147636], rpl2 [156497..156886], rpl2 [157552..157986]	
628.	CALE	70	rps12 [complement(100718..100960)], rps12 [complement(72233..72346)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4265..4301)], rps16 [complement(5068..5294)], rps16 [complement(6151..6190)], trnG-GCC [9802..9824], trnG-GCC [10530..10566], atpF [complement(12586..12996)], atpF [complement(13713..13856)], rpoC1 [complement(21792..23408)], rpoC1 [complement(24150..24584)], ycf3 [complement(44448..44600)], ycf3 [complement(45338..45565)], ycf3 [complement(46285..46410)], trnL-UAA [49638..49674], trnL-UAA [50199..50248], trnV-UAC [complement(53389..53425)], trnV-UAC [complement(54012..54050)], rps12 [142790..143032], clpP [complement(72496..72723)], clpP [complement(73319..73607)], clpP [complement(74405..74475)], petB [77382..77387], petB [78165..78806], petD [78995..79002], petD [79751..80225], rpl16 [complement(83697..84095)], rpl16 [complement(85118..85126)], rpl2 [complement(86754..87188)], rpl2 [complement(87859..88248)], ndhB [complement(97109..97864)], ndhB [complement(98544..99320)], trnI-GAU [104890..104931], trnI-GAU [105879..105913], trnA-UGC [105978..106015], trnA-UGC [106828..106862], ndhA [complement(122360..122899)], ndhA [complement(123978..124529)], trnA-UGC [complement(136888..136922)], trnA-UGC [complement(137735..137772)], trnI-GAU [complement(137837..137871)], trnI-GAU [complement(138818..138859)], ndhB [144430..145206], ndhB [145886..146641], rpl2 [155502..155892], rpl2 [156563..156996]	trnK-UUU [complement(1776..4264)], rps16 [complement(5295..6150)], trnG-GCC [9825..10529], atpF [complement(12997..13712)], rpoC1 [complement(23409..24149)], ycf3 [complement(44601..45337)], ycf3 [complement(45566..46284)], trnL-UAA [49675..50198], trnV-UAC [complement(53426..54011)], clpP [complement(72724..73318)], clpP [complement(73608..74404)], petB [77388..78164], petD [79003..79750], rpl16 [complement(84096..85117)], rpl2 [complement(87189..87858)], ndhB [complement(97865..98543)], trnI-GAU [104932..105878], trnA-UGC [106016..106827], ndhA [complement(122900..123977)], trnA-UGC [complement(136923..137734)], trnI-GAU [complement(137872..138817)], ndhB [145207..145885], rpl2 [155893..156562]
629.	CALI	69	rps12 [complement(98709..98734)], rps12 [complement(99287..99515)], rps12 [complement(70245..70358)], trnK-UUU [complement(1302..1336)], trnK-UUU [complement(4029..4065)], trnG-UCC [9320..9342], trnG-UCC [10037..10084], atpF [complement(12082..12492)], atpF [complement(13288..13431)], rpoC1 [complement(20987..22613)], rpoC1 [complement(23327..23754)], ycf3 [complement(42770..42928)], ycf3 [complement(43630..43860)], ycf3 [complement(44587..44712)], trnL-UAA	trnK-UUU [complement(1337..4028)], trnG-UCC [9343..10036], atpF [complement(12493..13287)], rpoC1 [complement(22614..23326)], ycf3 [complement(42929..43629)], ycf3 [complement(43861..44586)], trnL-UAA [47437..48045], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47402..47436], trnL-UAA [48046..48095], trnV-UAC [complement(51514..51550)], trnV-UAC [complement(52168..52206)], rps12 [141243..141471], rps12 [142024..142049], clpP [complement(70503..70754)], clpP [complement(71405..71695)], clpP [complement(72424..72492)], petB [75405..75410], petB [76219..76860], petD [77066..77071], petD [77888..78403], rpl16 [complement(81819..82217)], rpl16 [complement(83221..83229)], rpl2 [complement(85213..85644)], rpl2 [complement(86300..86692)], ndhB [complement(95606..96361)], ndhB [complement(97079..97855)], trnI-GAU [103295..103336], trnI-GAU [104283..104317], trnA-UGC [104389..104426], trnA-UGC [105235..105269], ndhA [117510..118061], ndhA [119140..119679], trnA-UGC [complement(135489..135523)], trnA-UGC [complement(136332..136369)], trnI-GAU [complement(136441..136475)], trnI-GAU [complement(137422..137463)], ndhB [142903..143679], ndhB [144397..145152], rpl2 [154066..154458], rpl2 [155114..155545]	[complement(51551..52167)], clpP [complement(70755..71404)], clpP [complement(71696..72423)], petB [75411..76218], petD [77072..77887], rpl16 [complement(82218..83220)], rpl2 [complement(85645..86299)], ndhB [complement(96362..97078)], trnI-GAU [103337..104282], trnA-UGC [104427..105234], ndhA [118062..119139], trnA-UGC [complement(135524..136331)], trnI-GAU [complement(136476..137421)], ndhB [143680..144396], rpl2 [154459..155113]
630.	CALL	48	rps12 [complement(100285..100527)], rps12 [complement(70401..70514)], trnK-UUU [complement(1548..1581)], trnK-UUU [complement(4457..4493)], trnG-GCC [9633..9655], trnG-GCC [10363..10399], atpF [complement(12392..12802)], atpF [complement(13751..13894)], rpoC1 [complement(21371..22987)], rpoC1 [complement(23744..24178)], ycf3 [complement(43772..43924)], ycf3 [complement(44702..44929)], ycf3 [complement(45648..45773)], trnL-UAA [complement(48271..48305)], trnL-UAA [complement(48899..48948)], trnV-UAC [complement(51170..51215)], trnV-UAC [complement(51794..51832)], clpP [complement(70655..70906)], clpP [complement(71578..71868)], clpP [complement(72831..72899)], rpl2 [complement(86332..86763)], rpl2 [complement(87423..87809)], trnI-GAU [103747..103788], trnI-GAU [104725..104759], trnA-UGC [104824..104861], trnA-UGC [105663..105697], trnA-UGC [complement(127072..127106)], trnA-UGC [complement(127908..127945)], trnI-GAU [complement(128010..128044)], trnI-GAU [complement(128981..129022)], rpl2 [144942..145328], rpl2 [145990..146421]	trnK-UUU [complement(1582..4456)], trnG-GCC [9656..10362], atpF [complement(12803..13750)], rpoC1 [complement(22988..23743)], ycf3 [complement(43925..44701)], ycf3 [complement(44930..45647)], trnL-UAA [complement(48306..48898)], trnV-UAC [complement(51216..51793)], clpP [complement(70907..71577)], clpP [complement(71869..72830)], rpl2 [complement(86764..87422)], trnI-GAU [103789..104724], trnA-UGC [104862..105662], trnA-UGC [complement(127107..127907)], trnI-GAU [complement(128045..128980)], rpl2 [145329..145989]
631.	CALY	50	rps12 [complement(100274..100299)], rps12 [complement(72404..72517)],	trnK-UUU [complement(1850..4349)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(1815..1849)], trnK-UUU [complement(4350..4386)], rps16 [complement(5103..5329)], trnG-GCC [9364..9386], trnG-GCC [10082..10129], atpF [complement(12077..12547)], rpoC1 [complement(23732..24187)], ycf3 [complement(43945..44097)], trnL-UAA [48732..48768], trnL-UAA [49264..49313], trnV-UAC [complement(53294..53330)], trnV-UAC [complement(53900..53937)], rps12 [complement(72404..72517)], rps12 [142330..142561], rps12 [143104..143123], clpP [complement(72656..72883)], petB [77628..77633], petB [78387..79028], ndhB [complement(97256..98011)], trnI-GAU [104824..104865], trnI-GAU [105583..105617], trnA-UGC [105682..105719], trnA-UGC [106531..106565], trnA-UGC [complement(136832..136866)], trnA-UGC [complement(137678..137715)], trnI-GAU [complement(137780..137814)], trnI-GAU [complement(138532..138573)]	[complement(5330..6187)], trnG-GCC [9387..10081], atpF [complement(12548..13167)], rpoC1 [complement(23002..23731)], ycf3 [complement(44098..44847)], ycf3 [complement(45076..45812)], trnL-UAA [48769..49263], trnV-UAC [complement(53331..53899)], clpP [complement(72884..73514)], clpP [complement(73806..74614)], petB [77634..78386], rpl16 [complement(84269..85285)], rpl2 [complement(87384..88046)], ndhB [complement(98012..98690)], trnI-GAU [104866..105582], trnA-UGC [105720..106530], ndhA [complement(122651..123803)], trnA-UGC [complement(136867..137677)], trnI-GAU [complement(137815..138531)], ndhB [144707..145385]
632.	CAM A	1	rps12 [141854..141879]	-
633.	CAM B	73	rps12 [complement(101976..102005)], rps12 [complement(102543..102773)], rps12 [complement(73954..74067)], trnK-UUU [complement(1846..1880)], trnK-UUU [complement(4414..4450)], rps16 [complement(5519..5734)], rps16 [complement(6609..6650)], trnS-CGA [10439..10461], trnS-CGA [11190..11227], atpF [complement(13470..13880)], atpF [complement(14631..14774)], rpoC1 [complement(22982..24607)], rpoC1 [complement(25420..25851)], ycf3 [complement(46436..46588)], ycf3 [complement(47365..47592)], ycf3 [complement(48312..48437)], trnL-UAA [51038..51072], trnL-UAA [51605..51654], trnV-UAC [complement(55304..55338)], trnV-UAC [complement(55980..56017)], rps12	trnK-UUU [complement(1881..4413)], rps16 [complement(5735..6608)], trnS-CGA [10462..11189], atpF [complement(13881..14630)], rpoC1 [complement(24608..25419)], ycf3 [complement(46589..47364)], ycf3 [complement(47593..48311)], trnL-UAA [51073..51604], trnV-UAC [complement(55339..55979)], clpP [complement(74434..75042)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73954..74067)], rps12 [145231..145462], rps12 [145999..146024], clpP [complement(74206..74433)], clpP [complement(75043..75336)], clpP [complement(76148..76216)], petB [79171..79176], petB [79974..80615], petD [80825..80833], petD [81454..81927], rpl16 [complement(85405..85803)], rpl16 [complement(86879..86887)], rpl2 [complement(88619..89053)], rpl2 [complement(89742..90131)], ndhB [complement(98910..99671)], ndhB [complement(100358..101134)], trnI-GAU [106556..106592], trnI-GAU [107548..107582], trnA-UGC [107647..107684], trnA-UGC [108493..108527], ndhA [complement(124650..125188)], ndhA [complement(126392..126947)], trnA-UGC [complement(139477..139511)], trnA-UGC [complement(140320..140357)], trnI-GAU [complement(140422..140456)], trnI-GAU [complement(141412..141448)], ndhB [146870..147646], ndhB [148333..149094], rpl2 [157873..158262], rpl2 [158951..159385]	[complement(75337..76147)], petB [79177..79973], petD [80834..81453], rpl16 [complement(85804..86878)], rpl2 [complement(89054..89741)], ndhB [complement(99672..100357)], trnI-GAU [106593..107547], trnA-UGC [107685..108492], ndhA [complement(125189..126391)], trnA-UGC [complement(139512..140319)], trnI-GAU [complement(140457..141411)], ndhB [147647..148332], rpl2 [158263..158950]
634.	CAM C	52	rps12 [complement(99010..99267)], rps12 [complement(70529..70642)], trnK-UUU [complement(1840..1868)], trnK-UUU [complement(4357..4393)], trnV-UAC [9981..10019], trnV-UAC [10594..10630], trnL-CAA [complement(13975..14024)], trnL-CAA [complement(14575..14611)], ycf3 [17869..17994], ycf3 [18708..18935], ycf3 [19810..19962], rpoC1 [40003..40434], rpoC1 [41223..42845], atpF [50764..50931], atpF [51592..52002], trnG-UCC [complement(54149..54197)], trnG-UCC [complement(54880..54902)], clpP [complement(71408..71638)], clpP [complement(72307..72669)], petB [75630..75635], petB [76454..77095], petD [77300..77307], petD [78025..78499], rpl16 [complement(82691..83089)], rpl16 [complement(84144..84152)], rpl2 [complement(86322..86756)], rpl2 [complement(87442..87837)], ndhB [complement(95941..96702)], ndhB [complement(97388..98110)], trnI-AUC [102900..102937], trnI-AUC [103889..103923], trnA-UGC [103989..104026], trnA-UGC [104839..104873], ndhA [117948..118499], ndhA [119669..120208]	trnK-UUU [complement(1869..4356)], trnV-UAC [10020..10593], trnL-CAA [complement(14025..14574)], ycf3 [17995..18707], ycf3 [18936..19809], rpoC1 [40435..41222], atpF [50932..51591], trnG-UCC [complement(54198..54879)], clpP [complement(71639..72306)], petB [75636..76453], petD [77308..78024], rpl16 [complement(83090..84143)], rpl2 [complement(86757..87441)], ndhB [complement(96703..97387)], trnI-AUC [102938..103888], trnA-UGC [104027..104838], ndhA [118500..119668]
635.	CAMI	73	rps12 [complement(101899..101924)], rps12 [complement(102466..102694)], rps12 [complement(73104..73217)], trnK-UUU [complement(1395..1429)], trnK-UUU [complement(4091..4127)], rps16 [complement(4869..5089)], rps16	trnK-UUU [complement(1430..4090)], rps16 [complement(5090..5943)], trnG-GCC [10285..10971], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5944..5983)], trnG-GCC [10262..10284], trnG-GCC [10972..11019], atpF [complement(12971..13381)], atpF [complement(14196..14339)], rpoC1 [complement(22242..23862)], rpoC1 [complement(24613..25040)], ycf3 [complement(44175..44335)], ycf3 [complement(45071..45298)], ycf3 [complement(46015..46138)], trnL-UAA [49290..49324], trnL-UAA [49839..49888], trnV-UAC [complement(54291..54327)], trnV-UAC [complement(54908..54946)], rps12 [complement(73104..73217)], rps12 [144660..144888], rps12 [145430..145455], clpP [complement(73370..73621)], clpP [complement(74269..74560)], clpP [complement(75375..75445)], petB [78362..78367], petB [79149..79796], petD [79990..79997], petD [80730..81264], rpl16 [complement(84756..85154)], rpl16 [complement(86266..86274)], rpl2 [complement(88184..88615)], rpl2 [complement(89278..89667)], ndhB [complement(98825..99580)], ndhB [complement(100285..101061)], trnI-GAU [106690..106731], trnI-GAU [107669..107703], trnA-UGC [107768..107805], trnA-UGC [108612..108646], ndhA [complement(124267..124805)], ndhA [complement(125871..126423)], trnA-UGC [complement(138708..138742)], trnA-UGC [complement(139549..139586)], trnI-GAU [complement(139651..139685)], trnI-GAU [complement(140623..140664)], ndhB [146293..147069], ndhB [147774..148529], rpl2 [157687..158076], rpl2 [158739..159170]	[complement(13382..14195)], rpoC1 [complement(23863..24612)], ycf3 [complement(44336..45070)], ycf3 [complement(45299..46014)], trnL-UAA [49325..49838], trnV-UAC [complement(54328..54907)], clpP [complement(73622..74268)], clpP [complement(74561..75374)], petB [78368..79148], petD [79998..80729], rpl16 [complement(85155..86265)], rpl2 [complement(88616..89277)], ndhB [complement(99581..100284)], trnI-GAU [106732..107668], trnA-UGC [107806..108611], ndhA [complement(124806..125870)], trnA-UGC [complement(138743..139548)], trnI-GAU [complement(139686..140622)], ndhB [147070..147773], rpl2 [158077..158738]
636.	CAM N	41	rps12 [complement(69098..69211)], trnK-UUU [complement(1609..1634)], trnK-UUU [complement(4149..4185)], trnG-UCC [9221..9243], trnG-UCC [9952..9980], trnL-UAA [46888..46924], trnL-UAA [47410..47459], trnV-UAC [complement(51019..51056)], trnV-UAC [complement(51646..51683)], rps12 [138387..138412], trnI-GAU [100982..101023], trnI-GAU [101969..102003], trnA-UGC [102068..102105], trnA-UGC [102912..102948], trnA-UGC [complement(131963..131999)], trnA-UGC [complement(132806..132843)], trnI-GAU [complement(132908..132942)], trnI-GAU [complement(133898..133929)]	trnK-UUU [complement(1635..4148)], rps16 [complement(5278..6201)], trnG-UCC [9244..9951], atpF [complement(12333..13013)], rpoC1 [complement(22585..23364)], ycf3 [complement(42502..43224)], ycf3 [complement(43453..44161)], trnL-UAA [46925..47409], trnV-UAC [complement(51057..51645)], clpP [complement(69577..70198)], clpP [complement(70490..71198)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[74189..74900], petD [75740..76478], rpl16 [complement(80774..81643)], rpl2 [complement(83734..84400)], ndhB [complement(94248..94926)], trnI-GAU [101024..101968], trnA-UGC [102106..102911], ndhA [complement(118171..119086)], trnA-UGC [complement(132000..132805)], trnI-GAU [complement(132943..133897)], ndhB [139985..140663], rpl2 [150511..151177]
637.	CAM O	42	rps12 [complement(75713..75826)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4358..4394)], trnG-GCC [10530..10552], trnG-GCC [11277..11325], trnL-UAA [52646..52680], trnL-UAA [53158..53207], trnV-UAC [complement(56720..56754)], trnV-UAC [complement(57385..57422)], rps12 [complement(75713..75826)], rps12 [147403..147428], trnI-GAU [108225..108261], trnI-GAU [109217..109251], trnA-UGC [109316..109353], trnA-UGC [110154..110188], trnA-UGC [complement(141044..141078)], trnA-UGC [complement(141879..141916)], trnI-GAU [complement(141981..142015)], trnI-GAU [complement(142971..143007)]	trnK-UUU [complement(1859..4357)], rps16 [complement(5675..6558)], trnG-GCC [10553..11276], atpF [complement(13920..14732)], rpoC1 [complement(24662..25489)], ycf3 [complement(47615..48382)], ycf3 [complement(48611..49331)], trnL-UAA [52681..53157], trnV-UAC [complement(56755..57384)], clpP [complement(76218..76857)], clpP [complement(77152..78003)], petB [81021..81851], petD [82711..83328], rpl16 [complement(87663..88771)], rpl2 [complement(90935..91618)], ndhB [complement(101503..102182)], trnI-GAU [108262..109216], trnA-UGC [109354..110153], ndhA [complement(126881..127929)], trnA-UGC [complement(141079..141878)], trnI-GAU [complement(142016..142970)], ndhB [149050..149729], rpl2 [159614..160261]
638.	CAMP	64	rps12 [complement(95538..95795)], rps12 [complement(67561..67674)],	trnK-UUU [complement(1749..4354)], trnV-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(1714..1748)], trnK-UUU [complement(4355..4391)], trnV-UAC [9768..9806], trnV-UAC [10385..10421], trnL-UAA [complement(13657..13706)], trnL-UAA [complement(14243..14279)], ycf3 [16768..16893], ycf3 [17581..17808], ycf3 [18581..18733], rpoC1 [37364..37795], rpoC1 [38591..40213], atpF [48180..48323], atpF [49069..49476], trnG-UCC [complement(51589..51637)], trnG-UCC [complement(52383..52405)], rps16 [54732..54771], rps16 [55648..55877], rps12 [135586..135843], clpP [complement(67875..68102)], clpP [complement(68867..69158)], clpP [complement(69887..69957)], petB [72880..72885], petB [73735..74376], petD [74581..74588], petD [75313..75787], rpl16 [complement(79477..79875)], rpl16 [complement(81027..81035)], ndhB [complement(92486..93241)], ndhB [complement(93939..94661)], trnI-GAU [99676..99711], trnI-GAU [100558..100592], trnA-UGC [100657..100694], trnA-UGC [101501..101535], ndhA [complement(115460..115999)], ndhA [complement(117285..117836)], trnA-UGC [complement(129846..129880)], trnA-UGC [complement(130687..130724)], trnI-GAU [complement(130789..130823)], trnI-GAU [complement(131670..131705)], ndhB [136720..137442], ndhB [138140..138895]	UAC [9807..10384], trnL-UAA [complement(13707..14242)], ycf3 [16894..17580], ycf3 [17809..18580], rpoC1 [37796..38590], atpF [48324..49068], trnG-UCC [complement(51638..52382)], rps16 [54772..55647], clpP [complement(68103..68866)], clpP [complement(69159..69886)], petB [72886..73734], petD [74589..75312], rpl16 [complement(79876..81026)], ndhB [complement(93242..93938)], trnI-GAU [99712..100557], trnA-UGC [100695..101500], ndhA [complement(116000..117284)], trnA-UGC [complement(129881..130686)], trnI-GAU [complement(130824..131669)], ndhB [137443..138139]
639.	CAM R	73	rps12 [complement(100109..100134)], rps12 [complement(100671..100902)], rps12 [complement(72186..72299)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4269..4305)], rps16 [complement(5071..5295)], rps16 [complement(6155..6193)], trnG [9796..9818], trnG [10509..10556], atpF [complement(12574..12981)], atpF [complement(13686..13844)], rpoC1 [complement(21770..23395)], rpoC1 [complement(24128..24562)], ycf3 [complement(44389..44541)], ycf3 [complement(45279..45506)], ycf3 [complement(46227..46352)], trnL-UAA [49622..49658], trnL-UAA [50178..50227], trnV-UAC [complement(53361..53397)], trnV-UAC [complement(53984..54022)], rps12 [complement(72186..72299)], rps12 [142660..142891], rps12 [143428..143453], clpP [complement(72449..72733)], clpP [complement(73272..73562)], clpP [complement(74354..74422)], petB [77338..77343], petB [78106..78762], petD [78951..78959], petD	trnK-UUU [complement(1776..4268)], rps16 [complement(5296..6154)], trnG [9819..10508], atpF [complement(12982..13685)], rpoC1 [complement(23396..24127)], ycf3 [complement(44542..45278)], ycf3 [complement(45507..46226)], trnL-UAA [49659..50177], trnV-UAC [complement(53398..53983)], clpP [complement(72734..73271)], clpP [complement(73563..74353)], petB [77344..78105], petD [78960..79655], rpl16 [complement(84051..85068)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79656..80180], rpl16 [complement(83649..84050)], rpl16 [complement(85069..85077)], rpl2 [complement(86705..87139)], rpl2 [complement(87807..88199)], ndhB [complement(97051..97806)], ndhB [complement(98486..99262)], trnI-GAU [104827..104868], trnI-GAU [105816..105850], trnA-UGC [105915..105952], trnA-UGC [106765..106799], ndhA [complement(122223..122762)], ndhA [complement(123848..124399)], trnA-UGC [complement(136763..136797)], trnA-UGC [complement(137610..137647)], trnI-GAU [complement(137712..137746)], trnI-GAU [complement(138694..138735)], ndhB [144300..145076], ndhB [145756..146511], rpl2 [155363..155752], rpl2 [156423..156857]	[complement(87140..87806)], ndhB [complement(97807..98485)], trnI-GAU [104869..105815], trnA-UGC [105953..106764], ndhA [complement(122763..123847)], trnA-UGC [complement(136798..137609)], trnI-GAU [complement(137747..138693)], ndhB [145077..145755], rpl2 [155753..156422]
640.	CAM U	64	rps12 [complement(87350..87378)], rps12 [complement(87919..88150)], rps12 [complement(65576..65689)], trnK-UUU [complement(1391..1425)], trnK-UUU [complement(3919..3955)], rps16 [complement(4513..4730)], rps16 [complement(5564..5603)], trnG-UCC [complement(12466..12513)], trnG-UCC [complement(13189..13211)], atpF [31244..31388], atpF [32223..32629], ycf3 [complement(40444..40604)], ycf3 [complement(41327..41552)], ycf3 [complement(42310..42435)], trnL-UAA [45221..45255], trnL-UAA [45800..45849], trnV-UAC [complement(49341..49377)], trnV-UAC [complement(49982..50020)], rps12 [124783..125014], rps12 [125555..125583], petB [69452..69457], petB [70221..70862], petD [71051..71058], petD [71795..72269], rpl16 [complement(75861..76262)], rpl16 [complement(77136..77144)], rpl2 [complement(79148..79578)], rpl2 [complement(80242..80632)], ndhB [complement(84282..85037)], ndhB [complement(85750..86526)], trnI-GAU [91924..91960], trnI-GAU [92767..92801], trnA-UGC [92867..92904], trnA-UGC [93716..93750], ndhA [complement(109711..110249)], ndhA [complement(111276..111825)], trnA-UGC [complement(119183..119217)], trnA-UGC [complement(120029..120066)], trnI-GAU [complement(120132..120166)], trnI-GAU [complement(120973..121009)], ndhB [126407..127183], ndhB [127896..128651], rpl2 [132301..132691], rpl2 [133355..133785]	trnK-UUU [complement(1426..3918)], rps16 [complement(4731..5563)], trnG-UCC [complement(12514..13188)], atpF [31389..32222], ycf3 [complement(40605..41326)], ycf3 [complement(41553..42309)], trnL-UAA [45256..45799], trnV-UAC [complement(49378..49981)], petB [69458..70220], petD [71059..71794], rpl16 [complement(76263..77135)], rpl2 [complement(79579..80241)], ndhB [complement(85038..85749)], trnI-GAU [91961..92766], trnA-UGC [92905..93715], ndhA [complement(110250..111275)], trnA-UGC [complement(119218..120028)], trnI-GAU [complement(120167..120972)], ndhB [127184..127895], rpl2 [132692..133354]
641.	CANE	70	trnK-UUU [complement(1722..1756)], trnK-UUU [complement(4409..4445)], rpoC1 [complement(12390..14024)], rpoC1 [complement(14739..15176)],	trnK-UUU [complement(1757..4408)], rpoC1 [complement(14025..14738)], trnV-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnV-UAC [34251..34286], trnV-UAC [34899..34935], trnL-UAA [complement(38316..38365)], trnL-UAA [complement(38985..39019)], atpF [43195..43339], atpF [44170..44576], trnG-UCC [complement(46529..46576)], trnG-UCC [complement(47297..47320)], ycf3 [59168..59299], ycf3 [60095..60320], ycf3 [61064..61230], rps12 [62733..62846], rps12 [complement(175044..175275)], rps12 [complement(174461..174498)], rps12 [109834..110065], rps12 [110611..110648], petB [92852..92857], petB [93665..94306], petD [94490..94495], petD [95278..95754], rps16 [complement(97710..97919)], rps16 [complement(98786..98827)], rpl16 [complement(100837..101239)], rpl16 [complement(101769..101776)], rpl2 [complement(104323..104754)], rpl2 [complement(105395..105784)], trnA-UGC [complement(116637..116671)], trnA-UGC [complement(117483..117520)], trnI-GAU [complement(117581..117615)], trnI-GAU [complement(118548..118585)], ndhB [complement(122685..123440)], ndhB [complement(124131..124907)], ndhA [134646..135195], ndhA [136237..136775], ndhA [complement(148334..148872)], ndhA [complement(149914..150463)], ndhB [160202..160978], ndhB [161669..162424], trnI-GAU [166524..166561], trnI-GAU [167494..167528], trnA-UGC [167589..167626], trnA-UGC [168438..168472], rpl2 [179325..179714], rpl2 [180355..180786]	UAC [34287..34898], trnL-UAA [complement(38366..38984)], atpF [43340..44169], trnG-UCC [complement(46577..47296)], ycf3 [59300..60094], ycf3 [60321..61063], petB [92858..93664], petD [94496..95277], rps16 [complement(97920..98785)], rpl16 [complement(101240..101768)], rpl2 [complement(104755..105394)], trnA-UGC [complement(116672..117482)], trnI-GAU [complement(117616..118547)], ndhB [complement(123441..124130)], ndhA [135196..136236], ndhA [complement(148873..149913)], ndhB [160979..161668], trnI-GAU [166562..167493], trnA-UGC [167627..168437], rpl2 [179715..180354]
642.	CANI	64	rps12 [complement(100845..101087)], rps12 [complement(72357..72470)], rps16 [complement(5153..5379)], rps16 [complement(6252..6291)], atpF [complement(12685..13095)], atpF [complement(13812..13955)], rpoC1 [complement(21911..23527)], rpoC1 [complement(24269..24703)], ycf3 [complement(44551..44703)], ycf3 [complement(45441..45668)], ycf3 [complement(46389..46514)], trnL-UAA [49766..49802], trnL-UAA [50326..50375], trnV-UAC [complement(53518..53554)], trnV-UAC [complement(54141..54179)], rps12 [142858..143100], clpP [complement(72620..72847)], clpP [complement(73444..73732)], clpP [complement(74529..74599)], petB [77513..77518], petB [78295..78936], petD [79125..79132], petD [79880..80354], rpl16 [complement(83826..84224)], rpl16 [complement(85245..85253)], rpl2 [complement(86881..87315)], rpl2	rps16 [complement(5380..6251)], atpF [complement(13096..13811)], rpoC1 [complement(23528..24268)], ycf3 [complement(44704..45440)], ycf3 [complement(45669..46388)], trnL-UAA [49803..50325], trnV-UAC [complement(53555..54140)], clpP [complement(72848..73443)], clpP [complement(73733..74528)], petB [77519..78294], petD [79133..79879], rpl16 [complement(84225..85244)], rpl2 [complement(87316..87985)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87986..88375)], ndhB [complement(97236..97991)], ndhB [complement(98671..99447)], trnI-GAU [105017..105058], trnI-GAU [106006..106040], trnA-UGC [106105..106142], trnA-UGC [106955..106989], ndhA [complement(122408..122947)], ndhA [complement(124044..124595)], trnA-UGC [complement(136956..136990)], trnA-UGC [complement(137803..137840)], trnI-GAU [complement(137905..137939)], trnI-GAU [complement(138887..138928)], ndhB [144498..145274], ndhB [145954..146709], rpl2 [155569..155958], rpl2 [156629..157063]	[complement(97992..98670)], trnI-GAU [105059..106005], trnA-UGC [106143..106954], ndhA [complement(122948..124043)], trnA-UGC [complement(136991..137802)], trnI-GAU [complement(137940..138886)], ndhB [145275..145953], rpl2 [155959..156628]
643.	CANO	31	rps12 [complement(27790..27903)], petD [complement(13674..14179)], petD [complement(14834..14840)], trnI-GAU [55137..55178], trnI-GAU [56061..56095], trnA-UGC [56147..56184], trnA-UGC [56961..56996], trnL-UAA [complement(73835..73884)], trnL-UAA [complement(74169..74206)], trnG-UCC [complement(107504..107551)], trnG-UCC [complement(108307..108329)], trnK-UUU [113391..113427], trnK-UUU [115856..115880], trnV-UAC [complement(123710..123746)], trnV-UAC [complement(124274..124312)]	rpl2 [6036..6677], rpl16 [8865..9685], petD [complement(14180..14833)], petB [complement(15654..16423)], ndhB [complement(48281..49014)], trnI-GAU [55179..56060], trnA-UGC [56185..56960], ndhA [67746..68485], trnL-UAA [complement(73885..74168)], ycf3 [76766..77474], ycf3 [77701..78399], rpoC1 [95335..96073], atpF [104527..105191], trnG-UCC [complement(107552..108306)], trnK-UUU [113428..115855], trnV-UAC [complement(123747..124273)]
644.	CAOB	49	rps12 [complement(101617..101647)], rps12 [complement(102185..102416)], rps12 [complement(73593..73707)], rps16 [complement(5519..5716)], rps16 [complement(6609..6650)], atpF [complement(13433..13842)], atpF [complement(14591..14738)], rpoC1 [complement(22955..24571)], rpoC1 [complement(25390..25824)], ycf3 [complement(46111..46263)], ycf3 [complement(47040..47269)], ycf3 [complement(47986..48112)], rps12 [complement(73593..73707)], rps12 [144864..145097], rps12 [145632..145660], clpP [complement(73846..74073)], clpP [complement(74684..74977)], clpP [complement(75789..75857)], petB [78811..78816], petB [79614..80255], petD [80465..80473], petD [81094..81567], rpl16 [complement(85047..85445)], rpl16 [complement(86521..86529)], rpl2 [complement(88260..88729)], rpl2	rps16 [complement(5717..6608)], atpF [complement(13843..14590)], rpoC1 [complement(24572..25389)], ycf3 [complement(46264..47039)], ycf3 [complement(47270..47985)], clpP [complement(74074..74683)], clpP [complement(74978..75788)], petB [78817..79613], petD [80474..81093], rpl16 [complement(85446..86520)], rpl2 [complement(88730..89378)], ndhB [complement(99313..99998)], ndhA [complement(124833..126031)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89379..89772)], ndhB [complement(98551..99312)], ndhB [complement(99999..100775)], ndhA [complement(124293..124832)], ndhA [complement(126032..126583)], ndhB [146502..147278], ndhB [147965..148726], rpl2 [157505..157895], rpl2 [158548..159017]	[147279..147964], rpl2 [157896..158547]
645.	CAOI	41	trnK-UUU [complement(1678..1712)], trnK-UUU [complement(4271..4307)], trnG-UCC [8340..8362], trnG-UCC [9076..9124], trnL-UAA [46168..46204], trnL-UAA [46703..46752], trnV-UAC [complement(50376..50412)], trnV-UAC [complement(51019..51057)], rps12 [140064..140089], rpl2 [complement(84479..84868)], trnI-GAU [101799..101840], trnI-GAU [102784..102818], trnA-UGC [102883..102920], trnA-UGC [103721..103755], trnA-UGC [complement(133328..133362)], trnA-UGC [complement(134163..134200)], trnI-GAU [complement(134265..134299)], trnI-GAU [complement(135243..135284)]	trnK-UUU [complement(1713..4270)], rps16 [complement(5117..5987)], trnG-UCC [8363..9075], atpF [complement(11644..12357)], rpoC1 [complement(21351..22131)], ycf3 [complement(41984..42764)], ycf3 [complement(42993..43711)], trnL-UAA [46205..46702], trnV-UAC [complement(50413..51018)], clpP [complement(69229..69812)], clpP [complement(70105..70884)], petB [74323..74742], petD [75584..76286], rpl16 [complement(80609..81660)], rpl2 [complement(83796..84478)], ndhB [complement(94698..95382)], trnI-GAU [101841..102783], trnA-UGC [102921..103720], ndhA [complement(119551..120642)], trnA-UGC [complement(133363..134162)], trnI-GAU [complement(134300..135242)], ndhB [141701..142385], rpl2 [152605..153287]
646.	CAOL	39	trnK-UUU [complement(1855..1889)], trnK-UUU [complement(4378..4414)], trnG-GCC [9892..9914], trnG-GCC [10620..10656], trnL-UAA [49547..49583], trnL-UAA [50107..50156], trnV-UAC [complement(53272..53308)], trnV-UAC [complement(53895..53933)], trnI-GAU [104696..104737], trnI-GAU [105685..105719], trnA-UGC [105784..105821], trnA-UGC [106634..106668], trnA-UGC [complement(136618..136652)], trnA-UGC [complement(137465..137502)],	trnK-UUU [complement(1890..4377)], rps16 [complement(5407..6261)], trnG-GCC [9915..10619], atpF [complement(13090..13805)], rpoC1 [complement(23509..24249)], ycf3 [complement(44614..45350)], ycf3 [complement(45579..46298)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137567..137601)], trnI-GAU [complement(138549..138590)]	[49584..50106], trnV-UAC [complement(53309..53894)], clpP [complement(72549..73146)], clpP [complement(73436..74229)], petB [77226..78002], petD [78841..79587], rpl16 [complement(83934..84941)], rpl2 [complement(87013..87682)], ndhB [complement(97689..98367)], trnI-GAU [104738..105684], trnA-UGC [105822..106633], ndhA [complement(122611..123693)], trnA-UGC [complement(136653..137464)], trnI-GAU [complement(137602..138548)], ndhB [144937..145614], rpl2 [155621..156290]
647.	CAOX	25	rps12 [complement(74349..74462)], rps12 [146499..146524]	trnK-UUU [complement(1725..4220)], rps16 [complement(5252..6157)], trnG-UCC [9491..10215], atpF [complement(12641..13374)], rpoC1 [complement(23085..23845)], ycf3 [complement(45288..46062)], ycf3 [complement(46292..47003)], trnL-UAA [50987..51504], trnV-UAC [complement(56243..56817)], clpP [complement(74901..75572)], clpP [complement(75862..76666)], petB [79632..80464], petD [81314..82023], rpl16 [complement(86423..87419)], rpl2 [complement(89602..90260)], ndhB [complement(100566..101279)], trnI-GAU [107733..108680], trnA-UGC [108818..109615], ndhA [complement(126302..127215)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(139818..140615)], trnI-GAU [complement(140753..141700)], ndhB [148154..148867], rpl2 [159173..159831]
648.	CAPA	27	rps12 [complement(74091..74204)], trnK-UUU [complement(1924..1958)], trnK-UUU [complement(4533..4569)], rps12 [146163..146188]	trnK-UUU [complement(1959..4532)], rps16 [complement(5756..6638)], trnG-UCC [9692..10426], atpF [complement(13024..13789)], rpoC1 [complement(23819..24597)], ycf3 [complement(45110..45864)], ycf3 [complement(46095..46843)], trnL-UAA [50320..50836], trnV-UAC [complement(54959..55562)], clpP [complement(74595..75203)], clpP [complement(75496..76346)], petB [79393..80189], petD [81054..81801], rpl16 [complement(86287..87350)], rpl2 [complement(89400..90064)], ndhB [complement(100360..101040)], trnI-GAU [107361..108310], trnA-UGC [108448..109242], ndhA [complement(125583..126649)], trnA-UGC [complement(139608..140402)], trnI-GAU [complement(140540..141489)], ndhB [147810..148490], rpl2 [158786..159450]
649.	CAPB	73	rps12 [complement(101313..101338)], rps12 [complement(101875..102106)], rps12 [complement(73238..73351)], trnK [complement(1834..1868)], trnK [complement(4370..4406)], rps16 [complement(5099..5325)], rps16 [complement(6191..6230)], trnG [9414..9436], trnG [10129..10176], atpF [complement(12126..12535)], atpF [complement(13231..13375)], rpoC1 [complement(21421..23034)], rpoC1 [complement(23776..24228)], ycf3 [complement(44080..44232)], ycf3 [complement(44977..45206)], ycf3 [complement(45948..46071)], trnL [49170..49204], trnL [49631..49680], trnV	trnK [complement(1869..4369)], rps16 [complement(5326..6190)], trnG [9437..10128], atpF [complement(12536..13230)], rpoC1 [complement(23035..23775)], ycf3 [complement(44233..44976)], ycf3 [complement(45207..45947)], trnL [49205..49630], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53946..53982)], trnV [complement(54555..54592)], rps12 [complement(73238..73351)], rps12 [142973..143204], rps12 [143741..143766], clpP [complement(73507..73734)], clpP [complement(74364..74655)], clpP [complement(75460..75530)], petB [78475..78480], petB [79236..79877], petD [80070..80077], petD [80820..81294], rpl16 [complement(84701..85096)], rpl16 [complement(86144..86152)], rpl2 [complement(87828..88261)], rpl2 [complement(88928..89318)], ndhB [complement(98295..99050)], ndhB [complement(99730..100506)], trnI [105857..105893], trnI [106616..106650], trnA [106715..106752], trnA [107564..107598], ndhA [complement(122696..123234)], ndhA [complement(124386..124938)], trnA [complement(137481..137515)], trnA [complement(138327..138364)], trnI [complement(138429..138463)], trnI [complement(139186..139222)], ndhB [144573..145349], ndhB [146029..146784], rpl2 [155761..156151], rpl2 [156818..157251]	[complement(53983..54554)], clpP [complement(73735..74363)], clpP [complement(74656..75459)], petB [78481..79235], petD [80078..80819], rpl16 [complement(85097..86143)], rpl2 [complement(88262..88927)], ndhB [complement(99051..99729)], trnI [105894..106615], trnA [106753..107563], ndhA [complement(123235..124385)], trnA [complement(137516..138326)], trnI [complement(138464..139185)], ndhB [145350..146028], rpl2 [156152..156817]
650.	CAPC	70	rps12 [complement(107755..108018)], rps12 [complement(79245..79370)], trnK-UUU [complement(1722..1756)], trnK-UUU [complement(4256..4292)], rps16 [complement(5067..5293)], rps16 [complement(6151..6190)], trnG-UCC [9295..9317], trnG-UCC [9995..10031], atpF [complement(11925..12334)], atpF [complement(13040..13184)], rpoC1 [complement(25853..27460)], rpoC1 [complement(28226..28678)], ycf3 [complement(48982..49134)], ycf3 [complement(49930..50157)], ycf3 [complement(50911..51036)], trnL-UAA [53987..54023], trnL-UAA [54506..54555], trnV-UAC [complement(58614..58650)], trnV-UAC [complement(59236..59273)], rps12 [152097..152360], clpP [complement(79499..79834)], clpP [complement(80535..80813)], clpP [complement(81569..81634)], petB [84537..84542], petB [85330..85971], petD [86164..86171], petD [86884..87358], rpl16 [complement(90996..91394)], rpl16 [complement(92420..92428)], rpl2 [complement(94168..94602)], rpl2 [complement(95239..95631)], ndhB [complement(104178..104933)], ndhB [complement(105516..106394)], trnI-GAU [111667..111708], trnI-GAU [112658..112692], trnA-UGC [112756..112793], trnA-UGC [113611..113645],	trnK-UUU [complement(1757..4255)], rps16 [complement(5294..6150)], trnG-UCC [9318..9994], atpF [complement(12335..13039)], rpoC1 [complement(27461..28225)], ycf3 [complement(49135..49929)], ycf3 [complement(50158..50910)], trnL-UAA [54024..54505], trnV-UAC [complement(58651..59235)], clpP [complement(79835..80534)], clpP [complement(80814..81568)], petB [84543..85329], petD [86172..86883], rpl16 [complement(91395..92419)], rpl2 [complement(94603..95238)], ndhB [complement(104934..105515)], trnI-GAU [111709..112657], trnA-UGC [112794..113610], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(130790..131328)], ndhA [complement(132390..132942)], trnA-UGC [complement(146470..146504)], trnA-UGC [complement(147322..147359)], trnI-GAU [complement(147423..147457)], trnI-GAU [complement(148407..148448)], ndhB [153721..154497], ndhB [155182..155937], rpl2 [164484..164874], rpl2 [165514..165947]	[complement(131329..132389)], trnA-UGC [complement(146505..147321)], trnI-GAU [complement(147458..148406)], ndhB [154498..155181], rpl2 [164875..165513]
651.	CAPE	70	rps12 [complement(100730..100972)], rps12 [complement(72254..72367)], trnK-UUU [complement(1739..1773)], trnK-UUU [complement(4257..4293)], rps16 [complement(5059..5285)], rps16 [complement(6142..6181)], trnG-GCC [9792..9814], trnG-GCC [10520..10556], atpF [complement(12576..12986)], atpF [complement(13703..13846)], rpoC1 [complement(21792..23408)], rpoC1 [complement(24150..24584)], ycf3 [complement(44449..44601)], ycf3 [complement(45339..45566)], ycf3 [complement(46287..46412)], trnL-UAA [49651..49687], trnL-UAA [50211..50260], trnV-UAC [complement(53400..53436)], trnV-UAC [complement(54023..54061)], rps12 [142809..143051], clpP [complement(72517..72744)], clpP [complement(73335..73623)], clpP [complement(74420..74490)], petB [77401..77406], petB [78178..78819], petD [79008..79015], petD [79763..80237], rpl16 [complement(83710..84108)], rpl16 [complement(85130..85138)], rpl2 [complement(86766..87200)], rpl2 [complement(87871..88260)], ndhB [complement(97121..97876)], ndhB [complement(98556..99332)], trnI-GAU [104902..104943], trnI-GAU [105891..105925], trnA-UGC [105990..106027], trnA-UGC [106840..106874], ndhA [complement(122364..122903)], ndhA [complement(124000..124551)], trnA-UGC [complement(136907..136941)], trnA-UGC [complement(137754..137791)], trnI-GAU [complement(137856..137890)], trnI-GAU [complement(138837..138878)], ndhB [144449..145225], ndhB [145905..146660], rpl2 [155521..155911], rpl2 [156582..157015]	trnK-UUU [complement(1774..4256)], rps16 [complement(5286..6141)], trnG-GCC [9815..10519], atpF [complement(12987..13702)], rpoC1 [complement(23409..24149)], ycf3 [complement(44602..45338)], ycf3 [complement(45567..46286)], trnL-UAA [49688..50210], trnV-UAC [complement(53437..54022)], clpP [complement(72745..73334)], clpP [complement(73624..74419)], petB [77407..78177], petD [79016..79762], rpl16 [complement(84109..85129)], rpl2 [complement(87201..87870)], ndhB [complement(97877..98555)], trnI-GAU [104944..105890], trnA-UGC [106028..106839], ndhA [complement(122904..123999)], trnA-UGC [complement(136942..137753)], trnI-GAU [complement(137891..138836)], ndhB [145226..145904], rpl2 [155912..156581]
652.	CAPI	72	rps12 [complement(99708..99733)], rps12 [complement(100270..100501)], rps12 [complement(71822..71935)], trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4268..4304)], rps16 [complement(5069..5293)], rps16 [complement(6167..6205)], trnG [9814..9836], trnG [10527..10574], atpF [complement(12596..13003)], atpF [complement(13708..13866)], rpoC1	trnK-UUU [complement(1775..4267)], rps16 [complement(5294..6166)], trnG [9837..10526], atpF [complement(13004..13707)], rpoC1 [complement(23003..23734)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21377..23002)], rpoC1 [complement(23735..24169)], ycf3 [complement(44003..44155)], ycf3 [complement(44893..45120)], ycf3 [complement(45841..45966)], trnL-UAA [49236..49272], trnL-UAA [49793..49842], trnV-UAC [complement(52978..53014)], trnV-UAC [complement(53601..53639)], rps12 [142297..142528], rps12 [143065..143090], clpP [complement(72085..72369)], clpP [complement(72903..73193)], clpP [complement(73990..74058)], petB [76966..76971], petB [77734..78390], petD [78579..78587], petD [79284..79808], rpl16 [complement(83263..83664)], rpl16 [complement(84683..84691)], rpl2 [complement(86319..86753)], rpl2 [complement(87421..87813)], ndhB [complement(96656..97411)], ndhB [complement(98091..98861)], trnI-GAU [104421..104462], trnI-GAU [105410..105444], trnA-UGC [105509..105546], trnA-UGC [106359..106393], ndhA [complement(121837..122376)], ndhA [complement(123474..124025)], trnA-UGC [complement(136405..136439)], trnA-UGC [complement(137252..137289)], trnI-GAU [complement(137354..137388)], trnI-GAU [complement(138336..138377)], ndhB [143937..144707], ndhB [145387..146142], rpl2 [154985..155374], rpl2 [156045..156479]	[complement(44156..44892)], ycf3 [complement(45121..45840)], trnL-UAA [49273..49792], trnV-UAC [complement(53015..53600)], clpP [complement(72370..72902)], clpP [complement(73194..73989)], petB [76972..77733], petD [78588..79283], rpl16 [complement(83665..84682)], rpl2 [complement(86754..87420)], ndhB [complement(97412..98090)], trnI-GAU [104463..105409], trnA-UGC [105547..106358], ndhA [complement(122377..123473)], trnA-UGC [complement(136440..137251)], trnI-GAU [complement(137389..138335)], ndhB [144708..145386], rpl2 [155375..156044]
653.	CAPL	73	rps12 [complement(100939..100964)], rps12 [complement(101511..101739)], rps12 [complement(72730..72843)], trnK-UUU [complement(1449..1483)], trnK-UUU [complement(4047..4083)], rps16 [complement(4667..4878)], rps16 [complement(5722..5761)], trnG-UCC [9139..9161], trnG-UCC [9920..9967], atpF [complement(11927..12337)], atpF [complement(13115..13258)], rpoC1 [complement(21013..22633)], rpoC1 [complement(23359..23786)], ycf3 [complement(43437..43595)], ycf3 [complement(44330..44557)], ycf3 [complement(45268..45399)], trnL-UAA [48767..48801], trnL-UAA [49328..49377], trnV-UAC [complement(53904..53940)], trnV-UAC [complement(54540..54578)], rps12 [complement(72730..72843)], rps12 [143928..144156], rps12 [144703..144728], clpP [complement(72982..73233)], clpP [complement(73896..74186)], clpP [complement(75061..75129)], petB [78042..78047], petB [78840..79481], petD [79680..79685], petD [80439..80954], rpl16 [complement(84466..84867)], rpl16	trnK-UUU [complement(1484..4046)], rps16 [complement(4879..5721)], trnG-UCC [9162..9919], atpF [complement(12338..13114)], rpoC1 [complement(22634..23358)], ycf3 [complement(43596..44329)], ycf3 [complement(44558..45267)], trnL-UAA [48802..49327], trnV-UAC [complement(53941..54539)], clpP [complement(73234..73895)], clpP [complement(74187..75060)], petB [78048..78839], petD [79686..80438], rpl16 [complement(84868..85814)], rpl2 [complement(88097..88750)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85815..85823)], rpl2 [complement(87665..88096)], rpl2 [complement(88751..89143)], ndhB [complement(97851..98606)], ndhB [complement(99307..100083)], trnI-GAU [105726..105767], trnI-GAU [106706..106740], trnA-UGC [106805..106842], trnA-UGC [107650..107684], ndhA [120113..120664], ndhA [121710..122249], trnA-UGC [complement(137983..138017)], trnA-UGC [complement(138825..138862)], trnI-GAU [complement(138927..138961)], trnI-GAU [complement(139900..139941)], ndhB [145584..146360], ndhB [147061..147816], rpl2 [156524..156916], rpl2 [157571..158002]	[complement(98607..99306)], trnI-GAU [105768..106705], trnA-UGC [106843..107649], ndhA [120665..121709], trnA-UGC [complement(138018..138824)], trnI-GAU [complement(138962..139899)], ndhB [146361..147060], rpl2 [156917..157570]
654.	CAPN	35	trnK-UUU [complement(1787..1821)], trnK-UUU [complement(4368..4404)], trnG-UCC [9119..9141], trnG-UCC [9845..9892], trnL-UAA [39599..39633], trnL-UAA [40146..40195], trnV-UAC [complement(43710..43744)], trnV-UAC [complement(44328..44365)], trnI-GAU [104975..105017], trnI-GAU [105947..105981], trnA-UGC [106054..106091], trnA-UGC [106901..106935], trnA-UGC [complement(164730..164764)], trnA-UGC [complement(165574..165611)], trnI-GAU [complement(165684..165718)], trnI-GAU [complement(166648..166690)]	trnK-UUU [complement(1822..4367)], trnG-UCC [9142..9844], atpF [complement(12223..12974)], rpl2 [15544..16210], rpl16 [18372..19469], petD [complement(23824..24512)], petB [complement(25355..26183)], trnL-UAA [39634..40145], trnV-UAC [complement(43745..44327)], ycf3 [73628..74421], ycf3 [74652..75384], rpoC1 [80458..81219], ndhB [92410..93083], trnI-GAU [105018..105946], trnA-UGC [106092..106900], ndhA [128462..129487], ndhA [complement(142178..143203)], trnA-UGC [complement(164765..165573)], trnI-GAU [complement(165719..166647)]
655.	CAPO	58	rps12 [complement(100702..100944)], rps12 [complement(72222..72335)], rps16 [complement(5067..5293)], rps16 [complement(6148..6187)], atpF [complement(12586..12996)], atpF [complement(13713..13856)], rpoC1 [complement(21793..23409)], rpoC1 [complement(24151..24585)], ycf3 [complement(44428..44580)], ycf3 [complement(45318..45545)], ycf3 [complement(46265..46390)], trnL-UAA [49627..49663], trnL-UAA [50187..50236], trnV-UAC [complement(53379..53415)], trnV-UAC [complement(54002..54040)], rps12 [142785..143027], clpP	rps16 [complement(5294..6147)], atpF [complement(12997..13712)], rpoC1 [complement(23410..24150)], ycf3 [complement(44581..45317)], ycf3 [complement(45546..46264)], trnL-UAA [49664..50186], trnV-UAC [complement(53416..54001)], clpP [complement(72770..73309)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72485..72769)], clpP [complement(73310..73600)], clpP [complement(74397..74465)], rpl16 [complement(83680..84078)], rpl16 [complement(85102..85110)], rpl2 [complement(86738..87172)], rpl2 [complement(87843..88232)], ndhB [complement(97093..97848)], ndhB [complement(98528..99304)], trnI-GAU [104874..104915], trnI-GAU [105863..105897], trnA-UGC [105962..105999], trnA-UGC [106812..106846], ndhA [complement(122349..122888)], ndhA [complement(123973..124524)], trnA-UGC [complement(136883..136917)], trnA-UGC [complement(137730..137767)], trnI-GAU [complement(137832..137866)], trnI-GAU [complement(138814..138855)], ndhB [144425..145201], ndhB [145881..146636], rpl2 [155497..155889], rpl2 [156557..156991]	[complement(73601..74396)], rpl16 [complement(84079..85101)], rpl2 [complement(87173..87842)], ndhB [complement(97849..98527)], trnI-GAU [104916..105862], trnA-UGC [106000..106811], ndhA [complement(122889..123972)], trnA-UGC [complement(136918..137729)], trnI-GAU [complement(137867..138813)], ndhB [145202..145880], rpl2 [155890..156556]
656.	CAPP	49	rps12 [complement(101627..101657)], rps12 [complement(102195..102426)], rps12 [complement(73588..73702)], rps16 [complement(5506..5703)], rps16 [complement(6596..6637)], atpF [complement(13387..13796)], atpF [complement(14542..14689)], rpoC1 [complement(22914..24530)], rpoC1 [complement(25348..25782)], ycf3 [complement(46051..46203)], ycf3 [complement(46985..47214)], ycf3 [complement(47931..48057)], rps12 [complement(73588..73702)], rps12 [144909..145142], rps12 [145677..145705], clpP [complement(73841..74068)], clpP [complement(74679..74972)], clpP [complement(75786..75854)], petB [78810..78815], petB [79609..80250], petD [80460..80468], petD [81089..81562], rpl16 [complement(85042..85440)], rpl16 [complement(86516..86524)], rpl2 [complement(88270..88739)], rpl2 [complement(89389..89782)], ndhB [complement(98561..99322)], ndhB [complement(100009..100785)], ndhA [complement(124336..124875)], ndhA [complement(126076..126627)], ndhB [146547..147323], ndhB [148010..148771], rpl2 [157550..157945], rpl2 [158595..159062]	rps16 [complement(5704..6595)], atpF [complement(13797..14541)], rpoC1 [complement(24531..25347)], ycf3 [complement(46204..46984)], ycf3 [complement(47215..47930)], clpP [complement(74069..74678)], clpP [complement(74973..75785)], petB [78816..79608], petD [80469..81088], rpl16 [complement(85441..86515)], rpl2 [complement(88740..89388)], ndhB [complement(99323..100008)], ndhA [complement(124876..126075)], ndhB [147324..148009], rpl2 [157946..158594]
657.	CAPR	18	rps12 [complement(69848..69961)], trnK-UUU [complement(1720..1754)], trnK-UUU [complement(4219..4255)], trnG-GCC [8884..8906], trnG-GCC [9592..9641], trnL-UAA [46952..46988], trnL-UAA [47470..47521], trnV-UAC [complement(51398..51434)], trnV-UAC [complement(52014..52058)], rps12 [139620..139645], trnI-GAU [101837..101878], trnI-GAU	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[102822..102856], trnA-UGC [102921..102958], trnA-UGC [103773..103807], trnA-UGC [complement(133225..133259)], trnA-UGC [complement(134074..134111)], trnI-GAU [complement(134176..134210)], trnI-GAU [complement(135154..135195)]	
658.	CAPS	24	rps12 [142123..142148]	trnK-UUU [complement(1707..4246)], rps16 [complement(5012..5888)], trnG-UCC [8847..9537], atpF [complement(11972..12713)], rpoC1 [complement(22540..23318)], ycf3 [complement(44028..44804)], ycf3 [complement(45034..45743)], trnL-UAA [48405..48902], trnV-UAC [complement(52529..53115)], clpP [complement(70981..71669)], clpP [complement(71959..72789)], petB [75741..76533], petD [77386..78108], rpl16 [complement(82495..83532)], rpl2 [complement(85698..86356)], ndhB [complement(96734..97433)], trnI-GAU [103525..104471], trnA-UGC [104609..105408], ndhA [complement(121588..122783)], trnA-UGC [complement(135780..136579)], trnI-GAU [complement(136717..137663)], ndhB [143755..144454], rpl2 [154832..155490]
659.	CAPT	67	rps12 [complement(102453..102482)], rps12 [complement(103020..103250)], rps12 [complement(74557..74670)], rps16 [complement(5324..5539)], rps16 [complement(6414..6455)], trnS-CGA [10216..10238], trnS-CGA [10971..11008], atpF [complement(13214..13624)], atpF [complement(14376..14519)], rpoC1 [complement(22699..24324)], rpoC1 [complement(25136..25567)], ycf3 [complement(46447..46599)], ycf3 [complement(47382..47609)], ycf3 [complement(48329..48454)], trnL-UAA	rps16 [complement(5540..6413)], trnS-CGA [10239..10970], atpF [complement(13625..14375)], rpoC1 [complement(24325..25135)], ycf3 [complement(46600..47381)], ycf3 [complement(47610..48328)], trnL-UAA [51608..52139], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[51573..51607], trnL-UAA [52140..52189], trnV-UAC [complement(55744..55778)], trnV-UAC [complement(56420..56457)], rps12 [complement(74557..74670)], rps12 [145441..145672], rps12 [146209..146234], clpP [complement(74809..75036)], clpP [complement(75646..75939)], clpP [complement(76755..76823)], petD [81428..81436], petD [82057..82530], rpl16 [complement(86021..86419)], rpl16 [complement(87328..87336)], rpl2 [complement(89087..89521)], rpl2 [complement(90210..90599)], ndhB [complement(99387..100148)], ndhB [complement(100835..101611)], trnI-GAU [107033..107069], trnI-GAU [108025..108059], trnA-UGC [108124..108161], trnA-UGC [108971..109005], ndhA [complement(124875..125413)], ndhA [complement(126606..127161)], trnA-UGC [complement(139686..139720)], trnA-UGC [complement(140530..140567)], trnI-GAU [complement(140632..140666)], trnI-GAU [complement(141622..141658)], ndhB [147080..147856], ndhB [148543..149304], rpl2 [158092..158481], rpl2 [159170..159604]</p>	<p>[complement(55779..56419)], clpP [complement(75037..75645)], clpP [complement(75940..76754)], petD [81437..82056], rpl16 [complement(86420..87327)], rpl2 [complement(89522..90209)], ndhB [complement(100149..100834)], trnI-GAU [107070..108024], trnA-UGC [108162..108970], ndhA [complement(125414..126605)], trnA-UGC [complement(139721..140529)], trnI-GAU [complement(140667..141621)], ndhB [147857..148542], rpl2 [158482..159169]</p>
660.	CAPU	70	<p>rps12 [complement(100720..100962)], rps12 [complement(72239..72352)], trnK-UUU [complement(1742..1776)], trnK-UUU [complement(4264..4300)], rps16 [complement(5061..5287)], rps16 [complement(6143..6182)], trnG-GCC [9794..9816], trnG-GCC [10522..10558], atpF [complement(12578..12988)], atpF [complement(13705..13848)], rpoC1 [complement(21787..23403)], rpoC1 [complement(24145..24579)], ycf3 [complement(44440..44592)], ycf3 [complement(45330..45557)], ycf3 [complement(46278..46403)], trnL-UAA [49630..49666], trnL-UAA [50190..50239], trnV-UAC [complement(53379..53415)], trnV-UAC [complement(54002..54040)], rps12 [142764..143006], clpP [complement(72502..72729)], clpP [complement(73327..73615)], clpP [complement(74412..74482)], petB [77385..77390], petB [78168..78809], petD [78998..79005], petD [79754..80228], rpl16 [complement(83699..84097)], rpl16 [complement(85120..85128)], rpl2 [complement(86756..87190)], rpl2 [complement(87861..88250)], ndhB [complement(97111..97866)], ndhB [complement(98546..99322)], trnI-GAU [104879..104920], trnI-GAU [105868..105902], trnA-UGC [105967..106004], trnA-UGC [106817..106851],</p>	<p>trnK-UUU [complement(1777..4263)], rps16 [complement(5288..6142)], trnG-GCC [9817..10521], atpF [complement(12989..13704)], rpoC1 [complement(23404..24144)], ycf3 [complement(44593..45329)], ycf3 [complement(45558..46277)], trnL-UAA [49667..50189], trnV-UAC [complement(53416..54001)], clpP [complement(72730..73326)], clpP [complement(73616..74411)], petB [77391..78167], petD [79006..79753], rpl16 [complement(84098..85119)], rpl2 [complement(87191..87860)], ndhB [complement(97867..98545)], trnI-GAU [104921..105867], trnA-UGC [106005..106816], ndhA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(122344..122883)], ndhA [complement(123968..124519)], trnA-UGC [complement(136875..136909)], trnA-UGC [complement(137722..137759)], trnI-GAU [complement(137824..137858)], trnI-GAU [complement(138805..138846)], ndhB [144404..145180], ndhB [145860..146615], rpl2 [155476..155866], rpl2 [156537..156970]	[complement(122884..123967)], trnA-UGC [complement(136910..137721)], trnI-GAU [complement(137859..138804)], ndhB [145181..145859], rpl2 [155867..156536]
661.	CAPV	45	trnK-UUU [complement(1723..1757)], trnK-UUU [complement(4285..4321)], trnG-UCC [8614..8636], trnG-UCC [9363..9411], ycf3 [complement(43518..43745)], ycf3 [complement(44467..44592)], trnL-UAA [46954..46990], trnL-UAA [47503..47552], trnV-UAC [complement(51400..51436)], trnV-UAC [complement(52042..52080)], rps12 [140843..140868], rpl2 [complement(85218..85607)], trnI-GAU [102569..102610], trnI-GAU [103552..103586], trnA-UGC [103651..103688], trnA-UGC [104489..104523], trnA-UGC [complement(134096..134130)], trnA-UGC [complement(134931..134968)], trnI-GAU [complement(135033..135067)], trnI-GAU [complement(136009..136050)], ndhB [141704..142480], ndhB [143166..143927]	trnK-UUU [complement(1758..4284)], rps16 [complement(5259..6145)], trnG-UCC [8637..9362], atpF [complement(11947..12661)], rpoC1 [complement(21883..22656)], ycf3 [complement(42720..43517)], ycf3 [complement(43746..44466)], trnL-UAA [46991..47502], trnV-UAC [complement(51437..52041)], clpP [complement(69789..70362)], clpP [complement(70655..71549)], petB [74978..75381], petD [76229..76938], rpl16 [complement(81293..82397)], rpl2 [complement(84536..85217)], ndhB [complement(95454..96138)], trnI-GAU [102611..103551], trnA-UGC [103689..104488], ndhA [complement(120300..121391)], trnA-UGC [complement(134131..134930)], trnI-GAU [complement(135068..136008)], ndhB [142481..143165], rpl2 [153402..154083]
662.	CAPY	73	rps12 [complement(101938..101967)], rps12 [complement(102505..102735)], rps12 [complement(73913..74026)], trnK-UUU [complement(1846..1880)], trnK-UUU [complement(4415..4451)], rps16 [complement(5522..5737)], rps16 [complement(6612..6653)], trnS-CGA [10440..10462], trnS-CGA [11190..11227], atpF [complement(13497..13907)], atpF [complement(14659..14802)], rpoC1 [complement(23012..24637)], rpoC1	trnK-UUU [complement(1881..4414)], rps16 [complement(5738..6611)], trnS-CGA [10463..11189], atpF [complement(13908..14658)], rpoC1 [complement(24638..25449)], ycf3 [complement(46615..47390)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(25450..25881)], ycf3 [complement(46462..46614)], ycf3 [complement(47391..47618)], ycf3 [complement(48331..48456)], trnL-UAA [51069..51103], trnL-UAA [51636..51685], trnV-UAC [complement(55273..55307)], trnV-UAC [complement(55949..55986)], rps12 [complement(73913..74026)], rps12 [145182..145413], rps12 [145950..145975], clpP [complement(74165..74392)], clpP [complement(75002..75295)], clpP [complement(76108..76176)], petB [79131..79136], petB [79934..80575], petD [80785..80793], petD [81414..81887], rpl16 [complement(85368..85766)], rpl16 [complement(86842..86850)], rpl2 [complement(88581..89015)], rpl2 [complement(89704..90093)], ndhB [complement(98872..99633)], ndhB [complement(100320..101096)], trnI-GAU [106518..106554], trnI-GAU [107510..107544], trnA-UGC [107609..107646], trnA-UGC [108455..108489], ndhA [complement(124616..125154)], ndhA [complement(126350..126905)], trnA-UGC [complement(139428..139462)], trnA-UGC [complement(140271..140308)], trnI-GAU [complement(140373..140407)], trnI-GAU [complement(141363..141399)], ndhB [146821..147597], ndhB [148284..149045], rpl2 [157824..158213], rpl2 [158902..159336]</p>	<p>[complement(47619..48330)], trnL-UAA [51104..51635], trnV-UAC [complement(55308..55948)], clpP [complement(74393..75001)], clpP [complement(75296..76107)], petB [79137..79933], petD [80794..81413], rpl16 [complement(85767..86841)], rpl2 [complement(89016..89703)], ndhB [complement(99634..100319)], trnI-GAU [106555..107509], trnA-UGC [107647..108454], ndhA [complement(125155..126349)], trnA-UGC [complement(139463..140270)], trnI-GAU [complement(140408..141362)], ndhB [147598..148283], rpl2 [158214..158901]</p>
663.	CARA	52	<p>rps12 [complement(102157..102414)], rps12 [complement(70584..70709)], trnK-UUU [complement(1849..1877)], trnK-UUU [complement(4363..4399)], trnV-UAC [10017..10055], trnV-UAC [10634..10670], trnL-UAA [complement(13991..14040)], trnL-UAA [complement(14561..14597)], ycf3 [17604..17727], ycf3 [18430..18659], ycf3 [19530..19682], rpoC1 [40045..40474], rpoC1 [41269..42893], atpF [50902..51073], atpF [51754..52160], trnG-UCC [complement(54330..54378)], trnG-UCC [complement(55056..55078)], clpP [complement(72969..73193)], clpP [complement(73976..74338)], petB [77274..77279], petB [78106..78747], petD [78952..78960], petD [79671..80144], rpl16 [complement(84340..84744)], rpl16 [complement(85838..85846)], rpl2 [complement(89344..89813)], rpl2 [complement(90467..90860)], ndhB [complement(99104..99865)], ndhB [complement(100543..101265)], trnI-GAU [106585..106626], trnI-GAU [107574..107608], trnA-UGC [107673..107710], trnA-UGC [108522..108556],</p>	<p>trnK-UUU [complement(1878..4362)], trnV-UAC [10056..10633], trnL-UAA [complement(14041..14560)], ycf3 [17728..18429], ycf3 [18660..19529], rpoC1 [40475..41268], atpF [51074..51753], trnG-UCC [complement(54379..55055)], clpP [complement(73194..73975)], petB [77280..78105], petD [78961..79670], rpl16 [complement(84745..85837)], rpl2 [complement(89814..90466)], ndhB [complement(99866..100542)], trnI-GAU [106627..107573], trnA-UGC [107711..108521], ndhA [121771..122955]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [121218..121770], ndhA [122956..123494]	
664.	CARB	25	rps12 [143475..143500], rpl2 [complement(86417..86807)]	trnK-UUU [complement(2092..4584)], rps16 [complement(5835..6710)], trnG-UCC [9502..10207], atpF [complement(12666..13391)], rpoC1 [complement(23192..23937)], ycf3 [complement(44572..45343)], ycf3 [complement(45574..46291)], trnL-UAA [48976..49454], trnV-UAC [complement(53528..54135)], clpP [complement(70989..71752)], clpP [complement(72044..72796)], petB [75785..76603], petD [77457..78162], rpl16 [complement(82532..83583)], rpl2 [complement(85757..86416)], ndhB [complement(96682..97381)], trnI-GAU [103659..104603], trnA-UGC [104746..105545], ndhA [118625..119682], trnA-UGC [complement(136952..137751)], trnI-GAU [complement(137894..138838)], ndhB [145116..145815], rpl2 [156081..156740]
665.	CARE	70	rps12 [complement(100676..100918)], rps12 [complement(72199..72312)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4269..4305)], rps16 [complement(5072..5298)], rps16 [complement(6154..6193)], trnG-GCC [9803..9825], trnG-GCC [10526..10562], atpF [complement(12582..12992)], atpF [complement(13709..13852)], rpoC1 [complement(21775..23391)], rpoC1 [complement(24133..24567)], ycf3 [complement(44404..44556)], ycf3 [complement(45294..45521)], ycf3 [complement(46242..46367)], trnL-UAA [49618..49654], trnL-UAA [50174..50223], trnV-UAC [complement(53364..53400)], trnV-UAC [complement(53988..54026)], rps12 [142663..142905], clpP [complement(72462..72689)], clpP	trnK-UUU [complement(1776..4268)], rps16 [complement(5299..6153)], trnG-GCC [9826..10525], atpF [complement(12993..13708)], rpoC1 [complement(23392..24132)], ycf3 [complement(44557..45293)], ycf3 [complement(45522..46241)], trnL-UAA [49655..50173], trnV-UAC [complement(53401..53987)], clpP [complement(72690..73284)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73285..73573)], clpP [complement(74365..74435)], petB [77343..77348], petB [78126..78767], petD [78956..78963], petD [79711..80185], rpl16 [complement(83656..84054)], rpl16 [complement(85076..85084)], rpl2 [complement(86712..87146)], rpl2 [complement(87817..88206)], ndhB [complement(97067..97822)], ndhB [complement(98502..99278)], trnI-GAU [104833..104874], trnI-GAU [105822..105856], trnA-UGC [105921..105958], trnA-UGC [106771..106805], ndhA [complement(122232..122771)], ndhA [complement(123857..124408)], trnA-UGC [complement(136766..136800)], trnA-UGC [complement(137613..137650)], trnI-GAU [complement(137715..137749)], trnI-GAU [complement(138696..138737)], ndhB [144303..145079], ndhB [145759..146514], rpl2 [155371..155761], rpl2 [156432..156865]	[complement(73574..74364)], petB [77349..78125], petD [78964..79710], rpl16 [complement(84055..85075)], rpl2 [complement(87147..87816)], ndhB [complement(97823..98501)], trnI-GAU [104875..105821], trnA-UGC [105959..106770], ndhA [complement(122772..123856)], trnA-UGC [complement(136801..137612)], trnI-GAU [complement(137750..138695)], ndhB [145080..145758], rpl2 [155762..156431]
666.	CARH	44	petB [10375..10379], petB [11044..11686], petD [11809..11816], petD [12399..13119], rpl16 [complement(16142..16558)], rpl16 [complement(17339..17347)], rpl2 [complement(19383..19813)], rpl2 [complement(20446..20845)], ndhB [complement(30214..30969)], ndhB [complement(31588..32310)], rps12 [113297..113410], rps12 [complement(33603..33834)], rps12 [complement(33085..33110)], trnI-GAU [37473..37509], trnI-GAU [38395..38429], trnA-UGC [38478..38515], trnA-UGC [39298..39332], ndhA [48960..49517], ndhA [50256..50804], trnL-UAG [complement(55268..55317)], trnL-UAG [complement(55728..55762)], ycf3 [57541..57666], ycf3 [58335..58560], ycf3 [59244..59401], rpoC1 [complement(81596..83250)], rpoC1 [complement(83837..84380)], trnK-UUU [complement(107860..107894)], trnK-UUU [complement(110224..110260)], atpF [complement(118486..118895)], atpF [complement(119542..119695)]	petB [10380..11043], petD [11817..12398], rpl16 [complement(16559..17338)], rpl2 [complement(19814..20445)], ndhB [complement(30970..31587)], trnI-GAU [37510..38394], trnA-UGC [38516..39297], ndhA [49518..50255], trnL-UAG [complement(55318..55727)], ycf3 [57667..58334], ycf3 [58561..59243], rpoC1 [complement(83251..83836)], trnK-UUU [complement(107895..110223)], atpF [complement(118896..119541)]
667.	CARI	64	rps12 [complement(87322..87350)], rps12 [complement(87891..88122)], rps12 [complement(65548..65661)], trnK-UUU [complement(1391..1425)], trnK-UUU [complement(3919..3955)], rps16 [complement(4513..4730)], rps16 [complement(5564..5603)], trnG-UCC [complement(12488..12535)], trnG-UCC [complement(13211..13233)], atpF [31226..31370], atpF [32205..32611], ycf3 [complement(40426..40586)], ycf3 [complement(41308..41533)], ycf3 [complement(42289..42414)], trnL-UAA [45202..45236], trnL-UAA	trnK-UUU [complement(1426..3918)], rps16 [complement(4731..5563)], trnG-UCC [complement(12536..13210)], atpF [31371..32204], ycf3 [complement(40587..41307)], ycf3 [complement(41534..42288)], trnL-UAA [45237..45780], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[45781..45830], trnV-UAC [complement(49311..49347)], trnV-UAC [complement(49952..49990)], rps12 [124755..124986], rps12 [125527..125555], petB [69424..69429], petB [70193..70834], petD [71023..71030], petD [71767..72241], rpl16 [complement(75834..76235)], rpl16 [complement(77109..77117)], rpl2 [complement(79120..79550)], rpl2 [complement(80214..80604)], ndhB [complement(84254..85009)], ndhB [complement(85722..86498)], trnI-GAU [91896..91932], trnI-GAU [92739..92773], trnA-UGC [92839..92876], trnA-UGC [93688..93722], ndhA [complement(109683..110221)], ndhA [complement(111248..111797)], trnA-UGC [complement(119155..119189)], trnA-UGC [complement(120001..120038)], trnI-GAU [complement(120104..120138)], trnI-GAU [complement(120945..120981)], ndhB [126379..127155], ndhB [127868..128623], rpl2 [132273..132663], rpl2 [133327..133757]	[complement(49348..49951)], petB [69430..70192], petD [71031..71766], rpl16 [complement(76236..77108)], rpl2 [complement(79551..80213)], ndhB [complement(85010..85721)], trnI-GAU [91933..92738], trnA-UGC [92877..93687], ndhA [complement(110222..111247)], trnA-UGC [complement(119190..120000)], trnI-GAU [complement(120139..120944)], ndhB [127156..127867], rpl2 [132664..133326]
668.	CARN	66	rps12 [complement(100337..100579)], rps12 [complement(71882..71995)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4265..4301)], rps16 [complement(5067..5293)], rps16 [complement(6164..6203)], atpF [complement(12590..12997)], atpF [complement(13702..13860)], rpoC1 [complement(21798..23423)], rpoC1 [complement(24159..24590)], ycf3 [complement(44077..44229)], ycf3 [complement(44967..45194)], ycf3 [complement(45915..46040)], trnL-UAA [49275..49311], trnL-UAA [49835..49884], trnV-UAC [complement(53048..53084)], trnV-UAC [complement(53671..53709)], rps12 [142364..142606], clpP [complement(72145..72429)], clpP [complement(72969..73259)], clpP [complement(74056..74124)], petB [77026..77031], petB [77809..78450], rpl16 [complement(83333..83731)], rpl16 [complement(84748..84756)], rpl2 [complement(86378..86812)], rpl2 [complement(87480..87872)], ndhB [complement(96733..97488)], ndhB [complement(98168..98944)], trnI-GAU [104499..104540], trnI-GAU [105488..105522], trnI-GAU [104499..104535], trnA-UGC [105587..105624], trnA-UGC [106437..106471], ndhA [complement(121955..122491)], ndhA [complement(123578..124129)], trnA-UGC [complement(136472..136506)], trnA-UGC [complement(137319..137356)], trnI-GAU [complement(137421..137455)],	trnK-UUU [complement(1776..4264)], rps16 [complement(5294..6163)], atpF [complement(12998..13701)], rpoC1 [complement(23424..24158)], ycf3 [complement(44230..44966)], ycf3 [complement(45195..45914)], trnL-UAA [49312..49834], trnV-UAC [complement(53085..53670)], clpP [complement(72430..72968)], clpP [complement(73260..74055)], petB [77032..77808], rpl16 [complement(83732..84747)], rpl2 [complement(86813..87479)], ndhB [complement(97489..98167)], trnI-GAU [104541..105487], trnI-GAU [104536..105487], trnA-UGC [105625..106436], ndhA [complement(122492..123577)], trnA-UGC [complement(136507..137318)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138403..138444)], ndhB [143999..144775], ndhB [145455..146210], rpl2 [155071..155463], rpl2 [156131..156565]	[complement(137456..138402)], ndhB [144776..145454], rpl2 [155464..156130]
669.	CARO	2	rps12 [141538..141564], petB [77307..77948]	-
670.	CARP	73	rps12 [complement(101402..101431)], rps12 [complement(101969..102199)], rps12 [complement(73370..73483)], trnK-UUU [complement(1855..1889)], trnK-UUU [complement(4413..4449)], rps16 [complement(5498..5713)], rps16 [complement(6588..6629)], trnS-CGA [9415..9437], trnS-CGA [10169..10206], atpF [complement(12429..12839)], atpF [complement(13589..13732)], rpoC1 [complement(21914..23539)], rpoC1 [complement(24351..24782)], ycf3 [complement(45360..45512)], ycf3 [complement(46295..46522)], ycf3 [complement(47242..47367)], trnL-UAA [49981..50015], trnL-UAA [50548..50597], trnV-UAC [complement(54515..54549)], trnV-UAC [complement(55191..55228)], rps12 [complement(73370..73483)], rps12 [144662..144893], rps12 [145430..145455], clpP [complement(73622..73849)], clpP [complement(74459..74752)], clpP [complement(75566..75634)], petB [78590..78595], petB [79389..80030], petD [80240..80248], petD [80869..81342], rpl16 [complement(84824..85222)], rpl16 [complement(86298..86306)], rpl2 [complement(88045..88479)], rpl2 [complement(89168..89557)], ndhB [complement(98336..99097)], ndhB [complement(99784..100560)], trnI-GAU [105982..106018], trnI-GAU [106974..107008], trnA-UGC [107073..107110], trnA-UGC [107919..107953], ndhA [complement(124092..124630)], ndhA [complement(125828..126383)], trnA-UGC [complement(138907..138941)], trnA-UGC [complement(139751..139788)], trnI-GAU [complement(139853..139887)], trnI-GAU [complement(140843..140879)], ndhB [146301..147077], ndhB [147764..148525], rpl2 [157304..157693], rpl2 [158382..158816]	trnK-UUU [complement(1890..4412)], rps16 [complement(5714..6587)], trnS-CGA [9438..10168], atpF [complement(12840..13588)], rpoC1 [complement(23540..24350)], ycf3 [complement(45513..46294)], ycf3 [complement(46523..47241)], trnL-UAA [50016..50547], trnV-UAC [complement(54550..55190)], clpP [complement(73850..74458)], clpP [complement(74753..75565)], petB [78596..79388], petD [80249..80868], rpl16 [complement(85223..86297)], rpl2 [complement(88480..89167)], ndhB [complement(99098..99783)], trnI-GAU [106019..106973], trnA-UGC [107111..107918], ndhA [complement(124631..125827)], trnA-UGC [complement(138942..139750)], trnI-GAU [complement(139888..140842)], ndhB [147078..147763], rpl2 [157694..158381]
671.	CARS	72	rps12 [complement(97975..98000)], rps12 [complement(98538..98769)], rps12 [complement(69472..69585)], trnK-UUU [complement(1675..1709)], trnK-UUU [complement(4261..4297)], rps16 [complement(5012..5238)], rps16 [complement(6111..6150)], trnG-UCC [8616..8638], trnG-UCC [9354..9402], atpF [complement(11526..11935)], atpF [complement(12615..12759)], rpoC1	trnK-UUU [complement(1710..4260)], rps16 [complement(5239..6110)], trnG-UCC [8639..9353], atpF [complement(11936..12614)], rpoC1 [complement(21842..22641)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20231..21841)], rpoC1 [complement(22642..23073)], ycf3 [complement(42552..42704)], ycf3 [complement(43494..43721)], ycf3 [complement(44425..44550)], trnL-UAA [46932..46968], trnL-UAA [47483..47532], trnV-UAC [complement(51154..51190)], trnV-UAC [complement(51797..51835)], rps12 [140433..140664], rps12 [141202..141227], clpP [complement(69767..69994)], clpP [complement(70571..70862)], clpP [complement(71761..71831)], petB [74775..74780], petB [75576..76217], petD [76415..76422], petD [77151..77625], rpl16 [complement(81107..81502)], rpl16 [complement(82593..82601)], rpl2 [complement(84326..84760)], rpl2 [complement(85443..85832)], ndhB [complement(94917..95678)], ndhB [complement(96364..97086)], trnI-GAU [102787..102828], trnI-GAU [103770..103804], trnA-UGC [103869..103906], trnA-UGC [104707..104741], ndhA [complement(120160..120689)], ndhA [complement(121753..122305)], trnA-UGC [complement(134461..134495)], trnA-UGC [complement(135296..135333)], trnI-GAU [complement(135398..135432)], trnI-GAU [complement(136374..136415)], ndhB [142116..142838], ndhB [143524..144285], rpl2 [153370..153759], rpl2 [154442..154876]	[complement(42705..43493)], ycf3 [complement(43722..44424)], trnL-UAA [46969..47482], trnV-UAC [complement(51191..51796)], clpP [complement(69995..70570)], clpP [complement(70863..71760)], petB [74781..75575], petD [76423..77150], rpl16 [complement(81503..82592)], rpl2 [complement(84761..85442)], ndhB [complement(95679..96363)], trnI-GAU [102829..103769], trnA-UGC [103907..104706], ndhA [complement(120690..121752)], trnA-UGC [complement(134496..135295)], trnI-GAU [complement(135433..136373)], ndhB [142839..143523], rpl2 [153760..154441]
672.	CARU	72	rps12 [complement(97632..97657)], rps12 [complement(98195..98426)], rps12 [complement(69229..69342)], trnK [complement(1698..1732)], trnK [complement(4301..4337)], rps16 [complement(5007..5233)], rps16 [complement(6119..6158)], trnG [8486..8508], trnG [9226..9274], atpF [complement(11381..11790)], atpF [complement(12522..12666)], rpoC1 [complement(20089..21699)], rpoC1 [complement(22502..22933)], ycf3 [complement(42021..42173)], ycf3 [complement(42956..43183)], ycf3 [complement(43899..44024)], trnL [46303..46333], trnL [46843..46892], trnV [complement(50871..50905)], trnV [complement(51505..51543)], rps12 [139998..140229], rps12 [140767..140792], clpP [complement(69522..69749)], clpP [complement(70306..70597)], clpP [complement(71473..71543)], petB [74497..74502], petB [75296..75937], petD [76126..76133], petD [76856..77330], rpl16 [complement(80824..81222)], rpl16 [complement(82294..82302)], rpl2 [complement(83991..84425)], rpl2	trnK [complement(1733..4300)], rps16 [complement(5234..6118)], trnG [8509..9225], atpF [complement(11791..12521)], rpoC1 [complement(21700..22501)], ycf3 [complement(42174..42955)], ycf3 [complement(43184..43898)], trnL [46334..46842], trnV [complement(50906..51504)], clpP [complement(69750..70305)], clpP [complement(70598..71472)], petB [74503..75295], petD [76134..76855], rpl16 [complement(81223..82293)], rpl2 [complement(84426..85107)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85108..85497)], ndhB [complement(94574..95335)], ndhB [complement(96021..96797)], trnI [102440..102476], trnI [103425..103459], trnA [103524..103561], trnA [104353..104387], ndhA [complement(119793..120322)], ndhA [complement(121400..121952)], trnA [complement(134037..134071)], trnA [complement(134863..134900)], trnI [complement(134965..134999)], trnI [complement(135943..135979)], ndhB [141627..142403], ndhB [143089..143850], rpl2 [152927..153316], rpl2 [153999..154433]	[complement(95336..96020)], trnI [102477..103424], trnA [103562..104352], ndhA [complement(120323..121399)], trnA [complement(134072..134862)], trnI [complement(135000..135942)], ndhB [142404..143088], rpl2 [153317..153998]
673.	CASA	67	rps12 [complement(96071..96096)], rps12 [complement(96634..96865)], rps12 [complement(67675..67788)], trnK [complement(1704..1738)], trnK [complement(4295..4331)], trnG [7363..7385], trnG [8103..8151], atpF [complement(10266..10675)], atpF [complement(11407..11551)], rpoC1 [complement(19003..20613)], rpoC1 [complement(21410..21841)], ycf3 [complement(40997..41149)], ycf3 [complement(41957..42184)], trnL [45447..45477], trnL [45987..46036], trnV [complement(49457..49491)], trnV [complement(50093..50131)], rps12 [138439..138670], rps12 [139208..139233], clpP [complement(67970..68197)], clpP [complement(68745..69036)], clpP [complement(69909..69979)], petB [72928..72933], petB [73727..74368], petD [74564..74571], petD [75281..75755], rpl16 [complement(79255..79653)], rpl16 [complement(80726..80734)], rpl2 [complement(82420..82854)], rpl2 [complement(83537..83926)], ndhB [complement(93015..93776)], ndhB [complement(94462..95184)], trnI [100878..100914], trnI [101862..101896], trnA [101961..101998], trnA [102800..102834], ndhA [complement(118144..118673)], ndhA [complement(119765..120317)], trnA [complement(132470..132504)], trnA [complement(133306..133343)], trnI [complement(133408..133442)], trnI [complement(134390..134426)], ndhB [140120..140842], ndhB [141528..142289], rpl2 [151378..151767], rpl2 [152450..152884]	trnK [complement(1739..4294)], trnG [7386..8102], atpF [complement(10676..11406)], rpoC1 [complement(20614..21409)], ycf3 [complement(41150..41956)], trnL [45478..45986], trnV [complement(49492..50092)], clpP [complement(68198..68744)], clpP [complement(69037..69908)], petB [72934..73726], petD [74572..75280], rpl16 [complement(79654..80725)], rpl2 [complement(82855..83536)], ndhB [complement(93777..94461)], trnI [100915..101861], trnA [101999..102799], ndhA [complement(118674..119764)], trnA [complement(132505..133305)], trnI [complement(133443..134389)], ndhB [140843..141527], rpl2 [151768..152449]
674.	CASC	26	trnK-UUU [complement(1384..1423)], trnK-UUU [complement(4008..4044)], rps12 [141409..141434]	trnK-UUU [complement(1424..4007)], rps16 [complement(4932..5811)], trnG-GCC [9534..10237], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12573..13349)], rpoC1 [complement(22409..23107)], ycf3 [complement(42672..43413)], ycf3 [complement(43644..44377)], trnL-UAA [47381..47906], trnV-UAC [complement(52433..53026)], clpP [complement(71562..72230)], clpP [complement(72522..73333)], petB [76884..77108], petD [77994..78728], rpl16 [complement(83044..84022)], rpl2 [complement(86038..86701)], ndhB [complement(97070..97763)], trnI-GAU [103681..104617], trnA-UGC [104755..105570], ndhA [complement(121551..122662)], trnA-UGC [complement(135246..136061)], trnI-GAU [complement(136199..137135)], ndhB [143053..143746], rpl2 [154115..154778]
675.	CASD	77	rps12 [complement(185585..185623)], rps12 [complement(186169..186396)], rps12 [complement(90123..90236)], trnK-UUU [complement(1813..1847)], trnK-UUU [complement(4515..4551)], rpoC1 [complement(14559..16193)], rpoC1 [complement(16912..17346)], trnV-UAC [36684..36719], trnV-UAC [37320..37356], trnL-UAA [complement(40649..40698)], trnL-UAA [complement(41307..41341)], atpF [45581..45776], atpF [46590..46996], trnG- GCC [complement(48950..48997)], trnG-GCC [complement(49717..49740)], petD [complement(57835..58311)], petD [complement(59099..59104)], petB [complement(59289..59945)], petB [complement(60753..60758)], rps12 [complement(90123..90236)], rps12 [111316..111543], rps12 [112089..112127], ycf3 [complement(91937..92097)], ycf3 [complement(92839..93064)], ycf3 [complement(93860..93991)], rps16 [complement(95778..95985)], rps16 [complement(96849..96892)], rpl16 [complement(99401..99800)], rpl16 [complement(100567..100574)], rpl2	trnK-UUU [complement(1848..4514)], rpoC1 [complement(16194..16911)], trnV- UAC [36720..37319], trnL-UAA [complement(40699..41306)], atpF [45777..46589], trnG-GCC [complement(48998..49716)], petD [complement(58312..59098)], petB [complement(59946..60752)], ycf3 [complement(92098..92838)], ycf3 [complement(93065..93859)], rps16 [complement(95986..96848)], rpl16 [complement(99801..100566)], rpl2 [complement(103505..104141)], ndhB [115097..115786], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(103073..103504)], rpl2 [complement(104142..104534)], ndhB [114320..115096], ndhB [115787..116542], trnI-GAU [127244..127285], trnI-GAU [128209..128243], ycf68 [127385..127426], ycf68 [127458..127760], trnA-UGC [128303..128340], trnA-UGC [129142..129176], ndhA [140677..141225], ndhA [142273..142812], ndhA [complement(154900..155439)], ndhA [complement(156487..157035)], trnA-UGC [complement(168536..168570)], trnA-UGC [complement(169372..169409)], trnI-GAU [complement(169469..169503)], trnI-GAU [complement(170427..170468)], ycf68 [complement(169952..170254)], ycf68 [complement(170286..170327)], ndhB [complement(181170..181925)], ndhB [complement(182616..183392)], rpl2 [193178..193570], rpl2 [194208..194639]	[127286..128208], ycf68 [127427..127457], trnA-UGC [128341..129141], ndhA [141226..142272], ndhA [complement(155440..156486)], trnA-UGC [complement(168571..169371)], trnI-GAU [complement(169504..170426)], ycf68 [complement(170255..170285)], ndhB [complement(181926..182615)], rpl2 [193571..194207]
676.	CASE	2	rps12 [complement(73666..73779)], rps12 [145066..145091]	-
677.	CASG	73	rps12 [complement(103828..103854)], rps12 [complement(104391..104621)], rps12 [complement(75730..75843)], trnK-UUU [complement(1840..1874)], trnK-UUU [complement(4374..4410)], rps16 [complement(5484..5711)], rps16 [complement(6606..6647)], trnG-GCC [10553..10575], trnG-GCC [11299..11347], atpF [complement(13531..13941)], atpF [complement(14755..14898)], rpoC1 [complement(23029..24654)], rpoC1 [complement(25483..25914)], ycf3 [complement(47530..47682)], ycf3 [complement(48452..48679)], ycf3 [complement(49392..49517)], trnL-UAA [52693..52727], trnL-UAA [53212..53261], trnV-UAC [complement(56768..56802)], trnV-UAC [complement(57433..57470)], rps12 [complement(75730..75843)], rps12 [146682..146913], rps12 [147450..147475], clpP [complement(76007..76234)], clpP [complement(76873..77166)], clpP [complement(78019..78087)], petB [81030..81035], petB [81872..82513], petD [82722..82730], petD [83349..83822], rpl16 [complement(87268..87666)], rpl16 [complement(88773..88781)], rpl2 [complement(90524..90958)], rpl2 [complement(91643..92032)], ndhB [complement(100771..101526)], ndhB [complement(102207..102983)], trnI-GAU [108249..108285], trnI-GAU [109241..109275], trnA-UGC [109340..109377], trnA-UGC [110178..110212],	trnK-UUU [complement(1875..4373)], rps16 [complement(5712..6605)], trnG-GCC [10576..11298], atpF [complement(13942..14754)], rpoC1 [complement(24655..25482)], ycf3 [complement(47683..48451)], ycf3 [complement(48680..49391)], trnL-UAA [52728..53211], trnV-UAC [complement(56803..57432)], clpP [complement(76235..76872)], clpP [complement(77167..78018)], petB [81036..81871], petD [82731..83348], rpl16 [complement(87667..88772)], rpl2 [complement(90959..91642)], ndhB [complement(101527..102206)], trnI-GAU [108286..109240], trnA-UGC [109378..110177], ndhA [complement(126929..127980)], trnA-UGC [complement(141126..141925)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(126389..126928)], ndhA [complement(127981..128532)], trnA-UGC [complement(141091..141125)], trnA-UGC [complement(141926..141963)], trnI-GAU [complement(142028..142062)], trnI-GAU [complement(143018..143054)], ndhB [148320..149096], ndhB [149777..150532], rpl2 [159271..159660], rpl2 [160309..160779]	[complement(142063..143017)], ndhB [149097..149776], rpl2 [159661..160308]
678.	CASI	10	rps12 [complement(100163..100188)], rps12 [complement(100725..100956)], rps12 [complement(72233..72346)], rps12 [142793..143024], rps12 [143561..143586], petB [77387..77392]	trnV-UAC [complement(53430..54015)], petB [77393..78169], ndhB [complement(97861..98539)], ndhA [complement(122900..123977)]
679.	CASL	8	rps12 [complement(104154..104396)], rps12 [complement(75433..75546)], rps12 [146387..146599], petB [80752..80757], petB [81585..82226], ndhB [149444..150199]	petB [80758..81584], ndhB [148764..149443]
680.	CASS	36	rps12 [complement(99743..99768)], rps12 [complement(100305..100536)], rps12 [complement(71847..71960)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4264..4300)], trnL-UAA [49250..49284], trnL-UAA [49810..49859], trnV-UAC [complement(53008..53044)], trnV-UAC [complement(53631..53669)], rps12 [142267..142498], rps12 [143035..143060], trnI-GAU [104466..104507], trnI-GAU [105455..105489], trnI-GAU [complement(137314..137348)], trnI-GAU [complement(138296..138337)]	trnK-UUU [complement(1776..4263)], atpF [complement(12988..13691)], rpoC1 [complement(23019..23750)], ycf3 [complement(44180..44916)], ycf3 [complement(45145..45862)], trnL-UAA [49285..49809], trnV-UAC [complement(53045..53630)], clpP [complement(72395..72936)], clpP [complement(73228..74023)], petB [77001..77757], petD [78612..79307], rpl16 [complement(83707..84728)], rpl2 [complement(86800..87466)], ndhB [complement(97441..98119)], trnI-GAU [104508..105454], trnA-UGC [105592..106403], ndhA [complement(122374..123470)], trnA-UGC [complement(136400..137211)], trnI-GAU [complement(137349..138295)], ndhB [144684..145362], rpl2 [155334..156003]
681.	CAST	75	rps12 [complement(97748..97773)], rps12 [complement(98311..98542)],	trnK-UUU [complement(1759..4326)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(70040..70153)], trnK-UUU [complement(1724..1758)], trnK-UUU [complement(4327..4363)], rps16 [complement(5262..5489)], rps16 [complement(6372..6413)], trnG-UCC [9421..9443], trnG-UCC [10143..10191], atpF [complement(12359..12768)], atpF [complement(13523..13667)], rpoC1 [complement(21062..22672)], rpoC1 [complement(23494..23925)], ycf3 [complement(43170..43322)], ycf3 [complement(44089..44316)], ycf3 [complement(45059..45184)], trnL-UAA [47734..47768], trnL-UAA [48182..48231], trnV-UAC [complement(51351..51385)], trnV-UAC [complement(51968..52005)], rps12 [139340..139571], rps12 [140109..140134], clpP [complement(70332..70559)], clpP [complement(71268..71559)], clpP [complement(72416..72486)], petB [75368..75373], petB [76087..7628], petD [76929..76936], petD [77671..78145], rpl16 [complement(81362..81760)], rpl16 [complement(82699..82707)], rps3 [complement(82863..83243)], rps3 [complement(83258..83512)], rpl2 [complement(84420..84854)], rpl2 [complement(85544..85933)], ndhB [complement(94687..95442)], ndhB [complement(96128..96904)], trnI-GAU [102141..102177], trnI-GAU [103123..103157], trnA-UGC [103222..103259], trnA-UGC [104063..104097], ndhA [complement(118944..119482)], ndhA [complement(120722..121274)], trnA-UGC [complement(133785..133819)], trnA-UGC [complement(134623..134660)], trnI-GAU [complement(134725..134759)], trnI-GAU [complement(135705..135741)], ndhB [140978..141754], ndhB [142440..143195], rpl2 [151949..152338], rpl2 [153028..153462]</p>	<p>[complement(5490..6371)], trnG-UCC [9444..10142], atpF [complement(12769..13522)], rpoC1 [complement(22673..23493)], ycf3 [complement(43323..44088)], ycf3 [complement(44317..45058)], trnL-UAA [47769..48181], trnV-UAC [complement(51386..51967)], clpP [complement(70560..71267)], clpP [complement(71560..72415)], petB [75374..76086], petD [76937..77670], rpl16 [complement(81761..82698)], rps3 [complement(83244..83257)], rpl2 [complement(84855..85543)], ndhB [complement(95443..96127)], trnI-GAU [102178..103122], trnA-UGC [103260..104062], ndhA [complement(119483..120721)], trnA-UGC [complement(133820..134622)], trnI-GAU [complement(134760..135704)], ndhB [141755..142439], rpl2 [152339..153027]</p>
682.	CASY	70	<p>rps12 [complement(101674..101699)], rps12 [complement(102247..102478)], rps12 [complement(71614..71727)], trnK-UUU [complement(1440..1465)], trnK-UUU [complement(4359..4395)], rps16 [complement(4890..5134)], rps16 [complement(6065..6104)], trnG-GCC [9839..9861], trnG-GCC [10552..10598], atpF [complement(12569..12979)], atpF [complement(13916..14059)], rpoC1 [complement(21452..23068)], rpoC1 [complement(23834..24268)], ycf3 [complement(43693..43845)], ycf3 [complement(44616..44845)], ycf3 [complement(45567..45690)], trnL-UAA [48238..48272], trnL-UAA [48850..48899], trnV-UAC</p>	<p>trnK-UUU [complement(1466..4358)], rps16 [complement(5135..6064)], trnG-GCC [9862..10551], atpF [complement(12980..13915)], rpoC1 [complement(23069..23833)], ycf3 [complement(43846..44615)], ycf3 [complement(44846..45566)], trnL-UAA [48273..48849], trnV-UAC [complement(52841..53423)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52806..52840)], trnV-UAC [complement(53424..53462)], clpP [complement(71867..72118)], clpP [complement(72789..73079)], clpP [complement(74114..74182)], petB [77916..77921], petB [78672..79313], petD [79499..79506], petD [80351..80834], rpl16 [complement(84472..84870)], rpl16 [complement(86098..86106)], rpl2 [complement(88072..88503)], rpl2 [complement(89155..89541)], ndhB [complement(98593..99348)], ndhB [complement(100048..100824)], trnI-GAU [106089..106130], trnI-GAU [107069..107103], trnA-UGC [107168..107205], trnA-UGC [108007..108041], ndhA [complement(123624..124163)], ndhA [complement(125301..125852)], trnA-UGC [complement(138081..138115)], trnA-UGC [complement(138917..138954)], trnI-GAU [complement(139019..139053)], trnI-GAU [complement(139992..140033)], ndhB [145298..146074], ndhB [146774..147529], rpl2 [156581..156967], rpl2 [157619..158050]	[complement(72119..72788)], clpP [complement(73080..74113)], petB [77922..78671], petD [79507..80350], rpl16 [complement(84871..86097)], rpl2 [complement(88504..89154)], ndhB [complement(99349..100047)], trnI-GAU [106131..107068], trnA-UGC [107206..108006], ndhA [complement(124164..125300)], trnA-UGC [complement(138116..138916)], trnI-GAU [complement(139054..139991)], ndhB [146075..146773], rpl2 [156968..157618]
683.	CASZ	73	rps12 [complement(100114..100139)], rps12 [complement(100676..100907)], rps12 [complement(72192..72305)], trnK-UUU [complement(1743..1777)], trnK-UUU [complement(4261..4297)], rps16 [complement(5074..5298)], rps16 [complement(6172..6210)], trnG [9817..9839], trnG [10535..10582], atpF [complement(12601..13008)], atpF [complement(13713..13871)], rpoC1 [complement(21814..23439)], rpoC1 [complement(24172..24606)], ycf3 [complement(44445..44597)], ycf3 [complement(45335..45562)], ycf3 [complement(46283..46408)], trnL-UAA [49660..49696], trnL-UAA [50220..50269], trnV-UAC [complement(53412..53448)], trnV-UAC [complement(54035..54073)], rps12 [complement(72192..72305)], rps12 [142777..143008], rps12 [143545..143570], clpP [complement(72455..72739)], clpP [complement(73281..73571)], clpP [complement(74368..74436)], petB [77350..77355], petB [78118..78774], petD [78963..78971], petD [79668..80192], rpl16 [complement(83662..84063)], rpl16 [complement(85083..85091)], rpl2 [complement(86719..87153)], rpl2 [complement(87821..88213)], ndhB [complement(97056..97811)], ndhB [complement(98491..99267)], trnI-GAU [104837..104878], trnI-GAU [105826..105860], trnA-UGC [105925..105962], trnA-UGC [106775..106809], ndhA [complement(122318..122857)], ndhA [complement(123954..124505)],	trnK-UUU [complement(1778..4260)], rps16 [complement(5299..6171)], trnG [9840..10534], atpF [complement(13009..13712)], rpoC1 [complement(23440..24171)], ycf3 [complement(44598..45334)], ycf3 [complement(45563..46282)], trnL-UAA [49697..50219], trnV-UAC [complement(53449..54034)], clpP [complement(72740..73280)], clpP [complement(73572..74367)], petB [77356..78117], petD [78972..79667], rpl16 [complement(84064..85082)], rpl2 [complement(87154..87820)], ndhB [complement(97812..98490)], trnI-GAU [104879..105825], trnA-UGC [105963..106774], ndhA [complement(122858..123953)], trnA-UGC [complement(136910..137721)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(136875..136909)], trnA-UGC [complement(137722..137759)], trnI-GAU [complement(137824..137858)], trnI-GAU [complement(138806..138847)], ndhB [144417..145193], ndhB [145873..146628], rpl2 [155471..155860], rpl2 [156531..156965]	[complement(137859..138805)], ndhB [145194..145872], rpl2 [155861..156530]
684.	CATA	73	rps12 [complement(100138..100163)], rps12 [complement(100700..100931)], rps12 [complement(72257..72370)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4265..4301)], rps16 [complement(5088..5312)], rps16 [complement(6188..6226)], trnG [9840..9862], trnG [10558..10605], atpF [complement(12625..13032)], atpF [complement(13737..13895)], rpoC1 [complement(21831..23456)], rpoC1 [complement(24189..24623)], ycf3 [complement(44482..44634)], ycf3 [complement(45372..45599)], ycf3 [complement(46320..46445)], trnL-UAA [49696..49732], trnL-UAA [50256..50305], trnV-UAC [complement(53445..53481)], trnV-UAC [complement(54068..54106)], rps12 [complement(72257..72370)], rps12 [142716..142947], rps12 [143484..143509], clpP [complement(72520..72804)], clpP [complement(73344..73634)], clpP [complement(74431..74499)], petB [77417..77422], petB [78179..78835], petD [79024..79032], petD [79729..80253], rpl16 [complement(83723..84124)], rpl16 [complement(85143..85151)], rpl2 [complement(86779..87213)], rpl2 [complement(87881..88273)], ndhB [complement(97080..97835)], ndhB [complement(98515..99291)], trnI-GAU [104851..104892], trnI-GAU [105840..105874], trnA-UGC [105939..105976], trnA-UGC [106789..106823], ndhA [complement(122284..122823)], ndhA [complement(123921..124472)], trnA-UGC [complement(136824..136858)], trnA-UGC [complement(137671..137708)], trnI-GAU [complement(137773..137807)], trnI-GAU [complement(138755..138796)], ndhB [144356..145132], ndhB [145812..146567], rpl2 [155374..155763], rpl2 [156434..156868]	trnK-UUU [complement(1776..4264)], rps16 [complement(5313..6187)], trnG [9863..10557], atpF [complement(13033..13736)], rpoC1 [complement(23457..24188)], ycf3 [complement(44635..45371)], ycf3 [complement(45600..46319)], trnL-UAA [49733..50255], trnV-UAC [complement(53482..54067)], clpP [complement(72805..73343)], clpP [complement(73635..74430)], petB [77423..78178], petD [79033..79728], rpl16 [complement(84125..85142)], rpl2 [complement(87214..87880)], ndhB [complement(97836..98514)], trnI-GAU [104893..105839], trnA-UGC [105977..106788], ndhA [complement(122824..123920)], trnA-UGC [complement(136859..137670)], trnI-GAU [complement(137808..138754)], ndhB [145133..145811], rpl2 [155764..156433]
685.	CATE	67	rps12 [complement(102872..102901)], rps12 [complement(103439..103669)], rps12 [complement(74846..74959)], rps16 [complement(5380..5595)], rps16 [complement(6470..6511)], trnS-CGA [10208..10230], trnS-CGA [10958..10995], atpF [complement(13207..13617)], atpF [complement(14368..14511)], rpoC1 [complement(22693..24318)], rpoC1	rps16 [complement(5596..6469)], trnS-CGA [10231..10957], atpF [complement(13618..14367)], rpoC1 [complement(24319..25130)], ycf3 [complement(46627..47408)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(25131..25562)], ycf3 [complement(46474..46626)], ycf3 [complement(47409..47636)], ycf3 [complement(48356..48481)], trnL-UAA [51581..51615], trnL-UAA [52148..52197], trnV-UAC [complement(55758..55792)], trnV-UAC [complement(56434..56471)], rps12 [complement(74846..74959)], rps12 [145881..146112], rps12 [146649..146674], clpP [complement(75098..75325)], clpP [complement(75935..76228)], clpP [complement(77042..77110)], petD [81714..81722], petD [82343..82816], rpl16 [complement(86297..86695)], rpl16 [complement(87772..87780)], rpl2 [complement(89515..89949)], rpl2 [complement(90638..91027)], ndhB [complement(99806..100567)], ndhB [complement(101254..102030)], trnI-GAU [107452..107488], trnI-GAU [108444..108478], trnA-UGC [108543..108580], trnA-UGC [109389..109423], ndhA [complement(125333..125871)], ndhA [complement(127069..127624)], trnA-UGC [complement(140127..140161)], trnA-UGC [complement(140970..141007)], trnI-GAU [complement(141072..141106)], trnI-GAU [complement(142062..142098)], ndhB [147520..148296], ndhB [148983..149744], rpl2 [158523..158912], rpl2 [159601..160035]	[complement(47637..48355)], trnL-UAA [51616..52147], trnV-UAC [complement(55793..56433)], clpP [complement(75326..75934)], clpP [complement(76229..77041)], petD [81723..82342], rpl16 [complement(86696..87771)], rpl2 [complement(89950..90637)], ndhB [complement(100568..101253)], trnI-GAU [107489..108443], trnA-UGC [108581..109388], ndhA [complement(125872..127068)], trnA-UGC [complement(140162..140969)], trnI-GAU [complement(141107..142061)], ndhB [148297..148982], rpl2 [158913..159600]
686.	CATI	67	rps12 [complement(97352..97377)], rps12 [complement(97913..98144)], rps12 [complement(69731..69844)], trnK-UUU [complement(1908..1942)], trnK-UUU [complement(4474..4510)], rps16 [complement(5186..5412)], rps16 [complement(6258..6297)], rpoC1 [15938..16366], rpoC1 [17101..18741], atpF [26643..26801], atpF [27434..27904], ycf3 [complement(41885..42037)], ycf3 [complement(42780..43007)], ycf3 [complement(43705..43830)], trnL-UAA [46717..46753], trnL-UAA [47194..47243], trnV-UAC [complement(51363..51399)], trnV-UAC [complement(51974..52011)], clpP [complement(69994..70221)], clpP [complement(70838..71128)], clpP [complement(71939..72007)], petB [74920..74925], petB [75685..76338], petD [76527..76534], petD [77234..77708], rpl16 [complement(81168..81566)], rpl16 [complement(82580..82588)], rpl2 [complement(84261..84695)], rpl2 [complement(85358..85750)], ndhB [complement(94343..95098)], ndhB [complement(95765..96541)], trnI-GAU [102069..102111], trnI-GAU [103048..103082], trnA-UGC [103147..103184], trnA-UGC [104006..104040],	trnK-UUU [complement(1943..4473)], rps16 [complement(5413..6257)], rpoC1 [16367..17100], atpF [26802..27433], ycf3 [complement(42038..42779)], ycf3 [complement(43008..43704)], trnL-UAA [46754..47193], trnV-UAC [complement(51400..51973)], clpP [complement(70222..70837)], clpP [complement(71129..71938)], petB [74926..75684], petD [76535..77233], rpl16 [complement(81567..82579)], rpl2 [complement(84696..85357)], ndhB [complement(95099..95764)], trnI-GAU [102112..103047], trnA-UGC [103185..104005], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(119187..119726)], ndhA [complement(120780..121331)], trnA-UGC [complement(133241..133275)], trnA-UGC [complement(134097..134134)], trnI-GAU [complement(134199..134233)], trnI-GAU [complement(135170..135212)], ndhB [140740..141516], ndhB [142183..142938], rpl2 [151531..151923], rpl2 [152586..153020]	[complement(119727..120779)], trnA-UGC [complement(133276..134096)], trnI-GAU [complement(134234..135169)], ndhB [141517..142182], rpl2 [151924..152585]
687.	CATK	35	trnK-UUU [complement(1786..1820)], trnK-UUU [complement(4367..4403)], trnG-UCC [9117..9139], trnG-UCC [9844..9891], trnL-UAA [39597..39631], trnL-UAA [40144..40193], trnV-UAC [complement(43707..43741)], trnV-UAC [complement(44325..44362)], trnI-GAU [104972..105014], trnI-GAU [105945..105979], trnA-UGC [106052..106089], trnA-UGC [106899..106933], trnA-UGC [complement(164939..164973)], trnA-UGC [complement(165783..165820)], trnI-GAU [complement(165893..165927)], trnI-GAU [complement(166858..166900)]	trnK-UUU [complement(1821..4366)], trnG-UCC [9140..9843], atpF [complement(12223..12974)], rpl2 [15546..16212], rpl16 [18374..19471], petD [complement(23826..24514)], petB [complement(25357..26185)], trnL-UAA [39632..40143], trnV-UAC [complement(43742..44324)], ycf3 [73624..74416], ycf3 [74647..75380], rpoC1 [80454..81215], ndhB [92406..93079], trnI-GAU [105015..105944], trnA-UGC [106090..106898], ndhA [128559..129589], ndhA [complement(142283..143313)], trnA-UGC [complement(164974..165782)], trnI-GAU [complement(165928..166857)]
688.	CATO	73	rps12 [complement(100936..100961)], rps12 [complement(101498..101729)], rps12 [complement(72935..73051)], trnK-UUU [complement(1842..1876)], trnK-UUU [complement(4378..4414)], rps16 [complement(5107..5333)], rps16 [complement(6199..6238)], trnG-UCC [9423..9445], trnG-UCC [10138..10185], atpF [complement(12144..12553)], atpF [complement(13249..13393)], rpoC1 [complement(21441..23054)], rpoC1 [complement(23797..24249)], ycf3 [complement(44097..44249)], ycf3 [complement(44994..45223)], ycf3 [complement(45969..46092)], trnL-UAA [49154..49188], trnL-UAA [49615..49664], trnV-UAC [complement(53817..53851)], trnV-UAC [complement(54426..54463)], rps12 [complement(72935..73051)], rps12 [142467..142698], rps12 [143235..143260], clpP [complement(73207..73434)], clpP	trnK-UUU [complement(1877..4377)], rps16 [complement(5334..6198)], trnG-UCC [9446..10137], atpF [complement(12554..13248)], rpoC1 [complement(23055..23796)], ycf3 [complement(44250..44993)], ycf3 [complement(45224..45968)], trnL-UAA [49189..49614], trnV-UAC [complement(53852..54425)], clpP [complement(73435..74061)], clpP [complement(74354..75165)], petB [78187..78941], petD [79785..80526], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74062..74353)], clpP [complement(75166..75236)], petB [78181..78186], petB [78942..79583], petD [79777..79784], petD [80527..81001], rpl16 [complement(84423..84818)], rpl16 [complement(85845..85853)], rpl2 [complement(87519..87952)], rpl2 [complement(88619..89009)], ndhB [complement(97930..98685)], ndhB [complement(99365..100141)], trnI-GAU [105463..105499], trnI-GAU [106221..106256], trnA-UGC [106321..106358], trnA-UGC [107170..107204], ndhA [complement(122221..122760)], ndhA [complement(123920..124471)], trnA-UGC [complement(136992..137026)], trnA-UGC [complement(137838..137875)], trnI-GAU [complement(137940..137974)], trnI-GAU [complement(138697..138733)], ndhB [144055..144831], ndhB [145511..146266], rpl2 [155187..155579], rpl2 [156243..156677]	[complement(84819..85844)], rpl2 [complement(87953..88618)], ndhB [complement(98686..99364)], trnI-GAU [105500..106220], trnA-UGC [106359..107169], ndhA [complement(122761..123919)], trnA-UGC [complement(137027..137837)], trnI-GAU [complement(137975..138696)], ndhB [144832..145510], rpl2 [155580..156242]
689.	CATP	24	rps12 [complement(72623..72736)], rps12 [143448..143473]	trnK-UUU [complement(1639..4116)], trnG-UCC [8747..9443], atpF [complement(11869..12591)], rpoC1 [complement(22014..22773)], ycf3 [complement(44786..45531)], ycf3 [complement(45761..46468)], trnL-UAA [49879..50395], trnV-UAC [complement(54562..55149)], clpP [complement(73144..73805)], clpP [complement(74095..74900)], petB [77870..78658], petD [79502..80214], rpl16 [complement(84629..85597)], rpl2 [complement(87775..88438)], ndhB [complement(98338..99037)], trnI-GAU [105439..106384], trnA-UGC [106522..107321], ndhA [complement(123115..123961)], trnA-UGC [complement(136811..137610)], trnI-GAU [complement(137748..138693)], ndhB [145095..145794], rpl2 [155694..156357]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
690.	CATR	73	rps12 [complement(101702..101727)], rps12 [complement(102275..102506)], rps12 [complement(71592..71705)], trnK-UUU [complement(1446..1471)], trnK-UUU [complement(4374..4410)], rps16 [complement(4906..5150)], rps16 [complement(6073..6112)], trnG-GCC [9854..9876], trnG-GCC [10567..10613], atpF [complement(12584..12994)], atpF [complement(13930..14073)], rpoC1 [complement(21467..23083)], rpoC1 [complement(23850..24284)], ycf3 [complement(43706..43858)], ycf3 [complement(44629..44858)], ycf3 [complement(45580..45703)], trnL-UAA [48252..48286], trnL-UAA [48839..48888], trnV-UAC [complement(52796..52830)], trnV-UAC [complement(53414..53452)], rps12 [complement(71592..71705)], rps12 [143559..143790], rps12 [144338..144363], clpP [complement(71845..72096)], clpP [complement(72767..73057)], clpP [complement(74095..74163)], petB [77939..77944], petB [78680..79321], petD [79507..79514], petD [80378..80861], rpl16 [complement(84499..84897)], rpl16 [complement(86126..86134)], rpl2 [complement(88100..88531)], rpl2 [complement(89183..89569)], ndhB [complement(98621..99376)], ndhB [complement(100076..100852)], trnI-GAU [106100..106141], trnI-GAU [107080..107114], trnA-UGC [107179..107216], trnA-UGC [108018..108052], ndhA [complement(123582..124121)], ndhA [complement(125249..125800)], trnA-UGC [complement(138013..138047)], trnA-UGC [complement(138849..138886)], trnI-GAU [complement(138951..138985)], trnI-GAU [complement(139924..139965)], ndhB [145213..145989], ndhB [146689..147444], rpl2 [156490..156882], rpl2 [157534..157965]	trnK-UUU [complement(1472..4373)], rps16 [complement(5151..6072)], trnG-GCC [9877..10566], atpF [complement(12995..13929)], rpoC1 [complement(23084..23849)], ycf3 [complement(43859..44628)], ycf3 [complement(44859..45579)], trnL-UAA [48287..48838], trnV-UAC [complement(52831..53413)], clpP [complement(72097..72766)], clpP [complement(73058..74094)], petB [77945..78679], petD [79515..80377], rpl16 [complement(84898..86125)], rpl2 [complement(88532..89182)], ndhB [complement(99377..100075)], trnI-GAU [106142..107079], trnA-UGC [107217..108017], ndhA [complement(124122..125248)], trnA-UGC [complement(138048..138848)], trnI-GAU [complement(138986..139923)], ndhB [145990..146688], rpl2 [156883..157533]
691.	CATS	49	rps12 [complement(102043..102073)], rps12 [complement(102611..102842)], rps12 [complement(74017..74131)], rps16 [complement(5518..5715)], rps16 [complement(6608..6649)], atpF [complement(13486..13895)], atpF [complement(14645..14792)], rpoC1 [complement(23009..24625)], rpoC1 [complement(25445..25879)], ycf3 [complement(46473..46625)], ycf3 [complement(47402..47631)], ycf3 [complement(48348..48474)], rps12 [complement(74017..74131)], rps12 [145283..145516], rps12 [146051..146079], clpP [complement(74270..74497)], clpP	rps16 [complement(5716..6607)], atpF [complement(13896..14644)], rpoC1 [complement(24626..25444)], ycf3 [complement(46626..47401)], ycf3 [complement(47632..48347)], clpP [complement(74498..75107)], clpP [complement(75402..76212)], petB [79242..80038], petD [80899..81518], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75108..75401)], clpP [complement(76213..76281)], petB [79236..79241], petB [80039..80680], petD [80890..80898], petD [81519..81992], rpl16 [complement(85473..85871)], rpl16 [complement(86947..86955)], rpl2 [complement(88686..89155)], rpl2 [complement(89805..90198)], ndhB [complement(98977..99738)], ndhB [complement(100425..101201)], ndhA [complement(124715..125254)], ndhA [complement(126452..127003)], ndhB [146921..147697], ndhB [148384..149145], rpl2 [157924..158314], rpl2 [158967..159436]	[complement(85872..86946)], rpl2 [complement(89156..89804)], ndhB [complement(99739..100424)], ndhA [complement(125255..126451)], ndhB [147698..148383], rpl2 [158315..158966]
692.	CATU	64	rps12 [complement(87547..87575)], rps12 [complement(88116..88347)], rps12 [complement(65743..65856)], trnK-UUU [complement(1401..1435)], trnK-UUU [complement(3926..3962)], rps16 [complement(4519..4736)], rps16 [complement(5564..5603)], trnG-UCC [complement(12813..12860)], trnG-UCC [complement(13536..13558)], atpF [31780..31924], atpF [32743..33149], ycf3 [complement(40940..41100)], ycf3 [complement(41807..42032)], ycf3 [complement(42782..42907)], trnL-UAA [45467..45501], trnL-UAA [46047..46096], trnV-UAC [complement(49614..49650)], trnV-UAC [complement(50253..50291)], rps12 [124271..124502], rps12 [125043..125071], petB [69636..69641], petB [70394..71035], petD [71226..71233], petD [71976..72450], rpl16 [complement(76088..76489)], rpl16 [complement(77399..77407)], rpl2 [complement(79409..79839)], rpl2 [complement(80503..80893)], ndhB [complement(84472..85227)], ndhB [complement(85947..86723)], trnI-GAU [91919..91955], trnI-GAU [92762..92796], trnA-UGC [92862..92899], trnA-UGC [93711..93745], ndhA [complement(109419..109957)], ndhA [complement(110994..111543)], trnA-UGC [complement(118873..118907)], trnA-UGC [complement(119719..119756)], trnI-GAU [complement(119822..119856)], trnI-GAU [complement(120663..120699)], ndhB [125895..126671], ndhB [127391..128146], rpl2 [131725..132115], rpl2 [132779..133209]	trnK-UUU [complement(1436..3925)], rps16 [complement(4737..5563)], trnG-UCC [complement(12861..13535)], atpF [31925..32742], ycf3 [complement(41101..41806)], ycf3 [complement(42033..42781)], trnL-UAA [45502..46046], trnV-UAC [complement(49651..50252)], petB [69642..70393], petD [71234..71975], rpl16 [complement(76490..77398)], rpl2 [complement(79840..80502)], ndhB [complement(85228..85946)], trnI-GAU [91956..92761], trnA-UGC [92900..93710], ndhA [complement(109958..110993)], trnA-UGC [complement(118908..119718)], trnI-GAU [complement(119857..120662)], ndhB [126672..127390], rpl2 [132116..132778]
693.	CAVE	61	rps12 [complement(90138..90166)], rps12 [complement(90707..90938)], rps12 [complement(66980..67093)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3914..3951)], rps16 [complement(4507..4724)], rps16 [complement(5558..5597)], atpF [32735..32893], atpF [33710..34117], ycf3	trnK-UUU [complement(1412..3913)], rps16 [complement(4725..5557)], atpF [32894..33709], ycf3 [complement(42033..42771)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(41874..42032)], ycf3 [complement(42772..42999)], ycf3 [complement(43769..43900)], trnL-UAA [46529..46563], trnL-UAA [47015..47064], trnV-UAC [complement(50730..50766)], trnV-UAC [complement(51369..51407)], rps12 [127451..127682], rps12 [128223..128251], petB [70848..70853], petB [71606..72253], petD [72436..72443], petD [73184..73658], rpl16 [complement(77243..77644)], rpl16 [complement(78734..78742)], rpl2 [complement(80709..81140)], rpl2 [complement(81804..82193)], ndhB [complement(87071..87826)], ndhB [complement(88531..89307)], trnI-GAU [94766..94807], trnI-GAU [95754..95788], trnA-UGC [95854..95891], trnA-UGC [96702..96736], ndhA [complement(112188..112727)], ndhA [complement(113712..114260)], trnA-UGC [complement(121653..121687)], trnA-UGC [complement(122498..122535)], trnI-GAU [complement(122601..122635)], trnI-GAU [complement(123582..123623)], ndhB [129082..129858], ndhB [130563..131318], rpl2 [136196..136585], rpl2 [137249..137680]	[complement(43000..43768)], trnL-UAA [46564..47014], trnV-UAC [complement(50767..51368)], petB [70854..71605], petD [72444..73183], rpl16 [complement(77645..78733)], rpl2 [complement(81141..81803)], ndhB [complement(87827..88530)], trnI-GAU [94808..95753], trnA-UGC [95892..96701], ndhA [complement(112728..113711)], trnA-UGC [complement(121688..122497)], trnI-GAU [complement(122636..123581)], ndhB [129859..130562], rpl2 [136586..137248]
694.	CAVI	31	rps12 [complement(50392..50418)], rps12 [complement(50938..51168)], petD [complement(13603..14107)], trnI-GAU [55215..55256], trnI-GAU [56146..56180], trnA-UGC [56232..56269], trnA-UGC [57047..57081], trnL-UAA [complement(73953..74002)], trnL-UAA [complement(74287..74324)], trnG-UCC [complement(107899..107946)], trnG-UCC [complement(108702..108724)], trnK-UUU [113789..113825], trnK-UUU [116230..116254], trnV-UAC [complement(124105..124141)], trnV-UAC [complement(124669..124707)]	rpl2 [5960..6601], rpl16 [8791..9619], petD [complement(14108..14761)], petB [complement(15583..16347)], ndhB [complement(48158..48895)], trnI-GAU [55257..56145], trnA-UGC [56270..57046], ndhA [67883..68624], trnL-UAA [complement(74003..74286)], ycf3 [76904..77617], ycf3 [77843..78538], rpoC1 [95626..96362], atpF [104830..105503], trnG-UCC [complement(107947..108701)], trnK-UUU [113826..116229], trnV-UAC [complement(124142..124668)]
695.	CAV M	49	rps12 [complement(101201..101231)], rps12 [complement(101769..102000)], rps12 [complement(73183..73297)], rps16 [complement(5510..5707)], rps16 [complement(6600..6641)], atpF [complement(12758..13167)], atpF [complement(13914..14061)], rpoC1 [complement(22242..23858)], rpoC1 [complement(24676..25110)], ycf3 [complement(45674..45826)], ycf3	rps16 [complement(5708..6599)], atpF [complement(13168..13913)], rpoC1 [complement(23859..24675)], ycf3 [complement(45827..46608)], ycf3 [complement(46839..47554)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(46609..46838)], ycf3 [complement(47555..47681)], rps12 [complement(73183..73297)], rps12 [144493..144726], rps12 [145261..145289], clpP [complement(73436..73663)], clpP [complement(74273..74566)], clpP [complement(75380..75448)], petB [78403..78408], petB [79202..79843], petD [80053..80061], petD [80682..81155], rpl16 [complement(84635..85033)], rpl16 [complement(86109..86117)], rpl2 [complement(87845..88314)], rpl2 [complement(88964..89357)], ndhB [complement(98136..98897)], ndhB [complement(99584..100360)], ndhA [complement(123918..124457)], ndhA [complement(125659..126210)], ndhB [146130..146906], ndhB [147593..148354], rpl2 [157133..157523], rpl2 [158176..158645]	[complement(73664..74272)], clpP [complement(74567..75379)], petB [78409..79201], petD [80062..80681], rpl16 [complement(85034..86108)], rpl2 [complement(88315..88963)], ndhB [complement(98898..99583)], ndhA [complement(124458..125658)], ndhB [146907..147592], rpl2 [157524..158175]
696.	CAYU	72	rps12 [complement(99738..99763)], rps12 [complement(100300..100531)], rps12 [complement(71819..71932)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4263..4299)], rps16 [complement(5065..5289)], rps16 [complement(6148..6186)], trnG [9801..9823], trnG [10519..10566], atpF [complement(12587..12994)], atpF [complement(13699..13857)], rpoC1 [complement(21399..23024)], rpoC1 [complement(23757..24191)], ycf3 [complement(44027..44179)], ycf3 [complement(44917..45144)], ycf3 [complement(45865..45990)], trnL-UAA [49256..49292], trnL-UAA [49816..49865], trnV-UAC [complement(53007..53043)], trnV-UAC [complement(53630..53668)], rps12 [142298..142529], rps12 [143066..143091], clpP [complement(72082..72366)], clpP [complement(72905..73195)], clpP [complement(73992..74060)], petB [76974..76979], petB [77742..78398], petD [78587..78595], petD [79292..79816], rpl16 [complement(83287..83688)], rpl16 [complement(84707..84715)], rpl2 [complement(86343..86777)], rpl2 [complement(87445..87837)], ndhB [complement(96680..97435)], ndhB [complement(98115..98891)], trnI-GAU [104461..104502], trnI-GAU [105450..105484], trnA-UGC [105549..105586], trnA-UGC [106399..106433], ndhA [complement(121889..122428)], ndhA [complement(123526..124077)], trnA-UGC [complement(136396..136430)], trnA-UGC [complement(137243..137280)], trnI-GAU [complement(137345..137379)],	trnK-UUU [complement(1776..4262)], rps16 [complement(5290..6147)], trnG [9824..10518], atpF [complement(12995..13698)], rpoC1 [complement(23025..23756)], ycf3 [complement(44180..44916)], ycf3 [complement(45145..45864)], trnL-UAA [49293..49815], trnV-UAC [complement(53044..53629)], clpP [complement(72367..72904)], clpP [complement(73196..73991)], petB [76980..77741], petD [78596..79291], rpl16 [complement(83689..84706)], rpl2 [complement(86778..87444)], ndhB [complement(97436..98114)], trnI-GAU [104503..105449], trnA-UGC [105587..106398], ndhA [complement(122429..123525)], trnA-UGC [complement(136431..137242)], trnI-GAU [complement(137380..138326)], ndhB [144715..145393], rpl2 [155382..156051]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138327..138368)], ndhB [143938..144714], ndhB [145394..146149], rpl2 [154992..155381], rpl2 [156052..156486]	
697.	CEA M	64	rps12 [complement(92502..92530)], rps12 [complement(93071..93302)], rps12 [complement(69507..69620)], trnK-UUU [complement(1449..1481)], trnK-UUU [complement(3954..3991)], rps16 [complement(4525..4745)], rps16 [complement(5590..5629)], trnG-UCC [complement(13283..13330)], trnG-UCC [complement(14006..14028)], atpF [35142..35300], atpF [36107..36514], ycf3 [complement(44290..44448)], ycf3 [complement(45181..45408)], ycf3 [complement(46142..46273)], trnL-UAA [49017..49051], trnL-UAA [49521..49570], trnV-UAC [complement(53262..53298)], trnV-UAC [complement(53914..53952)], rps12 [129883..130114], rps12 [130655..130683], petB [73340..73345], petB [74092..74739], petD [74928..74935], petD [75663..76137], rpl16 [complement(79709..80110)], rpl16 [complement(81162..81170)], rpl2 [complement(83123..83554)], rpl2 [complement(84215..84619)], ndhB [complement(89431..90186)], ndhB [complement(90897..91673)], trnI-GAU [97156..97197], trnI-GAU [98134..98168], trnA-UGC [98234..98271], trnA-UGC [99082..99116], ndhA [complement(114594..115133)], ndhA [complement(116160..116693)], trnA-UGC [complement(124060..124094)], trnA-UGC [complement(124905..124942)], trnI-GAU [complement(125008..125042)], trnI-GAU [complement(125988..126029)], ndhB [131512..132288], ndhB [132999..133754], rpl2 [138572..138976], rpl2 [139637..140068]	trnK-UUU [complement(1482..3953)], rps16 [complement(4746..5589)], trnG-UCC [complement(13331..14005)], atpF [35301..36106], ycf3 [complement(44449..45180)], ycf3 [complement(45409..46141)], trnL-UAA [49052..49520], trnV-UAC [complement(53299..53913)], petB [73346..74091], petD [74936..75662], rpl16 [complement(80111..81161)], rpl2 [complement(83555..84214)], ndhB [complement(90187..90896)], trnI-GAU [97198..98133], trnA-UGC [98272..99081], ndhA [complement(115134..116159)], trnA-UGC [complement(124095..124904)], trnI-GAU [complement(125043..125987)], ndhB [132289..132998], rpl2 [138977..139636]
698.	CEAR	69	rps12 [complement(97942..97967)], rps12 [complement(98504..98735)], rps12 [complement(70606..70719)], trnH-GUG [complement(153671..153673)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1782..1816)], trnK-UUU [complement(4340..4376)], rps16 [complement(5304..5523)], rps16 [complement(6414..6454)], trnG-UCC [9313..9335], trnG-UCC [10056..10103], atpF [complement(11962..12371)], atpF [complement(13227..13371)], rpoC1 [complement(21040..22647)], rpoC1 [complement(23430..23861)], ycf3 [complement(43532..43684)], ycf3 [complement(44433..44660)], ycf3 [complement(45437..45562)], trnL-UAA [48135..48171], trnL-UAA [48752..48801], trnV-UAC	trnH-GUG [complement(153674..0)], trnK-UUU [complement(1817..4339)], rps16 [complement(5524..6413)], trnG-UCC [9336..10055], atpF [complement(12372..13226)], rpoC1 [complement(22648..23429)], ycf3 [complement(43685..44432)], ycf3 [complement(44661..45436)], trnL-UAA [48172..48751], trnV-UAC [complement(52330..52925)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52295..52329)], trnV-UAC [complement(52926..52963)], rps12 [140073..140304], rps12 [140841..140866], clpP [complement(70857..71084)], clpP [complement(71680..71971)], clpP [complement(72882..72952)], petB [75886..75891], petB [76645..77286], petD [77491..77498], petD [78251..78725], rpl16 [complement(82163..82561)], rpl16 [complement(83573..83581)], ndhB [complement(94918..95673)], ndhB [complement(96348..97124)], trnI-GAU [102285..102321], trnI-GAU [103263..103297], trnA-UGC [103368..103405], trnA-UGC [104233..104267], ndhA [complement(120208..120746)], ndhA [complement(121766..122318)], trnA-UGC [complement(134541..134575)], trnA-UGC [complement(135403..135440)], trnI-GAU [complement(135511..135545)], trnI-GAU [complement(136487..136523)], ndhB [141684..142460], ndhB [143135..143890]	[complement(71085..71679)], clpP [complement(71972..72881)], petB [75892..76644], petD [77499..78250], rpl16 [complement(82562..83572)], ndhB [complement(95674..96347)], trnI-GAU [102322..103262], trnA-UGC [103406..104232], ndhA [complement(120747..121765)], trnA-UGC [complement(134576..135402)], trnI-GAU [complement(135546..136486)], ndhB [142461..143134]
699.	CEBI	73	rps12 [complement(100448..100473)], rps12 [complement(101016..101247)], rps12 [complement(72292..72405)], trnK-UUU [complement(1732..1766)], trnK-UUU [complement(4344..4380)], rps16 [complement(5128..5357)], rps16 [complement(6260..6299)], trnG-UCC [9109..9131], trnG-UCC [9846..9893], atpF [complement(11997..12406)], atpF [complement(13154..13298)], rpoC1 [complement(21559..23154)], rpoC1 [complement(23970..24401)], ycf3 [complement(44194..44346)], ycf3 [complement(45120..45347)], ycf3 [complement(46127..46252)], trnL-UAA [49485..49519], trnL-UAA [49967..50016], trnV-UAC [complement(53066..53100)], trnV-UAC [complement(53691..53729)], rps12 [complement(72292..72405)], rps12 [143827..144058], rps12 [144601..144626], clpP [complement(72559..72786)], clpP [complement(73464..73755)], clpP [complement(74663..74733)], petB [77697..77702], petB [78455..79096], petD [79333..79340], petD [80070..80544], rpl16 [complement(83937..84344)], rpl16 [complement(85383..85391)], rpl2 [complement(87118..87551)], rpl2 [complement(88241..88631)], ndhB [complement(97387..98142)], ndhB [complement(98828..99604)], trnI-GAU [105062..105098], trnI-GAU [106038..106072], trnA-UGC [106137..106174], trnA-UGC [106973..107007], ndhA [complement(123198..123737)], ndhA [complement(124901..125452)],	trnK-UUU [complement(1767..4343)], rps16 [complement(5358..6259)], trnG-UCC [9132..9845], atpF [complement(12407..13153)], rpoC1 [complement(23155..23969)], ycf3 [complement(44347..45119)], ycf3 [complement(45348..46126)], trnL-UAA [49520..49966], trnV-UAC [complement(53101..53690)], clpP [complement(72787..73463)], clpP [complement(73756..74662)], petB [77703..78454], petD [79341..80069], rpl16 [complement(84345..85382)], rpl2 [complement(87552..88240)], ndhB [complement(98143..98827)], trnI-GAU [105099..106037], trnA-UGC [106175..106972], ndhA [complement(123738..124900)], trnA-UGC [complement(138102..138899)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(138067..138101)], trnA-UGC [complement(138900..138937)], trnI-GAU [complement(139002..139036)], trnI-GAU [complement(139976..140012)], ndhB [145470..146246], ndhB [146932..147687], rpl2 [156443..156833], rpl2 [157523..157956]	[complement(139037..139975)], ndhB [146247..146931], rpl2 [156834..157522]
700.	CECI	45	rps12 [complement(91319..91581)], rps12 [complement(90761..90788)], rps12 [complement(67866..67979)], trnK-UUU [complement(1451..1483)], trnK-UUU [complement(3959..3996)], atpF [33724..33883], atpF [34692..35098], ycf3 [complement(42881..43039)], ycf3 [complement(43772..44000)], ycf3 [complement(44734..44867)], rps12 [127929..128228], rpl16 [complement(78081..78466)], rpl16 [complement(79466..79484)], rpl2 [complement(81481..81908)], rpl2 [complement(82566..82977)], ndhB [complement(87690..88447)], ndhB [complement(89155..89932)], trnI-GAU [95404..95445], trnI-GAU [96384..96418], trnA-UGC [96484..96512], trnA-UGC [97332..97366], ndhA [complement(112791..113329)], ndhA [complement(114358..114895)], trnA-UGC [complement(122224..122258)], trnA-UGC [complement(123069..123106)], trnI-GAU [complement(123172..123206)], trnI-GAU [complement(124108..124149)], ndhB [129615..130389], ndhB [131099..131856], rpl2 [136588..136996], rpl2 [137657..138084]	trnK-UUU [complement(1484..3958)], atpF [33884..34691], ycf3 [complement(43040..43771)], ycf3 [complement(44001..44733)], rpl16 [complement(78467..79465)], rpl2 [complement(81909..82565)], ndhB [complement(88448..89154)], trnI-GAU [95446..96383], trnA-UGC [96513..97331], ndhA [complement(113330..114357)], trnA-UGC [complement(122259..123068)], trnI-GAU [complement(123207..124107)], ndhB [130390..131098], rpl2 [136997..137656]
701.	CEDA	73	rps12 [complement(103278..103302)], rps12 [complement(103844..104076)], rps12 [complement(73445..73558)], trnK-UUU [complement(1427..1455)], trnK-UUU [complement(4185..4222)], rps16 [complement(4938..5185)], rps16 [complement(6075..6114)], trnG-GCC [9427..9449], trnG-GCC [10138..10174], atpF [complement(12141..12551)], atpF [complement(13347..13490)], rpoC1 [complement(20882..22489)], rpoC1 [complement(23256..23687)], ycf3 [complement(44079..44233)], ycf3 [complement(45003..45230)], ycf3 [complement(45970..46093)], trnL-UAA [49146..49180], trnL-UAA [49916..49965], trnV-UAC [complement(54132..54168)], trnV-UAC [complement(54751..54789)], rps12 [complement(73445..73558)], rps12 [146344..146576], rps12 [147118..147142], clpP [complement(73691..73942)], clpP [complement(74590..74881)], clpP [complement(75873..75943)], petB	trnK-UUU [complement(1456..4184)], rps16 [complement(5186..6074)], trnG-GCC [9450..10137], atpF [complement(12552..13346)], rpoC1 [complement(22490..23255)], ycf3 [complement(44234..45002)], ycf3 [complement(45231..45969)], trnL-UAA [49181..49915], trnV-UAC [complement(54169..54750)], clpP [complement(73943..74589)], clpP [complement(74882..75872)], petB [79394..80124], petD [80960..81817], rpl16 [complement(86316..87493)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79388..79393], petB [80125..80772], petD [80952..80959], petD [81818..82301], rpl16 [complement(85914..86315)], rpl16 [complement(87494..87502)], rpl2 [complement(89552..89982)], rpl2 [complement(90650..91034)], ndhB [complement(100192..100947)], ndhB [complement(101652..102428)], trnI-GAU [107911..107947], trnI-GAU [108889..108923], trnA-UGC [108987..109024], trnA-UGC [109825..109859], ndhA [122172..122722], ndhA [123836..124376], trnA-UGC [complement(140561..140598)], trnA-UGC [complement(141399..141433)], trnI-GAU [complement(141497..141531)], trnI-GAU [complement(142465..142509)], ndhB [147992..148768], ndhB [149473..150228], rpl2 [159386..159770], rpl2 [160438..160868]	[complement(89983..90649)], ndhB [complement(100948..101651)], trnI-GAU [107948..108888], trnA-UGC [109025..109824], ndhA [122723..123835], trnA-UGC [complement(140599..141398)], trnI-GAU [complement(141532..142464)], ndhB [148769..149472], rpl2 [159771..160437]
702.	CEDE	24	rps12 [142988..143022]	trnK-UUU [complement(1643..4057)], rps16 [complement(5253..6164)], trnG-UCC [9296..10032], atpF [complement(12449..13192)], rpoC1 [complement(22700..23487)], ycf3 [complement(43895..44612)], ycf3 [complement(44843..45586)], trnL-UAA [49077..49615], trnV-UAC [complement(53526..54113)], clpP [complement(72567..73213)], clpP [complement(73505..74298)], petB [77267..78054], petD [78895..79589], rpl16 [complement(83890..84924)], rpl2 [complement(87076..87738)], ndhB [complement(97513..98212)], trnI-GAU [104628..105576], trnA-UGC [105720..106531], ndhA [complement(122060..123159)], trnA-UGC [complement(136329..137140)], trnI-GAU [complement(137284..138232)], ndhB [144648..145347], rpl2 [155122..155784]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
703.	CEDI	55	rps12 [complement(97354..97596)], rps12 [complement(69165..69278)], trnK-UUU [complement(1727..1755)], trnK-UUU [complement(4302..4338)], rps16 [complement(5115..5299)], rps16 [complement(6185..6227)], rpoC1 [15813..16241], rpoC1 [16976..18616], atpF [26529..26672], atpF [27380..27790], ycf3 [complement(41762..41914)], ycf3 [complement(42657..42884)], ycf3 [complement(43577..43702)], trnL-UAA [46570..46606], trnL-UAA [47047..47096], trnV-UAC [complement(50835..50871)], trnV-UAC [complement(51446..51483)], rps12 [138560..138802], clpP [complement(69434..69664)], clpP [complement(70278..70568)], clpP [complement(71375..71443)], rpl2 [complement(83711..84145)], rpl2 [complement(84810..85202)], ndhB [complement(93795..94550)], ndhB [complement(95217..95993)], trnI-GAU [101543..101585], trnI-GAU [102523..102557], trnA-UGC [102622..102659], trnA-UGC [103499..103533], ndhA [complement(118607..119146)], ndhA [complement(120207..120758)], trnA-UGC [complement(132623..132657)], trnA-UGC [complement(133497..133534)], trnI-GAU [complement(133599..133633)], trnI-GAU [complement(134571..134613)], ndhB [140163..140939], ndhB [141606..142361]	trnK-UUU [complement(1756..4301)], rps16 [complement(5300..6184)], rpoC1 [16242..16975], atpF [26673..27379], ycf3 [complement(41915..42656)], ycf3 [complement(42885..43576)], trnL-UAA [46607..47046], trnV-UAC [complement(50872..51445)], clpP [complement(69665..70277)], clpP [complement(70569..71374)], rpl2 [complement(84146..84809)], ndhB [complement(94551..95216)], trnI-GAU [101586..102522], trnA-UGC [102660..103498], ndhA [complement(119147..120206)], trnA-UGC [complement(132658..133496)], trnI-GAU [complement(133634..134570)], ndhB [140940..141605]
704.	CEDO	44	petB [4153..4158], petB [4947..5594], petD [5808..5816], petD [6513..7052], rpl16 [complement(10399..10797)], rpl16 [complement(11680..11688)], rpl2 [complement(13215..13645)], rpl2 [complement(14325..14724)], trnL [complement(17280..17329)], trnL [complement(17818..17852)], ycf3 [20382..20510], ycf3 [21243..21470], ycf3 [22184..22339], trnI [35406..35441], trnI [36422..36456], trnA [36537..36573], trnA [37349..37383], rps12 [complement(118341..118454)], rps12 [58673..58904], rps12 [59448..59473], trnK [complement(71311..71342)], trnK [complement(73855..73891)], trnG [78706..78728], trnG [79519..79566], atpF [complement(81526..81935)], atpF [complement(82710..82854)], rpoC1 [complement(89647..91305)], rpoC1 [complement(91973..92404)], trnV [complement(101419..101453)], trnV [complement(101998..102036)]	petB [4159..4946], petD [5817..6512], rpl16 [complement(10798..11679)], rpl2 [complement(13646..14324)], trnL [complement(17330..17817)], ycf3 [20511..21242], ycf3 [21471..22183], trnI [35442..36421], trnA [36574..37348], trnK [complement(71343..73854)], trnG [78729..79518], atpF [complement(81936..82709)], rpoC1 [complement(91306..91972)], trnV [complement(101454..101997)]
705.	CEFO	63	rps12 [complement(95491..95516)], rps12 [complement(96053..96284)], rps12 [complement(67553..67666)], trnK-UUU [complement(1602..1636)],	trnK-UUU [complement(1637..4194)], rps16 [complement(5146..6074)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4195..4231)], rps16 [complement(4919..5145)], rps16 [complement(6075..6114)], trnG-GCC [9069..9091], trnG-GCC [9828..9875], atpF [complement(12047..12456)], atpF [complement(13174..13318)], rpoC1 [complement(20988..22604)], rpoC1 [complement(23364..23822)], ycf3 [complement(42436..42585)], ycf3 [complement(43264..43491)], ycf3 [complement(44206..44331)], trnL-UAA [47713..47747], trnL-UAA [48240..48289], trnV-UAC [complement(49361..49395)], trnV-UAC [complement(50014..50052)], rps12 [128493..128724], rps12 [129261..129286], clpP [complement(67813..68040)], clpP [complement(68609..68899)], clpP [complement(69733..69801)], petB [72703..72708], petB [73502..74143], petD [74351..74357], petD [75079..75551], rpl16 [complement(79103..79501)], rpl16 [complement(80486..80494)], rpl2 [complement(82195..82628)], rpl2 [complement(83300..83690)], trnI-GAU [100230..100266], trnI-GAU [101213..101247], trnA-UGC [101312..101349], trnA-UGC [102161..102195], trnA-UGC [complement(122582..122616)], trnA-UGC [complement(123428..123465)], trnI-GAU [complement(123530..123564)], trnI-GAU [complement(124511..124547)], rpl2 [141087..141477], rpl2 [142149..142582]	[9092..9827], atpF [complement(12457..13173)], rpoC1 [complement(22605..23363)], ycf3 [complement(42586..43263)], ycf3 [complement(43492..44205)], trnL-UAA [47748..48239], trnV-UAC [complement(49396..50013)], clpP [complement(68041..68608)], clpP [complement(68900..69732)], petB [72709..73501], petD [74358..75078], rpl16 [complement(79502..80485)], rpl2 [complement(82629..83299)], trnI-GAU [100267..101212], trnA-UGC [101350..102160], trnA-UGC [complement(122617..123427)], trnI-GAU [complement(123565..124510)], rpl2 [141478..142148]
706.	CEGA	26	rps12 [complement(73287..73400)], trnK-UUU [complement(1690..1724)], trnK-UUU [complement(4284..4320)], trnG-UCC [8978..9000], trnG-UCC [9689..9736], trnL-UAA [50313..50347], trnL-UAA [50867..50916], trnV-UAC [complement(54391..54427)], trnV-UAC [complement(55037..55075)], rps12 [145313..145338], trnI-GAU [106590..106626], trnI-GAU [107580..107614], trnA-UGC [107684..107721], trnA-UGC [108524..108558], trnA-UGC [complement(138864..138898)], trnA-UGC [complement(139701..139738)], trnI-GAU [complement(139808..139842)], trnI-GAU [complement(140796..140832)]	trnK-UUU [complement(1725..4283)], trnG-UCC [9001..9688], trnL-UAA [50348..50866], trnV-UAC [complement(54428..55036)], trnI-GAU [106627..107579], trnA-UGC [107722..108523], trnA-UGC [complement(138899..139700)], trnI-GAU [complement(139843..140795)]
707.	CEGL	64	rps12 [complement(88537..88565)], rps12 [complement(89106..89337)], rps12 [complement(67234..67347)], trnK-UUU [complement(1392..1424)], trnK-UUU [complement(3908..3945)], rps16 [complement(4501..4718)], rps16 [complement(5563..5602)], trnG-UCC [complement(13043..13090)], trnG-	trnK-UUU [complement(1425..3907)], rps16 [complement(4719..5562)], trnG-UCC [complement(13091..13773)], atpF [33992..34803], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13774..13796)], atpF [33833..33991], atpF [34804..35211], ycf3 [complement(42940..43098)], ycf3 [complement(43833..44060)], ycf3 [complement(44773..44898)], trnL-UAA [47178..47212], trnL-UAA [47755..47804], trnV-UAC [complement(50925..50971)], trnV-UAC [complement(51558..51596)], rps12 [125303..125534], rps12 [126075..126103], petB [71072..71077], petB [71851..72498], petD [72681..72688], petD [73415..73889], rpl16 [complement(77446..77847)], rpl16 [complement(78698..78706)], rpl2 [complement(80653..81084)], rpl2 [complement(81745..82137)], ndhB [complement(85464..86220)], ndhB [complement(86933..87708)], trnI-GAU [93160..93201], trnI-GAU [93912..93946], trnA-UGC [94011..94048], trnA-UGC [94859..94893], ndhA [complement(110254..110793)], ndhA [complement(111826..112374)], trnA-UGC [complement(119747..119781)], trnA-UGC [complement(120592..120628)], trnI-GAU [complement(120694..120728)], trnI-GAU [complement(121439..121480)], ndhB [126932..127707], ndhB [128420..129176], rpl2 [132503..132895], rpl2 [133556..133987]	[complement(43099..43832)], ycf3 [complement(44061..44772)], trnL-UAA [47213..47754], trnV-UAC [complement(50972..51557)], petB [71078..71850], petD [72689..73414], rpl16 [complement(77848..78697)], rpl2 [complement(81085..81744)], ndhB [complement(86221..86932)], trnI-GAU [93202..93911], trnA-UGC [94049..94858], ndhA [complement(110794..111825)], trnA-UGC [complement(119782..120591)], trnI-GAU [complement(120729..121438)], ndhB [127708..128419], rpl2 [132896..133555]
708.	CEGR	1	rps12 [153249..153274]	-
709.	CEHA	47	petD [complement(2088..2568)], petD [complement(3184..3191)], petB [complement(3378..4020)], petB [complement(4779..4783)], rps12 [complement(17754..17867)], rps12 [116972..117203], rps12 [117754..117779], rps16 [complement(23783..23940)], rps16 [complement(24782..24821)], trnG-UCC [28757..28779], trnG-UCC [29623..29670], atpF [complement(31618..32027)], atpF [complement(32720..32864)], rpoC1 [complement(39555..41227)], rpoC1 [complement(41893..42334)], ycf3 [complement(60357..60514)], ycf3 [complement(61220..61445)], ycf3 [complement(62131..62256)], trnK-UUU [74169..74205], trnK-UUU [76617..76651], ndhA [93100..93657], ndhA [94386..94934], trnA-UGC [complement(110376..110410)], trnA-UGC [complement(111187..111225)], trnI-GAU [complement(111321..111355)], trnI-GAU [complement(112300..112336)], ndhB [118544..119326], ndhB [119989..120744], rpl2 [130424..130838], rpl2 [131551..131981], rpl16 [133785..133793], rpl16 [134665..135099]	petD [complement(2569..3183)], petB [complement(4021..4778)], rps16 [complement(23941..24781)], trnG-UCC [28780..29622], atpF [complement(32028..32719)], rpoC1 [complement(41228..41892)], ycf3 [complement(60515..61219)], ycf3 [complement(61446..62130)], trnK-UUU [74206..76616], ndhA [93658..94385], trnA-UGC [complement(110411..111186)], trnI-GAU [complement(111356..112299)], ndhB [119327..119988], rpl2 [130839..131550], rpl16 [133794..134664]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
710.	CEHI	69	rps12 [92550..92663], rps12 [62020..62251], rps12 [62800..62825], ndhB [complement(11815..12576)], ndhB [complement(13304..14026)], rps12 [complement(15487..15718)], rps12 [complement(14913..14938)], trnI-GAU [19670..19706], trnI-GAU [20657..20691], trnA-UGC [20759..20796], trnA-UGC [21578..21612], ndhA [37360..37918], ndhA [38931..39478], trnA-UGC [complement(56126..56160)], trnA-UGC [complement(56942..56979)], trnI-GAU [complement(57047..57081)], trnI-GAU [complement(58032..58068)], ndhB [63712..64434], ndhB [65162..65923], rpl2 [77069..77468], rpl2 [78155..78585], rpl16 [80110..80118], rpl16 [80837..81244], petD [complement(84592..85153)], petD [complement(85883..85890)], petB [complement(86083..86724)], petB [complement(87483..87488)], clpP [90463..90512], clpP [91291..91582], clpP [92156..92401], trnV-UAC [110069..110107], trnV-UAC [110648..110682], trnL-UAG [complement(117295..117347)], trnL-UAG [complement(117825..117859)], ycf3 [120478..120606], ycf3 [121315..121542], ycf3 [122270..122425], rpoC1 [141885..142316], rpoC1 [143034..144650], atpF [151921..152065], atpF [152817..153226], trnG-UCC [complement(155209..155256)], trnG-UCC [complement(156073..156095)], rps16 [160745..160784], rps16 [161665..161879], trnK-UUU [162642..162678], trnK-UUU [165162..165196]	ndhB [complement(12577..13303)], trnI-GAU [19707..20656], trnA-UGC [20797..21577], ndhA [37919..38930], trnA-UGC [complement(56161..56941)], trnI-GAU [complement(57082..58031)], ndhB [64435..65161], rpl2 [77469..78154], rpl16 [80119..80836], petD [complement(85154..85882)], petB [complement(86725..87482)], clpP [90513..91290], clpP [91583..92155], trnV-UAC [110108..110647], trnL-UAG [complement(117348..117824)], ycf3 [120607..121314], ycf3 [121543..122269], rpoC1 [142317..143033], atpF [152066..152816], trnG-UCC [complement(155257..156072)], rps16 [160785..161664], trnK-UUU [162679..165161]
711.	CEHU	64	rps12 [complement(101452..101477)], rps12 [complement(102019..102250)], rps12 [complement(71283..71396)], trnK-UUU [complement(1416..1444)], trnK-UUU [complement(4120..4156)], rps16 [complement(4894..5117)], rps16 [complement(6012..6051)], trnG-GCC [9403..9425], trnG-GCC [10139..10175], atpF [complement(12144..12554)], atpF [complement(13358..13501)], rpoC1 [complement(20913..22529)], rpoC1 [complement(23286..23720)], ycf3 [complement(43814..43963)], ycf3 [complement(44732..44959)], ycf3 [complement(45698..45823)], trnL-UAA [48868..48902], trnL-UAA [49669..49718], trnV-UAC [complement(52113..52149)], trnV-UAC [complement(52732..52770)], rps12 [complement(71283..71396)], rps12 [141670..141901], rps12 [142443..142468], clpP [complement(71529..71780)], clpP [complement(72430..72721)], clpP [complement(73799..73869)], petB	trnK-UUU [complement(1445..4119)], rps16 [complement(5118..6011)], trnG-GCC [9426..10138], atpF [complement(12555..13357)], rpoC1 [complement(22530..23285)], ycf3 [complement(43964..44731)], ycf3 [complement(44960..45697)], trnL-UAA [48903..49668], trnV-UAC [complement(52150..52731)], clpP [complement(71781..72429)], clpP [complement(72722..73798)], petB [77548..78288], petD [79118..79963], rpl16 [complement(84472..85681)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77542..77547], petB [78289..78930], petD [79110..79117], petD [79964..80447], rpl16 [complement(84058..84471)], rpl16 [complement(85682..85690)], rpl2 [complement(87739..88170)], rpl2 [complement(88837..89223)], trnI-GAU [106087..106128], trnI-GAU [107074..107108], trnA-UGC [107172..107209], trnA-UGC [108010..108044], trnA-UGC [complement(135876..135910)], trnA-UGC [complement(136711..136748)], trnI-GAU [complement(136812..136846)], trnI-GAU [complement(137792..137833)], rpl2 [154697..155083], rpl2 [155750..156181]	[complement(88171..88836)], trnI-GAU [106129..107073], trnA-UGC [107210..108009], trnA-UGC [complement(135911..136710)], trnI-GAU [complement(136847..137791)], rpl2 [155084..155749]
712.	CEJA	58	rps12 [complement(122433..122462)], rps12 [complement(123000..123230)], rps12 [complement(94164..94277)], trnI-GAU [complement(1133..1167)], trnI-GAU [complement(2104..2145)], ndhB [7719..8495], ndhB [9178..9933], trnK-UUU [complement(22433..22467)], trnK-UUU [complement(24952..24988)], trnG-GCC [30867..30900], trnG-GCC [31597..31644], atpF [complement(33625..34035)], atpF [complement(34758..34901)], rpoC1 [complement(42956..44574)], rpoC1 [complement(45323..45752)], ycf3 [complement(66395..66549)], ycf3 [complement(67290..67515)], ycf3 [complement(68245..68370)], trnL-UAA [71623..71659], trnL-UAA [72166..72215], trnV-UAC [complement(75338..75374)], trnV-UAC [complement(75949..75987)], clpP [complement(94426..94653)], clpP [complement(95290..95581)], clpP [complement(96385..96455)], petB [99340..99345], petB [100128..100769], petD [100968..100976], petD [101694..102188], rpl2 [complement(108740..109173)], rpl2 [complement(109823..110219)], ndhB [complement(119387..120142)], ndhB [complement(120825..121601)], trnI-GAU [127175..127216], trnI-GAU [128153..128187], trnA-UGC [128252..128289], trnA-UGC [129132..129166], ndhA [complement(145406..145945)], ndhA [complement(147016..147567)]	trnI-GAU [complement(1168..2103)], ndhB [8496..9177], trnK-UUU [complement(22468..24951)], trnG-GCC [30901..31596], atpF [complement(34036..34757)], rpoC1 [complement(44575..45322)], ycf3 [complement(66550..67289)], ycf3 [complement(67516..68244)], trnL-UAA [71660..72165], trnV-UAC [complement(75375..75948)], clpP [complement(94654..95289)], clpP [complement(95582..96384)], petB [99346..100127], petD [100977..101693], rpl2 [complement(109174..109822)], ndhB [complement(120143..120824)], trnI-GAU [127217..128152], trnA-UGC [128290..129131], ndhA [complement(145946..147015)]
713.	CELA	64	rps12 [complement(91404..91432)], rps12 [complement(91973..92204)], rps12 [complement(68361..68474)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3897..3934)], rps16 [complement(4564..4781)], rps16 [complement(5632..5671)], trnG-UCC [complement(13220..13267)], trnG-	trnK-UUU [complement(1410..3896)], rps16 [complement(4782..5631)], trnG-UCC [complement(13268..13949)], atpF [34342..35128], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13950..13972)], atpF [34183..34341], atpF [35129..35536], ycf3 [complement(43283..43441)], ycf3 [complement(44166..44393)], ycf3 [complement(45122..45253)], trnL [47951..47985], trnL [48533..48585], trnV-UAC [complement(51935..51971)], trnV-UAC [complement(52571..52609)], rps12 [128712..128943], rps12 [129484..129512], petB [72251..72256], petB [72995..73642], petD [73836..73843], petD [74584..75058], rpl16 [complement(78600..79001)], rpl16 [complement(80060..80068)], rpl2 [complement(82028..82459)], rpl2 [complement(83123..83512)], ndhB [complement(88331..89086)], ndhB [complement(89799..90575)], trnI-GAU [96029..96070], trnI-GAU [97017..97051], trnA-UGC [97117..97154], trnA-UGC [97965..97999], ndhA [complement(113441..113980)], ndhA [complement(115004..115552)], trnA-UGC [complement(122917..122951)], trnA-UGC [complement(123762..123799)], trnI-GAU [complement(123865..123899)], trnI-GAU [complement(124846..124887)], ndhB [130341..131117], ndhB [131830..132585], rpl2 [137404..137793], rpl2 [138457..138888]	[complement(43442..44165)], ycf3 [complement(44394..45121)], trnL [47986..48532], trnV-UAC [complement(51972..52570)], petB [72257..72994], petD [73844..74583], rpl16 [complement(79002..80059)], rpl2 [complement(82460..83122)], ndhB [complement(89087..89798)], trnI-GAU [96071..97016], trnA-UGC [97155..97964], ndhA [complement(113981..115003)], trnA-UGC [complement(122952..123761)], trnI-GAU [complement(123900..124845)], ndhB [131118..131829], rpl2 [137794..138456]
714.	CELN	73	rps12 [complement(103441..103466)], rps12 [complement(104008..104239)], rps12 [complement(73189..73302)], trnK-UUU [complement(1428..1456)], trnK-UUU [complement(4187..4223)], rps16 [complement(4939..5186)], rps16 [complement(6081..6120)], trnG-GCC [9416..9438], trnG-GCC [10127..10163], atpF [complement(12129..12539)], atpF [complement(13338..13481)], rpoC1 [complement(20865..22481)], rpoC1 [complement(23238..23672)], ycf3 [complement(43833..43985)], ycf3 [complement(44755..44982)], ycf3 [complement(45727..45852)], trnL-UAA [48895..48929], trnL-UAA [49674..49723], trnV-UAC [complement(53884..53920)], trnV-UAC [complement(54508..54546)], rps12 [complement(73189..73302)], rps12 [146636..146867], rps12 [147409..147434], clpP [complement(73435..73686)], clpP [complement(74337..74628)], clpP [complement(75712..75782)], petB [79489..79494], petB [80225..80872], petD [81052..81059], petD [81919..82402], rpl16 [complement(86049..86447)], rpl16 [complement(87662..87670)], rpl2 [complement(89715..90146)], rpl2	trnK-UUU [complement(1457..4186)], rps16 [complement(5187..6080)], trnG-GCC [9439..10126], atpF [complement(12540..13337)], rpoC1 [complement(22482..23237)], ycf3 [complement(43986..44754)], ycf3 [complement(44983..45726)], trnL-UAA [48930..49673], trnV-UAC [complement(53921..54507)], clpP [complement(73687..74336)], clpP [complement(74629..75711)], petB [79495..80224], petD [81060..81918], rpl16 [complement(86448..87661)], rpl2 [complement(90147..90810)], ndhB [complement(101111..101814)], trnI-GAU [108153..109088], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90811..91197)], ndhB [complement(100355..101110)], ndhB [complement(101815..102591)], trnI-GAU [108111..108152], trnI-GAU [109089..109123], trnA-UGC [109187..109224], trnA-UGC [110025..110059], ndhA [122389..122940], ndhA [124057..124596], trnA-UGC [complement(140816..140850)], trnA-UGC [complement(141651..141688)], trnI-GAU [complement(141752..141786)], trnI-GAU [complement(142723..142764)], ndhB [148284..149060], ndhB [149765..150520], rpl2 [159678..160064], rpl2 [160729..161160]	[109225..110024], ndhA [122941..124056], trnA-UGC [complement(140851..141650)], trnI-GAU [complement(141787..142722)], ndhB [149061..149764], rpl2 [160065..160728]
715.	CELO	73	rps12 [complement(103360..103385)], rps12 [complement(103927..104158)], rps12 [complement(73322..73435)], trnK-UUU [complement(1425..1453)], trnK-UUU [complement(4181..4217)], rps16 [complement(4933..5180)], rps16 [complement(6072..6111)], trnG-GCC [9431..9453], trnG-GCC [10150..10186], atpF [complement(12156..12566)], atpF [complement(13363..13506)], rpoC1 [complement(20887..22503)], rpoC1 [complement(23258..23692)], ycf3 [complement(43989..44141)], ycf3 [complement(44911..45138)], ycf3 [complement(45878..46003)], trnL-UAA [49054..49088], trnL-UAA [49847..49896], trnV-UAC [complement(54061..54097)], trnV-UAC [complement(54680..54718)], rps12 [complement(73322..73435)], rps12 [146526..146757], rps12 [147299..147324], clpP [complement(73568..73819)], clpP [complement(74467..74758)], clpP [complement(75849..75919)], petB [79415..79420], petB [80154..80801], petD [80981..80988], petD [81847..82330], rpl16 [complement(85975..86373)], rpl16 [complement(87580..87588)], rpl2 [complement(89643..90074)], rpl2 [complement(90738..91124)], ndhB [complement(100282..101037)], ndhB [complement(101742..102518)], trnI-GAU [107989..108030], trnI-GAU [108968..109002], trnA-UGC [109066..109103], trnA-UGC [109904..109938], ndhA [122281..122832], ndhA [123946..124485], trnA-UGC [complement(140746..140780)], trnA-UGC [complement(141581..141618)], trnI-GAU [complement(141682..141716)], trnI-GAU [complement(142654..142695)], ndhB [148166..148942], ndhB [149647..150402], rpl2 [159560..159946], rpl2 [160610..161041]	trnK-UUU [complement(1454..4180)], rps16 [complement(5181..6071)], trnG-GCC [9454..10149], atpF [complement(12567..13362)], rpoC1 [complement(22504..23257)], ycf3 [complement(44142..44910)], ycf3 [complement(45139..45877)], trnL-UAA [49089..49846], trnV-UAC [complement(54098..54679)], clpP [complement(73820..74466)], clpP [complement(74759..75848)], petB [79421..80153], petD [80989..81846], rpl16 [complement(86374..87579)], rpl2 [complement(90075..90737)], ndhB [complement(101038..101741)], trnI-GAU [108031..108967], trnA-UGC [109104..109903], ndhA [122833..123945], trnA-UGC [complement(140781..141580)], trnI-GAU [complement(141717..142653)], ndhB [148943..149646], rpl2 [159947..160609]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
716.	CENI	2	rps12 [152671..152696]	pafl [complement(49147..49882)]
717.	CEOD	73	rps12 [complement(100672..100697)], rps12 [complement(101234..101465)], rps12 [complement(72497..72622)], trnK-UUU [complement(1852..1886)], trnK-UUU [complement(4420..4456)], rps16 [complement(5286..5512)], rps16 [complement(6379..6418)], trnG-UCC [10171..10193], trnG-UCC [10914..10962], atpF [complement(12953..13362)], atpF [complement(14135..14279)], rpoC1 [complement(22445..24055)], rpoC1 [complement(24823..25254)], ycf3 [complement(44711..44863)], ycf3 [complement(45665..45892)], ycf3 [complement(46628..46753)], trnL-UAA [49529..49563], trnL-UAA [50094..50143], trnV-UAC [complement(53643..53679)], trnV-UAC [complement(54279..54317)], rps12 [complement(72497..72622)], rps12 [143480..143711], rps12 [144248..144273], clpP [complement(72774..73001)], clpP [complement(73641..73932)], clpP [complement(74785..74855)], petB [77734..77739], petB [78552..79193], petD [79388..79395], petD [80119..80596], rpl16 [complement(83998..84402)], rpl16 [complement(85318..85323)], rpl2 [complement(87000..87433)], rpl2 [complement(88104..88494)], ndhB [complement(97615..98370)], ndhB [complement(99052..99828)], trnI-GAU [105360..105401], trnI-GAU [106356..106390], trnA-UGC [106461..106498], trnA-UGC [107339..107373], ndhA [complement(123266..123805)], ndhA [complement(124900..125451)], trnA-UGC [complement(137572..137606)], trnA-UGC [complement(138447..138484)], trnI-GAU [complement(138555..138589)], trnI-GAU [complement(139544..139585)], ndhB [145117..145893], ndhB [146575..147330], rpl2 [156451..156843], rpl2 [157511..157945]	trnK-UUU [complement(1887..4419)], rps16 [complement(5513..6378)], trnG-UCC [10194..10913], atpF [complement(13363..14134)], rpoC1 [complement(24056..24822)], ycf3 [complement(44864..45664)], ycf3 [complement(45893..46627)], trnL-UAA [49564..50093], trnV-UAC [complement(53680..54278)], clpP [complement(73002..73640)], clpP [complement(73933..74784)], petB [77740..78551], petD [79396..80118], rpl16 [complement(84403..85317)], rpl2 [complement(87434..88103)], ndhB [complement(98371..99051)], trnI-GAU [105402..106355], trnA-UGC [106499..107338], ndhA [complement(123806..124899)], trnA-UGC [complement(137607..138446)], trnI-GAU [complement(138590..139543)], ndhB [145894..146574], rpl2 [156844..157510]
718.	CEOL	47	petD [complement(1895..2375)], petD [complement(2993..3000)], petB [complement(3204..3846)], petB [complement(4616..4620)], rps12 [complement(17562..17675)], rps12 [114595..114826], rps12 [115377..115402], rps16 [complement(23232..23389)], rps16 [complement(24243..24282)], trnG-UCC [28232..28254], trnG-UCC [29094..29141], atpF [complement(31087..31496)], atpF [complement(32192..32336)], rpoC1 [complement(39032..40704)], rpoC1	petD [complement(2376..2992)], petB [complement(3847..4615)], rps16 [complement(23390..24242)], trnG-UCC [28255..29093], atpF [complement(31497..32191)], rpoC1 [complement(40705..41371)], ycf3 [complement(60039..60743)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(41372..41813)], ycf3 [complement(59881..60038)], ycf3 [complement(60744..60969)], ycf3 [complement(61655..61780)], trnK-UUU [73679..73715], trnK-UUU [76084..76118], ndhA [91674..92231], ndhA [92956..93504], trnA-UGC [complement(108693..108727)], trnA-UGC [complement(109518..109555)], trnI-GAU [complement(109634..109668)], trnI-GAU [complement(110631..110667)], ndhB [116180..116962], ndhB [117625..118380], rpl2 [127828..128233], rpl2 [128935..129365], rpl16 [131139..131147], rpl16 [132020..132454]	[complement(60970..61654)], trnK-UUU [73716..76083], ndhA [92232..92955], trnA-UGC [complement(108728..109517)], trnI-GAU [complement(109669..110630)], ndhB [116963..117624], rpl2 [128234..128934], rpl16 [131148..132019]
719.	CEPA	72	rps12 [complement(98351..98379)], rps12 [complement(98917..99148)], rps12 [complement(69889..70002)], trnK-UUU [complement(1642..1685)], trnK-UUU [complement(4286..4322)], rps16 [complement(5145..5372)], rps16 [complement(6306..6347)], trnG-UCC [8627..8649], trnG-UCC [9350..9397], atpF [complement(11290..11700)], atpF [complement(12455..12598)], rpoC1 [complement(20230..21855)], rpoC1 [complement(22639..23070)], ycf3 [complement(42129..42281)], ycf3 [complement(43065..43292)], ycf3 [complement(44070..44195)], trnL-UAA [47271..47305], trnL-UAA [47818..47867], trnV-UAC [complement(51203..51235)], trnV-UAC [complement(51822..51860)], rps12 [139725..139956], rps12 [140494..140522], clpP [complement(70164..70391)], clpP [complement(71022..71315)], clpP [complement(72142..72210)], petB [75153..75158], petB [76296..76937], petD [77146..77154], petD [77902..78375], rpl16 [complement(81783..82181)], rpl16 [complement(83304..83312)], rpl2 [complement(85112..85546)], rpl2 [complement(86234..86623)], ndhB [complement(95307..96062)], ndhB [complement(96748..97524)], trnI-GAU [102617..102653], trnI-GAU [103603..103639], trnA-UGC [103702..103739], trnA-UGC [104534..104568], ndhA [116952..117503], ndhA [118647..119186], trnA-UGC [complement(134305..134339)], trnA-UGC [complement(135134..135171)], trnI-GAU [complement(135234..135270)], trnI-GAU [complement(136220..136256)], ndhB [141349..142125], ndhB [142811..143566], rpl2 [152250..152639], rpl2 [153327..153761]	trnK-UUU [complement(1686..4285)], rps16 [complement(5373..6305)], trnG-UCC [8650..9349], atpF [complement(11701..12454)], rpoC1 [complement(21856..22638)], ycf3 [complement(42282..43064)], ycf3 [complement(43293..44069)], trnL-UAA [47306..47817], trnV-UAC [complement(51236..51821)], clpP [complement(70392..71021)], clpP [complement(71316..72141)], petB [75159..76295], petD [77155..77901], rpl16 [complement(82182..83303)], rpl2 [complement(85547..86233)], ndhB [complement(96063..96747)], trnI-GAU [102654..103602], trnA-UGC [103740..104533], ndhA [117504..118646], trnA-UGC [complement(134340..135133)], trnI-GAU [complement(135271..136219)], ndhB [142126..142810], rpl2 [152640..153326]
720.	CEPU	51	rps12 [complement(91284..91526)], rps12 [complement(68197..68310)],	trnK-UUU [complement(1412..3883)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3884..3921)], rps16 [complement(4455..4675)], rps16 [complement(5539..5578)], atpF [34077..34235], atpF [35043..35450], ycf3 [complement(43293..43451)], trnL-UAA [47992..48026], trnL-UAA [48566..48615], trnV-UAC [complement(51868..51904)], trnV-UAC [complement(52514..52552)], rps12 [127835..128077], petB [72052..72057], petB [72814..73461], rpl2 [complement(81738..82169)], rpl2 [complement(82830..83219)], ndhB [complement(87655..88410)], ndhB [complement(89121..89897)], trnI-GAU [95329..95370], trnI-GAU [96308..96342], trnA-UGC [96408..96445], trnA-UGC [97256..97290], ndhA [complement(112585..113124)], ndhA [complement(114151..114684)], trnA-UGC [complement(122071..122105)], trnA-UGC [complement(122916..122953)], trnI-GAU [complement(123019..123053)], trnI-GAU [complement(123990..124031)], ndhB [129464..130240], ndhB [130951..131706], rpl2 [136142..136531], rpl2 [137192..137623]	[complement(4676..5538)], atpF [34236..35042], ycf3 [complement(43452..44183)], ycf3 [complement(44412..45144)], trnL-UAA [48027..48565], trnV-UAC [complement(51905..52513)], petB [72058..72813], rpl2 [complement(82170..82829)], ndhB [complement(88411..89120)], trnI-GAU [95371..96307], trnA-UGC [96446..97255], ndhA [complement(113125..114150)], trnA-UGC [complement(122106..122915)], trnI-GAU [complement(123054..123989)], ndhB [130241..130950], rpl2 [136532..137191]
721.	CERU	73	rps12 [complement(103371..103396)], rps12 [complement(103938..104169)], rps12 [complement(73193..73306)], trnK-UUU [complement(1410..1438)], trnK-UUU [complement(4165..4201)], rps16 [complement(4918..5165)], rps16 [complement(6064..6103)], trnG-GCC [9417..9439], trnG-GCC [10140..10176], atpF [complement(12142..12552)], atpF [complement(13350..13493)], rpoC1 [complement(20855..22444)], rpoC1 [complement(23198..23632)], ycf3 [complement(43871..44023)], ycf3 [complement(44793..45020)], ycf3 [complement(45760..45885)], trnL-UAA [48933..48967], trnL-UAA [49703..49752], trnV-UAC [complement(53956..53992)], trnV-UAC [complement(54575..54613)], rps12 [complement(73193..73306)], rps12 [146923..147154], rps12 [147696..147721], clpP [complement(73439..73690)], clpP [complement(74340..74631)], clpP [complement(75723..75793)], petB [79505..79510], petB [80243..80890], petD [81070..81077], petD [81865..82348], rpl16 [complement(85971..86369)], rpl16 [complement(87590..87598)], rpl2 [complement(89651..90082)], rpl2 [complement(90746..91132)], ndhB [complement(100285..101040)], ndhB	trnK-UUU [complement(1439..4164)], rps16 [complement(5166..6063)], trnG-GCC [9440..10139], atpF [complement(12553..13349)], rpoC1 [complement(22445..23197)], ycf3 [complement(44024..44792)], ycf3 [complement(45021..45759)], trnL-UAA [48968..49702], trnV-UAC [complement(53993..54574)], clpP [complement(73691..74339)], clpP [complement(74632..75722)], petB [79511..80242], petD [81078..81864], rpl16 [complement(86370..87589)], rpl2 [complement(90083..90745)], ndhB [complement(101041..101744)], trnI-GAU [108217..109153], trnA-UGC [109290..110089], ndhA [123008..124124],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(101745..102521)], trnI-GAU [108175..108216], trnI-GAU [109154..109188], trnA-UGC [109252..109289], trnA-UGC [110090..110124], ndhA [122456..123007], ndhA [124125..124664], trnA-UGC [complement(140968..141002)], trnA-UGC [complement(141803..141840)], trnI-GAU [complement(141904..141938)], trnI-GAU [complement(142876..142917)], ndhB [148571..149347], ndhB [150052..150807], rpl2 [159960..160346], rpl2 [161010..161441]	trnA-UGC [complement(141003..141802)], trnI-GAU [complement(141939..142875)], ndhB [149348..150051], rpl2 [160347..161009]
722.	CESI	47	petD [complement(2019..2499)], petD [complement(3115..3122)], petB [complement(3309..3951)], petB [complement(4710..4714)], rps12 [complement(17685..17798)], rps12 [115818..116049], rps12 [116600..116625], rps16 [complement(23588..23745)], rps16 [complement(24587..24626)], trnG-UCC [28555..28577], trnG-UCC [29421..29468], atpF [complement(31416..31825)], atpF [complement(32523..32667)], rpoC1 [complement(39358..41030)], rpoC1 [complement(41696..42137)], ycf3 [complement(60160..60317)], ycf3 [complement(61023..61248)], ycf3 [complement(61934..62059)], trnK-UUU [73972..74008], trnK-UUU [76410..76444], ndhA [92226..92783], ndhA [93512..94060], trnA-UGC [complement(109478..109512)], trnA-UGC [complement(110289..110327)], trnI-GAU [complement(110423..110457)], trnI-GAU [complement(111402..111438)], ndhB [117390..118172], ndhB [118835..119590], rpl2 [129193..129607], rpl2 [130320..130750], rpl16 [132554..132562], rpl16 [133434..133868]	petD [complement(2500..3114)], petB [complement(3952..4709)], rps16 [complement(23746..24586)], trnG-UCC [28578..29420], atpF [complement(31826..32522)], rpoC1 [complement(41031..41695)], ycf3 [complement(60318..61022)], ycf3 [complement(61249..61933)], trnK-UUU [74009..76409], ndhA [92784..93511], trnA-UGC [complement(109513..110288)], trnI-GAU [complement(110458..111401)], ndhB [118173..118834], rpl2 [129608..130319], rpl16 [132563..133433]
723.	CESL	67	rps12 [complement(100110..100352)], rps12 [complement(70972..71109)], trnK-UUU [complement(1749..1777)], trnK-UUU [complement(4320..4356)], rps16 [complement(5090..5319)], rps16 [complement(6178..6217)], atpF [complement(11773..12180)], atpF [complement(12872..13030)], rpoC1 [complement(21425..23041)], rpoC1 [complement(23826..24257)], ycf3 [complement(44565..44717)], ycf3 [complement(45500..45727)], ycf3 [complement(46424..46549)], trnL-UAA [49287..49323], trnL-UAA [49749..49798], trnV-UAC [complement(52928..52964)], trnV-UAC [complement(53574..53612)], rps12 [141817..142059], clpP [complement(71266..71493)], clpP [complement(72075..72366)], clpP	trnK-UUU [complement(1778..4319)], rps16 [complement(5320..6177)], atpF [complement(12181..12871)], rpoC1 [complement(23042..23825)], ycf3 [complement(44718..45499)], ycf3 [complement(45728..46423)], trnL-UAA [49324..49748], trnV-UAC [complement(52965..53573)], clpP [complement(71494..72074)], clpP [complement(72367..73172)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73173..73243)], petB [76209..76214], petB [77026..77667], petD [77865..77872], petD [78564..79038], rpl16 [complement(82666..83064)], rpl16 [complement(84131..84139)], rpl2 [complement(85976..86410)], rpl2 [complement(87093..87485)], ndhB [complement(96501..97250)], ndhB [complement(97936..98712)], trnI-GAU [104277..104318], trnI-GAU [105267..105301], trnA-UGC [105366..105403], trnA-UGC [106206..106240], ndhA [complement(121566..122104)], ndhA [complement(123280..123832)], trnA-UGC [complement(135929..135963)], trnA-UGC [complement(136766..136803)], trnI-GAU [complement(136868..136902)], trnI-GAU [complement(137851..137892)], ndhB [143457..144227], ndhB [144913..145668], rpl2 [154684..155073], rpl2 [155759..156193]	[76215..77025], petD [77873..78563], rpl16 [complement(83065..84130)], rpl2 [complement(86411..87092)], ndhB [complement(97251..97935)], trnI-GAU [104319..105266], trnA-UGC [105404..106205], ndhA [complement(122105..123279)], trnA-UGC [complement(135964..136765)], trnI-GAU [complement(136903..137850)], ndhB [144228..144912], rpl2 [155074..155758]
724.	CEWI	62	rps12 [complement(100865..100890)], rps12 [complement(101418..101649)], rps12 [complement(73993..74106)], trnK-UUU [complement(1736..1770)], trnK-UUU [complement(4241..4277)], rps16 [complement(5589..5802)], rps16 [complement(6676..6716)], trnG-UCC [9922..9944], trnG-UCC [10650..10697], atpF [complement(12681..13090)], atpF [complement(13852..13996)], rpoC1 [complement(21550..23166)], rpoC1 [complement(23890..24321)], trnV-UAC [49727..49764], trnV-UAC [50350..50384], trnL-UAA [complement(54371..54420)], trnL-UAA [complement(54937..54973)], ycf3 [57791..57916], ycf3 [58679..58906], ycf3 [59983..60144], rps12 [complement(73993..74106)], rps12 [152805..153036], rps12 [153564..153589], petB [78483..78488], petB [79215..79856], petD [80065..80072], petD [80801..81275], rpl16 [complement(84718..85116)], rpl16 [complement(86178..86186)], ndhB [complement(97810..98565)], ndhB [complement(99232..100008)], trnI-GAU [105489..105525], trnI-GAU [106412..106446], trnA-UGC [106511..106548], trnA-UGC [107350..107384], ndhA [complement(130454..130983)], ndhA [complement(131862..132426)], trnA-UGC [complement(147070..147104)], trnA-UGC [complement(147906..147943)], trnI-GAU [complement(148008..148042)], trnI-GAU [complement(148929..148965)], ndhB [154446..155222], ndhB [155889..156644]	trnK-UUU [complement(1771..4240)], rps16 [complement(5803..6675)], trnG-UCC [9945..10649], atpF [complement(13091..13851)], rpoC1 [complement(23167..23889)], trnV-UAC [49765..50349], trnL-UAA [complement(54421..54936)], ycf3 [57917..58678], ycf3 [58907..59982], petB [78489..79214], petD [80073..80800], rpl16 [complement(85117..86177)], ndhB [complement(98566..99231)], trnI-GAU [105526..106411], trnA-UGC [106549..107349], ndhA [complement(130984..131861)], trnA-UGC [complement(147105..147905)], trnI-GAU [complement(148043..148928)], ndhB [155223..155888]
725.	CHAL	66	rps12 [complement(96062..96087)], rps12 [complement(96624..96855)],	trnK-UUU [complement(1522..4041)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69016..69129)], trnK-UUU [complement(1487..1521)], trnK-UUU [complement(4042..4078)], rps16 [complement(4736..4962)], rps16 [complement(5827..5866)], trnG-UCC [8622..8644], trnG-UCC [9376..9423], atpF [complement(11321..11731)], atpF [complement(12526..12669)], rpoC1 [complement(20113..21714)], rpoC1 [complement(22484..22915)], ycf3 [complement(41929..42083)], ycf3 [complement(42837..43064)], ycf3 [complement(43834..43957)], trnL-UAA [47175..47209], trnL-UAA [47774..47823], trnV-UAC [55627..55663], trnV-UAC [56255..56291], rps12 [138989..139220], rps12 [139757..139782], clpP [complement(69265..69492)], clpP [complement(70090..70381)], clpP [complement(71236..71306)], petB [74201..74206], petB [75021..75662], petD [75923..75930], petD [76651..77125], rpl16 [complement(80501..80899)], rpl16 [complement(81985..81993)], ndhB [complement(93039..93794)], ndhB [complement(94468..95244)], trnI-GAU [100451..100487], trnI-GAU [101525..101559], trnA-UGC [101630..101667], trnA-UGC [102494..102528], ndhA [complement(118812..119342)], ndhA [complement(120431..120985)], trnA-UGC [complement(133316..133350)], trnA-UGC [complement(134177..134214)], trnI-GAU [complement(134285..134319)], trnI-GAU [complement(135357..135393)], ndhB [140600..141376], ndhB [142050..142805]</p>	<p>[complement(4963..5826)], trnG-UCC [8645..9375], atpF [complement(11732..12525)], rpoC1 [complement(21715..22483)], ycf3 [complement(42084..42836)], ycf3 [complement(43065..43833)], trnL-UAA [47210..47773], trnV-UAC [55664..56254], clpP [complement(69493..70089)], clpP [complement(70382..71235)], petB [74207..75020], petD [75931..76650], rpl16 [complement(80900..81984)], ndhB [complement(93795..94467)], trnI-GAU [100488..101524], trnA-UGC [101668..102493], ndhA [complement(119343..120430)], trnA-UGC [complement(133351..134176)], trnI-GAU [complement(134320..135356)], ndhB [141377..142049]</p>
726.	CHAQ	37	<p>trnK-UUU [1380..1414], trnK-UUU [3903..3939], trnG-UCC [complement(13005..13052)], trnG-UCC [complement(13877..13904)], trnL-UAA [47610..47644], trnL-UAA [48089..48138], trnV-UAC [complement(51582..51618)], trnV-UAC [complement(52215..52253)], rps12 [128644..128672], trnI-GAU [94830..94866], trnI-GAU [95818..95852], trnA-UGC [95918..95955], trnA-UGC [96768..96801], trnA-UGC [complement(122077..122111)], trnA-UGC [complement(122923..122960)], trnI-GAU [complement(123026..123060)], trnI-GAU [complement(124012..124048)]</p>	<p>trnK-UUU [1415..3902], rps16 [complement(4721..5539)], trnG-UCC [complement(13053..13876)], atpF [34200..35031], ycf3 [complement(43355..44076)], ycf3 [complement(44305..45042)], trnL-UAA [47645..48088], trnV-UAC [complement(51619..52214)], petB [72946..73756], petD [74591..75347], rpl16 [complement(79814..80905)], rpl2 [complement(83330..83992)], ndhB [complement(87889..88600)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[94867..95817], trnA-UGC [95956..96767], ndhA [complement(113187..114173)], trnA-UGC [complement(122112..122922)], trnI-GAU [complement(123061..124011)], ndhB [130278..130989], rpl2 [134886..135548]
727.	CHAR	73	rps12 [complement(100120..100145)], rps12 [complement(100683..100914)], rps12 [complement(72868..72981)], trnK-UUU [complement(2198..2232)], trnK-UUU [complement(4799..4835)], rps16 [complement(5787..6016)], rps16 [complement(6987..7026)], trnG-UCC [9978..10000], trnG-UCC [10714..10761], atpF [complement(12924..13333)], atpF [complement(14096..14240)], rpoC1 [complement(22346..23956)], rpoC1 [complement(24765..25196)], ycf3 [complement(44833..44985)], ycf3 [complement(45748..45975)], ycf3 [complement(46756..46881)], trnL-UAA [49918..49952], trnL-UAA [50481..50530], trnV-UAC [complement(53705..53739)], trnV-UAC [complement(54357..54395)], rps12 [complement(72868..72981)], rps12 [143769..144000], rps12 [144538..144563], clpP [complement(73139..73366)], clpP [complement(74075..74366)], clpP [complement(75241..75311)], petB [78257..78262], petB [79000..79641], petD [79852..79859], petD [80584..81058], rpl16 [complement(84424..84822)], rpl16 [complement(85876..85884)], rpl2 [complement(86796..87229)], rpl2 [complement(87919..88309)], ndhB [complement(97059..97814)], ndhB [complement(98500..99276)], trnI-GAU [104728..104764], trnI-GAU [105703..105737], trnA-UGC [105802..105839], trnA-UGC [106642..106676], ndhA [complement(123445..123984)], ndhA [complement(125251..125802)], trnA-UGC [complement(138007..138041)], trnA-UGC [complement(138844..138881)], trnI-GAU [complement(138946..138980)], trnI-GAU [complement(139919..139955)], ndhB [145407..146183], ndhB [146869..147624], rpl2 [156374..156764], rpl2 [157454..157887]	trnK-UUU [complement(2233..4798)], rps16 [complement(6017..6986)], trnG-UCC [10001..10713], atpF [complement(13334..14095)], rpoC1 [complement(23957..24764)], ycf3 [complement(44986..45747)], ycf3 [complement(45976..46755)], trnL-UAA [49953..50480], trnV-UAC [complement(53740..54356)], clpP [complement(73367..74074)], clpP [complement(74367..75240)], petB [78263..78999], petD [79860..80583], rpl16 [complement(84823..85875)], rpl2 [complement(87230..87918)], ndhB [complement(97815..98499)], trnI-GAU [104765..105702], trnA-UGC [105840..106641], ndhA [complement(123985..125250)], trnA-UGC [complement(138042..138843)], trnI-GAU [complement(138981..139918)], ndhB [146184..146868], rpl2 [156765..157453]
728.	CHAU	66	rps12 [complement(96785..96810)], rps12 [complement(97331..97562)], rps12 [complement(69230..69343)], trnK-UUU [complement(1668..1702)], trnK-UUU [complement(4223..4259)], rps16 [complement(5004..5230)], rps16	trnK-UUU [complement(1703..4222)], rps16 [complement(5231..6049)], trnG-GCC [8662..9350], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6050..6089)], trnG-GCC [8639..8661], trnG-GCC [9351..9397], atpF [complement(11450..11859)], atpF [complement(12620..12764)], rpoC1 [complement(20449..22065)], rpoC1 [complement(22821..23273)], ycf3 [complement(42791..42943)], ycf3 [complement(43685..43914)], ycf3 [complement(44648..44771)], trnL-UAA [47560..47593], trnL-UAA [48061..48110], trnV-UAC [complement(51392..51426)], trnV-UAC [complement(52010..52047)], rps12 [139293..139524], rps12 [140045..140070], clpP [complement(69554..69782)], clpP [complement(70337..70627)], clpP [complement(71530..71600)], petB [74473..74478], petB [75284..75925], petD [76119..76126], petD [76808..77303], rpl16 [complement(80702..81097)], rpl16 [complement(82083..82091)], ndhB [complement(93726..94481)], ndhB [complement(95166..95942)], trnI-GAU [101195..101231], trnI-GAU [102180..102214], trnA-UGC [102279..102316], trnA-UGC [103151..103185], ndhA [complement(119144..119682)], ndhA [complement(120771..121323)], trnA-UGC [complement(133670..133704)], trnA-UGC [complement(134539..134576)], trnI-GAU [complement(134641..134675)], trnI-GAU [complement(135624..135660)], ndhB [140913..141689], ndhB [142374..143129]	[complement(11860..12619)], rpoC1 [complement(22066..22820)], ycf3 [complement(42944..43684)], ycf3 [complement(43915..44647)], trnL-UAA [47594..48060], trnV-UAC [complement(51427..52009)], clpP [complement(69783..70336)], clpP [complement(70628..71529)], petB [74479..75283], petD [76127..76807], rpl16 [complement(81098..82082)], ndhB [complement(94482..95165)], trnI-GAU [101232..102179], trnA-UGC [102317..103150], ndhA [complement(119683..120770)], trnA-UGC [complement(133705..134538)], trnI-GAU [complement(134676..135623)], ndhB [141690..142373]
729.	CHAX	66	rps12 [complement(99744..99811)], rps12 [complement(100348..100579)], rps12 [complement(72242..72355)], rps16 [complement(5309..5535)], rps16 [complement(6418..6457)], trnG-GCC [10146..10168], trnG-GCC [10850..10897], atpF [complement(12836..13246)], atpF [complement(13943..14086)], rpoC1 [complement(21992..23611)], rpoC1 [complement(24371..24823)], ycf3 [complement(44270..44422)], ycf3 [complement(45167..45396)], ycf3 [complement(46102..46225)], trnL-UAA [49074..49108], trnL-UAA [49576..49625], rps12 [141487..141718], rps12 [142255..142322], clpP [complement(72489..72716)], clpP [complement(73371..73662)], clpP [complement(74476..74546)], petB [77471..77476], petB [78181..78822], petD [79005..79012], petD [79760..80234], rpl16 [complement(83650..84048)], rpl16 [complement(84899..84907)], rpl2 [complement(86580..87013)], rpl2	rps16 [complement(5536..6417)], trnG-GCC [10169..10849], atpF [complement(13247..13942)], rpoC1 [complement(23612..24370)], ycf3 [complement(44423..45166)], ycf3 [complement(45397..46101)], trnL-UAA [49109..49575], clpP [complement(72717..73370)], clpP [complement(73663..74475)], petB [77477..78180], petD [79013..79759], rpl16 [complement(84049..84898)], rpl2 [complement(87014..87688)], ndhB [complement(97531..98209)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87689..88079)], ndhB [complement(96775..97530)], ndhB [complement(98210..98986)], trnI-GAU [104265..104301], trnI-GAU [105241..105275], trnA-UGC [105340..105377], trnA-UGC [106189..106223], ndhA [complement(121249..121778)], ndhA [complement(122884..123439)], trnA-UGC [complement(135843..135877)], trnA-UGC [complement(136689..136726)], trnI-GAU [complement(136791..136825)], trnI-GAU [complement(137765..137801)], ndhB [143080..143856], ndhB [144536..145291], rpl2 [153987..154377], rpl2 [155053..155486]	[104302..105240], trnA-UGC [105378..106188], ndhA [complement(121779..122883)], trnA-UGC [complement(135878..136688)], trnI-GAU [complement(136826..137764)], ndhB [143857..144535], rpl2 [154378..155052]
730.	CHBA	64	rps12 [complement(89300..89328)], rps12 [complement(89869..90100)], rps12 [complement(67707..67820)], trnK-UUU [complement(1390..1422)], trnK-UUU [complement(3919..3956)], rps16 [complement(4525..4742)], rps16 [complement(5583..5622)], trnG-UCC [complement(13085..13132)], trnG-UCC [complement(13806..13828)], atpF [33741..33899], atpF [34698..35105], ycf3 [complement(42893..43051)], ycf3 [complement(43782..44009)], ycf3 [complement(44753..44878)], trnL-UAA [47612..47646], trnL-UAA [48200..48249], trnV-UAC [complement(51550..51596)], trnV-UAC [complement(52175..52213)], rps12 [126092..126323], rps12 [126864..126892], petB [71544..71549], petB [72345..72992], petD [73193..73200], petD [73941..74415], rpl16 [complement(77952..78353)], rpl16 [complement(79456..79464)], rpl2 [complement(81392..81823)], rpl2 [complement(82484..82876)], ndhB [complement(86227..86983)], ndhB [complement(87696..88471)], trnI-GAU [93930..93971], trnI-GAU [94681..94715], trnA-UGC [94781..94818], trnA-UGC [95629..95663], ndhA [complement(111069..111608)], ndhA [complement(112630..113178)], trnA-UGC [complement(120529..120563)], trnA-UGC [complement(121374..121411)], trnI-GAU [complement(121477..121511)], trnI-GAU [complement(122221..122262)], ndhB [127721..128496], ndhB [129209..129965], rpl2 [133316..133708], rpl2 [134369..134800]	trnK-UUU [complement(1423..3918)], rps16 [complement(4743..5582)], trnG-UCC [complement(13133..13805)], atpF [33900..34697], ycf3 [complement(43052..43781)], ycf3 [complement(44010..44752)], trnL-UAA [47647..48199], trnV-UAC [complement(51597..52174)], petB [71550..72344], petD [73201..73940], rpl16 [complement(78354..79455)], rpl2 [complement(81824..82483)], ndhB [complement(86984..87695)], trnI-GAU [93972..94680], trnA-UGC [94819..95628], ndhA [complement(111609..112629)], trnA-UGC [complement(120564..121373)], trnI-GAU [complement(121512..122220)], ndhB [128497..129208], rpl2 [133709..134368]
731.	CHBO	63	trnK-UUU [complement(1728..1757)], trnK-UUU [complement(4326..4362)], rps16 [complement(5210..5394)], rps16 [complement(6276..6315)], rpoC1 [15937..16359], rpoC1 [17092..18738], atpF [26668..26812], atpF [27512..27921], ycf3 [complement(41886..42038)], ycf3	trnK-UUU [complement(1758..4325)], rps16 [complement(5395..6275)], rpoC1 [16360..17091], atpF [26813..27511], ycf3 [complement(42039..42778)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42779..43006)], ycf3 [complement(43718..43843)], trnL-UAA [46608..46644], trnL-UAA [47069..47118], trnV-UAC [complement(51058..51094)], trnV-UAC [complement(51667..51704)], rps12 [complement(68436..68549)], rps12 [137049..137291], clpP [complement(68704..68931)], clpP [complement(69540..69830)], clpP [complement(70631..70699)], petB [73619..73624], petB [74372..75013], petD [75202..75209], petD [75885..76359], rpl2 [complement(82932..83366)], rpl2 [complement(84029..84421)], ndhB [complement(92970..93725)], ndhB [complement(94396..95172)], trnI-GAU [100699..100740], trnI-GAU [101517..101551], trnA-UGC [101613..101650], trnA-UGC [102463..102497], ndhA [114187..114733], ndhA [115779..116317], trnA-UGC [complement(131333..131367)], trnA-UGC [complement(132180..132217)], trnI-GAU [complement(132282..132316)], trnI-GAU [complement(133093..133134)], ndhB [138658..139434], ndhB [140105..140860], rpl2 [149409..149801], rpl2 [150464..150898]	[complement(43007..43717)], trnL-UAA [46645..47068], trnV-UAC [complement(51095..51666)], clpP [complement(68932..69539)], clpP [complement(69831..70630)], petB [73625..74371], petD [75210..75884], rpl2 [complement(83367..84028)], ndhB [complement(93726..94395)], trnI-GAU [100741..101516], trnA-UGC [101651..102462], ndhA [114734..115778], trnA-UGC [complement(131368..132179)], trnI-GAU [complement(132317..133092)], ndhB [139435..140104], rpl2 [149802..150463]
732.	CHBR	64	rps12 [complement(91192..91220)], rps12 [complement(91761..91992)], rps12 [complement(68298..68411)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3915..3952)], rps16 [complement(4508..4713)], rps16 [complement(5542..5581)], trnG-UCC [complement(13011..13058)], trnG-UCC [complement(13738..13760)], atpF [34066..34224], atpF [35036..35443], ycf3 [complement(43166..43324)], ycf3 [complement(44063..44290)], ycf3 [complement(45021..45152)], trnL-UAA [47835..47869], trnL-UAA [48420..48478], trnV-UAC [complement(51959..51995)], trnV-UAC [complement(52598..52636)], rps12 [128513..128744], rps12 [129285..129313], petB [72159..72164], petB [72934..73581], petD [73775..73782], petD [74518..74992], rpl16 [complement(78527..78928)], rpl16 [complement(79856..79864)], rpl2 [complement(81825..82256)], rpl2 [complement(82920..83309)], ndhB [complement(88130..88885)], ndhB [complement(89596..90372)], trnI-GAU [95817..95858], trnI-GAU [96806..96840], trnA-UGC [96906..96943], trnA-UGC [97754..97788], ndhA [complement(113282..113821)], ndhA [complement(114819..115358)], trnA-UGC [complement(122717..122751)], trnA-UGC	trnK-UUU [complement(1411..3914)], rps16 [complement(4714..5541)], trnG-UCC [complement(13059..13737)], atpF [34225..35035], ycf3 [complement(43325..44062)], ycf3 [complement(44291..45020)], trnL-UAA [47870..48419], trnV-UAC [complement(51996..52597)], petB [72165..72933], petD [73783..74517], rpl16 [complement(78929..79855)], rpl2 [complement(82257..82919)], ndhB [complement(88886..89595)], trnI-GAU [95859..96805], trnA-UGC [96944..97753], ndhA [complement(113822..114818)], trnA-UGC [complement(122752..123561)], trnI-GAU [complement(123700..124646)], ndhB [130910..131619], rpl2 [137586..138248]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(123562..123599)], trnI-GAU [complement(123665..123699)], trnI-GAU [complement(124647..124688)], ndhB [130133..130909], ndhB [131620..132375], rpl2 [137196..137585], rpl2 [138249..138680]	
733.	CHBS	66	rps12 [complement(99826..99893)], rps12 [complement(100430..100661)], rps12 [complement(72333..72446)], rps16 [complement(5325..5551)], rps16 [complement(6432..6471)], trnG-GCC [10149..10171], trnG-GCC [10849..10896], atpF [complement(12844..13254)], atpF [complement(13952..14095)], rpoC1 [complement(21984..23603)], rpoC1 [complement(24375..24827)], ycf3 [complement(44338..44490)], ycf3 [complement(45234..45463)], ycf3 [complement(46167..46290)], trnL-UAA [49158..49192], trnL-UAA [49658..49707], rps12 [141552..141783], rps12 [142320..142387], clpP [complement(72580..72807)], clpP [complement(73453..73744)], clpP [complement(74563..74633)], petB [77550..77555], petB [78267..78908], petD [79091..79098], petD [79846..80320], rpl16 [complement(83732..84130)], rpl16 [complement(84982..84990)], rpl2 [complement(86661..87094)], rpl2 [complement(87762..88152)], ndhB [complement(96857..97612)], ndhB [complement(98292..99068)], trnI-GAU [104347..104383], trnI-GAU [105324..105358], trnA-UGC [105423..105460], trnA-UGC [106272..106306], ndhA [complement(121316..121845)], ndhA [complement(122952..123507)], trnA-UGC [complement(135907..135941)], trnA-UGC [complement(136753..136790)], trnI-GAU [complement(136855..136889)], trnI-GAU [complement(137830..137866)], ndhB [143145..143921], ndhB [144601..145356], rpl2 [154061..154451], rpl2 [155119..155552]	rps16 [complement(5552..6431)], trnG-GCC [10172..10848], atpF [complement(13255..13951)], rpoC1 [complement(23604..24374)], ycf3 [complement(44491..45233)], ycf3 [complement(45464..46166)], trnL-UAA [49193..49657], clpP [complement(72808..73452)], clpP [complement(73745..74562)], petB [77556..78266], petD [79099..79845], rpl16 [complement(84131..84981)], rpl2 [complement(87095..87761)], ndhB [complement(97613..98291)], trnI-GAU [104384..105323], trnA-UGC [105461..106271], ndhA [complement(121846..122951)], trnA-UGC [complement(135942..136752)], trnI-GAU [complement(136890..137829)], ndhB [143922..144600], rpl2 [154452..155118]
734.	CHBU	73	rps12 [complement(102595..102620)], rps12 [complement(103163..103394)], rps12 [complement(74232..74345)], trnK-UUU [complement(1813..1847)], trnK-UUU [complement(4338..4374)], rps16 [complement(5269..5493)], rps16 [complement(6344..6382)], trnG [9738..9760], trnG [10477..10524], atpF [complement(12514..12921)], atpF [complement(13652..13810)], rpoC1 [complement(21858..23483)], rpoC1 [complement(24236..24670)], ycf3 [complement(45812..45964)], ycf3 [complement(46712..46939)], ycf3 [complement(47687..47812)], trnL-UAA [51109..51145], trnL-UAA	trnK-UUU [complement(1848..4337)], rps16 [complement(5494..6343)], trnG [9761..10476], atpF [complement(12922..13651)], rpoC1 [complement(23484..24235)], ycf3 [complement(45965..46711)], ycf3 [complement(46940..47686)], trnL-UAA [51146..51651], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51652..51702], trnV-UAC [complement(55663..55699)], trnV-UAC [complement(56275..56313)], rps12 [complement(74232..74345)], rps12 [145229..145460], rps12 [146003..146028], clpP [complement(74463..74726)], clpP [complement(75378..75668)], clpP [complement(76480..76548)], petB [79426..79431], petB [80219..80875], petD [81078..81086], petD [81747..82271], rpl16 [complement(85743..86144)], rpl16 [complement(87167..87175)], rpl2 [complement(88884..89318)], rpl2 [complement(89981..90373)], ndhB [complement(99545..100300)], ndhB [complement(100983..101759)], trnI-GAU [107337..107378], trnI-GAU [108324..108358], trnA-UGC [108423..108460], trnA-UGC [109295..109329], ndhA [complement(124785..125324)], ndhA [complement(126371..126922)], trnA-UGC [complement(139294..139328)], trnA-UGC [complement(140163..140200)], trnI-GAU [complement(140265..140299)], trnI-GAU [complement(141245..141286)], ndhB [146864..147640], ndhB [148323..149078], rpl2 [158268..158657], rpl2 [159323..159757]	[complement(55700..56274)], clpP [complement(74727..75377)], clpP [complement(75669..76479)], petB [79432..80218], petD [81087..81746], rpl16 [complement(86145..87166)], rpl2 [complement(89319..89980)], ndhB [complement(100301..100982)], trnI-GAU [107379..108323], trnA-UGC [108461..109294], ndhA [complement(125325..126370)], trnA-UGC [complement(139329..140162)], trnI-GAU [complement(140300..141244)], ndhB [147641..148322], rpl2 [158658..159322]
735.	CHCI	62	rps12 [complement(90270..90305)], rps12 [complement(90844..91074)], rps12 [complement(68169..68285)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3905..3942)], rps16 [complement(4506..4723)], rps16 [complement(5570..5609)], trnG-UCC [complement(13158..13205)], trnG-UCC [complement(13879..13901)], atpF [33843..34001], atpF [34825..35232], ycf3 [complement(42993..43151)], ycf3 [complement(43875..44102)], ycf3 [complement(44841..44972)], trnL-UAA [47605..47639], trnL-UAA [48179..48228], trnV-UAC [complement(51578..51614)], trnV-UAC [complement(52217..52255)], petB [72045..72050], petB [72872..73513], petD [73702..73710], petD [74460..74933], rpl16 [complement(78549..78950)], rpl16 [complement(80029..80037)], rpl2 [complement(82020..82451)], rpl2 [complement(83112..83516)], ndhB [complement(87201..87956)], ndhB [complement(88669..89445)], trnI-GAU [94899..94940], trnI-GAU [95887..95921], trnA-UGC [95987..96024], trnA-UGC [96836..96870], ndhA [complement(113022..113561)], ndhA [complement(114602..115150)], trnA-UGC [complement(122513..122547)], trnA-UGC [complement(123359..123396)], trnI-GAU [complement(123462..123496)],	trnK-UUU [complement(1411..3904)], rps16 [complement(4724..5569)], trnG-UCC [complement(13206..13878)], atpF [34002..34824], ycf3 [complement(43152..43874)], ycf3 [complement(44103..44840)], trnL-UAA [47640..48178], trnV-UAC [complement(51615..52216)], petB [72051..72871], petD [73711..74459], rpl16 [complement(78951..80028)], rpl2 [complement(82452..83111)], ndhB [complement(87957..88668)], trnI-GAU [94941..95886], trnA-UGC [96025..96835], ndhA [complement(113562..114601)], trnA-UGC [complement(122548..123358)], trnI-GAU [complement(123497..124442)], ndhB [130715..131426], rpl2 [136272..136931]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(124443..124484)], ndhB [129938..130714], ndhB [131427..132182], rpl2 [135867..136271], rpl2 [136932..137363]	
736.	CHCO	66	rpl16 [1606..1614], rpl16 [2470..2868], petD [complement(6296..6770)], petD [complement(7516..7523)], petB [complement(7706..8347)], petB [complement(9053..9058)], clpP [11981..12051], clpP [12862..13153], clpP [13799..14026], rps12 [14160..14273], rps12 [141664..141895], rps12 [142432..142457], rps12 [complement(100457..100688)], rps12 [complement(99895..99920)], trnL-UAA [complement(36891..36940)], trnL-UAA [complement(37415..37449)], ycf3 [40337..40460], ycf3 [41171..41400], ycf3 [42133..42285], rpoC1 [61751..62203], rpoC1 [62966..64585], atpF [72468..72611], atpF [73308..73718], trnG-GCC [complement(75665..75712)], trnG-GCC [complement(76390..76412)], rps16 [80112..80151], rps16 [81026..81252], rpl2 [complement(86615..87048)], rpl2 [complement(87724..88114)], ndhB [complement(96888..97643)], ndhB [complement(98323..99099)], trnI-GAU [104374..104410], trnI-GAU [105358..105392], trnA-UGC [105457..105494], trnA-UGC [106306..106340], ndhA [118749..119304], ndhA [120399..120928], trnA-UGC [complement(136012..136046)], trnA-UGC [complement(136858..136895)], trnI-GAU [complement(136960..136994)], trnI-GAU [complement(137942..137978)], ndhB [143253..144029], ndhB [144709..145464], rpl2 [154238..154628], rpl2 [155304..155737]	rpl16 [1615..2469], petD [complement(6771..7515)], petB [complement(8348..9052)], clpP [12052..12861], clpP [13154..13798], trnL-UAA [complement(36941..37414)], ycf3 [40461..41170], ycf3 [41401..42132], rpoC1 [62204..62965], atpF [72612..73307], trnG-GCC [complement(75713..76389)], rps16 [80152..81025], rpl2 [complement(87049..87723)], ndhB [complement(97644..98322)], trnI-GAU [104411..105357], trnA-UGC [105495..106305], ndhA [119305..120398], trnA-UGC [complement(136047..136857)], trnI-GAU [complement(136995..137941)], ndhB [144030..144708], rpl2 [154629..155303]
737.	CHCU	62	rps12 [complement(90510..90545)], rps12 [complement(91084..91314)], rps12 [complement(68430..68546)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3915..3952)], rps16 [complement(4516..4733)], rps16 [complement(5580..5619)], trnG-UCC [complement(13193..13240)], trnG-UCC [complement(13914..13936)], atpF [33891..34049], atpF [34847..35254], ycf3 [complement(43017..43175)], ycf3 [complement(43899..44126)], ycf3 [complement(44867..44998)], trnL-UAA [47614..47648], trnL-UAA [48187..48236], trnV-UAC [complement(51671..51707)], trnV-UAC [complement(52304..52342)], petB [72332..72337], petB [73124..73765], petD [73959..73967], petD [74717..75190], rpl16 [complement(78809..79210)], rpl16 [complement(80268..80276)], rpl2 [complement(82259..82690)], rpl2	trnK-UUU [complement(1412..3914)], rps16 [complement(4734..5579)], trnG-UCC [complement(13241..13913)], atpF [34050..34846], ycf3 [complement(43176..43898)], ycf3 [complement(44127..44866)], trnL-UAA [47649..48186], trnV-UAC [complement(51708..52303)], petB [72338..73123], petD [73968..74716], rpl16 [complement(79211..80267)], rpl2 [complement(82691..83350)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(83351..83755)], ndhB [complement(87441..88196)], ndhB [complement(88909..89685)], trnI-GAU [95139..95180], trnI-GAU [96127..96161], trnA-UGC [96227..96264], trnA-UGC [97076..97110], ndhA [complement(113209..113748)], ndhA [complement(114788..115336)], trnA-UGC [complement(122699..122733)], trnA-UGC [complement(123545..123582)], trnI-GAU [complement(123648..123682)], trnI-GAU [complement(124629..124670)], ndhB [130124..130900], ndhB [131613..132368], rpl2 [136054..136458], rpl2 [137119..137550]	[complement(88197..88908)], trnI-GAU [95181..96126], trnA-UGC [96265..97075], ndhA [complement(113749..114787)], trnA-UGC [complement(122734..123544)], trnI-GAU [complement(123683..124628)], ndhB [130901..131612], rpl2 [136459..137118]
738.	CHDO	72	rps12 [complement(101673..101698)], rps12 [complement(102235..102466)], rps12 [complement(73498..73611)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4303..4339)], rps16 [complement(5196..5421)], rps16 [complement(6280..6317)], trnG-GCC [10082..10104], trnG-GCC [10799..10846], atpF [complement(12853..13261)], atpF [complement(13972..14129)], rpoC1 [complement(21881..23507)], rpoC1 [complement(24235..24668)], ycf3 [complement(44786..44938)], ycf3 [complement(45692..45919)], ycf3 [complement(46640..46765)], trnL-UAA [49956..49992], trnL-UAA [50499..50548], trnV-UAC [complement(54533..54569)], trnV-UAC [complement(55172..55210)], rps12 [144664..144895], rps12 [145432..145457], clpP [complement(73751..73978)], clpP [complement(74619..74909)], clpP [complement(75720..75788)], petB [78714..78719], petB [79462..80118], petD [80303..80311], petD [81035..81559], rpl16 [complement(85011..85412)], rpl16 [complement(86475..86483)], rpl2 [complement(88056..88490)], rpl2 [complement(89236..89628)], ndhB [complement(98615..99370)], ndhB [complement(100050..100826)], trnI-GAU [106404..106445], trnI-GAU [107387..107421], trnA-UGC [107486..107523], trnA-UGC [108331..108365], ndhA [complement(124124..124662)], ndhA [complement(125765..126317)], trnA-UGC [complement(138765..138799)], trnA-UGC [complement(139607..139644)], trnI-GAU [complement(139709..139743)], trnI-GAU [complement(140685..140726)], ndhB [146304..147080], ndhB [147760..148515], rpl2 [157502..157894], rpl2 [158640..159074]	trnK-UUU [complement(1798..4302)], rps16 [complement(5422..6279)], trnG-GCC [10105..10798], atpF [complement(13262..13971)], rpoC1 [complement(23508..24234)], ycf3 [complement(44939..45691)], ycf3 [complement(45920..46639)], trnL-UAA [49993..50498], trnV-UAC [complement(54570..55171)], clpP [complement(73979..74618)], clpP [complement(74910..75719)], petB [78720..79461], petD [80312..81034], rpl16 [complement(85413..86474)], rpl2 [complement(88491..89235)], ndhB [complement(99371..100049)], trnI-GAU [106446..107386], trnA-UGC [107524..108330], ndhA [complement(124663..125764)], trnA-UGC [complement(138800..139606)], trnI-GAU [complement(139744..140684)], ndhB [147081..147759], rpl2 [157895..158639]
739.	CHEG	9	rps12 [complement(92117..92145)], rps12 [complement(92686..92917)],	trnK [complement(1418..3902)], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(69123..69236)], trnK [complement(1385..1417)], trnK [complement(3903..3940)], trnV [complement(52837..52873)], trnV [complement(53476..53514)]	[complement(52874..53475)]
740.	CHER	73	rps12 [complement(100428..100453)], rps12 [complement(100989..101220)], rps12 [complement(72478..72591)], trnK-UUU [complement(1531..1565)], trnK-UUU [complement(4091..4127)], rps16 [complement(4723..4943)], rps16 [complement(5757..5796)], trnG-UCC [9697..9719], trnG-UCC [10417..10464], atpF [complement(12391..12800)], atpF [complement(13515..13659)], rpoC1 [complement(21475..23097)], rpoC1 [complement(23848..24300)], ycf3 [complement(43923..44075)], ycf3 [complement(44817..45044)], ycf3 [complement(45775..45900)], trnL-UAA [48848..48882], trnL-UAA [49379..49428], trnV-UAC [complement(53936..53970)], trnV-UAC [complement(54554..54592)], rps12 [complement(72478..72591)], rps12 [143661..143892], rps12 [144428..144453], clpP [complement(72743..72988)], clpP [complement(73631..73922)], clpP [complement(74750..74820)], petB [77710..77715], petB [78544..79185], petD [79412..79419], petD [80136..80649], rpl16 [complement(84085..84483)], rpl16 [complement(85486..85494)], rpl2 [complement(87146..87576)], rpl2 [complement(88242..88632)], ndhB [complement(97360..98115)], ndhB [complement(98813..99589)], trnI-GAU [105144..105180], trnI-GAU [106136..106170], trnA-UGC [106235..106272], trnA-UGC [107072..107106], ndhA [119452..120003], ndhA [121083..121622], trnA-UGC [complement(137775..137809)], trnA-UGC [complement(138609..138646)], trnI-GAU [complement(138711..138745)], trnI-GAU [complement(139701..139737)], ndhB [145292..146068], ndhB [146766..147521], rpl2 [156249..156639], rpl2 [157305..157735]	trnK-UUU [complement(1566..4090)], rps16 [complement(4944..5756)], trnG-UCC [9720..10416], atpF [complement(12801..13514)], rpoC1 [complement(23098..23847)], ycf3 [complement(44076..44816)], ycf3 [complement(45045..45774)], trnL-UAA [48883..49378], trnV-UAC [complement(53971..54553)], clpP [complement(72989..73630)], clpP [complement(73923..74749)], petB [77716..78543], petD [79420..80135], rpl16 [complement(84484..85485)], rpl2 [complement(87577..88241)], ndhB [complement(98116..98812)], trnI-GAU [105181..106135], trnA-UGC [106273..107071], ndhA [120004..121082], trnA-UGC [complement(137810..138608)], trnI-GAU [complement(138746..139700)], ndhB [146069..146765], rpl2 [156640..157304]
741.	CHFI	66	rps12 [complement(96036..96061)], rps12 [complement(96598..96829)], rps12 [complement(69005..69118)], trnK-UUU [complement(1481..1515)], trnK-UUU [complement(4036..4072)], rps16 [complement(4724..4950)], rps16 [complement(5816..5855)], trnG-UCC [8599..8621], trnG-UCC [9353..9400], atpF [complement(11297..11707)], atpF [complement(12504..12647)], rpoC1	trnK-UUU [complement(1516..4035)], rps16 [complement(4951..5815)], trnG-UCC [8622..9352], atpF [complement(11708..12503)], rpoC1 [complement(21702..22467)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20094..21701)], rpoC1 [complement(22468..22899)], ycf3 [complement(41866..42020)], ycf3 [complement(42786..43013)], ycf3 [complement(43783..43906)], trnL-UAA [47097..47131], trnL-UAA [47698..47747], trnV-UAC [55554..55590], trnV-UAC [56182..56218], rps12 [138663..138894], rps12 [139431..139456], clpP [complement(69254..69481)], clpP [complement(70079..70370)], clpP [complement(71226..71296)], petB [74192..74197], petB [75012..75653], petD [75914..75921], petD [76637..77111], rpl16 [complement(80489..80887)], rpl16 [complement(81977..81985)], ndhB [complement(93013..93768)], ndhB [complement(94442..95218)], trnI-GAU [100426..100462], trnI-GAU [101434..101468], trnA-UGC [101539..101576], trnA-UGC [102403..102437], ndhA [complement(118558..119088)], ndhA [complement(120171..120725)], trnA-UGC [complement(133055..133089)], trnA-UGC [complement(133916..133953)], trnI-GAU [complement(134024..134058)], trnI-GAU [complement(135030..135066)], ndhB [140274..141050], ndhB [141724..142479]	[complement(42021..42785)], ycf3 [complement(43014..43782)], trnL-UAA [47132..47697], trnV-UAC [55591..56181], clpP [complement(69482..70078)], clpP [complement(70371..71225)], petB [74198..75011], petD [75922..76636], rpl16 [complement(80888..81976)], ndhB [complement(93769..94441)], trnI-GAU [100463..101433], trnA-UGC [101577..102402], ndhA [complement(119089..120170)], trnA-UGC [complement(133090..133915)], trnI-GAU [complement(134059..135029)], ndhB [141051..141723]
742.	CHFL	66	rps12 [complement(99958..99986)], rps12 [complement(100523..100754)], rps12 [complement(72354..72467)], rps16 [complement(5316..5542)], rps16 [complement(6421..6460)], trnG-GCC [10159..10181], trnG-GCC [10861..10908], atpF [complement(12853..13263)], atpF [complement(13960..14103)], rpoC1 [complement(21984..23603)], rpoC1 [complement(24365..24817)], ycf3 [complement(44297..44449)], ycf3 [complement(45184..45413)], ycf3 [complement(46121..46244)], trnL-UAA [49133..49167], trnL-UAA [49659..49708], rps12 [141721..141952], rps12 [142489..142517], clpP [complement(72601..72828)], clpP [complement(73475..73766)], clpP [complement(74576..74646)], petB [77562..77567], petB [78270..78911], petD [79094..79101], petD [79848..80322], rpl16 [complement(83746..84144)], rpl16 [complement(85004..85012)], rpl2 [complement(86677..87110)], rpl2 [complement(87786..88176)], ndhB [complement(96951..97706)], ndhB [complement(98386..99162)], trnI-GAU [104440..104476], trnI-GAU [105424..105458], trnA-UGC [105523..105560], trnA-UGC [106372..106406],	rps16 [complement(5543..6420)], trnG-GCC [10182..10860], atpF [complement(13264..13959)], rpoC1 [complement(23604..24364)], ycf3 [complement(44450..45183)], ycf3 [complement(45414..46120)], trnL-UAA [49168..49658], clpP [complement(72829..73474)], clpP [complement(73767..74575)], petB [77568..78269], petD [79102..79847], rpl16 [complement(84145..85003)], rpl2 [complement(87111..87785)], ndhB [complement(97707..98385)], trnI-GAU [104477..105423], trnA-UGC [105561..106371], ndhA [complement(122005..123104)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(121475..122004)], ndhA [complement(123105..123660)], trnA-UGC [complement(136069..136103)], trnA-UGC [complement(136915..136952)], trnI-GAU [complement(137017..137051)], trnI-GAU [complement(137999..138035)], ndhB [143313..144089], ndhB [144769..145524], rpl2 [154299..154689], rpl2 [155365..155798]	[complement(136104..136914)], trnI-GAU [complement(137052..137998)], ndhB [144090..144768], rpl2 [154690..155364]
743.	CHFO	50	trnK-UUU [complement(1513..1547)], trnK-UUU [complement(3982..4018)], rps16 [complement(4575..4696)], rps16 [complement(4934..4973)], trnG-UCC [8987..9009], trnG-UCC [9748..9795], atpF [complement(11654..12063)], atpF [complement(12723..12867)], rpoC1 [complement(19172..20847)], rpoC1 [complement(21571..22012)], ycf3 [complement(38859..39016)], ycf3 [complement(39707..39932)], ycf3 [complement(40627..40752)], trnL-UAA [43179..43213], trnL-UAA [43662..43711], ndhA [complement(48463..49011)], ndhA [complement(49757..50314)], trnA-UGC [complement(60483..60517)], trnA-UGC [complement(61294..61331)], trnI-GAU [complement(61383..61417)], trnI-GAU [complement(62307..62343)], ndhB [67551..68273], ndhB [68910..69665], rpl2 [78739..79138], rpl2 [79781..80211], rpl16 [82020..82028], rpl16 [82862..83272], petD [complement(86785..87274)], petD [complement(87924..87931)], petB [complement(88087..88729)], petB [complement(89500..89504)], trnV-UAC [complement(107070..107106)], trnV-UAC [complement(107626..107663)]	trnK-UUU [complement(1548..3981)], rps16 [complement(4697..4933)], trnG-UCC [9010..9747], atpF [complement(12064..12722)], rpoC1 [complement(20848..21570)], ycf3 [complement(39017..39706)], ycf3 [complement(39933..40626)], trnL-UAA [43214..43661], ndhA [complement(49012..49756)], trnA-UGC [complement(60518..61293)], trnI-GAU [complement(61418..62306)], ndhB [68274..68909], rpl2 [79139..79780], rpl16 [82029..82861], petD [complement(87275..87923)], petB [complement(88730..89499)], trnV-UAC [complement(107107..107625)]
744.	CHGR	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3901..3938)], rps12 [130070..130098]	trnK-UUU [complement(1416..3900)], rps16 [complement(4703..5553)], trnG-UCC [complement(12793..13489)], atpF [34692..35525], ycf3 [complement(43857..44587)], ycf3 [complement(44816..45545)], trnL-UAA [48456..48906], trnV-UAC [complement(52695..53296)], petB [72791..73542], petD [74381..75120], rpl16 [complement(79556..80635)], rpl2 [complement(83032..83694)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(89651..90354)], trnI-GAU [96649..97594], trnA-UGC [97733..98542], ndhA [complement(114546..115573)], trnA-UGC [complement(123516..124325)], trnI-GAU [complement(124464..125409)], ndhB [131704..132407], rpl2 [138364..139026]
745.	CHHA	71	rps12 [complement(148698..148723)], rps12 [complement(149253..149484)], rps12 [complement(74010..74123)], trnK-UUU [complement(1731..1765)], trnK-UUU [complement(4287..4323)], rps16 [complement(4943..5158)], rps16 [complement(5984..6025)], trnG-GCC [9856..9879], trnG-GCC [10666..10713], atpF [complement(12678..13087)], atpF [complement(13828..13972)], rpoC1 [complement(21899..23509)], rpoC1 [complement(24246..24677)], ycf3 [complement(45325..45477)], ycf3 [complement(46207..46434)], ycf3 [complement(47176..47301)], trnL-UAA [50069..50103], trnL-UAA [50606..50655], trnV-UAC [complement(55323..55359)], trnV-UAC [complement(55945..55983)], rps12 [complement(74010..74123)], rps12 [100438..100669], rps12 [101199..101224], clpP [complement(75683..75991)], clpP [complement(76750..76818)], petB [79733..79738], petB [80551..81192], petD [81401..81408], petD [82154..82679], rpl16 [complement(86292..86690)], rpl16 [complement(87709..87717)], trnA-UGC [complement(94533..94567)], trnA-UGC [complement(95374..95411)], trnI-GAU [complement(95476..95510)], trnI-GAU [complement(96446..96487)], ndhB [102077..102853], ndhB [103546..104301], rpl2 [113937..114323], rpl2 [114990..115421], ndhA [complement(125403..125942)], ndhA [complement(127042..127593)], rpl2 [complement(134501..134932)], rpl2 [complement(135599..135985)], ndhB [complement(145621..146376)], ndhB [complement(147069..147845)], trnI-GAU [153435..153476], trnI-GAU [154412..154446], trnA-UGC [154511..154548], trnA-UGC [155355..155389]	trnK-UUU [complement(1766..4286)], rps16 [complement(5159..5983)], trnG-GCC [9880..10665], atpF [complement(13088..13827)], rpoC1 [complement(23510..24245)], ycf3 [complement(45478..46206)], ycf3 [complement(46435..47175)], trnL-UAA [50104..50605], trnV-UAC [complement(55360..55944)], clpP [complement(75992..76749)], petB [79739..80550], petD [81409..82153], rpl16 [complement(86691..87708)], trnA-UGC [complement(94568..95373)], trnI-GAU [complement(95511..96445)], ndhB [102854..103545], rpl2 [114324..114989], ndhA [complement(125943..127041)], rpl2 [complement(134933..135598)], ndhB [complement(146377..147068)], trnI-GAU [153477..154411], trnA-UGC [154549..155354]
746.	CHHO	53	trnK-UUU [complement(1600..1634)], trnK-UUU [complement(4092..4128)], rps16 [complement(4797..4867)], rps16 [complement(5154..5193)], ycf3 [9161..9286], ycf3 [9975..10202], ycf3 [10893..11048], rpoC1 [27914..28354],	trnK-UUU [complement(1635..4091)], rps16 [complement(4868..5153)], ycf3 [9287..9974], ycf3 [10203..10892], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpoC1 [29081..30883], atpF [37527..37671], atpF [38332..38741], trnG-UCC [complement(40609..40656)], trnG-UCC [complement(41396..41418)], trnL-UAA [43861..43895], trnL-UAA [44334..44383], ndhA [complement(49193..49732)], ndhA [complement(50478..51035)], trnA-UGC [complement(61036..61070)], trnA-UGC [complement(61847..61884)], trnI-GAU [complement(61936..61970)], trnI-GAU [complement(62868..62904)], rps12 [complement(101881..101994)], rps12 [66367..66598], rps12 [67161..67186], ndhB [67957..68667], ndhB [69327..70082], rpl2 [79219..79618], rpl2 [80262..80692], rpl16 [82483..82491], rpl16 [83316..83726], petD [complement(87301..87790)], petD [complement(88440..88447)], petB [complement(88607..89248)], petB [complement(90019..90024)], trnV-UAC [complement(107813..107847)], trnV-UAC [complement(108368..108406)]	[28355..29080], atpF [37672..38331], trnG-UCC [complement(40657..41395)], trnL-UAA [43896..44333], ndhA [complement(49733..50477)], trnA-UGC [complement(61071..61846)], trnI-GAU [complement(61971..62867)], ndhB [68668..69326], rpl2 [79619..80261], rpl16 [82492..83315], petD [complement(87791..88439)], petB [complement(89249..90018)], trnV-UAC [complement(107848..108367)]
747.	CHHU	73	rps12 [complement(100609..100634)], rps12 [complement(101176..101404)], rps12 [complement(71764..71877)], trnK-UUU [complement(1404..1438)], trnK-UUU [complement(4082..4118)], rps16 [complement(4891..5111)], rps16 [complement(5987..6026)], trnG-UCC [9051..9073], trnG-UCC [9756..9803], atpF [complement(11766..12176)], atpF [complement(12977..13123)], rpoC1 [complement(21018..22655)], rpoC1 [complement(23408..23836)], ycf3 [complement(42976..43136)], ycf3 [complement(43875..44102)], ycf3 [complement(44819..44942)], trnL-UAA [47963..47997], trnL-UAA [48508..48557], trnV-UAC [complement(53292..53328)], trnV-UAC [complement(53921..53959)], rps12 [complement(71764..71877)], rps12 [143482..143710], rps12 [144252..144277], clpP [complement(72017..72268)], clpP [complement(72914..73205)], clpP [complement(74040..74110)], petB [77040..77045], petB [77829..78476], petD [78690..78697], petD [79430..79943], rpl16 [complement(83434..83832)], rpl16 [complement(84935..84943)], rpl2 [complement(86870..87301)], rpl2 [complement(87964..88353)], ndhB [complement(97535..98290)], ndhB [complement(98995..99771)], trnI-GAU [105371..105412], trnI-GAU [106350..106384], trnA-UGC [106449..106486], trnA-UGC [107288..107322], ndhA [complement(123007..123545)], ndhA [complement(124623..125175)],	trnK-UUU [complement(1439..4081)], rps16 [complement(5112..5986)], trnG-UCC [9074..9755], atpF [complement(12177..12976)], rpoC1 [complement(22656..23407)], ycf3 [complement(43137..43874)], ycf3 [complement(44103..44818)], trnL-UAA [47998..48507], trnV-UAC [complement(53329..53920)], clpP [complement(72269..72913)], clpP [complement(73206..74039)], petB [77046..77828], petD [78698..79429], rpl16 [complement(83833..84934)], rpl2 [complement(87302..87963)], ndhB [complement(98291..98994)], trnI-GAU [105413..106349], trnA-UGC [106487..107287], ndhA [complement(123546..124622)], trnA-UGC [complement(137599..138399)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(137564..137598)], trnA-UGC [complement(138400..138437)], trnI-GAU [complement(138502..138536)], trnI-GAU [complement(139474..139515)], ndhB [145115..145891], ndhB [146596..147351], rpl2 [156533..156922], rpl2 [157585..158016]	[complement(138537..139473)], ndhB [145892..146595], rpl2 [156923..157584]
748.	CHIC	70	rps12 [complement(103290..103315)], rps12 [complement(103852..104083)], rps12 [complement(74078..74191)], trnK-UUU [complement(1847..1881)], trnK-UUU [complement(4457..4493)], trnG-GCC [8327..8349], trnG-GCC [9061..9106], atpF [complement(11780..12190)], atpF [complement(12984..13127)], rpoC1 [complement(21320..22930)], rpoC1 [complement(23725..24156)], ycf3 [complement(45291..45443)], ycf3 [complement(46153..46380)], ycf3 [complement(47112..47237)], trnL-UAA [49521..49557], trnL-UAA [50134..50183], trnV-UAC [complement(54342..54378)], trnV-UAC [complement(54986..55024)], rps12 [complement(74078..74191)], rps12 [147880..148111], rps12 [148648..148673], clpP [complement(74372..74597)], clpP [complement(75233..75525)], clpP [complement(76406..76474)], petB [79480..79485], petB [80318..80959], petD [81154..81161], petD [81950..82424], rpl16 [complement(86185..86583)], rpl16 [complement(87646..87654)], rpl2 [complement(89503..89937)], rpl2 [complement(90613..91011)], ndhB [complement(100219..100974)], ndhB [complement(101663..102439)], trnI-GAU [108080..108121], trnI-GAU [109069..109103], trnA-UGC [109168..109205], trnA-UGC [110014..110048], ndhA [complement(126937..127467)], ndhA [complement(128653..129222)], trnA-UGC [complement(141915..141949)], trnA-UGC [complement(142758..142795)], trnI-GAU [complement(142860..142894)], trnI-GAU [complement(143842..143883)], ndhB [149524..150300], ndhB [150989..151744], rpl2 [160952..161350], rpl2 [162026..162460]	trnK-UUU [complement(1882..4456)], trnG-GCC [8350..9060], atpF [complement(12191..12983)], rpoC1 [complement(22931..23724)], ycf3 [complement(45444..46152)], ycf3 [complement(46381..47111)], trnL-UAA [49558..50133], trnV-UAC [complement(54379..54985)], clpP [complement(74598..75232)], clpP [complement(75526..76405)], petB [79486..80317], petD [81162..81949], rpl16 [complement(86584..87645)], rpl2 [complement(89938..90612)], ndhB [complement(100975..101662)], trnI-GAU [108122..109068], trnA-UGC [109206..110013], ndhA [complement(127468..128652)], trnA-UGC [complement(141950..142757)], trnI-GAU [complement(142895..143841)], ndhB [150301..150988], rpl2 [161351..162025]
749.	CHIM	66	rps12 [complement(99867..99892)], rps12 [complement(100429..100660)], rps12 [complement(72263..72376)], rps16 [complement(5298..5524)], rps16 [complement(6398..6437)], trnG-GCC [10137..10159], trnG-GCC [10837..10884], atpF [complement(12831..13241)], atpF [complement(13938..14081)], rpoC1 [complement(21962..23581)], rpoC1	rps16 [complement(5525..6397)], trnG-GCC [10160..10836], atpF [complement(13242..13937)], rpoC1 [complement(23582..24344)], ycf3 [complement(44420..45150)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(24345..24797)], ycf3 [complement(44267..44419)], ycf3 [complement(45151..45380)], ycf3 [complement(46087..46210)], trnL-UAA [49099..49133], trnL-UAA [49608..49657], rps12 [141637..141868], rps12 [142405..142430], clpP [complement(72510..72737)], clpP [complement(73383..73674)], clpP [complement(74484..74554)], petB [77477..77482], petB [78186..78827], petD [79010..79017], petD [79763..80237], rpl16 [complement(83668..84066)], rpl16 [complement(84922..84930)], rpl2 [complement(86595..87028)], rpl2 [complement(87704..88094)], ndhB [complement(96860..97615)], ndhB [complement(98295..99071)], trnI-GAU [104346..104382], trnI-GAU [105332..105366], trnA-UGC [105431..105468], trnA-UGC [106280..106314], ndhA [complement(121395..121924)], ndhA [complement(123019..123574)], trnA-UGC [complement(135983..136017)], trnA-UGC [complement(136829..136866)], trnI-GAU [complement(136931..136965)], trnI-GAU [complement(137915..137951)], ndhB [143226..144002], ndhB [144682..145437], rpl2 [154203..154593], rpl2 [155269..155702]	[complement(45381..46086)], trnL-UAA [49134..49607], clpP [complement(72738..73382)], clpP [complement(73675..74483)], petB [77483..78185], petD [79018..79762], rpl16 [complement(84067..84921)], rpl2 [complement(87029..87703)], ndhB [complement(97616..98294)], trnI-GAU [104383..105331], trnA-UGC [105469..106279], ndhA [complement(121925..123018)], trnA-UGC [complement(136018..136828)], trnI-GAU [complement(136966..137914)], ndhB [144003..144681], rpl2 [154594..155268]
750.	CHIN	27	trnK-UUU [complement(1719..1748)], trnK-UUU [complement(4320..4356)], ycf3 [complement(41856..42008)]	trnK-UUU [complement(1749..4319)], rps16 [complement(5373..6258)], rpoC1 [16371..17102], atpF [26808..27506], trnG-UCC [complement(29973..30701)], ycf3 [complement(42009..42748)], ycf3 [complement(42979..43689)], trnL-UAA [46632..47054], trnV-UAC [complement(51093..51664)], clpP [complement(68861..69468)], clpP [complement(69760..70556)], petB [73553..74299], petD [75138..75812], rpl2 [complement(83282..83946)], ycf2 [90021..89993], ndhB [complement(93642..94311)], trnI-GAU [100653..101428], trnA-UGC [101566..102377], ndhA [114662..115725],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnA-UGC [complement(131319..132130)], trnI-GAU [complement(132268..133043)], ndhB [139385..140054], ycf2 [complement(143703..143675)], rpl2 [149750..150414]
751.	CHJA	9	rps12 [complement(100999..101025)], rps12 [complement(101561..101791)], rps12 [complement(73014..73127)], trnG-GCC [9791..9813], rps12 [145230..145256]	trnK-UUU [complement(1574..4098)], trnG-GCC [9814..10514], trnL-UAA [49076..49585], trnV-UAC [complement(54304..54895)]
752.	CHJP	38	rps12 [complement(73384..73497)], trnK-UUU [complement(1820..1854)], trnK-UUU [complement(4344..4380)], trnL-UAA [50546..50582], trnL-UAA [51097..51146], trnV-UAC [complement(54723..54759)], trnV-UAC [complement(55352..55389)], rps12 [146253..146282], trnI-GAU [106452..106492], trnI-GAU [107436..107471], trnA-UGC [107536..107572], trnA-UGC [108371..108406], trnA-UGC [complement(139735..139768)], trnA-UGC [complement(140567..140605)], trnI-GAU [complement(140670..140703)], trnI-GAU [complement(141647..141689)]	trnK-UUU [complement(1855..4343)], rps16 [complement(5576..6426)], atpF [complement(12871..13599)], rpoC1 [complement(23502..24242)], ycf3 [complement(45485..46232)], ycf3 [complement(46461..47162)], trnL-UAA [50583..51096], trnV-UAC [complement(54760..55351)], clpP [complement(73890..74519)], clpP [complement(74809..75634)], petB [78648..79438], petD [80274..80991], rpl16 [complement(85414..86397)], rpl2 [complement(88614..89307)], ndhB [complement(99571..100239)], trnI-GAU [106493..107435], trnA-UGC [107573..108370], ndhA [complement(125577..126683)], trnA-UGC [complement(139769..140566)], trnI-GAU [complement(140704..141646)], ndhB [147900..148568], rpl2 [158832..159525]
753.	CHLA	23	trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3883..3920)], rps12 [131233..131261]	trnK-UUU [complement(1415..3882)], rps16 [complement(4677..5512)], trnG-UCC [complement(13492..14179)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[35241..36109], ycf3 [complement(44506..45230)], ycf3 [complement(45459..46196)], trnL-UAA [49097..49639], trnV-UAC [complement(53374..53969)], petB [73598..74376], petD [75215..75954], rpl16 [complement(80382..81447)], rpl2 [complement(83847..84509)], ndhB [complement(90462..91173)], trnI-GAU [97454..98393], trnA-UGC [98532..99346], ndhA [complement(115719..116743)], trnA- UGC [complement(124694..125508)], trnI- GAU [complement(125647..126586)], ndhB [132867..133578], rpl2 [139531..140193]
754.	CHLG	66	rps12 [complement(99963..99997)], rps12 [complement(100534..100765)], rps12 [complement(72359..72472)], rps16 [complement(5313..5539)], rps16 [complement(6415..6454)], trnG-GCC [10131..10153], trnG-GCC [10832..10879], atpF [complement(12824..13234)], atpF [complement(13931..14074)], rpoC1 [complement(22000..23601)], rpoC1 [complement(24359..24811)], ycf3 [complement(44338..44490)], ycf3 [complement(45233..45462)], ycf3 [complement(46166..46289)], trnL-UAA [49164..49198], trnL-UAA [49673..49722], rps12 [141772..142003], rps12 [142540..142574], clpP [complement(72606..72833)], clpP [complement(73476..73767)], clpP [complement(74582..74652)], petB [77569..77574], petB [78285..78926], petD [79109..79116], petD [79851..80325], rpl16 [complement(83754..84152)], rpl16 [complement(85013..85021)], rpl2 [complement(86686..87119)], rpl2 [complement(87795..88185)], ndhB [complement(96959..97714)], ndhB [complement(98394..99170)], trnI-GAU [104452..104488], trnI-GAU [105436..105470], trnA-UGC [105535..105572], trnA-UGC [106384..106418], ndhA [complement(121507..122036)], ndhA [complement(123144..123699)], trnA-UGC [complement(136119..136153)], trnA-UGC	rps16 [complement(5540..6414)], trnG-GCC [10154..10831], atpF [complement(13235..13930)], rpoC1 [complement(23602..24358)], ycf3 [complement(44491..45232)], ycf3 [complement(45463..46165)], trnL-UAA [49199..49672], clpP [complement(72834..73475)], clpP [complement(73768..74581)], petB [77575..78284], petD [79117..79850], rpl16 [complement(84153..85012)], rpl2 [complement(87120..87794)], ndhB [complement(97715..98393)], trnI-GAU [104489..105435], trnA-UGC [105573..106383], ndhA [complement(122037..123143)], trnA-UGC [complement(136154..136964)], trnI-GAU [complement(137102..138048)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136965..137002)], trnI-GAU [complement(137067..137101)], trnI-GAU [complement(138049..138085)], ndhB [143367..144143], ndhB [144823..145578], rpl2 [154352..154742], rpl2 [155418..155851]	[144144..144822], rpl2 [154743..155417]
755.	CHLI	56	rps12 [complement(90344..90372)], rps12 [complement(90913..91144)], rps12 [complement(68264..68377)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3928..3969)], rps16 [complement(4506..4723)], rps16 [complement(5570..5609)], trnG-UCC [complement(13166..13213)], trnG-UCC [complement(13887..13909)], atpF [33855..33998], atpF [34838..35245], trnL-UAA [47569..47603], trnL-UAA [48143..48192], trnV-UAC [complement(51680..51716)], trnV-UAC [complement(52319..52357)], rps12 [128359..128590], rps12 [129131..129159], petB [72137..72142], petB [72964..73605], petD [73794..73801], petD [74551..75025], rpl16 [complement(78641..79042)], rpl16 [complement(80099..80107)], rpl2 [complement(82090..82521)], rpl2 [complement(83185..83574)], ndhB [complement(87271..88026)], ndhB [complement(88739..89515)], trnI-GAU [94969..95010], trnI-GAU [95959..95993], trnA-UGC [96057..96094], trnA-UGC [96907..96941], ndhA [complement(113073..113612)], ndhA [complement(114643..115200)], trnA-UGC [complement(122563..122597)], trnA-UGC [complement(123409..123446)], ndhB [129988..130764], ndhB [131477..132232], rpl2 [135929..136318], rpl2 [136982..137413]	trnK-UUU [complement(1411..3927)], rps16 [complement(4724..5569)], trnG-UCC [complement(13214..13886)], atpF [33999..34837], trnL-UAA [47604..48142], trnV-UAC [complement(51717..52318)], petB [72143..72963], petD [73802..74550], rpl16 [complement(79043..80098)], rpl2 [complement(82522..83184)], ndhB [complement(88027..88738)], trnI-GAU [95011..95958], trnA-UGC [96095..96906], ndhA [complement(113613..114642)], trnA-UGC [complement(122598..123408)], ndhB [130765..131476], rpl2 [136319..136981]
756.	CHLO	62	rps12 [complement(92181..92216)], rps12 [complement(92755..92985)], rps12 [complement(70082..70195)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3924..3961)], rps16 [complement(4518..4733)], rps16 [complement(5569..5610)], trnG-UCC [complement(13628..13679)], trnG-UCC [complement(14345..14367)], atpF [35259..35417], atpF [36288..36695], ycf3 [complement(44493..44651)], ycf3 [complement(45374..45601)], ycf3 [complement(46342..46473)], trnL-UAA [49246..49280], trnL-UAA [49831..49880], trnV-UAC [complement(53311..53347)], trnV-UAC [complement(53944..53982)], petB [73916..73921], petB [74738..75379], petD [75568..75576], petD [76326..76799], rpl16 [complement(80415..80816)], rpl16 [complement(81928..81936)], rpl2 [complement(83918..84349)], rpl2 [complement(85010..85402)], ndhB [complement(89112..89867)], ndhB	trnK-UUU [complement(1410..3923)], rps16 [complement(4734..5568)], trnG-UCC [complement(13680..14344)], atpF [35418..36287], ycf3 [complement(44652..45373)], ycf3 [complement(45602..46341)], trnL-UAA [49281..49830], trnV-UAC [complement(53348..53943)], petB [73922..74737], petD [75577..76325], rpl16 [complement(80817..81927)], rpl2 [complement(84350..85009)], ndhB [complement(89868..90579)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90580..91356)], trnI-GAU [96810..96851], trnI-GAU [97797..97831], trnA-UGC [97902..97939], trnA-UGC [98751..98785], ndhA [complement(114870..115409)], ndhA [complement(116455..117003)], trnA-UGC [complement(124370..124404)], trnA-UGC [complement(125216..125253)], trnI-GAU [complement(125324..125358)], trnI-GAU [complement(126304..126345)], ndhB [131799..132575], ndhB [133288..134043], rpl2 [137753..138145], rpl2 [138806..139237]	[96852..97796], trnA-UGC [97940..98750], ndhA [complement(115410..116454)], trnA-UGC [complement(124405..125215)], trnI-GAU [complement(125359..126303)], ndhB [132576..133287], rpl2 [138146..138805]
757.	CHLU	26	rps12 [complement(96509..96748)], rps12 [complement(68408..68521)], trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4316..4352)], rps12 [137024..137263]	trnK-UUU [complement(1765..4315)], rps16 [complement(5384..6266)], atpF [26788..27486], trnG-UCC [complement(29953..30680)], ycf3 [complement(41990..42729)], ycf3 [complement(42960..43671)], trnL-UAA [46630..47054], trnV-UAC [complement(51099..51670)], clpP [complement(68905..69509)], clpP [complement(69801..70597)], petB [73593..74339], petD [75176..75853], rpl2 [complement(83337..83998)], ndhB [complement(93696..94365)], trnI-GAU [100708..101483], trnA-UGC [101621..102432], ndhA [complement(118019..119080)], trnA-UGC [complement(131340..132151)], trnI-GAU [complement(132289..133064)], ndhB [139407..140076], rpl2 [149774..150435]
758.	CHM A	64	rps12 [complement(89405..89433)], rps12 [complement(89974..90205)], rps12 [complement(67951..68064)], trnK-UUU [complement(1387..1419)], trnK-UUU [complement(3911..3948)], rps16 [complement(4509..4726)], rps16 [complement(5562..5601)], trnG-UCC [complement(12612..12659)], trnG-UCC [complement(13342..13364)], atpF [33680..33838], atpF [34655..35062], ycf3 [complement(42788..42946)], ycf3 [complement(43672..43899)], ycf3	trnK-UUU [complement(1420..3910)], rps16 [complement(4727..5561)], trnG-UCC [complement(12660..13341)], atpF [33839..34654], ycf3 [complement(42947..43671)], ycf3 [complement(43900..44637)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44638..44763)], trnL-UAA [47470..47504], trnL-UAA [48042..48091], trnV-UAC [complement(51584..51630)], trnV-UAC [complement(52207..52245)], rps12 [126404..126635], rps12 [127176..127204], petB [71816..71821], petB [72561..73208], petD [73391..73398], petD [74138..74612], rpl16 [complement(78145..78546)], rpl16 [complement(79506..79514)], rpl2 [complement(81466..81897)], rpl2 [complement(82561..82950)], ndhB [complement(86328..87084)], ndhB [complement(87801..88576)], trnI-GAU [94074..94115], trnI-GAU [94826..94860], trnA-UGC [94926..94963], trnA-UGC [95774..95808], ndhA [complement(111297..111836)], ndhA [complement(112859..113407)], trnA-UGC [complement(120801..120835)], trnA-UGC [complement(121646..121683)], trnI-GAU [complement(121749..121783)], trnI-GAU [complement(122494..122535)], ndhB [128033..128809], ndhB [129526..130281], rpl2 [133659..134048], rpl2 [134712..135143]	[47505..48041], trnV-UAC [complement(51631..52206)], petB [71822..72560], petD [73399..74137], rpl16 [complement(78547..79505)], rpl2 [complement(81898..82560)], ndhB [complement(87085..87800)], trnI-GAU [94116..94825], trnA-UGC [94964..95773], ndhA [complement(111837..112858)], trnA-UGC [complement(120836..121645)], trnI-GAU [complement(121784..122493)], ndhB [128810..129525], rpl2 [134049..134711]
759.	CHM C	66	rps12 [complement(99108..99142)], rps12 [complement(99679..99910)], rps12 [complement(71597..71710)], rps16 [complement(5297..5523)], rps16 [complement(6403..6442)], trnG-GCC [9700..9722], trnG-GCC [10403..10450], atpF [complement(12392..12802)], atpF [complement(13498..13641)], rpoC1 [complement(21531..23150)], rpoC1 [complement(23915..24367)], ycf3 [complement(43788..43940)], ycf3 [complement(44684..44913)], ycf3 [complement(45623..45746)], trnL-UAA [48623..48657], trnL-UAA [49132..49181], rps12 [140855..141086], rps12 [141623..141657], clpP [complement(71844..72071)], clpP [complement(72695..72986)], clpP [complement(73796..73866)], petB [76781..76786], petB [77485..78126], petD [78309..78316], petD [79080..79554], rpl16 [complement(82961..83359)], rpl16 [complement(84225..84233)], rpl2 [complement(85901..86334)], rpl2 [complement(87002..87392)], ndhB [complement(96101..96856)], ndhB [complement(97540..98316)], trnI-GAU [103597..103633], trnI-GAU [104583..104617], trnA-UGC [104682..104719], trnA-UGC [105531..105565], ndhA [complement(120645..121174)], ndhA [complement(122263..122818)], trnA-UGC [complement(135200..135234)], trnA-UGC	rps16 [complement(5524..6402)], trnG-GCC [9723..10402], atpF [complement(12803..13497)], rpoC1 [complement(23151..23914)], ycf3 [complement(43941..44683)], ycf3 [complement(44914..45622)], trnL-UAA [48658..49131], clpP [complement(72072..72694)], clpP [complement(72987..73795)], petB [76787..77484], petD [78317..79079], rpl16 [complement(83360..84224)], rpl2 [complement(86335..87001)], ndhB [complement(96857..97539)], trnI-GAU [103634..104582], trnA-UGC [104720..105530], ndhA [complement(121175..122262)], trnA-UGC [complement(135235..136045)], trnI-GAU [complement(136183..137131)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136046..136083)], trnI-GAU [complement(136148..136182)], trnI-GAU [complement(137132..137168)], ndhB [142449..143225], ndhB [143909..144664], rpl2 [153373..153763], rpl2 [154431..154864]	[143226..143908], rpl2 [153764..154430]
760.	CHM D	3	rps12 [complement(90054..90082)], rps12 [complement(90623..90854)], rps12 [complement(67026..67139)]	-
761.	CHM L	66	rps12 [complement(99589..99614)], rps12 [complement(100151..100382)], rps12 [complement(72000..72113)], rps16 [complement(5308..5534)], rps16 [complement(6415..6454)], trnG-GCC [10124..10146], trnG-GCC [10829..10876], atpF [complement(12809..13219)], atpF [complement(13931..14074)], rpoC1 [complement(21992..23611)], rpoC1 [complement(24378..24830)], ycf3 [complement(44340..44492)], ycf3 [complement(45228..45457)], ycf3 [complement(46169..46292)], trnL-UAA [49173..49207], trnL-UAA [49682..49731], rps12 [141372..141603], rps12 [142140..142165], clpP [complement(72247..72474)], clpP [complement(73117..73408)], clpP [complement(74217..74287)], petB [77204..77208], petB [77914..78556], petD [78739..78746], petD [79481..79955], rpl16 [complement(83385..83783)], rpl16 [complement(84635..84643)], rpl2 [complement(86308..86741)], rpl2 [complement(87417..87807)], ndhB [complement(96582..97337)], ndhB [complement(98017..98793)], trnI-GAU [104068..104104], trnI-GAU [105052..105086], trnA-UGC [105151..105188], trnA-UGC [106000..106034], ndhA [118440..118995], ndhA [120104..120633], trnA-UGC [complement(135720..135754)], trnA-UGC [complement(136566..136603)], trnI-GAU [complement(136668..136702)], trnI-GAU [complement(137650..137686)], ndhB [142961..143737], ndhB [144417..145172], rpl2 [153947..154337], rpl2 [155013..155446]	rps16 [complement(5535..6414)], trnG-GCC [10147..10828], atpF [complement(13220..13930)], rpoC1 [complement(23612..24377)], ycf3 [complement(44493..45227)], ycf3 [complement(45458..46168)], trnL-UAA [49208..49681], clpP [complement(72475..73116)], clpP [complement(73409..74216)], petB [77209..77913], petD [78747..79480], rpl16 [complement(83784..84634)], rpl2 [complement(86742..87416)], ndhB [complement(97338..98016)], trnI-GAU [104105..105051], trnA-UGC [105189..105999], ndhA [118996..120103], trnA-UGC [complement(135755..136565)], trnI-GAU [complement(136703..137649)], ndhB [143738..144416], rpl2 [154338..155012]
762.	CHM N	25	trnK-UUU [complement(1770..1804)], trnK-UUU [complement(4376..4412)], trnG-UCC [9643..9665], trnG-UCC [10368..10415], trnL-UAA [49046..49080], trnL-UAA [49620..49669], trnV-UAC [complement(51905..51941)], trnV-UAC [complement(52559..52597)], rps12 [133669..133694], trnI-GAU [102038..102074], trnI-GAU [103002..103036], trnA-UGC [103101..103138], trnA-UGC [103947..103981], trnA-UGC	trnK-UUU [complement(1805..4375)], trnG-UCC [9666..10367], trnL-UAA [49081..49619], trnV-UAC [complement(51942..52558)], trnI-GAU [102075..103001], trnA-UGC [103139..103946], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(126986..127020)], trnA-UGC [complement(127829..127866)], trnI-GAU [complement(127931..127965)], trnI-GAU [complement(128893..128929)]	[complement(127021..127828)], trnI-GAU [complement(127966..128892)]
763.	CHM O	25	trnK-UUU [complement(1727..1756)], trnK-UUU [complement(4326..4362)], rps12 [137066..137308]	trnK-UUU [complement(1757..4325)], rps16 [complement(5392..6276)], rpoC1 [16367..17097], atpF [26802..27500], ycf3 [complement(41982..42724)], ycf3 [complement(42955..43663)], trnL-UAA [46601..47025], trnV-UAC [complement(51079..51649)], clpP [complement(68911..69518)], clpP [complement(69809..70597)], petB [73596..74342], petD [75181..75855], rpl2 [complement(83328..83992)], ycf2 [90067..90039], ndhB [complement(93693..94362)], trnI-GAU [100701..101475], trnA-UGC [101613..102424], ndhA [114702..115770], trnA-UGC [complement(131397..132208)], trnI-GAU [complement(132346..133120)], ndhB [139456..140122], rpl2 [149826..150490]
764.	CHM U	41	rps12 [complement(90219..90247)], rps12 [complement(90788..91019)], rps12 [complement(69100..69213)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3902..3938)], trnG-UCC [complement(13005..13052)], trnG-UCC [complement(13739..13761)], trnL-UAA [47608..47642], trnL-UAA [48087..48136], trnV-UAC [complement(51580..51616)], trnV-UAC [complement(52213..52251)], rps12 [127912..128143], rps12 [128684..128712], trnI-GAU [94843..94879], trnI-GAU [95831..95865], trnA-UGC [95931..95968], trnA-UGC [96781..96815], trnA-UGC [complement(122116..122150)], trnA-UGC [complement(122963..123000)], trnI-GAU [complement(123066..123100)],	trnK-UUU [complement(1415..3901)], rps16 [complement(4720..5537)], trnG-UCC [complement(13053..13738)], atpF [34198..35029], ycf3 [complement(43352..44074)], ycf3 [complement(44303..45040)], trnL-UAA [47643..48086], trnV-UAC [complement(51617..52212)], petB [72962..73772], petD [74607..75362], rpl16 [complement(79828..80919)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(124052..124088)]	[complement(83343..84005)], ndhB [complement(87902..88613)], trnI-GAU [94880..95830], trnA-UGC [95969..96780], ndhA [complement(113226..114212)], trnA-UGC [complement(122151..122962)], trnI-GAU [complement(123101..124051)], ndhB [130318..131029], rpl2 [134926..135588]
765.	CHM X	66	rps12 [complement(99695..99762)], rps12 [complement(100299..100530)], rps12 [complement(72219..72332)], rps16 [complement(5230..5456)], rps16 [complement(6343..6382)], trnG-GCC [10067..10089], trnG-GCC [10776..10823], atpF [complement(12764..13174)], atpF [complement(13872..14015)], rpoC1 [complement(21901..23520)], rpoC1 [complement(24279..24731)], ycf3 [complement(44189..44341)], ycf3 [complement(45085..45314)], ycf3 [complement(46015..46138)], trnL-UAA [48992..49026], trnL-UAA [49501..49550], rps12 [141443..141674], rps12 [142211..142278], clpP [complement(72466..72693)], clpP [complement(73339..73630)], clpP [complement(74440..74510)], petB [77435..77440], petB [78145..78786], petD [78969..78976], petD [79724..80198], rpl16 [complement(83614..84012)], rpl16 [complement(84866..84874)], rpl2 [complement(86539..86972)], rpl2 [complement(87648..88038)], ndhB [complement(96734..97489)], ndhB [complement(98169..98945)], trnI-GAU [104216..104252], trnI-GAU [105200..105234], trnA-UGC [105299..105336], trnA-UGC [106148..106182], ndhA [complement(121212..121741)], ndhA [complement(122847..123402)], trnA-UGC [complement(135791..135825)], trnA-UGC [complement(136637..136674)], trnI-GAU [complement(136739..136773)], trnI-GAU [complement(137721..137757)], ndhB [143028..143804], ndhB [144484..145239], rpl2 [153935..154325], rpl2 [155001..155434]	rps16 [complement(5457..6342)], trnG-GCC [10090..10775], atpF [complement(13175..13871)], rpoC1 [complement(23521..24278)], ycf3 [complement(44342..45084)], ycf3 [complement(45315..46014)], trnL-UAA [49027..49500], clpP [complement(72694..73338)], clpP [complement(73631..74439)], petB [77441..78144], petD [78977..79723], rpl16 [complement(84013..84865)], rpl2 [complement(86973..87647)], ndhB [complement(97490..98168)], trnI-GAU [104253..105199], trnA-UGC [105337..106147], ndhA [complement(121742..122846)], trnA-UGC [complement(135826..136636)], trnI-GAU [complement(136774..137720)], ndhB [143805..144483], rpl2 [154326..155000]
766.	CHNA	72	rps12 [complement(97913..97942)], rps12 [complement(98485..98712)], rps12 [complement(69565..69678)], trnK-UUU [complement(1499..1533)], trnK-UUU [complement(4215..4251)], rps16 [complement(4987..5213)], rps16 [complement(6070..6109)], trnG-GCC [8597..8619], trnG-GCC [9307..9354],	trnK-UUU [complement(1534..4214)], rps16 [complement(5214..6069)], trnG-GCC [8620..9306], atpF [complement(11708..12503)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(11297..11707)], atpF [complement(12504..12647)], rpoC1 [complement(20546..22166)], rpoC1 [complement(22911..23338)], ycf3 [complement(42479..42639)], ycf3 [complement(43373..43600)], ycf3 [complement(44317..44431)], trnL-UAA [47247..47281], trnL-UAA [47791..47840], trnV-UAC [complement(51091..51127)], trnV-UAC [complement(51725..51763)], rps12 [139378..139606], rps12 [140148..140173], clpP [complement(69858..70088)], clpP [complement(70757..71048)], clpP [complement(71861..71931)], petB [74859..74864], petB [75651..76298], petD [76512..76519], petD [77243..77756], rpl16 [complement(81296..81694)], rpl16 [complement(82854..82862)], rpl2 [complement(84841..85272)], rpl2 [complement(85941..86330)], ndhB [complement(94836..95591)], ndhB [complement(96296..97072)], trnI-GAU [102264..102305], trnI-GAU [103248..103282], trnA-UGC [103347..103384], trnA-UGC [104191..104225], ndhA [complement(119364..119902)], ndhA [complement(120952..121504)], trnA-UGC [complement(133865..133899)], trnA-UGC [complement(134706..134743)], trnI-GAU [complement(134808..134842)], trnI-GAU [complement(135785..135826)], ndhB [141018..141794], ndhB [142499..143254], rpl2 [151760..152149], rpl2 [152818..153249]	[complement(22167..22910)], ycf3 [complement(42640..43372)], ycf3 [complement(43601..44316)], trnL-UAA [47282..47790], trnV-UAC [complement(51128..51724)], clpP [complement(70089..70756)], clpP [complement(71049..71860)], petB [74865..75650], petD [76520..77242], rpl16 [complement(81695..82853)], rpl2 [complement(85273..85940)], ndhB [complement(95592..96295)], trnI-GAU [102306..103247], trnA-UGC [103385..104190], ndhA [complement(119903..120951)], trnA-UGC [complement(133900..134705)], trnI-GAU [complement(134843..135784)], ndhB [141795..142498], rpl2 [152150..152817]
767.	CHNI	39	rps12 [complement(70973..71086)], trnK-UUU [complement(1672..1705)], trnK-UUU [complement(4178..4214)], trnG-UCC [9370..9393], trnG-UCC [10170..10217], trnL-UAA [47996..48030], trnL-UAA [48509..48558], trnV-UAC [complement(52403..52439)], trnV-UAC [complement(53031..53069)], trnI-GAU [103120..103161], trnI-GAU [104110..104144], trnA-UGC [104209..104246], trnA-UGC [105045..105079], trnA-UGC [complement(135054..135088)], trnA-UGC [complement(135887..135924)], trnI-GAU [complement(135989..136023)], trnI-GAU [complement(136972..137013)]	trnK-UUU [complement(1706..4177)], rps16 [complement(5223..6058)], trnG-UCC [9394..10169], atpF [complement(12544..13253)], rpoC1 [complement(22979..23691)], ycf3 [complement(43494..44212)], ycf3 [complement(44441..45176)], trnL-UAA [48031..48508], trnV-UAC [complement(52440..53030)], clpP [complement(71479..72104)], clpP [complement(72396..73170)], petB [76129..76897], petD [77747..78445], rpl16 [complement(82764..83710)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(85835..86495)], ndhB [complement(96761..97460)], trnI-GAU [103162..104109], trnA-UGC [104247..105044], ndhA [complement(121184..122291)], trnA-UGC [complement(135089..135886)], trnI-GAU [complement(136024..136971)], ndhB [142673..143372]
768.	CHOR	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3911..3948)], rps12 [130753..130781]	trnK-UUU [complement(1416..3910)], rps16 [complement(4719..5552)], trnG-UCC [complement(13493..14173)], atpF [35321..36150], ycf3 [complement(44481..45212)], ycf3 [complement(45441..46173)], trnL-UAA [49107..49557], trnV-UAC [complement(53316..53917)], petB [73395..74145], petD [74984..75723], rpl16 [complement(80192..81271)], rpl2 [complement(83660..84322)], ndhB [complement(90273..90977)], trnI-GAU [97292..98238], trnA-UGC [98377..99186], ndhA [complement(115198..116334)], trnA-UGC [complement(124178..124987)], trnI-GAU [complement(125126..126072)], ndhB [132387..133091], rpl2 [139042..139704]
769.	CHPA	69	rps12 [complement(99568..99593)], rps12 [complement(100130..100361)], rps12 [complement(71971..72084)], trnK [1841..1875], trnK [4371..4407], rps16 [complement(5321..5547)], rps16 [complement(6428..6467)], trnG-GCC [10130..10152], trnG-GCC [10831..10878], atpF [complement(12812..13222)], atpF [complement(13918..14061)], rpoC1 [complement(21972..23591)], rpoC1 [complement(24353..24805)], ycf3 [complement(44344..44496)], ycf3 [complement(45243..45472)], ycf3 [complement(46181..46304)], trnL-UAA	trnK [1876..4370], rps16 [complement(5548..6427)], trnG-GCC [10153..10830], atpF [complement(13223..13917)], rpoC1 [complement(23592..24352)], ycf3 [complement(44497..45242)], ycf3 [complement(45473..46180)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49203..49237], trnL-UAA [49712..49761], rps12 [141306..141537], rps12 [142074..142099], clpP [complement(72218..72445)], clpP [complement(73088..73379)], clpP [complement(74190..74260)], petB [77177..77182], petB [77895..78536], petD [78719..78726], petD [79462..79936], rpl16 [complement(83366..83764)], rpl16 [complement(84618..84626)], rpl2 [complement(86288..86721)], rpl2 [complement(87397..87787)], ndhB [complement(96561..97316)], ndhB [complement(97996..98772)], trnI-GAU [104047..104083], trnI-GAU [105031..105065], trnA-UGC [105130..105167], trnA-UGC [105979..106013], ndhA [complement(121039..121568)], ndhA [complement(122676..123231)], trnA-UGC [complement(135654..135688)], trnA-UGC [complement(136500..136537)], trnI-GAU [complement(136602..136636)], trnI-GAU [complement(137584..137620)], ndhB [142895..143671], ndhB [144351..145106], rpl2 [153880..154270], rpl2 [154946..155379]	[49238..49711], clpP [complement(72446..73087)], clpP [complement(73380..74189)], petB [77183..77894], petD [78727..79461], rpl16 [complement(83765..84617)], rpl2 [complement(86722..87396)], ndhB [complement(97317..97995)], trnI-GAU [104084..105030], trnA-UGC [105168..105978], ndhA [complement(121569..122675)], trnA-UGC [complement(135689..136499)], trnI-GAU [complement(136637..137583)], ndhB [143672..144350], rpl2 [154271..154945]
770.	CHPE	66	rps12 [complement(99842..99876)], rps12 [complement(100413..100644)], rps12 [complement(72304..72417)], rps16 [complement(5321..5547)], rps16 [complement(6429..6468)], trnG-GCC [10187..10209], trnG-GCC [10888..10935], atpF [complement(12873..13283)], atpF [complement(13980..14123)], rpoC1 [complement(22016..23635)], rpoC1 [complement(24407..24859)], ycf3 [complement(44358..44510)], ycf3 [complement(45255..45484)], ycf3 [complement(46193..46316)], trnL-UAA [49161..49195], trnL-UAA [49670..49719], rps12 [141490..141721], rps12 [142258..142292], clpP [complement(72552..72779)], clpP [complement(73427..73718)], clpP [complement(74530..74600)], petB [77499..77504], petB [78212..78853], petD [79036..79043], petD [79791..80265], rpl16 [complement(83676..84074)], rpl16 [complement(84935..84943)], rpl2 [complement(86614..87047)], rpl2 [complement(87723..88113)], ndhB [complement(96839..97594)], ndhB [complement(98274..99050)], trnI-GAU [104253..104289], trnI-GAU [105239..105273], trnA-UGC [105338..105375], trnA-UGC [106187..106221], ndhA [complement(121327..121856)], ndhA [complement(122984..123539)], trnA-UGC [complement(135913..135947)], trnA-UGC	rps16 [complement(5548..6428)], trnG-GCC [10210..10887], atpF [complement(13284..13979)], rpoC1 [complement(23636..24406)], ycf3 [complement(44511..45254)], ycf3 [complement(45485..46192)], trnL-UAA [49196..49669], clpP [complement(72780..73426)], clpP [complement(73719..74529)], petB [77505..78211], petD [79044..79790], rpl16 [complement(84075..84934)], rpl2 [complement(87048..87722)], ndhB [complement(97595..98273)], trnI-GAU [104290..105238], trnA-UGC [105376..106186], ndhA [complement(121857..122983)], trnA-UGC [complement(135948..136758)], trnI-GAU [complement(136896..137844)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136759..136796)], trnI-GAU [complement(136861..136895)], trnI-GAU [complement(137845..137881)], ndhB [143084..143860], ndhB [144540..145295], rpl2 [154021..154411], rpl2 [155087..155520]	[143861..144539], rpl2 [154412..155086]
771.	CHPL	66	rps12 [complement(99580..99614)], rps12 [complement(100151..100382)], rps12 [complement(72039..72152)], rps16 [complement(5058..5284)], rps16 [complement(6162..6201)], trnG-GCC [9906..9928], trnG-GCC [10607..10654], atpF [complement(12593..13003)], atpF [complement(13700..13843)], rpoC1 [complement(21728..23347)], rpoC1 [complement(24105..24557)], ycf3 [complement(44077..44229)], ycf3 [complement(44973..45202)], ycf3 [complement(45914..46037)], trnL-UAA [48921..48955], trnL-UAA [49430..49479], rps12 [141343..141574], rps12 [142111..142145], clpP [complement(72286..72513)], clpP [complement(73160..73451)], clpP [complement(74260..74330)], petB [77247..77252], petB [77950..78591], petD [78774..78781], petD [79545..80019], rpl16 [complement(83438..83836)], rpl16 [complement(84691..84699)], rpl2 [complement(86369..86802)], rpl2 [complement(87478..87868)], ndhB [complement(96577..97332)], ndhB [complement(98012..98788)], trnI-GAU [104068..104104], trnI-GAU [105052..105086], trnA-UGC [105151..105188], trnA-UGC [106000..106034], ndhA [complement(121112..121641)], ndhA [complement(122746..123301)], trnA-UGC [complement(135691..135725)], trnA-UGC [complement(136537..136574)], trnI-GAU [complement(136639..136673)], trnI-GAU [complement(137621..137657)], ndhB [142937..143713], ndhB [144393..145148], rpl2 [153857..154247], rpl2 [154923..155356]	rps16 [complement(5285..6161)], trnG-GCC [9929..10606], atpF [complement(13004..13699)], rpoC1 [complement(23348..24104)], ycf3 [complement(44230..44972)], ycf3 [complement(45203..45913)], trnL-UAA [48956..49429], clpP [complement(72514..73159)], clpP [complement(73452..74259)], petB [77253..77949], petD [78782..79544], rpl16 [complement(83837..84690)], rpl2 [complement(86803..87477)], ndhB [complement(97333..98011)], trnI-GAU [104105..105051], trnA-UGC [105189..105999], ndhA [complement(121642..122745)], trnA-UGC [complement(135726..136536)], trnI-GAU [complement(136674..137620)], ndhB [143714..144392], rpl2 [154248..154922]
772.	CHPN	66	rps12 [complement(99929..99954)], rps12 [complement(100491..100722)], rps12 [complement(72353..72466)], rps16 [complement(5300..5526)], rps16 [complement(6404..6443)], trnG-GCC [10127..10149], trnG-GCC [10828..10875], atpF [complement(12813..13223)], atpF [complement(13920..14063)], rpoC1 [complement(21956..23575)], rpoC1 [complement(24333..24785)], ycf3 [complement(44294..44446)], ycf3 [complement(45188..45417)], ycf3 [complement(46127..46250)], trnL-UAA [49132..49166], trnL-UAA [49641..49690], rps12 [141704..141935], rps12	rps16 [complement(5527..6403)], trnG-GCC [10150..10827], atpF [complement(13224..13919)], rpoC1 [complement(23576..24332)], ycf3 [complement(44447..45187)], ycf3 [complement(45418..46126)], trnL-UAA [49167..49640], clpP [complement(72828..73475)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142472..142497], clpP [complement(72600..72827)], clpP [complement(73476..73767)], clpP [complement(74580..74650)], petB [77565..77570], petB [78274..78915], petD [79098..79105], petD [79840..80314], rpl16 [complement(83739..84137)], rpl16 [complement(84991..84999)], rpl2 [complement(86661..87094)], rpl2 [complement(87770..88160)], ndhB [complement(96922..97677)], ndhB [complement(98357..99133)], trnI-GAU [104407..104427], trnI-GAU [105391..105425], trnA-UGC [105490..105527], trnA-UGC [106339..106373], ndhA [complement(121452..121981)], ndhA [complement(123088..123643)], trnA-UGC [complement(136053..136088)], trnA-UGC [complement(136900..136936)], trnI-GAU [complement(137001..137035)], trnI-GAU [complement(137983..138019)], ndhB [143293..144069], ndhB [144749..145504], rpl2 [154266..154656], rpl2 [155332..155765]	[complement(73768..74579)], petB [77571..78273], petD [79106..79839], rpl16 [complement(84138..84990)], rpl2 [complement(87095..87769)], ndhB [complement(97678..98356)], trnI-GAU [104428..105390], trnA-UGC [105528..106338], ndhA [complement(121982..123087)], trnA-UGC [complement(136089..136899)], trnI-GAU [complement(137036..137982)], ndhB [144070..144748], rpl2 [154657..155331]
773.	CHPO	27	rps12 [complement(71804..71917)], trnK-UUU [complement(1402..1441)], trnK-UUU [complement(4025..4061)], rps12 [143255..143280]	trnK-UUU [complement(1442..4024)], rps16 [complement(4948..5830)], trnG-GCC [9726..10430], atpF [complement(12797..13583)], rpoC1 [complement(22818..23565)], ycf3 [complement(43669..44410)], ycf3 [complement(44641..45375)], trnL-UAA [48409..48924], trnV-UAC [complement(53386..53979)], clpP [complement(72305..72968)], clpP [complement(73260..74067)], petB [77031..77818], petD [78686..79420], rpl16 [complement(83746..84725)], rpl2 [complement(87036..87699)], ndhB [complement(98053..98746)], trnI-GAU [104986..105921], trnA-UGC [106059..106873], ndhA [complement(122915..124012)], trnA-UGC [complement(136772..137586)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(137724..138659)], ndhB [144899..145592], rpl2 [155946..156609]
774.	CHPR	42	rps12 [complement(70993..71106)], trnK-UUU [complement(1676..1709)], trnK-UUU [complement(4181..4217)], rps16 [complement(5045..5239)], rps16 [complement(6075..6116)], trnG-GCC [9404..9427], trnG-GCC [10208..10255], atpF [complement(12171..12581)], trnL-UAA [48032..48066], trnL-UAA [48545..48594], trnV-UAC [complement(52434..52470)], trnV-UAC [complement(53061..53099)], trnI-GAU [103151..103192], trnI-GAU [104141..104175], trnA-UGC [104240..104277], trnA-UGC [105076..105110], trnA-UGC [complement(135055..135089)], trnA-UGC [complement(135888..135925)], trnI-GAU [complement(135990..136024)], trnI-GAU [complement(136973..137014)]	trnK-UUU [complement(1710..4180)], rps16 [complement(5240..6074)], trnG-GCC [9428..10207], atpF [complement(12582..13291)], rpoC1 [complement(23013..23725)], ycf3 [complement(43528..44246)], ycf3 [complement(44475..45209)], trnL-UAA [48067..48544], trnV-UAC [complement(52471..53060)], clpP [complement(71499..72119)], clpP [complement(72411..73192)], petB [76151..76919], petD [77769..78467], rpl16 [complement(82786..83731)], rpl2 [complement(85861..86521)], ndhB [complement(96787..97486)], trnI-GAU [103193..104140], trnA-UGC [104278..105075], ndhA [complement(121183..122291)], trnA-UGC [complement(135090..135887)], trnI-GAU [complement(136025..136972)], ndhB [142679..143378]
775.	CHPU	66	rps12 [complement(99910..99935)], rps12 [complement(100472..100703)], rps12 [complement(72305..72418)], rps16 [complement(5307..5533)], rps16 [complement(6409..6448)], trnG-GCC [10127..10149], trnG-GCC [10827..10874], atpF [complement(12772..13182)], atpF [complement(13879..14022)], rpoC1 [complement(21919..23538)], rpoC1 [complement(24296..24748)], ycf3 [complement(44251..44403)], ycf3 [complement(45146..45375)], ycf3 [complement(46087..46210)], trnL-UAA [49084..49118], trnL-UAA [49593..49642], rps12 [141668..141899], rps12 [142436..142461], clpP [complement(72552..72779)], clpP	rps16 [complement(5534..6408)], trnG-GCC [10150..10826], atpF [complement(13183..13878)], rpoC1 [complement(23539..24295)], ycf3 [complement(44404..45145)], ycf3 [complement(45376..46086)], trnL-UAA [49119..49592], clpP [complement(72780..73421)], clpP [complement(73714..74519)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73422..73713)], clpP [complement(74520..74590)], petB [77504..77509], petB [78233..78874], petD [79057..79064], petD [79799..80273], rpl16 [complement(83704..84102)], rpl16 [complement(84958..84966)], rpl2 [complement(86636..87069)], rpl2 [complement(87745..88135)], ndhB [complement(96903..97658)], ndhB [complement(98338..99114)], trnI-GAU [104389..104425], trnI-GAU [105373..105407], trnA-UGC [105472..105509], trnA-UGC [106321..106355], ndhA [complement(121448..121977)], ndhA [complement(123084..123639)], trnA-UGC [complement(136016..136050)], trnA-UGC [complement(136862..136899)], trnI-GAU [complement(136964..136998)], trnI-GAU [complement(137946..137982)], ndhB [143257..144033], ndhB [144713..145468], rpl2 [154236..154626], rpl2 [155302..155735]	[77510..78232], petD [79065..79798], rpl16 [complement(84103..84957)], rpl2 [complement(87070..87744)], ndhB [complement(97659..98337)], trnI-GAU [104426..105372], trnA-UGC [105510..106320], ndhA [complement(121978..123083)], trnA-UGC [complement(136051..136861)], trnI-GAU [complement(136999..137945)], ndhB [144034..144712], rpl2 [154627..155301]
776.	CHQA	66	rps12 [complement(99822..99889)], rps12 [complement(100426..100657)], rps12 [complement(72304..72417)], rps16 [complement(5319..5545)], rps16 [complement(6424..6463)], trnG-GCC [10138..10160], trnG-GCC [10840..10887], atpF [complement(12825..13235)], atpF [complement(13932..14075)], rpoC1 [complement(21968..23587)], rpoC1 [complement(24358..24810)], ycf3 [complement(44314..44466)], ycf3 [complement(45211..45440)], ycf3 [complement(46148..46271)], trnL-UAA [49156..49190], trnL-UAA [49656..49705], rps12 [141554..141785], rps12 [142322..142389], clpP [complement(72551..72778)], clpP [complement(73426..73717)], clpP [complement(74528..74598)], petB [77523..77528], petB [78236..78877], petD [79060..79067], petD [79815..80289], rpl16 [complement(83705..84103)], rpl16 [complement(84958..84966)], rpl2 [complement(86658..87091)], rpl2 [complement(87767..88157)], ndhB [complement(96853..97608)], ndhB [complement(98288..99064)], trnI-GAU [104343..104379], trnI-GAU [105319..105353], trnA-UGC [105418..105455], trnA-UGC [106267..106301], ndhA [complement(121322..121851)], ndhA [complement(122957..123512)], trnA-UGC [complement(135910..135944)], trnA-UGC [complement(136756..136793)], trnI-GAU [complement(136858..136892)], trnI-GAU [complement(137832..137868)], ndhB [143147..143923], ndhB	rps16 [complement(5546..6423)], trnG-GCC [10161..10839], atpF [complement(13236..13931)], rpoC1 [complement(23588..24357)], ycf3 [complement(44467..45210)], ycf3 [complement(45441..46147)], trnL-UAA [49191..49655], clpP [complement(72779..73425)], clpP [complement(73718..74527)], petB [77529..78235], petD [79068..79814], rpl16 [complement(84104..84957)], rpl2 [complement(87092..87766)], ndhB [complement(97609..98287)], trnI-GAU [104380..105318], trnA-UGC [105456..106266], ndhA [complement(121852..122956)], trnA-UGC [complement(135945..136755)], trnI-GAU [complement(136893..137831)], ndhB [143924..144602], rpl2 [154445..155119]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144603..145358], rpl2 [154054..154444], rpl2 [155120..155553]	
777.	CHQU	63	rps12 [complement(96041..96066)], rps12 [complement(96603..96834)], rps12 [complement(68965..69078)], trnK-UUU [complement(1482..1516)], trnK-UUU [complement(4022..4058)], rps16 [complement(4706..4932)], rps16 [complement(5800..5836)], atpF [complement(11247..11656)], atpF [complement(12445..12589)], rpoC1 [complement(20032..21633)], rpoC1 [complement(22403..22834)], ycf3 [complement(41827..41979)], ycf3 [complement(42731..42960)], ycf3 [complement(43731..43854)], trnL-UAA [47057..47095], trnL-UAA [47656..47705], trnV-UAC [55512..55550], trnV- UAC [56143..56177], rps12 [138848..139079], rps12 [139616..139641], clpP [complement(69216..69443)], clpP [complement(70044..70335)], clpP [complement(71192..71262)], petB [74147..74152], petB [74954..75595], petD [75812..75819], petD [76570..77044], rpl16 [complement(80411..80809)], rpl16 [complement(81890..81898)], ndhB [complement(93018..93773)], ndhB [complement(94447..95223)], trnI-GAU [100430..100466], trnI-GAU [101438..101472], trnA-UGC [101543..101580], trnA-UGC [102407..102441], ndhA [complement(118731..119261)], ndhA [complement(120352..120906)], trnA-UGC [complement(133241..133275)], trnA-UGC [complement(134102..134139)], trnI-GAU [complement(134210..134244)], trnI-GAU [complement(135216..135252)], ndhB [140459..141235], ndhB [141909..142664]	trnK-UUU [complement(1517..4021)], rps16 [complement(4933..5799)], atpF [complement(11657..12444)], rpoC1 [complement(21634..22402)], ycf3 [complement(41980..42730)], ycf3 [complement(42961..43730)], trnL-UAA [47096..47655], trnV-UAC [55551..56142], clpP [complement(69444..70043)], clpP [complement(70336..71191)], petB [74153..74953], petD [75820..76569], rpl16 [complement(80810..81889)], ndhB [complement(93774..94446)], trnI-GAU [100467..101437], trnA-UGC [101581..102406], ndhA [complement(119262..120351)], trnA-UGC [complement(133276..134101)], trnI-GAU [complement(134245..135215)], ndhB [141236..141908]
778.	CHRA	66	rps12 [complement(99825..99859)], rps12 [complement(100396..100627)], rps12 [complement(72289..72402)], rps16 [complement(5300..5526)], rps16 [complement(6404..6443)], trnG-GCC [10111..10133], trnG-GCC [10812..10859], atpF [complement(12797..13207)], atpF [complement(13903..14046)], rpoC1 [complement(21935..23554)], rpoC1 [complement(24326..24778)], ycf3 [complement(44301..44453)], ycf3 [complement(45198..45427)], ycf3 [complement(46136..46259)], trnL-UAA [49092..49126], trnL-UAA [49602..49651], rps12 [141595..141826], rps12 [142363..142397], clpP [complement(72536..72763)], clpP [complement(73426..73717)], clpP [complement(74530..74600)], petB [77517..77522], petB [78226..78867], petD [79050..79057], petD	rps16 [complement(5527..6403)], trnG-GCC [10134..10811], atpF [complement(13208..13902)], rpoC1 [complement(23555..24325)], ycf3 [complement(44454..45197)], ycf3 [complement(45428..46135)], trnL-UAA [49127..49601], clpP [complement(72764..73425)], clpP [complement(73718..74529)], petB [77523..78225], petD [79058..79810], rpl16 [complement(84101..84955)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79811..80285], rpl16 [complement(83702..84100)], rpl16 [complement(84956..84964)], rpl2 [complement(86627..87060)], rpl2 [complement(87736..88126)], ndhB [complement(96822..97577)], ndhB [complement(98257..99033)], trnI-GAU [104313..104349], trnI-GAU [105297..105331], trnA-UGC [105396..105433], trnA-UGC [106245..106279], ndhA [complement(121366..121895)], ndhA [complement(123001..123556)], trnA-UGC [complement(135943..135977)], trnA-UGC [complement(136789..136826)], trnI-GAU [complement(136891..136925)], trnI-GAU [complement(137873..137909)], ndhB [143189..143965], ndhB [144645..145400], rpl2 [154096..154486], rpl2 [155162..155595]	[complement(87061..87735)], ndhB [complement(97578..98256)], trnI-GAU [104350..105296], trnA-UGC [105434..106244], ndhA [complement(121896..123000)], trnA-UGC [complement(135978..136788)], trnI-GAU [complement(136926..137872)], ndhB [143966..144644], rpl2 [154487..155161]
779.	CHRE	22	rps12 [complement(99770..99789)], trnK-UUU [complement(1885..1919)], trnK-UUU [complement(4415..4451)], trnG-UCC [10144..10166], trnG-UCC [10845..10892], trnL-UAA [49141..49177], trnL-UAA [49650..49699], trnV-UAC [complement(53586..53622)], trnV-UAC [complement(54194..54231)], rps12 [142389..142417], clpP [complement(72487..72714)], petB [78157..78798], petD [79737..80210], ndhB [complement(96763..97518)], trnI-GAU [104252..104288], trnI-GAU [105237..105271], trnA-UGC [105336..105373], trnA-UGC [106185..106219], trnA-UGC [complement(135954..135988)], trnA-UGC [complement(136800..136837)], trnI-GAU [complement(136916..136950)], trnI-GAU [complement(137899..137935)]	-
780.	CHRU	69	rps12 [complement(99730..99764)], rps12 [complement(100301..100532)], rps12 [complement(72170..72283)], trnK [1832..1866], trnK [4362..4398], rps16 [complement(5273..5499)], rps16 [complement(6386..6425)], trnG-GCC [10111..10133], trnG-GCC [10806..10853], atpF [complement(12791..13201)], atpF [complement(13898..14041)], rpoC1 [complement(21938..23557)], rpoC1 [complement(24312..24764)], ycf3 [complement(44266..44418)], ycf3 [complement(45162..45391)], ycf3 [complement(46097..46220)], trnL-UAA [49096..49130], trnL-UAA [49605..49654], rps12 [141490..141721], rps12 [142258..142292], clpP [complement(72417..72644)], clpP [complement(73288..73579)], clpP [complement(74389..74459)], petB [77368..77373], petB [78086..78727], petD [78910..78917], petD	trnK [1867..4361], rps16 [complement(5500..6385)], trnG-GCC [10134..10805], atpF [complement(13202..13897)], rpoC1 [complement(23558..24311)], ycf3 [complement(44419..45161)], ycf3 [complement(45392..46096)], trnL-UAA [49131..49604], clpP [complement(72645..73287)], clpP [complement(73580..74388)], petB [77374..78085], petD [78918..79695], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79696..80170], rpl16 [complement(83585..83983)], rpl16 [complement(84844..84852)], rpl2 [complement(86519..86952)], rpl2 [complement(87628..88018)], ndhB [complement(96727..97482)], ndhB [complement(98162..98938)], trnI-GAU [104218..104254], trnI-GAU [105202..105236], trnA-UGC [105301..105338], trnA-UGC [106150..106184], ndhA [complement(121253..121782)], ndhA [complement(122892..123447)], trnA-UGC [complement(135838..135872)], trnA-UGC [complement(136684..136721)], trnI-GAU [complement(136786..136820)], trnI-GAU [complement(137768..137804)], ndhB [143084..143860], ndhB [144540..145295], rpl2 [154004..154394], rpl2 [155070..155503]	[complement(83984..84843)], rpl2 [complement(86953..87627)], ndhB [complement(97483..98161)], trnI-GAU [104255..105201], trnA-UGC [105339..106149], ndhA [complement(121783..122891)], trnA-UGC [complement(135873..136683)], trnI-GAU [complement(136821..137767)], ndhB [143861..144539], rpl2 [154395..155069]
781.	CHSE	61	rps12 [complement(89570..89598)], rps12 [complement(90139..90370)], rps12 [complement(67532..67645)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3952..3993)], rps16 [complement(4523..4740)], rps16 [complement(5593..5632)], trnG-UCC [complement(12869..12916)], trnG-UCC [complement(13594..13616)], atpF [32983..33126], atpF [33956..34363], ycf3 [complement(42128..42286)], ycf3 [complement(43010..43239)], ycf3 [complement(43995..44118)], trnL-UAA [46841..46875], trnL-UAA [47426..47475], trnV-UAC [complement(50997..51033)], trnV-UAC [complement(51630..51668)], rps12 [127222..127453], rps12 [127994..128022], petB [71395..71400], petB [72219..72860], petD [73049..73056], petD [73812..74286], rpl16 [complement(77870..78271)], rpl16 [complement(79348..79356)], rpl2 [complement(81327..81758)], rpl2 [complement(82422..82811)], ndhB [complement(86506..87261)], ndhB [complement(87974..88750)], trnI-GAU [94195..94236], trnI-GAU [95185..95219], trnA-UGC [95284..95321], trnA-UGC [96134..96168], ndhA [complement(112031..112570)], ndhA [complement(113566..114123)], trnA-UGC [complement(121425..121459)], trnA-UGC [complement(122271..122309)], ndhB [128842..129618], ndhB [130331..131086], rpl2 [134781..135170], rpl2 [135834..136265]	trnK-UUU [complement(1410..3951)], rps16 [complement(4741..5592)], trnG-UCC [complement(12917..13593)], atpF [33127..33955], ycf3 [complement(42287..43009)], ycf3 [complement(43240..43994)], trnL-UAA [46876..47425], trnV-UAC [complement(51034..51629)], petB [71401..72218], petD [73057..73811], rpl16 [complement(78272..79347)], rpl2 [complement(81759..82421)], ndhB [complement(87262..87973)], trnI-GAU [94237..95184], trnA-UGC [95322..96133], ndhA [complement(112571..113565)], trnA-UGC [complement(121460..122270)], ndhB [129619..130330], rpl2 [135171..135833]
782.	CHSP	10	rps12 [complement(100366..100389)], rps12 [complement(100928..101158)], rps12 [complement(72416..72529)], trnG-GCC [9700..9722], rps12 [144369..144395]	trnK-UUU [complement(1588..4112)], trnG-GCC [9723..10419], trnL-UAA [48819..49314], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(53909..54489)], petD [79356..80071]
783.	CHSR	22	trnK-UUU [complement(1370..1402)], trnK-UUU [complement(3892..3929)], rps12 [130742..130770]	trnK-UUU [complement(1403..3891)], rps16 [complement(4692..5525)], atpF [35377..36207], ycf3 [complement(44535..45266)], ycf3 [complement(45495..46275)], trnL-UAA [49169..49619], trnV-UAC [complement(53372..53973)], petB [73428..74182], petD [75015..75754], rpl16 [complement(80193..81274)], rpl2 [complement(83665..84327)], ndhB [complement(90277..90981)], trnI-GAU [97292..98238], trnA-UGC [98377..99186], ndhA [complement(115189..116208)], trnA-UGC [complement(124171..124980)], trnI-GAU [complement(125119..126065)], ndhB [132376..133080], rpl2 [139030..139692]
784.	CHTH	66	rps12 [complement(99752..99819)], rps12 [complement(100356..100587)], rps12 [complement(72281..72394)], rps16 [complement(5304..5530)], rps16 [complement(6414..6453)], trnG-GCC [10138..10160], trnG-GCC [10839..10886], atpF [complement(12832..13242)], atpF [complement(13938..14081)], rpoC1 [complement(21971..23590)], rpoC1 [complement(24349..24801)], ycf3 [complement(44299..44451)], ycf3 [complement(45195..45424)], ycf3 [complement(46134..46257)], trnL-UAA [49142..49176], trnL-UAA [49651..49700], rps12 [141995..142226], rps12 [142763..142830], clpP [complement(72528..72755)], clpP [complement(73403..73694)], clpP [complement(74491..74561)], petB [77478..77483], petB [78189..78830], petD [79013..79020], petD [79768..80242], rpl16 [complement(83649..84047)], rpl16 [complement(84903..84911)], rpl2 [complement(86579..87012)], rpl2 [complement(87688..88078)], ndhB [complement(96783..97538)], ndhB	rps16 [complement(5531..6413)], trnG-GCC [10161..10838], atpF [complement(13243..13937)], rpoC1 [complement(23591..24348)], ycf3 [complement(44452..45194)], ycf3 [complement(45425..46133)], trnL-UAA [49177..49650], clpP [complement(72756..73402)], clpP [complement(73695..74490)], petB [77484..78188], petD [79021..79767], rpl16 [complement(84048..84902)], rpl2 [complement(87013..87687)], ndhB [complement(97539..98217)], trnI-GAU [104494..105440], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98218..98994)], trnI-GAU [104457..104493], trnI-GAU [105441..105475], trnA-UGC [105540..105577], trnA-UGC [106389..106423], ndhA [complement(121541..122070)], ndhA [complement(123176..123731)], trnA-UGC [complement(136136..136170)], trnA-UGC [complement(136982..137019)], trnI-GAU [complement(137084..137118)], trnI-GAU [complement(138066..138102)], ndhB [143588..144364], ndhB [145044..145799], rpl2 [154504..154894], rpl2 [155570..156003]	[105578..106388], ndhA [complement(122071..123175)], trnA-UGC [complement(136171..136981)], trnI-GAU [complement(137119..138065)], ndhB [144365..145043], rpl2 [154895..155569]
785.	CHTR	64	rps12 [complement(89506..89534)], rps12 [complement(90075..90306)], rps12 [complement(67957..68070)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3906..3943)], rps16 [complement(4507..4724)], rps16 [complement(5557..5596)], trnG-UCC [complement(13055..13102)], trnG-UCC [complement(13777..13799)], atpF [33544..33702], atpF [34521..34928], ycf3 [complement(42718..42876)], ycf3 [complement(43606..43833)], ycf3 [complement(44586..44711)], trnL-UAA [47423..47457], trnL-UAA [48012..48061], trnV-UAC [complement(51606..51652)], trnV-UAC [complement(52230..52268)], rps12 [126299..126530], rps12 [127071..127099], petB [71804..71809], petB [72591..73238], petD [73439..73446], petD [74187..74661], rpl16 [complement(78169..78570)], rpl16 [complement(79666..79674)], rpl2 [complement(81598..82029)], rpl2 [complement(82690..83082)], ndhB [complement(86433..87189)], ndhB [complement(87902..88677)], trnI-GAU [94136..94177], trnI-GAU [94887..94921], trnA-UGC [94987..95024], trnA-UGC [95835..95869], ndhA [complement(111280..111819)], ndhA [complement(112835..113383)], trnA-UGC [complement(120736..120770)], trnA-UGC [complement(121581..121618)], trnI-GAU [complement(121684..121718)], trnI-GAU [complement(122428..122469)], ndhB [127928..128703], ndhB [129416..130172], rpl2 [133528..133920], rpl2 [134581..135012]	trnK-UUU [complement(1421..3905)], rps16 [complement(4725..5556)], trnG-UCC [complement(13103..13776)], atpF [33703..34520], ycf3 [complement(42877..43605)], ycf3 [complement(43834..44585)], trnL-UAA [47458..48011], trnV-UAC [complement(51653..52229)], petB [71810..72590], petD [73447..74186], rpl16 [complement(78571..79665)], rpl2 [complement(82030..82689)], ndhB [complement(87190..87901)], trnI-GAU [94178..94886], trnA-UGC [95025..95834], ndhA [complement(111820..112834)], trnA-UGC [complement(120771..121580)], trnI-GAU [complement(121719..122427)], ndhB [128704..129415], rpl2 [133921..134580]
786.	CHTU	59	rps12 [complement(91924..91959)], rps12 [complement(92498..92728)], rps12 [complement(69854..69967)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], rps16 [complement(4521..4736)], rps16 [complement(5566..5607)], atpF [35150..35308], atpF [36134..36541], ycf3 [complement(44306..44464)], ycf3 [complement(45196..45423)], ycf3	trnK-UUU [complement(1410..3926)], rps16 [complement(4737..5565)], atpF [35309..36133], ycf3 [complement(44465..45195)], ycf3 [complement(45424..46168)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(46169..46300)], trnL-UAA [49066..49100], trnL-UAA [49641..49690], trnV-UAC [complement(53123..53159)], trnV-UAC [complement(53756..53794)], petB [73694..73699], petB [74517..75158], petD [75347..75355], petD [76110..76583], rpl16 [complement(80182..80583)], rpl16 [complement(81681..81689)], rpl2 [complement(83683..84114)], rpl2 [complement(84775..85167)], ndhB [complement(88855..89610)], ndhB [complement(90323..91099)], trnI-GAU [96553..96594], trnI-GAU [97541..97575], trnA-UGC [97641..97678], trnA-UGC [98490..98524], ndhA [complement(114600..115139)], ndhA [complement(116161..116709)], trnA-UGC [complement(124076..124110)], trnA-UGC [complement(124922..124959)], trnI-GAU [complement(125025..125059)], trnI-GAU [complement(126006..126047)], ndhB [131501..132277], ndhB [132990..133745], rpl2 [137433..137825], rpl2 [138486..138917]	[49101..49640], trnV-UAC [complement(53160..53755)], petB [73700..74516], petD [75356..76109], rpl16 [complement(80584..81680)], rpl2 [complement(84115..84774)], ndhB [complement(89611..90322)], trnI-GAU [96595..97540], trnA-UGC [97679..98489], ndhA [complement(115140..116160)], trnA-UGC [complement(124111..124921)], trnI-GAU [complement(125060..126005)], ndhB [132278..132989], rpl2 [137826..138485]
787.	CHVI	64	rps12 [complement(88492..88520)], rps12 [complement(89061..89292)], rps12 [complement(66891..67004)], trnK-UUU [complement(1390..1422)], trnK-UUU [complement(3918..3955)], rps16 [complement(4494..4711)], rps16 [complement(5552..5591)], trnG-UCC [complement(13020..13067)], trnG-UCC [complement(13742..13764)], atpF [33066..33224], atpF [34042..34449], ycf3 [complement(42224..42382)], ycf3 [complement(43118..43345)], ycf3 [complement(44087..44212)], trnL-UAA [46941..46975], trnL-UAA [47528..47577], trnV-UAC [complement(50884..50930)], trnV-UAC [complement(51509..51547)], rps12 [125281..125512], rps12 [126053..126081], petB [70728..70733], petB [71507..72154], petD [72355..72362], petD [73103..73577], rpl16 [complement(77140..77541)], rpl16 [complement(78646..78654)], rpl2 [complement(80583..81014)], rpl2 [complement(81675..82067)], ndhB [complement(85419..86175)], ndhB [complement(86888..87663)], trnI-GAU [93122..93163], trnI-GAU [93873..93907], trnA-UGC [93973..94010], trnA-UGC [94821..94855], ndhA [complement(110264..110803)], ndhA [complement(111818..112366)], trnA-UGC [complement(119718..119752)], trnA-UGC [complement(120563..120600)], trnI-GAU [complement(120666..120700)], trnI-GAU [complement(121410..121451)], ndhB [126910..127685], ndhB	trnK-UUU [complement(1423..3917)], rps16 [complement(4712..5551)], trnG-UCC [complement(13068..13741)], atpF [33225..34041], ycf3 [complement(42383..43117)], ycf3 [complement(43346..44086)], trnL-UAA [46976..47527], trnV-UAC [complement(50931..51508)], petB [70734..71506], petD [72363..73102], rpl16 [complement(77542..78645)], rpl2 [complement(81015..81674)], ndhB [complement(86176..86887)], trnI-GAU [93164..93872], trnA-UGC [94011..94820], ndhA [complement(110804..111817)], trnA-UGC [complement(119753..120562)], trnI-GAU [complement(120701..121409)], ndhB [127686..128397], rpl2 [132899..133558]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[128398..129154], rpl2 [132506..132898], rpl2 [133559..133990]	
788.	CHVR	66	rps12 [complement(99865..99893)], rps12 [complement(100430..100661)], rps12 [complement(72312..72425)], rps16 [complement(5307..5533)], rps16 [complement(6411..6450)], trnG-GCC [10130..10152], trnG-GCC [10831..10878], atpF [complement(12814..13224)], atpF [complement(13921..14064)], rpoC1 [complement(21952..23571)], rpoC1 [complement(24322..24774)], ycf3 [complement(44290..44442)], ycf3 [complement(45187..45416)], ycf3 [complement(46123..46246)], trnL-UAA [49131..49165], trnL-UAA [49640..49689], rps12 [141636..141867], rps12 [142404..142432], clpP [complement(72559..72786)], clpP [complement(73425..73716)], clpP [complement(74523..74593)], petB [77509..77514], petB [78219..78860], petD [79044..79051], petD [79784..80258], rpl16 [complement(83684..84082)], rpl16 [complement(84937..84945)], rpl2 [complement(86603..87036)], rpl2 [complement(87712..88102)], ndhB [complement(96858..97613)], ndhB [complement(98293..99069)], trnI-GAU [104347..104383], trnI-GAU [105331..105365], trnA-UGC [105430..105467], trnA-UGC [106279..106313], ndhA [complement(121397..121926)], ndhA [complement(123026..123581)], trnA-UGC [complement(135984..136018)], trnA-UGC [complement(136830..136867)], trnI-GAU [complement(136932..136966)], trnI-GAU [complement(137914..137950)], ndhB [143228..144004], ndhB [144684..145439], rpl2 [154195..154585], rpl2 [155261..155694]	rps16 [complement(5534..6410)], trnG-GCC [10153..10830], atpF [complement(13225..13920)], rpoC1 [complement(23572..24321)], ycf3 [complement(44443..45186)], ycf3 [complement(45417..46122)], trnL-UAA [49166..49639], clpP [complement(72787..73424)], clpP [complement(73717..74522)], petB [77515..78218], petD [79052..79783], rpl16 [complement(84083..84936)], rpl2 [complement(87037..87711)], ndhB [complement(97614..98292)], trnI-GAU [104384..105330], trnA-UGC [105468..106278], ndhA [complement(121927..123025)], trnA-UGC [complement(136019..136829)], trnI-GAU [complement(136967..137913)], ndhB [144005..144683], rpl2 [154586..155260]
789.	CHZI	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3906..3943)], rps12 [130003..130031]	trnK-UUU [complement(1416..3905)], rps16 [complement(4709..5547)], trnG-UCC [complement(12775..13472)], atpF [34629..35460], ycf3 [complement(43792..44525)], ycf3 [complement(44754..45481)], trnL-UAA [48374..48824], trnV-UAC [complement(52613..53214)], petB [72709..73460], petD [74299..75038], rpl16 [complement(79483..80565)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(82963..83625)], ndhB [complement(89586..90289)], trnI-GAU [96584..97529], trnA-UGC [97668..98477], ndhA [complement(114477..115503)], trnA-UGC [complement(123449..124258)], trnI-GAU [complement(124397..125342)], ndhB [131637..132340], rpl2 [138301..138963]
790.	CIAG	26	rps12 [complement(63935..64048)], trnL-UAA [complement(16323..16357)], rps12 [126954..126979]	trnK-UUU [complement(1592..4054)], rps16 [complement(4688..5522)], trnV-UAC [complement(8638..9237)], trnL-UAA [complement(16008..16322)], ycf3 [19088..19792], ycf3 [20023..20772], rpoC1 [38615..39314], atpF [48378..49098], trnG-UCC [complement(51471..52159)], clpP [complement(64465..65032)], clpP [complement(65324..66126)], petB [69117..70087], petD [70955..71656], rpl16 [complement(75897..76748)], rpl2 [complement(78988..79653)], trnI-GAU [92351..93129], trnA-UGC [93262..94017], ndhB [complement(99857..100574)], ndhA [113643..114574], ndhB [128590..129307], trnA-UGC [complement(135147..135902)], trnI-GAU [complement(136035..136813)], rpl2 [149511..150176]
791.	CIAM	58	rps12 [complement(101058..101366)], rps12 [complement(72056..72181)], trnK-UUU [complement(1620..1654)], trnK-UUU [complement(4160..4196)], trnG-UCC [9717..9738], trnG-UCC [10430..10480], atpF [complement(12972..13381)], atpF [complement(14154..14301)], rpoC1 [complement(22033..23643)], rpoC1 [complement(24398..24832)], ycf3 [complement(44541..44693)], ycf3 [complement(45435..45664)], ycf3 [complement(46410..46539)], trnL-UAA [49590..49626], trnL-UAA	trnK-UUU [complement(1655..4159)], trnG-UCC [9739..10429], atpF [complement(13382..14153)], rpoC1 [complement(23644..24397)], ycf3 [complement(44694..45434)], ycf3 [complement(45665..46409)], trnL-UAA [49627..50136], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[50137..50186], trnV-UAC [complement(53739..53775)], trnV-UAC [complement(54381..54418)], rps12 [142457..142765], clpP [complement(72361..72588)], clpP [complement(73192..73485)], clpP [complement(74331..74399)], rpl2 [complement(86879..87348)], rpl2 [complement(87975..88368)], ndhB [complement(97430..98185)], ndhB [complement(98872..99648)], trnI-GAU [105049..105090], trnI-GAU [105902..105936], trnA-UGC [106009..106046], trnA-UGC [106849..106883], ndhA [complement(122408..122946)], ndhA [complement(123995..124550)], trnA-UGC [complement(136940..136974)], trnA-UGC [complement(137777..137814)], trnI-GAU [complement(137887..137921)], trnI-GAU [complement(138733..138774)], ndhB [144175..144951], ndhB [145638..146393], rpl2 [155455..155845], rpl2 [156475..156944]	[complement(53776..54380)], clpP [complement(72589..73191)], clpP [complement(73486..74330)], rpl2 [complement(87349..87974)], ndhB [complement(98186..98871)], trnI-GAU [105091..105901], trnA-UGC [106047..106848], ndhA [complement(122947..123994)], trnA-UGC [complement(136975..137776)], trnI-GAU [complement(137922..138732)], ndhB [144952..145637], rpl2 [155846..156474]
792.	CIAR	31	rps12 [complement(95601..95858)], rps12 [complement(68242..68355)], trnK-UUU [complement(1800..1834)], trnK-UUU [complement(4326..4362)], trnV-UAC [9549..9585], trnV-UAC [10161..10197], trnL-UAA [complement(13162..13209)], trnL-UAA [complement(13765..13801)], trnG-GCC [complement(51786..51834)], trnG-GCC [complement(52509..52531)], trnI-GAU [98987..99023], trnI-GAU [99815..99849], trnA-UGC [99915..99952], trnA-UGC [100776..100810]	trnK-UUU [complement(1835..4325)], trnV-UAC [9586..10160], trnL-UAA [complement(13210..13764)], ycf3 [16375..17107], ycf3 [17336..18072], rpoC1 [37833..38614], atpF [48604..49269], trnG-GCC [complement(51835..52508)], clpP [complement(68856..69466)], petB [72748..73580], petD [74434..75144], rpl16 [complement(79957..81046)], rpl2 [complement(83196..83894)], ndhB [complement(93263..93954)], trnI-GAU [99024..99814], trnA-UGC [99953..100775], ndhA [113892..115131]
793.	CIAU	40	rps12 [complement(73190..73303)], trnK-UUU [1863..1897], trnK-UUU [4433..4469], trnG-GCC [9158..9180], trnG-GCC [9919..9955], trnL-UAA [50003..50039], trnL-UAA [50594..50643], trnV-UAC [complement(54111..54147)], trnV-UAC [complement(54741..54779)], rps12 [145484..145509], trnI-GAU [106237..106278], trnI-GAU [107237..107271], trnA-UGC [107342..107379], trnA-UGC [108174..108208], trnA-UGC [complement(138820..138854)], trnA-UGC [complement(139649..139686)],	trnK-UUU [1898..4432], rps16 [complement(5252..6136)], trnG-GCC [9181..9918], atpF [complement(12475..13271)], rpoC1 [complement(23181..23938)], ycf3 [complement(45264..46069)], ycf3 [complement(46298..47012)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139757..139791)], trnI-GAU [complement(140750..140791)]	[50040..50593], trnV-UAC [complement(54148..54740)], clpP [complement(73637..74310)], clpP [complement(74603..75431)], petB [78407..79097], petD [80021..80781], rpl2 [complement(88216..88908)], ndhB [complement(99218..99898)], trnI-GAU [106279..107236], trnA-UGC [107380..108173], ndhA [complement(124909..126018)], trnA-UGC [complement(138855..139648)], trnI-GAU [complement(139792..140749)], ndhB [147130..147810], rpl2 [158120..158812]
794.	ClAV	42	trnK-UUU [complement(1777..1805)], trnK-UUU [complement(4415..4451)], trnG-UCC [complement(29679..29725)], trnG-UCC [complement(30427..30449)], trnL-UAA [46443..46479], trnL-UAA [46925..46974], trnV-UAC [complement(50909..50945)], trnV-UAC [complement(51519..51556)], rps12 [139625..139650], trnI-GAU [101785..101827], trnI-GAU [102764..102798], trnA-UGC [102863..102900], trnA-UGC [103722..103756], ndhA [115712..116263], ndhA [117324..117863], trnA-UGC [complement(132959..132993)], trnA-UGC [complement(133815..133852)], trnI-GAU [complement(133917..133951)], trnI-GAU [complement(134888..134930)]	trnK-UUU [complement(1806..4414)], rps16 [complement(5423..6300)], rpoC1 [16089..16820], atpF [26503..27209], trnG-UCC [complement(29726..30426)], ycf3 [complement(41785..42526)], ycf3 [complement(42755..43451)], trnL-UAA [46480..46924], trnV-UAC [complement(50946..51518)], clpP [complement(69960..70571)], clpP [complement(70863..71668)], petB [75043..75375], petD [76253..76947], rpl16 [complement(81292..82306)], rpl2 [complement(84408..85069)], ndhB [complement(94808..95477)], trnI-GAU [101828..102763], trnA-UGC [102901..103721], ndhA [116264..117323], trnA-UGC [complement(132994..133814)], trnI-GAU [complement(133952..134887)], ndhB [141238..141907], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[151646..152307]
795.	CICA	43	rps12 [complement(100931..100957)], rps12 [complement(101494..101724)], rps12 [complement(73307..73420)], trnK-UUU [complement(1795..1829)], trnK-UUU [complement(4344..4380)], rpoC1 [complement(21860..23479)], rpoC1 [complement(24199..24630)], ycf3 [complement(44705..44857)], trnL-UAA [49420..49454], trnL-UAA [49934..49983], trnV-UAC [complement(54463..54499)], trnV-UAC [complement(55087..55125)], rps12 [complement(73307..73420)], rps12 [144824..145035], rps12 [145534..145564], trnI-GAU [105599..105640], trnI-GAU [106580..106614], trnA-UGC [106679..106716], trnA-UGC [107515..107549], trnA-UGC [complement(139048..139082)], trnA-UGC [complement(139881..139918)], trnI-GAU [complement(139983..140017)], trnI-GAU [complement(140962..140998)]	trnK-UUU [complement(1830..4343)], rps16 [complement(5426..6273)], atpF [complement(13466..14191)], rpoC1 [complement(23480..24198)], ycf3 [complement(44858..45588)], ycf3 [complement(45817..46551)], trnL-UAA [49455..49933], trnV-UAC [complement(54500..55086)], clpP [complement(73803..74457)], clpP [complement(74749..75523)], petD [80109..80818], rpl2 [complement(88267..88939)], ndhB [complement(98603..99304)], trnI-GAU [105641..106579], ycf68 [105782..105809], trnA-UGC [106717..107514], ndhA [120483..121597], trnA-UGC [complement(139083..139880)], trnI-GAU [complement(140018..140961)], ndhB [147187..147841]
796.	CICO	61	rps12 [complement(100546..100571)], rps12 [complement(101112..101343)], rps12 [complement(72092..72205)], trnK-UUU [complement(1620..1656)], trnK-UUU [complement(4163..4198)], trnG-UCC [9748..9769], trnG-UCC [10457..10507], atpF [complement(12972..13381)], atpF [complement(14153..14300)], rpoC1 [complement(22031..23641)], rpoC1 [complement(24392..24826)], ycf3 [complement(44574..44726)], ycf3 [complement(45468..45697)], ycf3 [complement(46442..46571)], trnL-UAA [49628..49664], trnL-UAA [50176..50225], trnV-UAC [complement(53775..53811)], trnV-UAC [complement(54417..54454)], rps12 [complement(72092..72205)], rps12 [142657..142888], rps12 [143429..143454], clpP [complement(72402..72629)], clpP [complement(73232..73525)], clpP [complement(74369..74437)], rpl2	trnK-UUU [complement(1657..4162)], trnG-UCC [9770..10456], atpF [complement(13382..14152)], rpoC1 [complement(23642..24391)], ycf3 [complement(44727..45467)], ycf3 [complement(45698..46441)], trnL-UAA [49665..50175], trnV-UAC [complement(53812..54416)], clpP [complement(72630..73231)], clpP [complement(73526..74368)], rpl2 [complement(87387..88012)], ndhB [complement(98229..98914)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86917..87386)], rpl2 [complement(88013..88406)], ndhB [complement(97473..98228)], ndhB [complement(98915..99691)], trnI-GAU [105092..105133], trnI-GAU [105945..105979], trnA-UGC [106052..106089], trnA-UGC [106892..106926], ndhA [complement(122470..123008)], ndhA [complement(124137..124692)], trnA-UGC [complement(137074..137108)], trnA-UGC [complement(137911..137948)], trnI-GAU [complement(138021..138055)], trnI-GAU [complement(138867..138908)], ndhB [144309..145085], ndhB [145772..146527], rpl2 [155594..155984], rpl2 [156614..157083]	[105134..105944], trnA-UGC [106090..106891], ndhA [complement(123009..124136)], trnA-UGC [complement(137109..137910)], trnI-GAU [complement(138056..138866)], ndhB [145086..145771], rpl2 [155985..156613]
797.	CIDE	34	rps12 [61795..61908], rpl2 [complement(1..435)], rps12 [complement(11140..11171)], trnI-GAU [15604..15645], trnI-GAU [16583..16617], trnA-UGC [16682..16719], trnA-UGC [17529..17563], trnA-UGC [complement(35965..35999)], trnA-UGC [complement(36809..36846)], trnI-GAU [complement(36911..36945)], trnI-GAU [complement(37883..37924)], rpl2 [53093..53527], trnV-UAC [74092..74129], trnV-UAC [74720..74756], trnT-UGU [complement(75221..75270)], trnT-UGU [complement(75743..75779)], trnG [complement(93657..93704)], trnG [complement(94415..94438)], trnK [98227..98263], trnK [100745..100770]	rpl2 [complement(436..1099)], trnI-GAU [15646..16582], trnA-UGC [16720..17528], trnA-UGC [complement(36000..36808)], trnI-GAU [complement(36946..37882)], rpl2 [52429..53092], rpl16 [55243..56131], clpP [59757..60505], clpP [60797..61433], trnV-UAC [74130..74719], trnT-UGU [complement(75271..75742)], trnG [complement(93705..94414)], rps16 [96536..97410], trnK [98264..100744]
798.	CIDP	49	rps12 [complement(102137..102162)], rps12 [complement(102703..102934)], rps12 [complement(73847..73960)], rps16 [complement(5016..5242)], rps16 [complement(6128..6167)], atpF [complement(12550..12960)], atpF [complement(13759..13902)], rpoC1 [complement(22090..23700)], rpoC1 [complement(24447..24878)], ycf3 [complement(45801..45953)], ycf3 [complement(46753..46980)], ycf3 [complement(47702..47827)], rps12 [complement(73847..73960)], rps12 [144939..145170], rps12 [145711..145736], clpP [complement(74066..74293)], clpP [complement(74959..75250)], clpP [complement(76080..76150)], petB [79049..79054], petB [79746..80444], petD [80661..80668], petD [81429..81903], rpl16 [complement(85262..85663)], rpl16 [complement(86697..86705)], rpl2 [complement(88399..88833)], rpl2 [complement(89527..89916)], ndhB [complement(99080..99835)], ndhB	rps16 [complement(5243..6127)], atpF [complement(12961..13758)], rpoC1 [complement(23701..24446)], ycf3 [complement(45954..46752)], ycf3 [complement(46981..47701)], clpP [complement(74294..74958)], clpP [complement(75251..76079)], petB [79055..79745], petD [80669..81428], rpl16 [complement(85664..86696)], rpl2 [complement(88834..89526)], ndhB [complement(99836..100516)], ndhA [complement(125138..126247)], ndhB [147357..148037], rpl2 [158347..159039]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(100517..101293)], ndhA [complement(124598..125137)], ndhA [complement(126248..126799)], ndhB [146580..147356], ndhB [148038..148793], rpl2 [157957..158346], rpl2 [159040..159474]	
799.	CIER	42	trnK-UUU [complement(1735..1763)], trnK-UUU [complement(4302..4338)], trnG-UCC [complement(29575..29621)], trnG-UCC [complement(30330..30352)], trnL-UAA [46356..46392], trnL-UAA [46833..46882], trnV-UAC [complement(50820..50856)], trnV-UAC [complement(51430..51467)], rps12 [139329..139354], trnI-GAU [101411..101453], trnI-GAU [102383..102417], trnA-UGC [102482..102519], trnA-UGC [103341..103375], ndhA [complement(118500..119039)], ndhA [complement(120106..120657)], trnA-UGC [complement(132669..132703)], trnA-UGC [complement(133525..133562)], trnI-GAU [complement(133627..133661)], trnI-GAU [complement(134591..134633)]	trnK-UUU [complement(1764..4301)], rps16 [complement(5307..6179)], rpoC1 [15968..16699], atpF [26386..27092], trnG-UCC [complement(29622..30329)], ycf3 [complement(41671..42412)], ycf3 [complement(42641..43338)], trnL-UAA [46393..46832], trnV-UAC [complement(50857..51429)], clpP [complement(69577..70199)], clpP [complement(70491..71295)], petB [74676..75008], petD [75886..76580], rpl16 [complement(80917..81926)], rpl2 [complement(84036..84697)], ndhB [complement(94433..95102)], trnI-GAU [101454..102382], trnA-UGC [102520..103340], ndhA [complement(119040..120105)], trnA-UGC [complement(132704..133524)], trnI-GAU [complement(133662..134590)], ndhB [140942..141611], rpl2 [151347..152008]
800.	CIGR	66	rps12 [complement(99584..99609)], rps12 [complement(100143..100374)], rps12 [complement(71848..71961)], trnK-UUU [complement(1739..1773)], trnK-UUU [complement(4269..4305)], rps16 [complement(5062..5272)], rps16 [complement(6146..6186)], trnG-UCC [8879..8901], trnG-UCC [9617..9664], atpF [complement(11512..11921)], atpF [complement(12651..12795)], rpoC1 [complement(20372..21982)], rpoC1 [complement(22768..23199)], ycf3 [complement(43478..43630)], ycf3 [complement(44416..44643)], ycf3 [complement(45390..45515)], trnL-UAA [48649..48685], trnL-UAA [49288..49337], trnV-UAC [complement(53348..53382)], trnV-UAC	trnK-UUU [complement(1774..4268)], rps16 [complement(5273..6145)], trnG-UCC [8902..9616], atpF [complement(11922..12650)], rpoC1 [complement(21983..22767)], ycf3 [complement(43631..44415)], ycf3 [complement(44644..45389)], trnL-UAA [48686..49287], trnV-UAC [complement(53383..53967)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53968..54005)], rps12 [142619..142850], rps12 [143384..143409], clpP [complement(72106..72333)], clpP [complement(72931..73222)], clpP [complement(74099..74169)], petB [77114..77119], petB [77871..78512], petD [78733..78740], petD [79520..79994], rpl16 [complement(83422..83820)], rpl16 [complement(84954..84962)], ndhB [complement(96535..97290)], ndhB [complement(97959..98735)], trnI-GAU [103971..104007], trnI-GAU [104954..104988], trnA-UGC [105059..105096], trnA-UGC [105915..105949], ndhA [complement(122387..122925)], ndhA [complement(124049..124601)], trnA-UGC [complement(137044..137078)], trnA-UGC [complement(137897..137934)], trnI-GAU [complement(138005..138039)], trnI-GAU [complement(138986..139022)], ndhB [144258..145034], ndhB [145703..146458]	[complement(72334..72930)], clpP [complement(73223..74098)], petB [77120..77870], petD [78741..79519], rpl16 [complement(83821..84953)], ndhB [complement(97291..97958)], trnI-GAU [104008..104953], trnA-UGC [105097..105914], ndhA [complement(122926..124048)], trnA-UGC [complement(137079..137896)], trnI-GAU [complement(138040..138985)], ndhB [145035..145702]
801.	CIIN	40	rpl2 [complement(50..519)], rpl2 [complement(1146..1539)], ycf2 [2190..7179], ycf2 [7210..9047], ndhB [complement(10110..10865)], ndhB [complement(11535..12311)], rps12 [complement(13672..13914)], rps12 [complement(138348..138461)], ndhA [complement(34940..35478)], ndhA [complement(36527..37082)], ndhB [56289..57065], ndhB [57735..58490], ycf2 [complement(59553..61390)], ycf2 [complement(61418..66410)], rpl2 [67061..67451], rpl2 [68081..68550], rpoC1 [84836..85265], rpoC1 [86003..87642], atpF [95562..95705], atpF [96414..96824], ycf3 [complement(110827..110979)], ycf3 [complement(111722..111951)], ycf3 [complement(112642..112768)], petB [143590..143595], petB [144360..145001], rpl16 [complement(149891..150289)], rpl16 [complement(151331..151339)]	rpl2 [complement(520..1145)], ycf2 [7180..7209], ndhB [complement(10866..11534)], ndhA [complement(35479..36526)], ndhB [57066..57734], ycf2 [complement(61391..61417)], rpl2 [67452..68080], rpoC1 [85266..86002], atpF [95706..96413], ycf3 [complement(110980..111721)], ycf3 [complement(111952..112641)], petB [143596..144359], rpl16 [complement(150290..151330)]
802.	CILA	34	rps12 [complement(100468..100493)], rps12 [complement(101034..101265)], rps12 [complement(72029..72142)], atpF [complement(13029..13438)], atpF [complement(14212..14359)], rpoC1 [complement(22092..23702)], rpoC1 [complement(24456..24890)], ycf3 [complement(44504..44656)], ycf3 [complement(45398..45627)], ycf3 [complement(46373..46502)], rps12 [complement(72029..72142)], rps12 [142487..142718], rps12 [143259..143284], clpP [complement(72322..72547)], clpP	atpF [complement(13439..14211)], rpoC1 [complement(23703..24455)], ycf3 [complement(44657..45397)], ycf3 [complement(45628..46372)], clpP [complement(72548..73153)], clpP [complement(73450..74292)], rpl2 [complement(87310..87935)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73154..73449)], clpP [complement(74293..74361)], rpl2 [complement(86840..87309)], rpl2 [complement(87936..88329)], ndhB [complement(97391..98146)], ndhB [complement(98833..99609)], ndhA [complement(122370..122908)], ndhA [complement(123956..124511)], ndhB [144143..144919], ndhB [145606..146361]	[complement(98147..98832)], ndhA [complement(122909..123955)], ndhB [144920..145605]
803.	CILI	70	rps12 [complement(102105..102130)], rps12 [complement(102671..102902)], rps12 [complement(73823..73936)], trnK-UUU [1834..1868], trnK-UUU [4397..4433], rps16 [complement(4998..5224)], rps16 [complement(6110..6149)], trnG-GCC [9648..9670], trnG-GCC [10409..10445], atpF [complement(12544..12954)], atpF [complement(13754..13897)], rpoC1 [complement(22093..23703)], rpoC1 [complement(24450..24881)], ycf3 [complement(45801..45953)], ycf3 [complement(46755..46982)], ycf3 [complement(47704..47829)], trnL-UAA [50697..50733], trnL-UAA [51288..51337], trnV-UAC [complement(54802..54838)], trnV-UAC [complement(55430..55468)], rps12 [complement(73823..73936)], rps12 [144920..145151], rps12 [145692..145717], clpP [complement(74042..74269)], clpP [complement(74932..75223)], clpP [complement(76053..76123)], petB [79022..79027], petB [79719..80417], petD [80634..80641], petD [81404..81878], rpl2 [complement(88367..88801)], rpl2 [complement(89495..89884)], ndhB [complement(99048..99803)], ndhB [complement(100485..101261)], trnI-GAU [106819..106860], trnI-GAU [107820..107854], trnA-UGC [107925..107962], trnA-UGC [108757..108791], ndhA [complement(124581..125120)], ndhA [complement(126231..126782)], trnA-UGC [complement(139031..139065)], trnA-UGC [complement(139860..139897)], trnI-GAU [complement(139968..140002)], trnI-GAU [complement(140962..141003)], ndhB [146561..147337], ndhB [148019..148774], rpl2 [157938..158327], rpl2 [159021..159455]	trnK-UUU [1869..4396], rps16 [complement(5225..6109)], trnG-GCC [9671..10408], atpF [complement(12955..13753)], rpoC1 [complement(23704..24449)], ycf3 [complement(45954..46754)], ycf3 [complement(46983..47703)], trnL-UAA [50734..51287], trnV-UAC [complement(54839..55429)], clpP [complement(74270..74931)], clpP [complement(75224..76052)], petB [79028..79718], petD [80642..81403], rpl2 [complement(88802..89494)], ndhB [complement(99804..100484)], trnI-GAU [106861..107819], trnA-UGC [107963..108756], ndhA [complement(125121..126230)], trnA-UGC [complement(139066..139859)], trnI-GAU [complement(140003..140961)], ndhB [147338..148018], rpl2 [158328..159020]
804.	CILO	35	trnK [complement(1733..1767)], trnK [complement(4264..4300)], trnV-UAC [complement(53525..53559)], trnV-UAC [complement(54145..54182)], rps12 [143741..143766], clpP [complement(72306..72531)], clpP [complement(73130..73423)], trnI [104172..104208], trnI [105155..105189],	trnK [complement(1768..4263)], rps16 [complement(5280..6152)], trnG [8916..9630], atpF [complement(11938..12668)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [137396..137430], trnA [138249..138286], trnI [138357..138391], trnI [139338..139374], ndhB [146055..146738]	[complement(22009..22794)], ycf3 [complement(43747..44531)], ycf3 [complement(44762..45506)], trnL [48848..49473], trnV-UAC [complement(53560..54144)], clpP [complement(72532..73129)], clpP [complement(73424..74307)], petB [77284..78082], petD [78953..79719], rpl16 [complement(84036..85150)], ndhB [complement(97492..98159)], trnI [104209..105154], trnA [105298..106115], ndhA [complement(123252..124365)], trnA [137431..138248], trnI [138392..139337], ndhB [145387..146054]
805.	CIMA	42	rps12 [complement(73841..73954)], trnK-UUU [complement(1841..1875)], trnK-UUU [complement(4404..4440)], trnG-GCC [9657..9679], trnG-GCC [10418..10454], trnL-UAA [50702..50738], trnL-UAA [51293..51342], trnV-UAC [complement(54808..54844)], trnV-UAC [complement(55436..55474)], rps12 [complement(73841..73954)], rps12 [145720..145745], trnI-GAU [106842..106883], trnI-GAU [107844..107878], trnA-UGC [107949..107986], trnA-UGC [108781..108815], trnA-UGC [complement(139057..139091)], trnA-UGC [complement(139886..139923)], trnI-GAU [complement(139994..140028)], trnI-GAU [complement(140989..141030)]	trnK-UUU [complement(1876..4403)], rps16 [complement(5233..6117)], trnG-GCC [9680..10417], atpF [complement(12962..13759)], rpoC1 [complement(23710..24455)], ycf3 [complement(45959..46760)], ycf3 [complement(46989..47709)], trnL-UAA [50739..51292], trnV-UAC [complement(54845..55435)], clpP [complement(74288..74951)], clpP [complement(75244..76072)], petB [79048..79738], petD [80662..81422], rpl16 [complement(85659..86694)], rpl2 [complement(88825..89517)], ndhB [complement(99827..100507)], trnI-GAU [106884..107843], trnA-UGC [107987..108780], ndhA [complement(125147..126256)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(139092..139885)], trnI-GAU [complement(140029..140988)], ndhB [147366..148046], rpl2 [158356..159048]
806.	CIMI	61	rps12 [complement(101438..101680)], rps12 [complement(73267..73380)], trnK-UUU [complement(1801..1835)], trnK-UUU [complement(4350..4386)], rps16 [complement(5206..5432)], rps16 [complement(6274..6316)], trnG-UCC [10348..10371], trnG-UCC [11117..11164], atpF [complement(13066..13476)], atpF [complement(14210..14353)], rpoC1 [complement(21889..23508)], rpoC1 [complement(24229..24660)], ycf3 [complement(44776..44928)], ycf3 [complement(45659..45886)], ycf3 [complement(46622..46747)], trnL-UAA [49492..49526], trnL-UAA [50006..50055], trnV-UAC [complement(54454..54490)], trnV-UAC [complement(55078..55116)], rps12 [144658..144900], clpP [complement(73527..73772)], clpP [complement(74425..74715)], clpP [complement(75487..75555)], petB [78433..78438], petB [79226..79867], rpl2 [complement(87797..88228)], rpl2 [complement(88902..89306)], ndhB [complement(97803..98558)], ndhB [complement(99261..100034)], trnI-GAU [105555..105596], trnI-GAU [106536..106570], trnI-GAU [106635..106672], trnI-GAU [107471..107505], ndhA [119833..120385], ndhA [121509..122047], trnA-UGC [complement(138833..138867)], trnA-UGC [complement(139666..139703)], trnI-GAU [complement(139768..139802)], trnI-GAU [complement(140742..140783)], ndhB [146304..147077], ndhB [147780..148535]	trnK-UUU [complement(1836..4349)], rps16 [complement(5433..6273)], trnG-UCC [10372..11116], atpF [complement(13477..14209)], rpoC1 [complement(23509..24228)], ycf3 [complement(44929..45658)], ycf3 [complement(45887..46621)], trnL-UAA [49527..50005], trnV-UAC [complement(54491..55077)], clpP [complement(73773..74424)], clpP [complement(74716..75486)], petB [78439..79225], rpl2 [complement(88229..88901)], ndhB [complement(98559..99260)], trnI-GAU [105597..106535], trnI-GAU [106673..107470], ndhA [120386..121508], trnA-UGC [complement(138868..139665)], trnI-GAU [complement(139803..140741)], ndhB [147078..147779]
807.	CIMU	34	rps12 [complement(100469..100494)], rps12 [complement(101035..101266)], rps12 [complement(72030..72143)], atpF [complement(13028..13437)], atpF [complement(14211..14358)], rpoC1 [complement(22091..23701)], rpoC1 [complement(24455..24889)], ycf3 [complement(44506..44658)], ycf3 [complement(45400..45629)], ycf3 [complement(46374..46503)], rps12 [complement(72030..72143)], rps12 [142488..142719], rps12 [143260..143285], clpP [complement(72323..72548)], clpP [complement(73155..73450)], clpP [complement(74294..74362)], rpl2 [complement(86841..87310)], rpl2 [complement(87937..88330)], ndhB	atpF [complement(13438..14210)], rpoC1 [complement(23702..24454)], ycf3 [complement(44659..45399)], ycf3 [complement(45630..46373)], clpP [complement(72549..73154)], clpP [complement(73451..74293)], rpl2 [complement(87311..87936)], ndhB [complement(98148..98833)], ndhA [complement(122910..123956)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97392..98147)], ndhB [complement(98834..99610)], ndhA [complement(122371..122909)], ndhA [complement(123957..124512)], ndhB [144144..144920], ndhB [145607..146362]	[144921..145606]
808.	CIPH	9	rps12 [complement(23575..23688)], rpl16 [complement(28219..28617)], rpl16 [complement(29516..29524)], rpl2 [complement(31224..31657)]	rps16 [complement(256..1104)], clpP [complement(24056..24677)], clpP [complement(24970..25723)], rpl16 [complement(28618..29515)], rpl2 [complement(31658..32354)]
809.	CIPL	28	rps12 [complement(73838..73951)], trnH-GUG [complement(160118..160121)], trnH-GUG [complement(1..78)], rps12 [145708..145733]	trnH-GUG [complement(160122..0)], trnK-UUU [complement(1875..4402)], rps16 [complement(5231..6115)], trnG-UCC [9676..10402], atpF [complement(12959..13757)], rpoC1 [complement(23709..24454)], ycf3 [complement(45959..46759)], ycf3 [complement(46990..47710)], trnL-UAA [50736..51292], trnV-UAC [complement(54842..55434)], clpP [complement(74286..74948)], clpP [complement(75240..76068)], petB [79044..79791], petD [80658..81419], rpl16 [complement(85654..86689)], rpl2 [complement(88817..89509)], ndhB [complement(99820..100500)], trnI-GAU [106872..107835], trnA-UGC [107979..108772], ndhA [complement(125136..126245)], trnA-UGC [complement(139082..139875)], trnI-GAU [complement(140019..140982)], ndhB [147354..148034], rpl2 [158345..159037]
810.	CIRE	42	rps12 [complement(73845..73958)], trnK-UUU [complement(1838..1872)], trnK-UUU [complement(4405..4441)], trnG-GCC [9651..9673], trnG-GCC	trnK-UUU [complement(1873..4404)], rps16 [complement(5228..6113)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10412..10448], trnL-UAA [50692..50728], trnL-UAA [51289..51338], trnV-UAC [complement(54811..54847)], trnV-UAC [complement(55439..55477)], rps12 [complement(73845..73958)], rps12 [145693..145718], trnI-GAU [106824..106865], trnI-GAU [107824..107858], trnA-UGC [107929..107966], trnA-UGC [108761..108795], trnA-UGC [complement(139036..139070)], trnA-UGC [complement(139865..139902)], trnI-GAU [complement(139973..140007)], trnI-GAU [complement(140966..141007)]	[9674..10411], atpF [complement(12961..13761)], rpoC1 [complement(23705..24454)], ycf3 [complement(45940..46738)], ycf3 [complement(46967..47687)], trnL-UAA [50729..51288], trnV-UAC [complement(54848..55438)], clpP [complement(74292..74953)], clpP [complement(75246..76066)], petB [79043..79733], petD [80657..81416], rpl16 [complement(85656..86689)], rpl2 [complement(88816..89508)], ndhB [complement(99812..100492)], trnI-GAU [106866..107823], trnA-UGC [107967..108760], ndhA [complement(125117..126229)], trnA-UGC [complement(139071..139864)], trnI-GAU [complement(140008..140965)], ndhB [147339..148019], rpl2 [158323..159015]
811.	CIRH	55	rps12 [complement(101175..101483)], rps12 [complement(72181..72306)], trnK-UUU [complement(1697..1731)], trnK-UUU [complement(4235..4271)], trnG-UCC [9830..9851], trnG-UCC [10539..10589], atpF [complement(13057..13466)], atpF [complement(14239..14386)], rpoC1 [complement(22118..23728)], rpoC1 [complement(24479..24913)], ycf3 [complement(44679..44831)], ycf3 [complement(45573..45802)], ycf3 [complement(46547..46676)], trnL-UAA [49728..49764], trnL-UAA [50276..50325], trnV-UAC [complement(53875..53911)], trnV-UAC [complement(54517..54554)], rps12 [142661..142969], clpP [complement(72477..72704)], clpP [complement(73307..73600)], clpP [complement(74446..74514)], rpl2 [complement(86996..87465)], rpl2 [complement(88092..88485)], ndhB [complement(97547..98302)], ndhB [complement(98989..99765)], trnI-GAU [105166..105207], trnI-GAU	trnK-UUU [complement(1732..4234)], trnG-UCC [9852..10538], atpF [complement(13467..14238)], rpoC1 [complement(23729..24478)], ycf3 [complement(44832..45572)], ycf3 [complement(45803..46546)], trnL-UAA [49765..50275], trnV-UAC [complement(53912..54516)], clpP [complement(72705..73306)], clpP [complement(73601..74445)], rpl2 [complement(87466..88091)], ndhB [complement(98303..98988)], trnI-GAU [105208..106018], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[106019..106053], trnA-UGC [106126..106163], trnA-UGC [106966..107000], ndhA [complement(122542..123080)], ndhA [complement(124202..124757)], trnA-UGC [complement(137144..137178)], trnA-UGC [complement(137981..138018)], trnI-GAU [complement(138091..138125)], trnI-GAU [complement(138937..138978)], ndhB [144379..145155], ndhB [145842..146597]	[106164..106965], ndhA [complement(123081..124201)], trnA-UGC [complement(137179..137980)], trnI-GAU [complement(138126..138936)], ndhB [145156..145841]
812.	CIRI	42	trnK-UUU [complement(1855..1883)], trnK-UUU [complement(4414..4450)], trnG-UCC [complement(29668..29714)], trnG-UCC [complement(30423..30445)], trnL-UAA [46444..46480], trnL-UAA [46917..46966], trnV-UAC [complement(50897..50933)], trnV-UAC [complement(51507..51544)], rps12 [139441..139466], trnI-GAU [101494..101536], trnI-GAU [102473..102507], trnA-UGC [102572..102609], trnA-UGC [103431..103465], ndhA [115498..116049], ndhA [117125..117664], trnA-UGC [complement(132774..132808)], trnA-UGC [complement(133630..133667)], trnI-GAU [complement(133732..133766)], trnI-GAU [complement(134703..134745)]	trnK-UUU [complement(1884..4413)], rps16 [complement(5419..6299)], rpoC1 [16107..16838], atpF [26526..27232], trnG-UCC [complement(29715..30422)], ycf3 [complement(41762..42503)], ycf3 [complement(42732..43429)], trnL-UAA [46481..46916], trnV-UAC [complement(50934..51506)], clpP [complement(69621..70243)], clpP [complement(70535..71347)], petB [74734..75066], petD [75944..76638], rpl16 [complement(80975..81982)], rpl2 [complement(84098..84759)], ndhB [complement(94516..95185)], trnI-GAU [101537..102472], trnA-UGC [102610..103430], ndhA [116050..117124], trnA-UGC [complement(132809..133629)], trnI-GAU [complement(133767..134702)], ndhB [141054..141723], rpl2 [151480..152141]
813.	CISI	18	rps12 [complement(73845..73958)], rps12 [complement(73845..73958)], rps12 [145720..145745]	rps16 [complement(5235..6119)], atpF [complement(12965..13763)], rpoC1 [complement(23714..24459)], ycf3 [complement(45968..46767)], ycf3 [complement(46996..47716)], clpP [complement(74292..74953)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(75246..76074)], petB [79051..79741], petD [80665..81426], rpl16 [complement(85665..86697)], rpl2 [complement(88826..89518)], ndhB [complement(99828..100508)], ndhA [complement(125147..126256)], ndhB [147366..148046], rpl2 [158356..159048]
814.	CIVE	70	rps12 [complement(100938..100963)], rps12 [complement(101500..101731)], rps12 [complement(73300..73413)], trnK-UUU [complement(1789..1823)], trnK-UUU [complement(4337..4373)], rps16 [complement(5188..5417)], rps16 [complement(6264..6303)], trnG-UCC [10312..10334], trnG-UCC [11084..11131], atpF [complement(13035..13444)], atpF [complement(14171..14315)], rpoC1 [complement(21843..23462)], rpoC1 [complement(24182..24613)], ycf3 [complement(44709..44861)], ycf3 [complement(45592..45821)], ycf3 [complement(46558..46681)], trnL-UAA [49427..49461], trnL-UAA [49941..49990], trnV-UAC [complement(54470..54504)], trnV-UAC [complement(55093..55131)], rps12 [complement(73300..73413)], rps12 [144741..144972], rps12 [145509..145534], clpP [complement(73557..73802)], clpP [complement(74457..74748)], clpP [complement(75521..75591)], petB [78469..78474], petB [79262..79903], petD [80101..80108], petD [80825..81299], rpl16 [complement(84734..85129)], rpl16 [complement(86103..86111)], rpl2 [complement(87839..88269)], rpl2 [complement(88946..89336)], ndhB [complement(97854..98609)], ndhB [complement(99312..100034)], trnI-GAU [105606..105642], trnI-GAU [106587..106621], trnA-UGC [106686..106723], trnA-UGC [107522..107556], ndhA [complement(124322..124860)], ndhA [complement(125991..126543)], trnA-UGC [complement(138916..138950)], trnA-UGC [complement(139749..139786)], trnI-GAU [complement(139851..139885)], trnI-GAU [complement(140830..140866)], ndhB [146438..147160], ndhB [147863..148618]	trnK-UUU [complement(1824..4336)], rps16 [complement(5418..6263)], trnG-UCC [10335..11083], atpF [complement(13445..14170)], rpoC1 [complement(23463..24181)], ycf3 [complement(44862..45591)], ycf3 [complement(45822..46557)], trnL-UAA [49462..49940], trnV-UAC [complement(54505..55092)], clpP [complement(73803..74456)], clpP [complement(74749..75520)], petB [78475..79261], petD [80109..80824], rpl16 [complement(85130..86102)], rpl2 [complement(88270..88945)], ndhB [complement(98610..99311)], trnI-GAU [105643..106586], trnA-UGC [106724..107521], ndhA [complement(124861..125990)], trnA-UGC [complement(138951..139748)], trnI-GAU [complement(139886..140829)], ndhB [147161..147862]
815.	CIVI	40	trnK-UUU [complement(1541..1575)], trnK-UUU [complement(4103..4139)],	trnK-UUU [complement(1576..4102)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [8340..8362], trnG-UCC [9048..9096], trnL-UAA [47816..47849], trnL-UAA [48347..48396], trnV-UAC [complement(51660..51694)], trnV-UAC [complement(52263..52301)], rps12 [141667..141692], trnI-GAU [101778..101814], trnI-GAU [102764..102798], trnA-UGC [102862..102899], trnA-UGC [103713..103747], trnA-UGC [complement(135000..135034)], trnA-UGC [complement(135847..135884)], trnI-GAU [complement(135949..135983)], trnI-GAU [complement(136933..136969)]	[complement(5097..5961)], trnG-UCC [8363..9047], atpF [complement(11409..12137)], rpoC1 [complement(21899..22647)], ycf3 [complement(42913..43663)], ycf3 [complement(43894..44591)], trnL-UAA [47850..48346], trnV-UAC [complement(51695..52262)], clpP [complement(70176..70800)], clpP [complement(71092..71935)], petB [74950..75707], petD [76537..77298], rpl16 [complement(81672..82563)], rpl2 [complement(84719..85369)], ndhB [complement(94774..95455)], trnI-GAU [101815..102763], trnA-UGC [102900..103712], ndhA [complement(121025..122133)], trnA-UGC [complement(135035..135846)], trnI-GAU [complement(135984..136932)], ndhB [143292..143973], rpl2 [153378..154028]
816.	CIVU	42	trnK-UUU [complement(1854..1882)], trnK-UUU [complement(4418..4454)], trnG-UCC [complement(29731..29777)], trnG-UCC [complement(30486..30508)], trnL-UAA [46515..46551], trnL-UAA [46988..47037], trnV-UAC [complement(50966..51002)], trnV-UAC [complement(51576..51613)], rps12 [139441..139466], trnI-GAU [101561..101603], trnI-GAU [102540..102574], trnA-UGC [102639..102676], trnA-UGC [103498..103532], ndhA [115503..116054], ndhA [117130..117669], trnA-UGC [complement(132774..132808)], trnA-UGC [complement(133630..133667)], trnI-GAU [complement(133732..133766)], trnI-GAU [complement(134703..134745)]	trnK-UUU [complement(1883..4417)], rps16 [complement(5425..6305)], rpoC1 [16111..16842], atpF [26526..27232], trnG-UCC [complement(29778..30485)], ycf3 [complement(41828..42568)], ycf3 [complement(42797..43494)], trnL-UAA [46552..46987], trnV-UAC [complement(51003..51575)], clpP [complement(69729..70340)], clpP [complement(70632..71436)], petB [74825..75158], petD [76036..76730], rpl16 [complement(81061..82068)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(84174..84835)], ndhB [complement(94583..95252)], trnI-GAU [101604..102539], trnA-UGC [102677..103497], ndhA [116055..117129], trnA-UGC [complement(132809..133629)], trnI-GAU [complement(133767..134702)], ndhB [141054..141723], rpl2 [151471..152132]
817.	CIYA	67	rps12 [complement(100931..100957)], rps12 [complement(101494..101724)], rps12 [complement(73305..73418)], trnK-UUU [complement(1788..1822)], trnK-UUU [complement(4337..4373)], rps16 [complement(5190..5416)], rps16 [complement(6264..6306)], trnG-UCC [10335..10358], trnG-UCC [11112..11159], atpF [complement(13061..13470)], atpF [complement(14193..14337)], rpoC1 [complement(21862..23481)], rpoC1 [complement(24204..24635)], ycf3 [complement(44682..44834)], ycf3 [complement(45568..45795)], ycf3 [complement(46531..46656)], trnL-UAA [49409..49443], trnL-UAA [49923..49972], trnV-UAC [complement(54449..54483)], trnV-UAC [complement(55075..55113)], rps12 [complement(73305..73418)], rps12 [144706..144917], rps12 [145473..145503], clpP [complement(73555..73800)], clpP [complement(74456..74748)], clpP [complement(75519..75588)], petB [78466..78471], petB [79259..79900], rpl2 [complement(87834..88264)], rpl2 [complement(88941..89331)], ndhB [complement(97847..98602)], ndhB [complement(99305..100081)], trnI-GAU [105599..105640], trnI-GAU [106580..106614], ycf68 [105740..105781], ycf68 [105810..106118], trnA- UGC [106679..106716], trnA-UGC [107515..107549], ndhA [119885..120437], ndhA [121561..122099], trnA-UGC [complement(138881..138915)], trnA-UGC [complement(139714..139751)], trnI-GAU [complement(139816..139850)], trnI-GAU [complement(140790..140831)], ndhB [146349..147125], ndhB [147828..148583]	trnK-UUU [complement(1823..4336)], rps16 [complement(5417..6263)], trnG-UCC [10359..11111], atpF [complement(13471..14192)], rpoC1 [complement(23482..24203)], ycf3 [complement(44835..45567)], ycf3 [complement(45796..46530)], trnL-UAA [49444..49922], trnV-UAC [complement(54484..55074)], clpP [complement(73801..74455)], clpP [complement(74749..75518)], petB [78472..79258], rpl2 [complement(88265..88940)], ndhB [complement(98603..99304)], trnI-GAU [105641..106579], ycf68 [105782..105809], trnA-UGC [106717..107514], ndhA [120438..121560], trnA-UGC [complement(138916..139713)], trnI-GAU [complement(139851..140789)], ndhB [147126..147827]
818.	CLAC	75	rps12 [complement(97159..97184)], rps12 [complement(97726..97957)],	rps16 [1237..2120], trnK-UUU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69305..69418)], rps16 [1197..1236], rps16 [2121..2341], trnK-UUU [2991..3027], trnK-UUU [5568..5602], trnL-UAA [9312..9346], trnL-UAA [9840..9889], trnG-UCC [12674..12696], trnG-UCC [13401..13448], atpF [complement(15396..15805)], atpF [complement(16554..16698)], rpoC1 [complement(24685..26297)], rpoC1 [complement(27066..27495)], ycf3 [complement(47173..47325)], ycf3 [complement(48074..48303)], ycf3 [complement(49030..49153)], trnV-UAC [complement(51271..51305)], trnV-UAC [complement(51890..51927)], rps12 [140911..141142], rps12 [141684..141709], clpP [complement(69572..69817)], clpP [complement(70514..70802)], clpP [complement(71599..71669)], petB [74557..74562], petB [75346..75987], petD [76191..76198], petD [76930..77425], rpl16 [complement(80754..81152)], rpl16 [complement(82130..82138)], rpl2 [complement(83882..84315)], rpl2 [complement(84967..85369)], ndhB [complement(94080..94835)], ndhB [complement(95538..96314)], trnI-GAU [101859..101895], trnI-GAU [102843..102877], trnA-UGC [102942..102979], trnA-UGC [103793..103827], ndhA [complement(120487..121025)], ndhA [complement(122037..122589)], trnA-UGC [complement(135041..135075)], trnA-UGC [complement(135889..135926)], trnI-GAU [complement(135991..136025)], trnI-GAU [complement(136973..137009)], ndhB [142554..143330], ndhB [144033..144788], rpl2 [153499..153901], rpl2 [154553..154986], rpl16 [156730..156738], rpl16 [157716..158114]</p>	<p>[3028..5567], trnL-UAA [9347..9839], trnG-UCC [12697..13400], atpF [complement(15806..16553)], rpoC1 [complement(26298..27065)], ycf3 [complement(47326..48073)], ycf3 [complement(48304..49029)], trnV-UAC [complement(51306..51889)], clpP [complement(69818..70513)], clpP [complement(70803..71598)], petB [74563..75345], petD [76199..76929], rpl16 [complement(81153..82129)], rpl2 [complement(84316..84966)], ndhB [complement(94836..95537)], trnI-GAU [101896..102842], trnA-UGC [102980..103792], ndhA [complement(121026..122036)], trnA-UGC [complement(135076..135888)], trnI-GAU [complement(136026..136972)], ndhB [143331..144032], rpl2 [153902..154552], rpl16 [156739..157715]</p>
819.	CLAL	75	<p>rps12 [complement(97126..97151)], rps12 [complement(97693..97924)], rps12 [complement(69258..69371)], rps16 [1195..1234], rps16 [2120..2340], trnK-UUU [2989..3025], trnK-UUU [5571..5605], trnL-UAA [9361..9395], trnL-UAA [9883..9932], trnG-UCC [12698..12720], trnG-UCC [13433..13480], atpF [complement(15428..15837)], atpF [complement(16591..16735)], rpoC1 [complement(24740..26352)], rpoC1 [complement(27131..27560)], ycf3 [complement(47238..47390)], ycf3 [complement(48131..48360)], ycf3 [complement(49091..49214)], trnV-UAC [complement(51321..51355)], trnV-UAC [complement(51940..51977)], rps12 [140836..141067], rps12 [141609..141634], clpP [complement(69524..69769)],</p>	<p>rps16 [1235..2119], trnK-UUU [3026..5570], trnL-UAA [9396..9882], trnG-UCC [12721..13432], atpF [complement(15838..16590)], rpoC1 [complement(26353..27130)], ycf3 [complement(47391..48130)], ycf3 [complement(48361..49090)], trnV-UAC [complement(51356..51939)], clpP [complement(69770..70466)], clpP [complement(70756..71551)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(70467..70755)], clpP [complement(71552..71622)], petB [74517..74522], petB [75306..75947], petD [76152..76159], petD [76892..77387], rpl16 [complement(80721..81119)], rpl16 [complement(82097..82105)], rpl2 [complement(83849..84282)], rpl2 [complement(84934..85318)], ndhB [complement(94047..94802)], ndhB [complement(95505..96281)], trnI-GAU [101818..101854], trnI-GAU [102802..102836], trnA-UGC [102901..102938], trnA-UGC [103752..103786], ndhA [complement(120397..120935)], ndhA [complement(121945..122497)], trnA-UGC [complement(134968..135002)], trnA-UGC [complement(135816..135853)], trnI-GAU [complement(135918..135952)], trnI-GAU [complement(136900..136936)], ndhB [142479..143255], ndhB [143958..144713], rpl2 [153442..153826], rpl2 [154478..154911], rpl16 [156655..156663], rpl16 [157641..158039]</p>	<p>[74523..75305], petD [76160..76891], rpl16 [complement(81120..82096)], rpl2 [complement(84283..84933)], ndhB [complement(94803..95504)], trnI-GAU [101855..102801], trnA-UGC [102939..103751], ndhA [complement(120936..121944)], trnA-UGC [complement(135003..135815)], trnI-GAU [complement(135953..136899)], ndhB [143256..143957], rpl2 [153827..154477], rpl16 [156664..157640]</p>
820.	CLBA	75	<p>rps12 [complement(97187..97212)], rps12 [complement(97754..97985)], rps12 [complement(69309..69422)], rps16 [1197..1236], rps16 [2125..2345], trnK-UUU [2991..3027], trnK-UUU [5579..5613], trnL-UAA [9339..9373], trnL-UAA [9867..9916], trnG-UCC [12683..12705], trnG-UCC [13416..13463], atpF [complement(15413..15822)], atpF [complement(16563..16707)], rpoC1 [complement(24717..26327)], rpoC1 [complement(27096..27527)], ycf3 [complement(47209..47361)], ycf3 [complement(48111..48340)], ycf3 [complement(49067..49190)], trnV-UAC [complement(51307..51341)], trnV-UAC [complement(51926..51963)], rps12 [140889..141120], rps12 [141662..141687], clpP [complement(69583..69828)], clpP [complement(70526..70814)], clpP [complement(71611..71681)], petB [74576..74581], petB [75365..76006], petD [76211..76218], petD [76951..77446], rpl16 [complement(80778..81176)], rpl16 [complement(82154..82162)], rpl2 [complement(83906..84339)], rpl2 [complement(84995..85385)], ndhB [complement(94108..94863)], ndhB [complement(95566..96342)], trnI-GAU [101893..101934], trnI-GAU [102877..102911], trnA-UGC [102976..103013], trnA-UGC [103827..103861], ndhA [complement(120457..120996)], ndhA [complement(121999..122550)], trnA-UGC [complement(135013..135047)], trnA-UGC</p>	<p>rps16 [1237..2124], trnK-UUU [3028..5578], trnL-UAA [9374..9866], trnG-UCC [12706..13415], atpF [complement(15823..16562)], rpoC1 [complement(26328..27095)], ycf3 [complement(47362..48110)], ycf3 [complement(48341..49066)], trnV-UAC [complement(51342..51925)], clpP [complement(69829..70525)], clpP [complement(70815..71610)], petB [74582..75364], petD [76219..76950], rpl16 [complement(81177..82153)], rpl2 [complement(84340..84994)], ndhB [complement(94864..95565)], trnI-GAU [101935..102876], trnA-UGC [103014..103826], ndhA [complement(120997..121998)], trnA-UGC [complement(135048..135860)], trnI-GAU [complement(135998..136939)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(135861..135898)], trnI-GAU [complement(135963..135997)], trnI-GAU [complement(136940..136981)], ndhB [142532..143308], ndhB [144011..144766], rpl2 [153489..153879], rpl2 [154535..154968], rpl16 [156712..156720], rpl16 [157698..158096]	[143309..144010], rpl2 [153880..154534], rpl16 [156721..157697]
821.	CLBR	75	rps12 [complement(97182..97207)], rps12 [complement(97749..97980)], rps12 [complement(69301..69414)], rps16 [1200..1239], rps16 [2132..2352], trnK-UUU [3012..3048], trnK-UUU [5594..5628], trnL-UAA [9340..9374], trnL-UAA [9862..9911], trnG-UCC [12692..12714], trnG-UCC [13425..13472], atpF [complement(15420..15829)], atpF [complement(16571..16715)], rpoC1 [complement(24706..26318)], rpoC1 [complement(27087..27516)], ycf3 [complement(47162..47314)], ycf3 [complement(48057..48286)], ycf3 [complement(49013..49136)], trnV-UAC [complement(51253..51287)], trnV-UAC [complement(51873..51910)], rps12 [140943..141174], rps12 [141716..141741], clpP [complement(69570..69815)], clpP [complement(70517..70805)], clpP [complement(71601..71671)], petB [74567..74572], petB [75364..76005], petD [76210..76217], petD [76950..77445], rpl16 [complement(80777..81175)], rpl16 [complement(82153..82161)], rpl2 [complement(83905..84338)], rpl2 [complement(84990..85392)], ndhB [complement(94103..94858)], ndhB [complement(95561..96337)], trnI-GAU [101882..101918], trnI-GAU [102866..102900], trnA-UGC [102965..103002], trnA-UGC [103816..103850], ndhA [complement(120456..120994)], ndhA [complement(122000..122552)], trnA-UGC [complement(135073..135107)], trnA-UGC [complement(135921..135958)], trnI-GAU [complement(136023..136057)], trnI-GAU [complement(137005..137041)], ndhB [142586..143362], ndhB [144065..144820], rpl2 [153531..153933], rpl2 [154585..155018], rpl16 [156762..156770], rpl16 [157748..158146]	rps16 [1240..2131], trnK-UUU [3049..5593], trnL-UAA [9375..9861], trnG-UCC [12715..13424], atpF [complement(15830..16570)], rpoC1 [complement(26319..27086)], ycf3 [complement(47315..48056)], ycf3 [complement(48287..49012)], trnV-UAC [complement(51288..51872)], clpP [complement(69816..70516)], clpP [complement(70806..71600)], petB [74573..75363], petD [76218..76949], rpl16 [complement(81176..82152)], rpl2 [complement(84339..84989)], ndhB [complement(94859..95560)], trnI-GAU [101919..102865], trnA-UGC [103003..103815], ndhA [complement(120995..121999)], trnA-UGC [complement(135108..135920)], trnI-GAU [complement(136058..137004)], ndhB [143363..144064], rpl2 [153934..154584], rpl16 [156771..157747]
822.	CLDE	73	rps12 [complement(100346..100371)], rps12 [complement(100908..101139)], rps12 [complement(72269..72382)], trnK-UUU [complement(1666..1700)], trnK-UUU [complement(4214..4250)], rps16 [complement(5042..5237)], rps16 [complement(6110..6147)], trnG-GCC [9667..9689], trnG-GCC [10372..10419], atpF [complement(12349..12757)], atpF	trnK-UUU [complement(1701..4213)], rps16 [complement(5238..6109)], trnG-GCC [9690..10371], atpF [complement(12758..13475)], rpoC1 [complement(23147..23882)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13476..13633)], rpoC1 [complement(21520..23146)], rpoC1 [complement(23883..24316)], ycf3 [complement(44348..44500)], ycf3 [complement(45248..45475)], ycf3 [complement(46193..46318)], trnL-UAA [49076..49112], trnL-UAA [49635..49684], trnV-UAC [complement(53692..53728)], trnV-UAC [complement(54315..54353)], rps12 [complement(72269..72382)], rps12 [142985..143216], rps12 [143753..143778], clpP [complement(72509..72736)], clpP [complement(73368..73658)], clpP [complement(74470..74538)], petB [77463..77468], petB [78228..78890], petD [79098..79106], petD [79845..80369], rpl16 [complement(83872..84273)], rpl16 [complement(85336..85344)], rpl2 [complement(86970..87404)], rpl2 [complement(88067..88459)], ndhB [complement(97288..98043)], ndhB [complement(98723..99499)], trnI-GAU [105016..105057], trnI-GAU [106003..106037], trnA-UGC [106102..106139], trnA-UGC [106947..106981], ndhA [complement(122620..123158)], ndhA [complement(124232..124784)], trnA-UGC [complement(137143..137177)], trnA-UGC [complement(137985..138022)], trnI-GAU [complement(138087..138121)], trnI-GAU [complement(139067..139108)], ndhB [144625..145401], ndhB [146081..146836], rpl2 [155665..156057], rpl2 [156720..157154]	[complement(44501..45247)], ycf3 [complement(45476..46192)], trnL-UAA [49113..49634], trnV-UAC [complement(53729..54314)], clpP [complement(72737..73367)], clpP [complement(73659..74469)], petB [77469..78227], petD [79107..79844], rpl16 [complement(84274..85335)], rpl2 [complement(87405..88066)], ndhB [complement(98044..98722)], trnI-GAU [105058..106002], trnA-UGC [106140..106946], ndhA [complement(123159..124231)], trnA-UGC [complement(137178..137984)], trnI-GAU [complement(138122..139066)], ndhB [145402..146080], rpl2 [156058..156719]
823.	CLEX	46	rps12 [complement(103422..103664)], rps12 [complement(74329..74445)], rps16 [complement(5158..5382)], rps16 [complement(6295..6333)], atpF [complement(12660..13069)], atpF [complement(13862..14009)], rpoC1 [complement(22290..23900)], rpoC1 [complement(24663..25097)], trnV-UAC [complement(30567..30600)], trnV-UAC [complement(30712..30746)], ycf3 [complement(46264..46416)], ycf3 [complement(47206..47435)], ycf3 [complement(48184..48310)], accD [61216..61676], accD [61707..62712], rps12 [145565..145807], clpP [complement(74557..74782)], clpP [complement(75441..75730)], clpP [complement(76563..76631)], rpl2 [complement(89104..89537)], rpl2 [complement(90228..90621)], ndhB [complement(99811..100568)], ndhB [complement(101247..102024)], trnN- AUU [complement(117947..117980)], trnN-AUU [complement(118044..118081)], ndhA [complement(125204..125742)], ndhA	rps16 [complement(5383..6294)], atpF [complement(13070..13861)], rpoC1 [complement(23901..24662)], trnV-UAC [complement(30601..30711)], ycf3 [complement(46417..47205)], ycf3 [complement(47436..48183)], accD [61677..61706], clpP [complement(74783..75440)], clpP [complement(75731..76562)], rpl2 [complement(89538..90227)], ndhB [complement(100569..101246)], trnN-AUU [complement(117981..118043)], ndhA [complement(125743..126868)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(126869..127424)], ndhB [147205..147981], ndhB [148663..149418], rpl2 [158608..158998], rpl2 [159692..160125]	[147982..148662], rpl2 [158999..159691]
824.	CLFA	1	rps12 [151961..151986]	-
825.	CLHE	75	rps12 [complement(97166..97191)], rps12 [complement(97733..97964)], rps12 [complement(69285..69398)], rps16 [1200..1239], rps16 [2132..2352], trnK-UUU [3005..3041], trnK-UUU [5587..5621], trnL-UAA [9328..9362], trnL-UAA [9850..9899], trnG-UCC [12687..12709], trnG-UCC [13421..13468], atpF [complement(15416..15825)], atpF [complement(16567..16711)], rpoC1 [complement(24701..26313)], rpoC1 [complement(27082..27511)], ycf3 [complement(47157..47309)], ycf3 [complement(48052..48281)], ycf3 [complement(49008..49131)], trnV-UAC [complement(51249..51283)], trnV-UAC [complement(51869..51906)], rps12 [140925..141156], rps12 [141698..141723], clpP [complement(69554..69799)], clpP [complement(70502..70790)], clpP [complement(71586..71656)], petB [74552..74557], petB [75348..75989], petD [76194..76201], petD [76934..77429], rpl16 [complement(80761..81159)], rpl16 [complement(82137..82145)], rpl2 [complement(83889..84322)], rpl2 [complement(84974..85376)], ndhB [complement(94087..94842)], ndhB [complement(95545..96321)], trnI-GAU [101866..101902], trnI-GAU [102850..102884], trnA-UGC [102949..102986], trnA-UGC [103800..103834], ndhA [complement(120442..120980)], ndhA [complement(121983..122535)], trnA-UGC [complement(135055..135089)], trnA-UGC [complement(135903..135940)], trnI-GAU [complement(136005..136039)], trnI-GAU [complement(136987..137023)], ndhB [142568..143344], ndhB [144047..144802], rpl2 [153513..153915], rpl2 [154567..155000], rpl16 [156744..156752], rpl16 [157730..158128]	rps16 [1240..2131], trnK-UUU [3042..5586], trnL-UAA [9363..9849], trnG-UCC [12710..13420], atpF [complement(15826..16566)], rpoC1 [complement(26314..27081)], ycf3 [complement(47310..48051)], ycf3 [complement(48282..49007)], trnV-UAC [complement(51284..51868)], clpP [complement(69800..70501)], clpP [complement(70791..71585)], petB [74558..75347], petD [76202..76933], rpl16 [complement(81160..82136)], rpl2 [complement(84323..84973)], ndhB [complement(94843..95544)], trnI-GAU [101903..102849], trnA-UGC [102987..103799], ndhA [complement(120981..121982)], trnA-UGC [complement(135090..135902)], trnI-GAU [complement(136040..136986)], ndhB [143345..144046], rpl2 [153916..154566], rpl16 [156753..157729]
826.	CLLO	75	rps12 [complement(97241..97266)], rps12 [complement(97808..98039)], rps12 [complement(69350..69463)], rps16 [1218..1257], rps16 [2142..2362], trnK-UUU [3018..3054], trnK-UUU [5604..5638], trnL-UAA [9349..9383], trnL-UAA [9879..9928], trnG-UCC [12710..12732], trnG-UCC [13444..13491], atpF [complement(15439..15848)], atpF [complement(16594..16738)], rpoC1 [complement(24738..26345)], rpoC1	rps16 [1258..2141], trnK-UUU [3055..5603], trnL-UAA [9384..9878], trnG-UCC [12733..13443], atpF [complement(15849..16593)], rpoC1 [complement(26346..27110)], ycf3 [complement(47379..48121)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(27111..27545)], ycf3 [complement(47226..47378)], ycf3 [complement(48122..48351)], ycf3 [complement(49083..49206)], trnV-UAC [complement(51353..51387)], trnV-UAC [complement(51971..52008)], rps12 [140984..141215], rps12 [141757..141782], clpP [complement(69616..69861)], clpP [complement(70571..70859)], clpP [complement(71657..71727)], petB [74630..74635], petB [75419..76060], petD [76265..76272], petD [77003..77498], rpl16 [complement(80832..81230)], rpl16 [complement(82212..82220)], rpl2 [complement(83964..84397)], rpl2 [complement(85049..85433)], ndhB [complement(94162..94917)], ndhB [complement(95620..96396)], trnI-GAU [101947..101983], trnI-GAU [102931..102965], trnA-UGC [103030..103067], trnA-UGC [103881..103915], ndhA [complement(120545..121083)], ndhA [complement(122089..122641)], trnA-UGC [complement(135108..135142)], trnA-UGC [complement(135956..135993)], trnI-GAU [complement(136058..136092)], trnI-GAU [complement(137040..137076)], ndhB [142627..143403], ndhB [144106..144861], rpl2 [153590..153974], rpl2 [154626..155059], rpl16 [156803..156811], rpl16 [157793..158191]	[complement(48352..49082)], trnV-UAC [complement(51388..51970)], clpP [complement(69862..70570)], clpP [complement(70860..71656)], petB [74636..75418], petD [76273..77002], rpl16 [complement(81231..82211)], rpl2 [complement(84398..85048)], ndhB [complement(94918..95619)], trnI-GAU [101984..102930], trnA-UGC [103068..103880], ndhA [complement(121084..122088)], trnA-UGC [complement(135143..135955)], trnI-GAU [complement(136093..137039)], ndhB [143404..144105], rpl2 [153975..154625], rpl16 [156812..157792]
827.	CLM A	27	rps4 [159647], rps4 [1..632], rps12 [141779..141804]	rps16 [1246..2108], trnK-UUU [3022..5565], trnL-UAA [9371..9865], trnG-UCC [12883..13594], atpF [complement(16001..16741)], rpoC1 [complement(26479..27245)], ycf3 [complement(47491..48237)], ycf3 [complement(48467..49192)], trnV-UAC [complement(51483..52066)], clpP [complement(69934..70626)], clpP [complement(70916..71711)], petB [74682..75463], petD [76318..77047], rpl16 [complement(81278..82254)], rpl2 [complement(84441..85091)], ndhB [complement(94961..95662)], trnI-GAU [102026..102972], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[103110..103922], ndhA [complement(121134..122136)], trnA-UGC [complement(135166..135978)], trnI-GAU [complement(136116..137062)], ndhB [143426..144127], rpl2 [153997..154647], rpl16 [156834..157810]
828.	CLNU	72	rps12 [complement(96695..96720)], rps12 [complement(97257..97488)], rps12 [complement(69126..69239)], trnK-UUU [complement(1702..1734)], trnK-UUU [complement(4154..4190)], rps16 [complement(4562..4788)], rps16 [complement(5638..5677)], trnG-UCC [8665..8687], trnG-UCC [9362..9409], atpF [complement(11364..11774)], atpF [complement(12508..12651)], rpoC1 [complement(20326..21954)], rpoC1 [complement(22726..23160)], ycf3 [complement(42001..42153)], ycf3 [complement(42853..43082)], ycf3 [complement(43783..43906)], trnL-UAA [46691..46725], trnL-UAA [47207..47256], trnV-UAC [complement(50966..51000)], trnV-UAC [complement(51583..51620)], rps12 [137684..137915], rps12 [138452..138477], clpP [complement(69399..69626)], clpP [complement(70278..70569)], clpP [complement(71316..71386)], petB [74328..74333], petB [75043..75684], petD [75866..75873], petD [76601..77075], rpl16 [complement(80495..80893)], rpl16 [complement(81823..81831)], rpl2 [complement(83503..83936)], rpl2 [complement(84609..84999)], ndhB [complement(93699..94481)], ndhB [complement(95134..95910)], trnI-GAU [101158..101194], trnI-GAU [102143..102177], trnA-UGC [102242..102279], trnA-UGC [103094..103128], ndhA [complement(117636..117814)], ndhA [complement(119179..119731)], trnA-UGC [complement(132044..132078)], trnA-UGC [complement(132893..132930)], trnI-GAU [complement(132995..133029)], trnI-GAU [complement(133978..134014)], ndhB [139262..140038], ndhB [140718..141473], rpl2 [150173..150563], rpl2 [151236..151669]	trnK-UUU [complement(1735..4153)], rps16 [complement(4789..5637)], trnG-UCC [8688..9361], atpF [complement(11775..12507)], rpoC1 [complement(21955..22725)], ycf3 [complement(42154..42852)], ycf3 [complement(43083..43782)], trnL-UAA [46726..47206], trnV-UAC [complement(51001..51582)], clpP [complement(69627..70277)], clpP [complement(70570..71315)], petB [74334..75042], petD [75874..76600], rpl16 [complement(80894..81822)], rpl2 [complement(83937..84608)], ndhB [complement(94482..95133)], trnI-GAU [101195..102142], trnA-UGC [102280..103093], ndhA [complement(117815..119178)], trnA-UGC [complement(132079..132892)], trnI-GAU [complement(133030..133977)], ndhB [140039..140717], rpl2 [150564..151235]
829.	CLRE	75	rps12 [complement(97148..97173)], rps12 [complement(97715..97946)], rps12 [complement(69287..69400)], rps16 [1202..1241], rps16 [2122..2342], trnK-UUU [2994..3030], trnK-UUU [5583..5617], trnL-UAA [9346..9380],	rps16 [1242..2121], trnK-UUU [3031..5582], trnL-UAA [9381..9876], trnG-UCC [12727..13437], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnL-UAA [9877..9926], trnG-UCC [12704..12726], trnG-UCC [13438..13485], atpF [complement(15427..15836)], atpF [complement(16578..16722)], rpoC1 [complement(24704..26316)], rpoC1 [complement(27085..27514)], ycf3 [complement(47176..47328)], ycf3 [complement(48082..48311)], ycf3 [complement(49038..49161)], trnV-UAC [complement(51280..51314)], trnV-UAC [complement(51899..51936)], rps12 [140866..141097], rps12 [141639..141664], clpP [complement(69554..69799)], clpP [complement(70494..70782)], clpP [complement(71581..71651)], petB [74546..74551], petB [75333..75974], petD [76179..76186], petD [76920..77415], rpl16 [complement(80743..81141)], rpl16 [complement(82119..82127)], rpl2 [complement(83871..84304)], rpl2 [complement(84956..85358)], ndhB [complement(94069..94824)], ndhB [complement(95527..96303)], trnI-GAU [101853..101889], trnI-GAU [102837..102871], trnA-UGC [102936..102973], trnA-UGC [103787..103821], ndhA [complement(120431..120969)], ndhA [complement(121977..122529)], trnA-UGC [complement(134990..135024)], trnA-UGC [complement(135838..135875)], trnI-GAU [complement(135940..135974)], trnI-GAU [complement(136922..136958)], ndhB [142509..143285], ndhB [143988..144743], rpl2 [153454..153856], rpl2 [154508..154941], rpl16 [156685..156693], rpl16 [157671..158069]	[complement(15837..16577)], rpoC1 [complement(26317..27084)], ycf3 [complement(47329..48081)], ycf3 [complement(48312..49037)], trnV-UAC [complement(51315..51898)], clpP [complement(69800..70493)], clpP [complement(70783..71580)], petB [74552..75332], petD [76187..76919], rpl16 [complement(81142..82118)], rpl2 [complement(84305..84955)], ndhB [complement(94825..95526)], trnI-GAU [101890..102836], trnA-UGC [102974..103786], ndhA [complement(120970..121976)], trnA-UGC [complement(135025..135837)], trnI-GAU [complement(135975..136921)], ndhB [143286..143987], rpl2 [153857..154507], rpl16 [156694..157670]
830.	CLTE	72	rps12 [complement(97176..97201)], rps12 [complement(97743..97974)], rps12 [complement(69296..69409)], trnK-UUU [2990..3026], trnK-UUU [5578..5612], trnL-UAA [9338..9372], trnL-UAA [9866..9915], trnG-GCC [12679..12701], trnG-GCC [13412..13459], atpF [complement(15410..15819)], atpF [complement(16561..16705)], rpoC1 [complement(24715..26327)], rpoC1 [complement(27096..27525)], ycf3 [complement(47202..47354)], ycf3 [complement(48105..48334)], ycf3 [complement(49061..49184)], trnV-UAC [complement(51300..51334)], trnV-UAC [complement(51919..51956)], rps12 [140883..141114], rps12 [141656..141681], clpP [complement(69571..69816)], clpP [complement(70515..70803)], clpP [complement(71600..71670)], petB [74565..74570], petB [75353..75994], petD [76199..76206], petD [76939..77434], rpl16 [complement(80766..81164)], rpl16	trnK-UUU [3027..5577], trnL-UAA [9373..9865], trnG-GCC [12702..13411], atpF [complement(15820..16560)], rpoC1 [complement(26328..27095)], ycf3 [complement(47355..48104)], ycf3 [complement(48335..49060)], trnV-UAC [complement(51335..51918)], clpP [complement(69817..70514)], clpP [complement(70804..71599)], petB [74571..75352], petD [76207..76938], rpl16 [complement(81165..82141)], rpl2 [complement(84328..84983)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82142..82150)], rpl2 [complement(83894..84327)], rpl2 [complement(84984..85374)], ndhB [complement(94097..94852)], ndhB [complement(95555..96331)], trnI-GAU [101882..101918], trnI-GAU [102866..102900], trnA-UGC [102965..103002], trnA-UGC [103817..103851], ndhA [complement(120453..120991)], ndhA [complement(121994..122546)], trnA-UGC [complement(135006..135040)], trnA-UGC [complement(135855..135892)], trnI-GAU [complement(135957..135991)], trnI-GAU [complement(136939..136975)], ndhB [142526..143302], ndhB [144005..144760], rpl2 [153483..153873], rpl2 [154530..154963], rpl16 [156707..156715], rpl16 [157693..158091]	[complement(94853..95554)], trnI-GAU [101919..102865], trnA-UGC [103003..103816], ndhA [complement(120992..121993)], trnA-UGC [complement(135041..135854)], trnI-GAU [complement(135992..136938)], ndhB [143303..144004], rpl2 [153874..154529], rpl16 [156716..157692]
831.	CLTR	75	rps12 [complement(97057..97082)], rps12 [complement(97624..97855)], rps12 [complement(69197..69310)], rps16 [1325..1364], rps16 [2257..2477], trnK-UUU [3131..3167], trnK-UUU [5713..5747], trnL-UAA [9492..9525], trnL-UAA [10013..10063], trnG-UCC [12822..12844], trnG-UCC [13554..13601], atpF [complement(15549..15958)], atpF [complement(16700..16844)], rpoC1 [complement(24832..26442)], rpoC1 [complement(27211..27642)], ycf3 [complement(47275..47427)], ycf3 [complement(48170..48399)], ycf3 [complement(49126..49249)], trnV-UAC [complement(51353..51389)], trnV-UAC [complement(51974..52011)], rps12 [140655..140886], rps12 [141428..141453], clpP [complement(69466..69711)], clpP [complement(70412..70700)], clpP [complement(71496..71566)], petB [74462..74467], petB [75258..75899], petD [76104..76111], petD [76844..77339], rpl16 [complement(80652..81050)], rpl16 [complement(82028..82036)], rpl2 [complement(83780..84213)], rpl2 [complement(84865..85255)], ndhB [complement(93978..94733)], ndhB [complement(95436..96212)], trnI-GAU [101757..101798], trnI-GAU [102741..102775], trnA-UGC [102840..102877], trnA-UGC [103691..103725], ndhA [complement(120248..120787)], ndhA [complement(121793..122344)], trnA-UGC [complement(134785..134819)], trnA-UGC [complement(135633..135670)], trnI-GAU [complement(135735..135769)], trnI-GAU [complement(136712..136753)], ndhB [142298..143074], ndhB [143777..144532], rpl2 [153255..153645], rpl2 [154297..154730], rpl16	rps16 [1365..2256], trnK-UUU [3168..5712], trnL-UAA [9526..10012], trnG-UCC [12845..13553], atpF [complement(15959..16699)], rpoC1 [complement(26443..27210)], ycf3 [complement(47428..48169)], ycf3 [complement(48400..49125)], trnV-UAC [complement(51390..51973)], clpP [complement(69712..70411)], clpP [complement(70701..71495)], petB [74468..75257], petD [76112..76843], rpl16 [complement(81051..82027)], rpl2 [complement(84214..84864)], ndhB [complement(94734..95435)], trnI-GAU [101799..102740], trnA-UGC [102878..103690], ndhA [complement(120788..121792)], trnA-UGC [complement(134820..135632)], trnI-GAU [complement(135770..136711)], ndhB [143075..143776], rpl2 [153646..154296], rpl16 [156483..157459]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[156474..156482], rpl16 [157460..157858]	
832.	CLUN	75	rps12 [complement(97192..97217)], rps12 [complement(97759..97990)], rps12 [complement(69312..69425)], rps16 [1204..1243], rps16 [2133..2353], trnK-UUU [3001..3037], trnK-UUU [5584..5618], trnL-UAA [9332..9366], trnL-UAA [9859..9908], trnG-UCC [12697..12719], trnG-UCC [13428..13475], atpF [complement(15423..15832)], atpF [complement(16577..16721)], rpoC1 [complement(24713..26325)], rpoC1 [complement(27094..27523)], ycf3 [complement(47213..47365)], ycf3 [complement(48116..48345)], ycf3 [complement(49072..49195)], trnV-UAC [complement(51308..51342)], trnV-UAC [complement(51926..51963)], rps12 [140884..141115], rps12 [141657..141682], clpP [complement(69582..69827)], clpP [complement(70534..70822)], clpP [complement(71619..71689)], petB [74584..74589], petB [75373..76014], petD [76218..76225], petD [76958..77453], rpl16 [complement(80787..81185)], rpl16 [complement(82163..82171)], rpl2 [complement(83915..84348)], rpl2 [complement(85000..85408)], ndhB [complement(94113..94868)], ndhB [complement(95571..96347)], trnI-GAU [101897..101933], trnI-GAU [102881..102915], trnA-UGC [102980..103017], trnA-UGC [103831..103865], ndhA [complement(120457..120995)], ndhA [complement(122001..122553)], trnA-UGC [complement(135009..135043)], trnA-UGC [complement(135857..135894)], trnI-GAU [complement(135959..135993)], trnI-GAU [complement(136941..136977)], ndhB [142527..143303], ndhB [144006..144761], rpl2 [153472..153874], rpl2 [154526..154959], rpl16 [156703..156711], rpl16 [157689..158087]	rps16 [1244..2132], trnK-UUU [3038..5583], trnL-UAA [9367..9858], trnG-UCC [12720..13427], atpF [complement(15833..16576)], rpoC1 [complement(26326..27093)], ycf3 [complement(47366..48115)], ycf3 [complement(48346..49071)], trnV-UAC [complement(51343..51925)], clpP [complement(69828..70533)], clpP [complement(70823..71618)], petB [74590..75372], petD [76226..76957], rpl16 [complement(81186..82162)], rpl2 [complement(84349..84999)], ndhB [complement(94869..95570)], trnI-GAU [101934..102880], trnA-UGC [103018..103830], ndhA [complement(120996..122000)], trnA-UGC [complement(135044..135856)], trnI-GAU [complement(135994..136940)], ndhB [143304..144005], rpl2 [153875..154525], rpl16 [156712..157688]
833.	CNOF	69	rps12 [complement(98997..99022)], rps12 [complement(99559..99790)], rps12 [complement(71601..71714)], trnK-UUU [complement(2468..2502)], trnK-UUU [complement(5024..5060)], rps16 [complement(5773..5969)], rps16 [complement(6825..6864)], trnG-UCC [9889..9911], trnG-UCC [10614..10661], atpF [complement(12567..12967)], atpF [complement(13688..13832)], rpoC1 [complement(21841..23445)], rpoC1 [complement(24198..24632)], ycf3 [complement(44336..44490)], ycf3 [complement(45267..45492)], ycf3 [complement(46211..46336)], trnL-UAA	trnK-UUU [complement(2503..5023)], rps16 [complement(5970..6824)], trnG-UCC [9912..10613], atpF [complement(12968..13687)], rpoC1 [complement(23446..24197)], ycf3 [complement(44491..45266)], ycf3 [complement(45493..46210)], trnL-UAA [49432..49933], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49397..49431], trnL-UAA [49934..49983], trnV-UAC [complement(53591..53625)], trnV-UAC [complement(54215..54253)], rps12 [142706..142937], rps12 [143474..143499], clpP [complement(71860..72090)], clpP [complement(72727..73018)], clpP [complement(73857..73927)], petB [76879..76884], petB [77639..78280], petD [78460..78467], petD [79209..79683], rpl16 [complement(83186..83584)], rpl16 [complement(84552..84560)], rpl2 [complement(86235..86668)], rpl2 [complement(87321..87711)], ndhB [complement(95961..96716)], ndhB [complement(97399..98175)], trnI-GAU [103727..103763], trnI-GAU [104713..104747], trnA-UGC [104812..104849], trnA-UGC [105665..105699], ndhA [complement(122394..122933)], ndhA [complement(124005..124556)], trnA-UGC [complement(136797..136831)], trnA-UGC [complement(137647..137684)], trnI-GAU [complement(137749..137783)], trnI-GAU [complement(138733..138769)], ndhB [144321..145097], ndhB [145780..146535]	[complement(53626..54214)], clpP [complement(72091..72726)], clpP [complement(73019..73856)], petB [76885..77638], petD [78468..79208], rpl16 [complement(83585..84551)], rpl2 [complement(86669..87320)], ndhB [complement(96717..97398)], trnI-GAU [103764..104712], trnA-UGC [104850..105664], ndhA [complement(122934..124004)], trnA-UGC [complement(136832..137646)], trnI-GAU [complement(137784..138732)], ndhB [145098..145779]
834.	COAF	22	trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3848..3885)], rps12 [126650..126678]	trnK-UUU [complement(1421..3847)], rps16 [complement(4670..5497)], atpF [33310..34117], ycf3 [complement(42496..43230)], ycf3 [complement(43459..44199)], trnL-UAA [46840..47383], trnV-UAC [complement(50859..51455)], petB [70811..71565], petD [72404..73083], rpl16 [complement(77469..78522)], rpl2 [complement(80923..81582)], ndhB [complement(86134..86845)], trnI-GAU [93118..94061], trnA-UGC [94200..95009], ndhA [complement(111141..112197)], trnA-UGC [complement(120120..120929)], trnI-GAU [complement(121068..122011)], ndhB [128284..128995], rpl2 [133547..134206]
835.	COAJ	23	rps12 [142311..142336]	trnK-UUU [complement(1749..4275)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UCC [8521..9231], atpF [complement(11663..12395)], rpoC1 [complement(22044..22795)], ycf3 [complement(43903..44660)], ycf3 [complement(44890..45602)], trnL-UAA [48844..49330], trnV-UAC [complement(53354..53952)], clpP [complement(71595..72252)], clpP [complement(72542..73389)], petB [76350..77143], petD [77993..78712], rpl16 [complement(83126..84230)], rpl2 [complement(86398..87057)], ndhB [complement(97137..97837)], trnI-GAU [104266..105210], trnA-UGC [105348..106147], ndhA [complement(121894..122886)], trnA-UGC [complement(135654..136453)], trnI-GAU [complement(136591..137535)], ndhB [143964..144664], rpl2 [154744..155403]
836.	COAL	73	rps12 [complement(101371..101396)], rps12 [complement(101933..102164)], rps12 [complement(73263..73376)], trnK-UUU [complement(1726..1760)], trnK-UUU [complement(4266..4302)], rps16 [complement(5081..5299)], rps16 [complement(6182..6220)], trnG-UCC [9938..9960], trnG-UCC [10637..10684], atpF [complement(12625..13032)], atpF [complement(13716..13874)], rpoC1 [complement(21880..23505)], rpoC1 [complement(24274..24708)], ycf3 [complement(44712..44864)], ycf3 [complement(45613..45840)], ycf3 [complement(46573..46698)], trnL-UAA [49881..49915], trnL-UAA [50437..50486], trnV-UAC [complement(54414..54450)], trnV-UAC [complement(55031..55069)], rps12 [complement(73263..73376)], rps12 [144417..144648], rps12 [145185..145210], clpP [complement(73522..73749)], clpP [complement(74413..74703)], clpP [complement(75524..75592)], petB	trnK-UUU [complement(1761..4265)], rps16 [complement(5300..6181)], trnG-UCC [9961..10636], atpF [complement(13033..13715)], rpoC1 [complement(23506..24273)], ycf3 [complement(44865..45612)], ycf3 [complement(45841..46572)], trnL-UAA [49916..50436], trnV-UAC [complement(54451..55030)], clpP [complement(73750..74412)], clpP [complement(74704..75523)], petB [78505..79267], petD [80111..80897], rpl16 [complement(85246..86255)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78499..78504], petB [79268..79909], petD [80103..80110], petD [80898..81372], rpl16 [complement(84835..85245)], rpl16 [complement(86256..86264)], rpl2 [complement(87934..88368)], rpl2 [complement(89031..89423)], ndhB [complement(98315..99070)], ndhB [complement(99750..100526)], trnI-GAU [106128..106169], trnI-GAU [107112..107146], trnA-UGC [107211..107248], trnA-UGC [108056..108090], ndhA [complement(124023..124562)], ndhA [complement(125667..126218)], trnA-UGC [complement(138491..138525)], trnA-UGC [complement(139333..139370)], trnI-GAU [complement(139435..139469)], trnI-GAU [complement(140412..140453)], ndhB [146055..146831], ndhB [147511..148266], rpl2 [157158..157547], rpl2 [158213..158647]	[complement(88369..89030)], ndhB [complement(99071..99749)], trnI-GAU [106170..107111], trnA-UGC [107249..108055], ndhA [complement(124563..125666)], trnA-UGC [complement(138526..139332)], trnI-GAU [complement(139470..140411)], ndhB [146832..147510], rpl2 [157548..158212]
837.	COA M	9	rpl2 [complement(31513..31537)], rpl2 [complement(32073..32304)], rpl2 [complement(13624..13735)]	rpl2 [complement(31538..32072)], rpl2 [complement(32305..13623)], clpP [complement(14032..14590)], clpP [complement(14882..15496)], rpl16 [complement(18262..19090)], rpl2 [complement(21116..21777)]
838.	COAP	62	ndhB [complement(311..1066)], ndhB [complement(1729..2505)], rps12 [complement(3347..3372)], rps12 [complement(3909..4140)], rps12 [complement(128248..128361)], trnI-GAU [7772..7813], trnI-GAU [8752..8786], trnA-UGC [8857..8894], trnA-UGC [9703..9737], ndhA [complement(26014..26553)], ndhA [complement(27573..28124)], trnA-UGC [complement(40350..40384)], trnA-UGC [complement(41193..41230)], trnI-GAU [complement(41301..41335)], trnI-GAU [complement(42274..42315)], ndhB [47582..48358], ndhB [49021..49776], trnK-UUU [complement(60596..60629)], trnK-UUU [complement(63168..63204)], rps16 [complement(63767..63993)], rps16 [complement(64844..64883)], trnG-UCC [67644..67666], trnG-UCC [68393..68440], atpF [complement(70362..70771)], atpF [complement(71490..71634)], rpoC1 [complement(79113..80729)], rpoC1 [complement(81491..81922)], ycf3 [complement(100913..101295)], ycf3 [complement(102096..102219)], trnL-UAA [105132..105168], trnL-UAA [105783..105832], trnV-UAC [complement(109783..109819)], trnV-UAC	ndhB [complement(1067..1728)], trnI-GAU [7814..8751], trnA-UGC [8895..9702], ndhA [complement(26554..27572)], trnA-UGC [complement(40385..41192)], trnI-GAU [complement(41336..42273)], ndhB [48359..49020], trnK-UUU [complement(60630..63167)], rps16 [complement(63994..64843)], trnG-UCC [67667..68392], atpF [complement(70772..71489)], rpoC1 [complement(80730..81490)], ycf3 [complement(101296..102095)], trnL-UAA [105169..105782], trnV-UAC [complement(109820..110416)], clpP [complement(128727..129295)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(110417..110455)], clpP [complement(128499..128726)], clpP [complement(129296..129587)], clpP [complement(130430..130500)], petB [133397..133402], petB [134162..134803], petD [135039..135046], petD [135785..136259], rpl16 [complement(139588..139995)], rpl16 [complement(140861..140869)]	[complement(129588..130429)], petB [133403..134161], petD [135047..135784], rpl16 [complement(139996..140860)]
839.	COAR	17	rps12 [complement(70823..70936)], rps12 [141689..141714]	rps16 [complement(5232..6065)], atpF [complement(12483..13175)], rpoC1 [complement(22791..23528)], ycf3 [complement(43304..44052)], ycf3 [complement(44281..44979)], clpP [complement(71310..71936)], clpP [complement(72229..73004)], petB [76022..76786], petD [77629..78347], rpl16 [complement(82658..83657)], rpl2 [complement(85746..86404)], ndhB [complement(96359..96957)], ndhA [complement(121149..122265)], ndhB [143396..143997], rpl2 [153958..154610]
840.	COAU	72	rps12 [complement(97730..97756)], rps12 [complement(98298..98528)], rps12 [complement(69652..69765)], trnK-UUU [complement(1467..1501)], trnK-UUU [complement(4142..4178)], rps16 [complement(4800..4991)], rps16 [complement(5797..5838)], trnG-UCC [8920..8943], trnG-UCC [9641..9688], atpF [complement(11643..12053)], atpF [complement(12824..12967)], rpoC1 [complement(20744..22363)], rpoC1 [complement(23107..23541)], ycf3 [complement(41983..42141)], ycf3 [complement(42871..43098)], ycf3 [complement(43792..43917)], trnL-UAA [46812..46846], trnL-UAA [47413..47462], trnV-UAC [complement(51312..51348)], trnV-UAC [complement(51931..51969)], rps12 [142181..142411], rps12 [142953..142979], clpP [complement(69908..70159)], clpP [complement(70853..71143)], clpP [complement(71929..71997)], petB [74956..74961], petB [75780..76421], petD [76624..76629], petD [77392..77868], rpl16 [complement(81328..81729)], rpl16	trnK-UUU [complement(1502..4141)], rps16 [complement(4992..5796)], trnG-UCC [8944..9640], atpF [complement(12054..12823)], rpoC1 [complement(22364..23106)], ycf3 [complement(42142..42870)], ycf3 [complement(43099..43791)], trnL-UAA [46847..47412], trnV-UAC [complement(51349..51930)], clpP [complement(70160..70852)], clpP [complement(71144..71928)], petB [74962..75779], petD [76630..77391], rpl16 [complement(81730..82715)], rpl2 [complement(85016..85678)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82716..82724)], rpl2 [complement(84584..85015)], rpl2 [complement(85679..86068)], ndhB [complement(94643..95398)], ndhB [complement(96097..96873)], trnI-GAU [102487..102523], trnI-GAU [103467..103501], trnA-UGC [103566..103603], trnA-UGC [104404..104438], ndhA [complement(121853..122392)], ndhA [complement(123422..123973)], trnA-UGC [complement(136271..136305)], trnA-UGC [complement(137106..137143)], trnI-GAU [complement(137208..137242)], trnI-GAU [complement(138186..138222)], ndhB [143836..144612], ndhB [145311..146066], rpl2 [154641..155030], rpl2 [155694..156125]	[complement(95399..96096)], trnI-GAU [102524..103466], trnA-UGC [103604..104403], ndhA [complement(122393..123421)], trnA-UGC [complement(136306..137105)], trnI-GAU [complement(137243..138185)], ndhB [144613..145310], rpl2 [155031..155693]
841.	COAV	26	rps12 [complement(102004..102032)], rps12 [complement(102570..102801)], rps12 [complement(73986..74099)], rpoC1 [complement(22803..24419)], rpoC1 [complement(25242..25697)], ycf3 [complement(46447..46599)], ycf3 [complement(47375..47604)], ycf3 [complement(48313..48439)], rps12 [complement(73986..74099)], rps12 [144903..145133], rps12 [145671..145700], rpl2 [complement(88654..89123)], rpl2 [complement(89773..90166)], ndhA [complement(124335..124873)], ndhA [complement(126061..126616)], ndhB [146543..147319], ndhB [148006..148767], rpl2 [157538..157928], rpl2 [158581..159050]	rpoC1 [complement(24420..25241)], ycf3 [complement(46600..47374)], ycf3 [complement(47605..48312)], rpl2 [complement(89124..89772)], ndhA [complement(124874..126060)], ndhB [147320..148005], rpl2 [157929..158580]
842.	COBE	49	rps12 [complement(77657..77686)], rps12 [complement(78235..78465)], rps12 [complement(52800..52913)], trnK-UUU [complement(951..985)], trnK-UUU [complement(3831..3867)], rps16 [complement(4329..4572)], rps16 [complement(5447..5487)], trnG-UCC [8411..8433], trnG-UCC [9135..9182], atpF [complement(11163..11552)], atpF [complement(12441..12599)], trnL-UAA [35478..35512], trnL-UAA [36343..36392], trnV-UAC [complement(39320..39365)], trnV-UAC [complement(39947..39985)], rps12 [109599..109829], rps12 [110378..110407], clpP [complement(53052..53304)], clpP [complement(53949..54239)], clpP [complement(55184..55254)], rpl16 [complement(60753..61151)], rpl16 [complement(62482..62490)], rpl2 [complement(64464..64895)], rpl2 [complement(65569..65958)], trnI-GAU [82275..82316], trnI-GAU [83249..83283], trnA-UGC [83348..83385], trnA-UGC [84188..84222], trnA-UGC [complement(103842..103876)], trnA-UGC [complement(104679..104716)], trnI-GAU [complement(104781..104815)],	trnK-UUU [complement(986..3830)], rps16 [complement(4573..5446)], trnG-UCC [8434..9134], atpF [complement(11553..12440)], trnL-UAA [35513..36342], trnV-UAC [complement(39366..39946)], clpP [complement(53305..53948)], clpP [complement(54240..55183)], rpl16 [complement(61152..62481)], rpl2 [complement(64896..65568)], trnI-GAU [82317..83248], trnA-UGC [83386..84187], trnA-UGC [complement(103877..104678)], trnI-GAU [complement(104816..105747)], rpl2 [122496..123168]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(105748..105789)], rpl2 [122106..122495], rpl2 [123169..123600]	
843.	COBN	30	rps12 [complement(98434..98676)], rps12 [complement(69879..69992)], trnK-UUU [complement(1614..1643)], trnK-UUU [complement(4193..4229)], ycf3 [complement(43231..43460)], rps12 [138990..139232], ndhA [117741..118279], trnA-UGC [complement(134142..134179)]	trnK-UUU [complement(1644..4192)], rps16 [complement(5274..6150)], rpoC1 [16428..17187], atpF [26899..27607], trnG-UCC [complement(30098..30834)], ycf3 [complement(42483..43230)], ycf3 [complement(43461..44161)], trnL-UAA [47264..47705], trnV-UAC [complement(51348..51919)], clpP [complement(70432..71055)], clpP [complement(71347..72163)], petB [75319..76112], petD [76951..77726], rpl2 [complement(85203..85870)], ndhB [complement(95612..96286)], trnI-GAU [102613..103387], trnA-UGC [103525..104344], ndhA [116643..117740], trnA-UGC [complement(133322..134141)], trnI-GAU [complement(134279..135053)], ndhB [141380..142054], rpl2 [151794..152464]
844.	COBO	67	trnK [complement(1684..1718)], trnK [complement(4309..4345)], rps16 [complement(4984..5210)], rps16 [complement(6081..6120)], trnG [8531..8553], trnG [9275..9323], atpF [complement(11420..11829)], atpF [complement(12569..12713)], rpoC1 [complement(20178..21788)], rpoC1 [complement(22566..22997)], ycf3 [complement(42161..42313)], ycf3 [complement(43111..43338)], ycf3 [complement(44052..44177)], trnL [46647..46681], trnL [47004..47053], trnV; trnA [complement(50597..50631)], trnV; trnA [complement(51235..51273)], clpP [complement(69258..69485)], clpP [complement(70077..70368)], clpP [complement(71273..71343)], petB [74302..74307], petB [75102..75743], petD [75940..75947], petD [76664..77138], rpl16 [complement(80655..81053)], rpl16	trnK [complement(1719..4308)], rps16 [complement(5211..6080)], trnG [8554..9274], atpF [complement(11830..12568)], rpoC1 [complement(21789..22565)], ycf3 [complement(42314..43110)], ycf3 [complement(43339..44051)], trnL [46682..47003], trnV; trnA [complement(50632..51234)], clpP [complement(69486..70076)], clpP [complement(70369..71272)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82127..82135)], rpl2 [complement(83828..84262)], rpl2 [complement(84936..85325)], ndhB [complement(94413..95174)], ndhB [complement(95860..96636)], trnI [102184..102220], trnI [103175..103209], trnA; trnV [103274..103311], trnA; trnV [104112..104146], ndhA [complement(119842..120371)], ndhA [complement(121480..122032)], trnA; trnV [complement(134114..134148)], trnA; trnV [complement(134949..134986)], trnI [complement(135051..135085)], trnI [complement(136040..136076)], ndhB [141624..142400], ndhB [143086..143847], rpl2 [152935..153324], rpl2 [153998..154432]	[74308..75101], petD [75948..76663], rpl16 [complement(81054..82126)], rpl2 [complement(84263..84935)], ndhB [complement(95175..95859)], trnI [102221..103174], trnA; trnV [103312..104111], ndhA [complement(120372..121479)], trnA; trnV [complement(134149..134948)], trnI [complement(135086..136039)], ndhB [142401..143085], rpl2 [153325..153997]
845.	COBU	63	rps12 [complement(96920..96945)], rps12 [complement(97493..97721)], rps12 [complement(67796..67909)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(4236..4272)], rps16 [complement(4759..5002)], rps16 [complement(5857..5897)], trnG-UCC [8884..8906], trnG-UCC [9607..9654], atpF [complement(11643..12052)], atpF [complement(12947..13091)], rpoC1 [complement(20379..21990)], rpoC1 [complement(22769..23196)], ycf3 [complement(41451..41605)], ycf3 [complement(42345..42572)], ycf3 [complement(43289..43412)], trnL-UAA [45570..45604], trnL-UAA [46487..46539], trnV-UAC [complement(49553..49598)], trnV-UAC [complement(50171..50209)], rps12 [133774..134002], rps12 [134550..134575], clpP [complement(68043..68294)], clpP [complement(68962..69253)], clpP [complement(69895..69965)], petB [73555..73560], petB [74269..74916], petD [75081..75088], petD [75928..76402], rpl16 [complement(79966..80364)], rpl16 [complement(81522..81530)], rpl2 [complement(83540..83971)], rpl2 [complement(84645..85034)], trnI-GAU [101702..101743], trnI-GAU [102685..102719], trnA-UGC [102784..102821], trnA-UGC [103622..103656], trnA-UGC [complement(127839..127873)], trnA-UGC [complement(128674..128711)], trnI-GAU [complement(128776..128810)], trnI-GAU [complement(129752..129793)], rpl2 [146461..146850], rpl2 [147524..147955]	trnK-UUU [complement(1408..4235)], rps16 [complement(5003..5856)], trnG-UCC [8907..9606], atpF [complement(12053..12946)], rpoC1 [complement(21991..22768)], ycf3 [complement(41606..42344)], ycf3 [complement(42573..43288)], trnL-UAA [45605..46486], trnV-UAC [complement(49599..50170)], clpP [complement(68295..68961)], clpP [complement(69254..69894)], petB [73561..74268], petD [75089..75927], rpl16 [complement(80365..81521)], rpl2 [complement(83972..84644)], trnI-GAU [101744..102684], trnA-UGC [102822..103621], trnA-UGC [complement(127874..128673)], trnI-GAU [complement(128811..129751)], rpl2 [146851..147523]
846.	COCA	69	rps12 [complement(98331..98356)], rps12 [complement(98883..99114)],	trnK-UUU [complement(1654..4109)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(70512..70625)], trnK-UUU [complement(1619..1653)], trnK-UUU [complement(4110..4146)], rps16 [complement(5010..5236)], rps16 [complement(6069..6108)], trnG-GCC [9385..9407], trnG-GCC [10100..10136], atpF [complement(12085..12495)], atpF [complement(13189..13350)], rpoC1 [complement(21183..22802)], rpoC1 [complement(23552..23983)], ycf3 [complement(43106..43258)], ycf3 [complement(44007..44234)], ycf3 [complement(44935..45060)], trnL-UAA [47681..47717], trnL-UAA [48214..48263], trnV-UAC [complement(52090..52126)], trnV-UAC [complement(52721..52758)], rps12 [140488..140719], rps12 [141246..141271], clpP [complement(70771..70998)], clpP [complement(71629..71919)], clpP [complement(72716..72784)], petB [75723..75728], petB [76494..77135], rpl16 [complement(81970..82368)], rpl16 [complement(83347..83355)], rpl2 [complement(85003..85437)], rpl2 [complement(86091..86486)], ndhB [complement(95292..96047)], ndhB [complement(96647..97516)], trnI-GAU [102810..102851], trnI-GAU [103788..103822], trnA-UGC [103886..103923], trnA-UGC [104735..104769], ndhA [complement(120243..120782)], ndhA [complement(121888..122439)], trnA-UGC [complement(134833..134867)], trnA-UGC [complement(135679..135716)], trnI-GAU [complement(135780..135814)], trnI-GAU [complement(136751..136792)], ndhB [142086..142955], ndhB [143555..144310], rpl2 [153116..153511], rpl2 [154168..154599]</p>	<p>[complement(5237..6068)], trnG-GCC [9408..10099], atpF [complement(12496..13188)], rpoC1 [complement(22803..23551)], ycf3 [complement(43259..44006)], ycf3 [complement(44235..44934)], trnL-UAA [47718..48213], trnV-UAC [complement(52127..52720)], clpP [complement(70999..71628)], clpP [complement(71920..72715)], petB [75729..76493], rpl16 [complement(82369..83346)], rpl2 [complement(85438..86090)], ndhB [complement(96048..96646)], trnI-GAU [102852..103787], trnA-UGC [103924..104734], ndhA [complement(120783..121887)], trnA-UGC [complement(134868..135678)], trnI-GAU [complement(135815..136750)], ndhB [142956..143554], rpl2 [153512..154167]</p>
847.	COCD	72	<p>rps12 [complement(99886..99911)], rps12 [complement(100447..100678)], rps12 [complement(72004..72117)], trnK-UUU [complement(1744..1778)], trnK-UUU [complement(4269..4305)], rps16 [complement(5077..5286)], rps16 [complement(6170..6208)], trnG-UCC [9274..9296], trnG-UCC [9974..10021], atpF [complement(11901..12308)], atpF [complement(12997..13155)], rpoC1 [complement(21107..22738)], rpoC1 [complement(23477..23911)], ycf3 [complement(43625..43777)], ycf3 [complement(44538..44765)], ycf3 [complement(45496..45621)], trnL-UAA [48717..48751], trnL-UAA [49266..49315], trnV-UAC [complement(53167..53203)], trnV-UAC [complement(53778..53816)], rps12 [142931..143162], rps12 [143698..143723], clpP [complement(72261..72488)], clpP</p>	<p>trnK-UUU [complement(1779..4268)], rps16 [complement(5287..6169)], trnG-UCC [9297..9973], atpF [complement(12309..12996)], rpoC1 [complement(22739..23476)], ycf3 [complement(43778..44537)], ycf3 [complement(44766..45495)], trnL-UAA [48752..49265], trnV-UAC [complement(53204..53777)], clpP [complement(72489..73165)], clpP [complement(73457..74217)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73166..73456)], clpP [complement(74218..74286)], petB [77199..77204], petB [77908..78549], petD [78743..78750], petD [79496..79970], rpl16 [complement(83437..83838)], rpl16 [complement(84845..84853)], rpl2 [complement(86483..86917)], rpl2 [complement(87580..87972)], ndhB [complement(96828..97583)], ndhB [complement(98265..99041)], trnI-GAU [104599..104640], trnI-GAU [105584..105618], trnA-UGC [105683..105720], trnA-UGC [106529..106563], ndhA [complement(122549..123088)], ndhA [complement(124281..124832)], trnA-UGC [complement(137046..137080)], trnA-UGC [complement(137889..137926)], trnI-GAU [complement(137991..138025)], trnI-GAU [complement(138969..139010)], ndhB [144568..145344], ndhB [146026..146781], rpl2 [155637..156026], rpl2 [156692..157126]	[77205..77907], petD [78751..79495], rpl16 [complement(83839..84844)], rpl2 [complement(86918..87579)], ndhB [complement(97584..98264)], trnI-GAU [104641..105583], trnA-UGC [105721..106528], ndhA [complement(123089..124280)], trnA-UGC [complement(137081..137888)], trnI-GAU [complement(138026..138968)], ndhB [145345..146025], rpl2 [156027..156691]
848.	COCE	43	trnK-UUU [complement(1319..1353)], trnK-UUU [complement(3797..3833)], trnG-UCC [9686..9719], trnG-UCC [10409..10456], trnL-UAA [50052..50088], trnL-UAA [50608..50657], trnV-UAC [complement(54652..54688)], trnV-UAC [complement(55263..55301)], rps12 [145190..145215], rps12 [complement(101456..101481)], clpP [complement(74353..74643)], clpP [complement(75453..75521)], trnI-GAU [106176..106217], trnI-GAU [107157..107186], trnA-UGC [107251..107288], trnA-UGC [108131..108165], trnA-UGC [complement(138506..138540)], trnA-UGC [complement(139383..139420)], trnI-GAU [complement(139485..139514)], trnI-GAU [complement(140454..140495)]	trnK-UUU [complement(1354..3796)], rps16 [complement(4928..5769)], trnG-UCC [9720..10408], atpF [complement(12836..13547)], rpoC1 [complement(23420..24150)], ycf3 [complement(45578..46323)], ycf3 [complement(46552..47290)], trnL-UAA [50089..50607], trnV-UAC [complement(54689..55262)], clpP [complement(73722..74352)], clpP [complement(74644..75452)], petB [78401..79144], petD [79998..80687], rpl16 [complement(84999..85988)], rpl2 [complement(88220..88872)], ndhB [complement(99162..99843)], trnI-GAU [106218..107156], trnA-UGC [107289..108130], ndhA [complement(124657..125725)], trnA-UGC [complement(138541..139382)], trnI-GAU [complement(139515..140453)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[146828..147509], rpl2 [157799..158451]
849.	COCH	29	rps12 [complement(102043..102071)], rps12 [complement(102609..102840)], rps12 [complement(74035..74148)], rpl22 [159753..159915], rpl22 [1..5], rpoC1 [complement(22896..24512)], rpoC1 [complement(25335..25790)], ycf3 [complement(46529..46681)], ycf3 [complement(47457..47686)], ycf3 [complement(48395..48521)], rps12 [complement(74035..74148)], rps12 [145192..145422], rps12 [145960..145989], rpl2 [complement(88693..89162)], rpl2 [complement(89812..90205)], ndhA [complement(124613..125151)], ndhA [complement(126339..126894)], ndhB [146832..147608], ndhB [148295..149056], rpl2 [157827..158217], rpl2 [158870..159339]	rpl22 [159916..0], rpoC1 [complement(24513..25334)], ycf3 [complement(46682..47456)], ycf3 [complement(47687..48394)], rpl2 [complement(89163..89811)], ndhA [complement(125152..126338)], ndhB [147609..148294], rpl2 [158218..158869]
850.	COCI	64	trnK-UUU [complement(1595..1629)], trnK-UUU [complement(4133..4169)], rps16 [complement(4786..5015)], rps16 [complement(5912..5951)], trnG-UCC [8711..8733], trnG-UCC [9455..9502], atpF [complement(11426..11835)], atpF [complement(12544..12688)], rpoC1 [complement(20730..22333)], rpoC1 [complement(23105..23534)], ycf3 [complement(43273..43425)], ycf3 [complement(44180..44409)], ycf3 [complement(45125..45248)], trnL-UAA [48276..48310], trnL-UAA [48819..48868], trnV-UAC [complement(52716..52750)], trnV-UAC [complement(53341..53379)], clpP [complement(70411..70656)], clpP [complement(71283..71571)], clpP [complement(72367..72437)], petB [75320..75325], petB [76085..76726], rpl2 [complement(84742..85211)], rpl2 [complement(85835..86240)], ndhB [complement(95346..96101)], ndhB [complement(96806..97582)], trnI-GAU [103161..103197], trnI-GAU [104143..104177], trnA-UGC [104237..104274], trnA-UGC [105075..105109], ycf1 [109921..110691], ycf1 [110722..111336], ndhA [complement(120583..121121)], ndhA [complement(121880..122432)], trnA-UGC [complement(134927..134961)], trnA-UGC [complement(135762..135799)], trnI-GAU [complement(135859..135893)], trnI-GAU [complement(136839..136875)], ndhB [142454..143230], ndhB [143935..144690], rpl2 [153796..154198], rpl2 [154825..155294]	trnK-UUU [complement(1630..4132)], rps16 [complement(5016..5911)], trnG-UCC [8734..9454], atpF [complement(11836..12543)], rpoC1 [complement(22334..23104)], ycf3 [complement(43426..44179)], ycf3 [complement(44410..45124)], trnL-UAA [48311..48818], trnV-UAC [complement(52751..53340)], clpP [complement(70657..71282)], clpP [complement(71572..72366)], petB [75326..76084], rpl2 [complement(85212..85834)], ndhB [complement(96102..96805)], trnI-GAU [103198..104142], trnA-UGC [104275..105074], ycf1 [110692..110721], ndhA [complement(121122..121879)], trnA-UGC [complement(134962..135761)], trnI-GAU [complement(135894..136838)], ndhB [143231..143934], rpl2 [154199..154824]
851.	COCN	73	rps12 [complement(101353..101378)], rps12 [complement(101915..102146)], rps12 [complement(73262..73375)], trnK-UUU [complement(1728..1762)],	trnK-UUU [complement(1763..4267)], rps16 [complement(5298..6176)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4268..4304)], rps16 [complement(5077..5297)], rps16 [complement(6177..6216)], trnG-UCC [9943..9965], trnG-UCC [10644..10691], atpF [complement(12639..13048)], atpF [complement(13744..13888)], rpoC1 [complement(21904..23520)], rpoC1 [complement(24301..24753)], ycf3 [complement(44743..44895)], ycf3 [complement(45643..45872)], ycf3 [complement(46606..46729)], trnL-UAA [49897..49931], trnL-UAA [50453..50503], trnV-UAC [complement(54400..54434)], trnV-UAC [complement(55017..55055)], rps12 [complement(73262..73375)], rps12 [144379..144610], rps12 [145147..145172], clpP [complement(73521..73748)], clpP [complement(74406..74697)], clpP [complement(75499..75569)], petB [78476..78481], petB [79245..79886], petD [80080..80087], petD [80875..81349], rpl16 [complement(84812..85219)], rpl16 [complement(86238..86246)], rpl2 [complement(87916..88349)], rpl2 [complement(89015..89405)], ndhB [complement(98297..99052)], ndhB [complement(99732..100508)], trnI-GAU [106110..106146], trnI-GAU [107094..107128], trnA-UGC [107193..107230], trnA-UGC [108038..108072], ndhA [complement(124001..124539)], ndhA [complement(125636..126188)], trnA-UGC [complement(138453..138487)], trnA-UGC [complement(139295..139332)], trnI-GAU [complement(139397..139431)], trnI-GAU [complement(140379..140415)], ndhB [146017..146793], ndhB [147473..148228], rpl2 [157120..157510], rpl2 [158176..158609]	[9966..10643], atpF [complement(13049..13743)], rpoC1 [complement(23521..24300)], ycf3 [complement(44896..45642)], ycf3 [complement(45873..46605)], trnL-UAA [49932..50452], trnV-UAC [complement(54435..55016)], clpP [complement(73749..74405)], clpP [complement(74698..75498)], petB [78482..79244], petD [80088..80874], rpl16 [complement(85220..86237)], rpl2 [complement(88350..89014)], ndhB [complement(99053..99731)], trnI-GAU [106147..107093], trnA-UGC [107231..108037], ndhA [complement(124540..125635)], trnA-UGC [complement(138488..139294)], trnI-GAU [complement(139432..140378)], ndhB [146794..147472], rpl2 [157511..158175]
852.	COCO	73	rps12 [complement(100013..100038)], rps12 [complement(100580..100808)], rps12 [complement(71201..71314)], trnK-UUU [complement(1433..1467)], trnK-UUU [complement(4098..4134)], rps16 [complement(4870..5090)], rps16 [complement(5970..6009)], trnG-UCC [9103..9125], trnG-UCC [9813..9860], atpF [complement(11804..12214)], atpF [complement(13012..13158)], rpoC1 [complement(21081..22701)], rpoC1 [complement(23445..23872)], ycf3 [complement(43058..43218)], ycf3 [complement(43955..44182)], ycf3 [complement(44904..45027)], trnL-UAA [48008..48042], trnL-UAA [48561..48610], trnV-UAC [complement(53300..53336)], trnV-UAC [complement(53929..53967)], rps12 [complement(71201..71314)], rps12	trnK-UUU [complement(1468..4097)], rps16 [complement(5091..5969)], trnG-UCC [9126..9812], atpF [complement(12215..13011)], rpoC1 [complement(22702..23444)], ycf3 [complement(43219..43954)], ycf3 [complement(44183..44903)], trnL-UAA [48043..48560], trnV-UAC [complement(53337..53928)], clpP [complement(71703..72351)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142683..142911], rps12 [143453..143478], clpP [complement(71451..71702)], clpP [complement(72352..72643)], clpP [complement(73460..73530)], petB [76450..76455], petB [77239..77886], petD [78080..78087], petD [78820..79333], rpl16 [complement(82798..83196)], rpl16 [complement(84315..84323)], rpl2 [complement(86274..86705)], rpl2 [complement(87368..87757)], ndhB [complement(96939..97694)], ndhB [complement(98399..99175)], trnI-GAU [104781..104822], trnI-GAU [105760..105794], trnA-UGC [105859..105896], trnA-UGC [106698..106732], ndhA [complement(122242..122780)], ndhA [complement(123837..124389)], trnA-UGC [complement(136759..136793)], trnA-UGC [complement(137595..137632)], trnI-GAU [complement(137697..137731)], trnI-GAU [complement(138669..138710)], ndhB [144316..145092], ndhB [145797..146552], rpl2 [155734..156126], rpl2 [156786..157217]	[complement(72644..73459)], petB [76456..77238], petD [78088..78819], rpl16 [complement(83197..84314)], rpl2 [complement(86706..87367)], ndhB [complement(97695..98398)], trnI-GAU [104823..105759], trnA-UGC [105897..106697], ndhA [complement(122781..123836)], trnA-UGC [complement(136794..137594)], trnI-GAU [complement(137732..138668)], ndhB [145093..145796], rpl2 [156127..156785]
853.	COCP	73	rps12 [complement(102967..102992)], rps12 [complement(103541..103772)], rps12 [complement(73593..73706)], trnK-UUU [complement(1788..1822)], trnK-UUU [complement(4342..4378)], rps16 [complement(5274..5500)], rps16 [complement(6380..6419)], trnG-GCC [8993..9015], trnG-GCC [9751..9787], atpF [complement(11786..12196)], atpF [complement(13057..13200)], rpoC1 [complement(21426..23051)], rpoC1 [complement(23834..24265)], ycf3 [complement(44068..44220)], ycf3 [complement(45003..45230)], ycf3 [complement(45986..46111)], trnL-UAA [49438..49474], trnL-UAA [50020..50069], trnV-UAC [complement(54336..54372)], trnV-UAC [complement(54958..54995)], rps12 [complement(73593..73706)], rps12 [145932..146163], rps12 [146712..146737], clpP [complement(73890..74120)], clpP [complement(74759..75050)], clpP [complement(75912..75982)], petB [78886..78891], petB [79683..80324], petD [80550..80557], petD [81344..81818], rpl16 [complement(85356..85754)], rpl16 [complement(86939..86947)], rpl2 [complement(88677..89110)], rpl2 [complement(89803..90193)], ndhB [complement(99905..100660)], ndhB [complement(101344..102120)], trnI-GAU [107767..107808], trnI-GAU [108761..108795], trnA-UGC [108859..108896], trnA-UGC [109699..109733], ndhA [122380..122931], ndhA [124033..124563], trnA-UGC	trnK-UUU [complement(1823..4341)], rps16 [complement(5501..6379)], trnG-GCC [9016..9750], atpF [complement(12197..13056)], rpoC1 [complement(23052..23833)], ycf3 [complement(44221..45002)], ycf3 [complement(45231..45985)], trnL-UAA [49475..50019], trnV-UAC [complement(54373..54957)], clpP [complement(74121..74758)], clpP [complement(75051..75911)], petB [78892..79682], petD [80558..81343], rpl16 [complement(85755..86938)], rpl2 [complement(89111..89802)], ndhB [complement(100661..101343)], trnI-GAU [107809..108760], trnA-UGC [108897..109698], ndhA [122932..124032], trnA-UGC [complement(140006..140807)], trnI [complement(140944..141895)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(139971..140005)], trnA-UGC [complement(140808..140845)], trnI [complement(140909..140943)], trnI [complement(141896..141937)], ndhB [147584..148360], ndhB [149044..149799], rpl2 [159511..159901], rpl2 [160594..161027]	[148361..149043], rpl2 [159902..160593]
854.	COCR	70	rps12 [complement(103025..103050)], rps12 [complement(103587..103818)], rps12 [complement(73830..73943)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4430..4466)], trnG-GCC [8255..8277], trnG-GCC [9002..9047], atpF [complement(11760..12170)], atpF [complement(12964..13107)], rpoC1 [complement(21324..22934)], rpoC1 [complement(23724..24155)], ycf3 [complement(45018..45170)], ycf3 [complement(45876..46103)], ycf3 [complement(46840..46965)], trnL-UAA [49236..49272], trnL-UAA [49852..49900], trnV-UAC [complement(54040..54076)], trnV-UAC [complement(54684..54722)], rps12 [complement(73830..73943)], rps12 [147005..147236], rps12 [147773..147798], clpP [complement(74108..74333)], clpP [complement(74956..75248)], clpP [complement(76115..76183)], petB [79183..79188], petB [80047..80688], petD [80883..80890], petD [81684..82158], rpl16 [complement(85921..86319)], rpl16 [complement(87395..87403)], rpl2 [complement(89254..89688)], rpl2 [complement(90364..90762)], ndhB [complement(99965..100720)], ndhB [complement(101409..102185)], trnI-GAU [107703..107744], trnI-GAU [108692..108726], trnA-UGC [108791..108828], trnA-UGC [109637..109671], ndhA [complement(126121..126660)], ndhA [complement(127848..128417)], trnA-UGC [complement(141152..141186)], trnA-UGC [complement(141995..142032)], trnI-GAU [complement(142097..142131)], trnI-GAU [complement(143079..143120)], ndhB [148638..149414], ndhB [150103..150858], rpl2 [160061..160459], rpl2 [161135..161569]	trnK-UUU [complement(1865..4429)], trnG-GCC [8278..9001], atpF [complement(12171..12963)], rpoC1 [complement(22935..23723)], ycf3 [complement(45171..45875)], ycf3 [complement(46104..46839)], trnL-UAA [49273..49851], trnV-UAC [complement(54077..54683)], clpP [complement(74334..74955)], clpP [complement(75249..76114)], petB [79189..80046], petD [80891..81683], rpl16 [complement(86320..87394)], rpl2 [complement(89689..90363)], ndhB [complement(100721..101408)], trnI-GAU [107745..108691], trnA-UGC [108829..109636], ndhA [complement(126661..127847)], trnA-UGC [complement(141187..141994)], trnI-GAU [complement(142132..143078)], ndhB [149415..150102], rpl2 [160460..161134]
855.	COCS	73	rps12 [complement(100743..100768)], rps12 [complement(101305..101536)], rps12 [complement(72723..72836)], trnK-UUU [complement(1716..1750)], trnK-UUU [complement(4251..4287)], rps16 [complement(5016..5240)], rps16 [complement(6128..6166)], trnG-UCC [9704..9726], trnG-UCC [10408..10455], atpF [complement(12327..12734)], atpF	trnK-UUU [complement(1751..4250)], rps16 [complement(5241..6127)], trnG-UCC [9727..10407], atpF [complement(12735..13427)], rpoC1 [complement(23048..23786)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13428..13586)], rpoC1 [complement(21422..23047)], rpoC1 [complement(23787..24221)], ycf3 [complement(44230..44382)], ycf3 [complement(45126..45353)], ycf3 [complement(46076..46201)], trnL-UAA [49424..49458], trnL-UAA [49912..49961], trnV-UAC [complement(53892..53928)], trnV-UAC [complement(54501..54539)], rps12 [complement(72723..72836)], rps12 [143935..144166], rps12 [144703..144728], clpP [complement(72975..73202)], clpP [complement(73850..74140)], clpP [complement(74946..75014)], petB [77919..77924], petB [78691..79332], petD [79526..79533], petD [80310..80784], rpl16 [complement(84267..84668)], rpl16 [complement(85712..85720)], rpl2 [complement(87385..87819)], rpl2 [complement(88482..88874)], ndhB [complement(97687..98442)], ndhB [complement(99122..99898)], trnI-GAU [105518..105559], trnI-GAU [106501..106535], trnA-UGC [106600..106637], trnA-UGC [107445..107479], ndhA [complement(123398..123937)], ndhA [complement(125063..125614)], trnA-UGC [complement(137992..138026)], trnA-UGC [complement(138834..138871)], trnI-GAU [complement(138936..138970)], trnI-GAU [complement(139912..139953)], ndhB [145573..146349], ndhB [147029..147784], rpl2 [156597..156986], rpl2 [157652..158086]	[complement(44383..45125)], ycf3 [complement(45354..46075)], trnL-UAA [49459..49911], trnV-UAC [complement(53929..54500)], clpP [complement(73203..73849)], clpP [complement(74141..74945)], petB [77925..78690], petD [79534..80309], rpl16 [complement(84669..85711)], rpl2 [complement(87820..88481)], ndhB [complement(98443..99121)], trnI-GAU [105560..106500], trnA-UGC [106638..107444], ndhA [complement(123938..125062)], trnA-UGC [complement(138027..138833)], trnI-GAU [complement(138971..139911)], ndhB [146350..147028], rpl2 [156987..157651]
856.	CODI	73	rps12 [complement(100250..100275)], rps12 [complement(100812..101043)], rps12 [complement(72293..72406)], trnK-UUU [complement(1729..1763)], trnK-UUU [complement(4258..4294)], rps16 [complement(5050..5259)], rps16 [complement(6139..6177)], trnG-UCC [9798..9820], trnG-UCC [10504..10551], atpF [complement(12430..12837)], atpF [complement(13527..13685)], rpoC1 [complement(21480..23102)], rpoC1 [complement(23853..24287)], ycf3 [complement(44031..44183)], ycf3 [complement(44927..45154)], ycf3 [complement(45884..46009)], trnL-UAA [49085..49119], trnL-UAA [49633..49682], trnV-UAC [complement(53685..53721)], trnV-UAC [complement(54307..54345)], rps12 [complement(72293..72406)], rps12 [143056..143287], rps12 [143824..143849], clpP [complement(72545..72772)], clpP [complement(73426..73716)], clpP [complement(74466..74534)], petB	trnK-UUU [complement(1764..4257)], rps16 [complement(5260..6138)], trnG-UCC [9821..10503], atpF [complement(12838..13526)], rpoC1 [complement(23103..23852)], ycf3 [complement(44184..44926)], ycf3 [complement(45155..45883)], trnL-UAA [49120..49632], trnV-UAC [complement(53722..54306)], clpP [complement(72773..73425)], clpP [complement(73717..74465)], petB [77407..78174], petD [79018..79792], rpl16 [complement(84137..85168)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77401..77406], petB [78175..78816], petD [79010..79017], petD [79793..80267], rpl16 [complement(83735..84136)], rpl16 [complement(85169..85177)], rpl2 [complement(86870..87304)], rpl2 [complement(87967..88359)], ndhB [complement(97204..97959)], ndhB [complement(98639..99415)], trnI-GAU [104938..104979], trnI-GAU [105919..105953], trnA-UGC [106018..106055], trnA-UGC [106863..106897], ndhA [complement(122640..123179)], ndhA [complement(124279..124830)], trnA-UGC [complement(137202..137236)], trnA-UGC [complement(138044..138081)], trnI-GAU [complement(138146..138180)], trnI-GAU [complement(139120..139161)], ndhB [144684..145460], ndhB [146140..146895], rpl2 [155740..156129], rpl2 [156795..157229]	[complement(87305..87966)], ndhB [complement(97960..98638)], trnI-GAU [104980..105918], trnA-UGC [106056..106862], ndhA [complement(123180..124278)], trnA-UGC [complement(137237..138043)], trnI-GAU [complement(138181..139119)], ndhB [145461..146139], rpl2 [156130..156794]
857.	COES	75	rps12 [complement(74919..75032)], trnK-UUU [complement(2015..2056)], trnK-UUU [complement(4598..4634)], rps16 [complement(5393..5589)], rps16 [complement(6578..6617)], trnG-UCC [10922..10945], trnG-UCC [11671..11718], atpF [complement(13672..14072)], atpF [complement(14897..15041)], rpoC1 [complement(22872..24491)], rpoC1 [complement(25242..25694)], ycf3 [complement(45319..45471)], ycf3 [complement(46266..46495)], ycf3 [complement(47234..47357)], trnL-UAA [50920..50956], trnL-UAA [51472..51521], trnV-UAC [complement(55802..55838)], trnV-UAC [complement(56429..56466)], rps12 [148403..148428], clpP [complement(75204..75449)], clpP [complement(76089..76380)], clpP [complement(77181..77251)], petB [80895..80900], petB [80960..81601], petD [81808..81815], petD [82551..83025], rpl16 [complement(86545..86943)], rpl16 [complement(88011..88019)], rpl2 [complement(89718..90148)], rpl2 [complement(90812..91202)], ndhB [complement(100605..101360)], ndhB [complement(102038..102814)], trnI-GAU [108440..108481], trnI-GAU [109424..109458], ycf68 [108581..108622], ycf68 [108654..108956], trnA-UGC [109523..109560], trnA-UGC [110360..110394], ndhA [complement(126523..127061)], ndhA [complement(128111..128663)], trnA-UGC [complement(141701..141735)], trnA-UGC [complement(142535..142572)], trnI-GAU [complement(142637..142671)],	trnK-UUU [complement(2057..4597)], rps16 [complement(5590..6577)], trnG-UCC [10946..11670], atpF [complement(14073..14896)], rpoC1 [complement(24492..25241)], ycf3 [complement(45472..46265)], ycf3 [complement(46496..47233)], trnL-UAA [50957..51471], trnV-UAC [complement(55839..56428)], clpP [complement(75450..76088)], clpP [complement(76381..77180)], petB [80901..80959], petD [81816..82550], rpl16 [complement(86944..88010)], rpl2 [complement(90149..90811)], ndhB [complement(101361..102037)], trnI-GAU [108482..109423], ycf68 [108623..108653], trnA-UGC [109561..110359], ndhA [complement(127062..128110)], trnA-UGC [complement(141736..142534)], trnI-GAU [complement(142672..143613)], ycf68 [complement(143442..143472)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(143614..143655)], ycf68 [complement(143139..143441)], ycf68 [complement(143473..143514)], ndhB [149281..150057], ndhB [150735..151490], rpl2 [160893..161283], rpl2 [161947..162377]	[150058..150734], rpl2 [161284..161946]
858.	COEX	72	trnK [complement(1886..1920)], trnK [complement(4459..4495)], rps16 [complement(5081..5274)], rps16 [complement(6157..6196)], trnG [9699..9721], trnG [10468..10516], atpF [complement(12760..13184)], atpF [complement(13942..14086)], rpoC1 [complement(22265..23881)], rpoC1 [complement(24618..25070)], ycf3 [complement(45825..45977)], ycf3 [complement(46710..46939)], ycf3 [complement(47696..47819)], trnL [51153..51187], trnL [51703..51748], trnV [complement(54950..54984)], trnV [complement(55585..55623)], rps12 [73950..74063], rps12 [145501..145739], rps12 [146268..146304], rps12 [complement(102804..103034)], rps12 [complement(102231..102257)], clpP [complement(74230..74457)], clpP [complement(75077..75368)], clpP [complement(76246..76316)], petB [79127..79132], petB [79910..80551], petD [80744..80751], petD [81509..81983], rpl16 [complement(85479..85877)], rpl16 [complement(86895..86903)], rpl2 [complement(88572..89005)], rpl2 [complement(89670..90060)], ndhB [complement(99170..99925)], ndhB [complement(100608..101384)], trnI [106993..107029], trnI [107981..108015], trnA [108085..108122], trnA [108926..108960], ndhA [complement(124868..125407)], ndhA [complement(126470..127021)], trnA [complement(139575..139609)], trnA [complement(140413..140450)], trnI [complement(140521..140555)], trnI [complement(141507..141543)], ndhB [147151..147927], ndhB [148610..149365], rpl2 [158475..158865], rpl2 [159530..159963]	trnK [complement(1921..4458)], rps16 [complement(5275..6156)], trnG [9722..10467], atpF [complement(13185..13941)], rpoC1 [complement(23882..24617)], ycf3 [complement(45978..46709)], ycf3 [complement(46940..47695)], trnL [51188..51702], trnV [complement(54985..55584)], clpP [complement(74458..75076)], clpP [complement(75369..76245)], petB [79133..79909], petD [80752..81508], rpl16 [complement(85878..86894)], rpl2 [complement(89006..89669)], ndhB [complement(99926..100607)], trnI [107030..107980], trnA [108123..108925], ndhA [complement(125408..126469)], trnA [complement(139610..140412)], trnI [complement(140556..141506)], ndhB [147928..148609], rpl2 [158866..159529]
859.	COEY	73	rps12 [complement(100770..100795)], rps12 [complement(101332..101563)], rps12 [complement(72756..72869)], trnK-UUU [complement(1719..1753)], trnK-UUU [complement(4254..4290)], rps16 [complement(5021..5245)], rps16 [complement(6129..6167)], trnG-UCC [9751..9773], trnG-UCC [10456..10503], atpF [complement(12388..12795)], atpF [complement(13489..13647)], rpoC1 [complement(21474..23099)], rpoC1	trnK-UUU [complement(1754..4253)], rps16 [complement(5246..6128)], trnG-UCC [9774..10455], atpF [complement(12796..13488)], rpoC1 [complement(23100..23838)], ycf3 [complement(44455..45197)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23839..24273)], ycf3 [complement(44302..44454)], ycf3 [complement(45198..45425)], ycf3 [complement(46146..46271)], trnL-UAA [49476..49510], trnL-UAA [49955..50004], trnV-UAC [complement(53916..53952)], trnV-UAC [complement(54533..54571)], rps12 [complement(72756..72869)], rps12 [144094..144325], rps12 [144862..144887], clpP [complement(73008..73235)], clpP [complement(73882..74172)], clpP [complement(74976..75044)], petB [77949..77954], petB [78721..79362], petD [79556..79563], petD [80340..80814], rpl16 [complement(84288..84689)], rpl16 [complement(85726..85734)], rpl2 [complement(87391..87825)], rpl2 [complement(88488..88880)], ndhB [complement(97714..98469)], ndhB [complement(99149..99925)], trnI-GAU [105566..105607], trnI-GAU [106549..106583], trnA-UGC [106648..106685], trnA-UGC [107493..107527], ndhA [complement(123533..124072)], ndhA [complement(125206..125757)], trnA-UGC [complement(138130..138164)], trnA-UGC [complement(138972..139009)], trnI-GAU [complement(139074..139108)], trnI-GAU [complement(140050..140091)], ndhB [145732..146508], ndhB [147188..147943], rpl2 [156777..157166], rpl2 [157832..158266]	[complement(45426..46145)], trnL-UAA [49511..49954], trnV-UAC [complement(53953..54532)], clpP [complement(73236..73881)], clpP [complement(74173..74975)], petB [77955..78720], petD [79564..80339], rpl16 [complement(84690..85725)], rpl2 [complement(87826..88487)], ndhB [complement(98470..99148)], trnI-GAU [105608..106548], trnA-UGC [106686..107492], ndhA [complement(124073..125205)], trnA-UGC [complement(138165..138971)], trnI-GAU [complement(139109..140049)], ndhB [146509..147187], rpl2 [157167..157831]
860.	COFA	29	rps12 [complement(102241..102269)], rps12 [complement(102807..103038)], rps12 [complement(74239..74352)], rpl22 [159694..159856], rpl22 [1..5], rpoC1 [complement(22991..24607)], rpoC1 [complement(25430..25885)], ycf3 [complement(46737..46889)], ycf3 [complement(47665..47894)], ycf3 [complement(48603..48729)], rps12 [complement(74239..74352)], rps12 [145133..145363], rps12 [145901..145930], rpl2 [complement(88891..89360)], rpl2 [complement(90010..90403)], ndhA [complement(124554..125092)], ndhA [complement(126280..126835)], ndhB [146773..147549], ndhB [148236..148997], rpl2 [157768..158158], rpl2 [158811..159280]	rpl22 [159857..0], rpoC1 [complement(24608..25429)], ycf3 [complement(46890..47664)], ycf3 [complement(47895..48602)], rpl2 [complement(89361..90009)], ndhA [complement(125093..126279)], ndhB [147550..148235], rpl2 [158159..158810]
861.	COFE	66	rps16 [complement(5588..5799)], rps16 [complement(6682..6721)], trnG-UCC [10486..10509], trnG-UCC [11229..11276], atpF [complement(13499..13909)], atpF [complement(14659..14802)], rpoC1 [complement(23036..24652)], rpoC1 [complement(25475..25930)], ycf3 [complement(46802..46954)], ycf3 [complement(47730..47959)], ycf3	rps16 [complement(5800..6681)], trnG-UCC [10510..11228], atpF [complement(13910..14658)], rpoC1 [complement(24653..25474)], ycf3 [complement(46955..47729)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(48668..48794)], trnL-UAA [51426..51462], trnL-UAA [51994..52043], trnV-UAC [complement(55616..55652)], trnV-UAC [complement(56293..56330)], rps12 [complement(74308..74421)], rps12 [145675..145905], rps12 [146443..146472], clpP [complement(74560..74787)], clpP [complement(75401..75692)], clpP [complement(76499..76569)], petB [79523..79528], petB [80322..80963], petD [81173..81180], petD [81795..82275], rpl16 [complement(85753..86151)], rpl16 [complement(87240..87248)], rpl2 [complement(88971..89440)], rpl2 [complement(90090..90483)], ndhB [complement(99254..100015)], ndhB [complement(100702..101478)], trnI-GAU [106901..106942], trnI-GAU [107894..107928], trnA-UGC [107993..108030], trnA-UGC [108833..108874], ndhA [complement(125104..125642)], ndhA [complement(126830..127385)], trnA-UGC [complement(139919..139960)], trnA-UGC [complement(140865..140899)], trnI-GAU [complement(141851..141892)], ndhB [147315..148091], ndhB [148778..149539], rpl2 [158310..158700], rpl2 [159353..159822]	[complement(47960..48667)], trnL-UAA [51463..51993], trnV-UAC [complement(55653..56292)], clpP [complement(74788..75400)], clpP [complement(75693..76498)], petB [79529..80321], petD [81181..81794], rpl16 [complement(86152..87239)], rpl2 [complement(89441..90089)], ndhB [complement(100016..100701)], trnI-GAU [106943..107893], trnA-UGC [108031..108832], ndhA [complement(125643..126829)], trnA-UGC [complement(139961..140864)], trnI-GAU [complement(140900..141850)], ndhB [148092..148777], rpl2 [158701..159352]
862.	COFL	73	rps12 [complement(100279..100304)], rps12 [complement(100841..101072)], rps12 [complement(72230..72343)], trnK-UUU [complement(1701..1735)], trnK-UUU [complement(4224..4260)], rps16 [complement(5022..5231)], rps16 [complement(6119..6157)], trnG-UCC [9790..9812], trnG-UCC [10495..10542], atpF [complement(12423..12830)], atpF [complement(13526..13684)], rpoC1 [complement(21462..23084)], rpoC1 [complement(23831..24265)], ycf3 [complement(44027..44179)], ycf3 [complement(44923..45150)], ycf3 [complement(45874..45999)], trnL-UAA [49087..49121], trnL-UAA [49635..49684], trnV-UAC [complement(53641..53677)], trnV-UAC [complement(54263..54301)], rps12 [complement(72230..72343)], rps12 [143234..143465], rps12 [144002..144027], clpP [complement(72482..72709)], clpP [complement(73386..73676)], clpP [complement(74476..74544)], petB [77428..77433], petB [78196..78837], petD [79031..79038], petD [79806..80280], rpl16 [complement(83739..84140)], rpl16 [complement(85167..85175)], rpl2 [complement(86870..87304)], rpl2	trnK-UUU [complement(1736..4223)], rps16 [complement(5232..6118)], trnG-UCC [9813..10494], atpF [complement(12831..13525)], rpoC1 [complement(23085..23830)], ycf3 [complement(44180..44922)], ycf3 [complement(45151..45873)], trnL-UAA [49122..49634], trnV-UAC [complement(53678..54262)], clpP [complement(72710..73385)], clpP [complement(73677..74475)], petB [77434..78195], petD [79039..79805], rpl16 [complement(84141..85166)], rpl2 [complement(87305..87966)], ndhB [complement(97989..98667)], trnI-GAU [105037..105975], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87967..88359)], ndhB [complement(97233..97988)], ndhB [complement(98668..99444)], trnI-GAU [104995..105036], trnI-GAU [105976..106010], trnA-UGC [106075..106112], trnA-UGC [106920..106954], ndhA [complement(122748..123287)], ndhA [complement(124416..124967)], trnA-UGC [complement(137352..137386)], trnA-UGC [complement(138194..138231)], trnI-GAU [complement(138296..138330)], trnI-GAU [complement(139270..139311)], ndhB [144862..145638], ndhB [146318..147073], rpl2 [155947..156336], rpl2 [157002..157436]	[106113..106919], ndhA [complement(123288..124415)], trnA-UGC [complement(137387..138193)], trnI-GAU [complement(138331..139269)], ndhB [145639..146317], rpl2 [156337..157001]
863.	COFO	48	rps12 [complement(102776..103018)], rps12 [complement(73794..73907)], rpl22 [160055..160249], rpl22 [1..9], trnK-UUU [complement(1881..1917)], trnK-UUU [complement(4425..4461)], ycf3 [complement(45297..45449)], trnL-UAA [50618..50654], trnL-UAA [51181..51230], trnV-UAC [complement(54763..54799)], trnV-UAC [complement(55385..55423)], rps12 [145155..145397], petB [79762..80409], trnI-GAU [106923..106964], trnI-GAU [107922..107956], trnA-UGC [108021..108058], trnA-UGC [108862..108896], ndhD [complement(121915..122154)], trnA-UGC [complement(139277..139311)], trnA-UGC [complement(140115..140152)], trnI-GAU [complement(140217..140251)], trnI-GAU [complement(141209..141250)], ndhB [148256..149011], rpl2 [159227..159661]	rpl22 [160250..0], trnK-UUU [complement(1918..4424)], rps16 [complement(5749..6612)], atpF [complement(13685..14402)], rpoC1 [complement(24332..25122)], ycf3 [complement(45450..46214)], ycf3 [complement(46443..47158)], trnL-UAA [50655..51180], trnV-UAC [complement(54800..55384)], clpP [complement(74295..74950)], clpP [complement(75218..76079)], petB [79013..79761], rpl16 [complement(85802..86887)], rpl2 [complement(88947..89608)], ndhB [complement(99918..100598)], trnI-GAU [106965..107921], trnA-UGC [108059..108861], ndhD [complement(121119..121459)], ndhD [complement(121727..121914)], ndhA [complement(125395..126498)], trnA-UGC [complement(139312..140114)], trnI-GAU [complement(140252..141208)], ndhB [147575..148255], rpl2 [158565..159226]
864.	COGA	8	rps12 [complement(72056..72169)], rpoC1 [complement(21833..23444)],	rps16 [complement(5154..6006)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpoC1 [complement(24132..24562)], rps12 [143327..143352], rpl16 [complement(83634..84032)]	[complement(23445..24131)], ycf3 [complement(45633..46379)]
865.	COGI	70	rps12 [complement(103096..103121)], rps12 [complement(103658..103889)], rps12 [complement(73902..74015)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4430..4466)], trnG-GCC [8302..8324], trnG-GCC [9049..9094], atpF [complement(11795..12205)], atpF [complement(12998..13141)], rpoC1 [complement(21357..22967)], rpoC1 [complement(23757..24188)], ycf3 [complement(45087..45239)], ycf3 [complement(45944..46171)], ycf3 [complement(46908..47033)], trnL-UAA [49304..49340], trnL-UAA [49920..49968], trnV-UAC [complement(54076..54112)], trnV-UAC [complement(54720..54758)], rps12 [complement(73902..74015)], rps12 [147243..147474], rps12 [148011..148036], clpP [complement(74199..74424)], clpP [complement(75046..75338)], clpP [complement(76205..76273)], petB [79255..79260], petB [80118..80759], petD [80954..80961], petD [81755..82229], rpl16 [complement(85992..86390)], rpl16 [complement(87466..87474)], rpl2 [complement(89325..89759)], rpl2 [complement(90435..90833)], ndhB [complement(100036..100791)], ndhB [complement(101480..102256)], trnI-GAU [107886..107927], trnI-GAU [108875..108909], trnA-UGC [108974..109011], trnA-UGC [109820..109854], ndhA [complement(126291..126830)], ndhA [complement(128017..128586)], trnA-UGC [complement(141278..141312)], trnA-UGC [complement(142121..142158)], trnI-GAU [complement(142223..142257)], trnI-GAU [complement(143205..143246)], ndhB [148876..149652], ndhB [150341..151096], rpl2 [160299..160697], rpl2 [161373..161807]	trnK-UUU [complement(1865..4429)], trnG-GCC [8325..9048], atpF [complement(12206..12997)], rpoC1 [complement(22968..23756)], ycf3 [complement(45240..45943)], ycf3 [complement(46172..46907)], trnL-UAA [49341..49919], trnV-UAC [complement(54113..54719)], clpP [complement(74425..75045)], clpP [complement(75339..76204)], petB [79261..80117], petD [80962..81754], rpl16 [complement(86391..87465)], rpl2 [complement(89760..90434)], ndhB [complement(100792..101479)], trnI-GAU [107928..108874], trnA-UGC [109012..109819], ndhA [complement(126831..128016)], trnA-UGC [complement(141313..142120)], trnI-GAU [complement(142258..143204)], ndhB [149653..150340], rpl2 [160698..161372]
866.	COGL	51	rps12 [complement(102744..102986)], rps12 [complement(73680..73793)], rpl22 [160075..160268], rpl22 [1..13], trnK-UUU [complement(1896..1932)], trnK-UUU [complement(4440..4476)], ycf3 [complement(45346..45498)], trnL-UAA [50512..50548], trnL-UAA [51067..51116], trnV-UAC [complement(54648..54684)], trnV-UAC [complement(55273..55311)], rps12 [145169..145411], clpP [complement(73953..74180)], rpl2 [complement(88475..88909)], ndhB [complement(99117..99884)], trnI-GAU	rpl22 [160269..0], trnK-UUU [complement(1933..4439)], rps16 [complement(5836..6706)], atpF [complement(13742..14460)], rpoC1 [complement(24314..25104)], ycf3 [complement(45499..46266)], ycf3 [complement(46495..47213)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[106901..106942], trnI-GAU [107899..107933], trnA-UGC [107998..108035], trnA-UGC [108841..108875], ndhD [complement(121886..122125)], ndhA [complement(124831..125372)], trnA-UGC [complement(139280..139314)], trnA-UGC [complement(140120..140157)], trnI-GAU [complement(140222..140256)], trnI-GAU [complement(141213..141254)], ndhB [148271..149038], rpl2 [159246..159680]	[50549..51066], trnV-UAC [complement(54685..55272)], clpP [complement(74181..74843)], clpP [complement(75111..75983)], petB [78966..79718], rpl16 [complement(85758..86845)], rpl2 [complement(88910..89571)], ndhB [complement(99885..100565)], trnI-GAU [106943..107898], trnA-UGC [108036..108840], ndhD [complement(121090..121430)], ndhD [complement(121698..121885)], ndhA [complement(125373..126481)], trnA-UGC [complement(139315..140119)], trnI-GAU [complement(140257..141212)], ndhB [147590..148270], rpl2 [158584..159245]
867.	COGR	56	rps12 [complement(102951..102976)], rps12 [complement(103513..103744)], rps12 [complement(73758..73871)], trnK-UUU [complement(1834..1868)], trnK-UUU [complement(4434..4470)], trnG-GCC [8269..8291], trnG-GCC [9016..9061], atpF [complement(11707..12117)], atpF [complement(12909..13052)], rpoC1 [complement(21242..22852)], rpoC1 [complement(23642..24073)], ycf3 [complement(44904..45056)], ycf3 [complement(45760..45987)], ycf3 [complement(46724..46849)], trnL-UAA [49127..49163], trnL-UAA [49745..49793], trnV-UAC [complement(53926..53962)], trnV-UAC [complement(54570..54608)], rps12 [complement(73758..73871)], rps12 [147208..147439], rps12 [147976..148001], clpP [complement(74043..74268)], clpP [complement(74891..75183)], clpP [complement(76050..76118)], petB [79114..79119], petB [79957..80598], petD [80793..80800], petD [81615..82089], rpl16 [complement(85847..86245)], rpl16 [complement(87318..87326)], rpl2 [complement(89180..89614)], rpl2 [complement(90290..90688)], ndhB [complement(99891..100646)], ndhB	trnG-GCC [8292..9015], trnL-UAA [49164..49744], trnV-UAC [complement(53963..54569)], clpP [complement(74269..74890)], clpP [complement(75184..76049)], trnI-GAU [107783..108729], trnI-GAU [complement(142223..143169)], rpl2 [160663..161337]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(101335..102111)], trnI-GAU [107741..107782], trnI-GAU [108730..108764], trnA-UGC [108829..108866], trnA-UGC [109675..109709], ndhA [complement(126226..126765)], ndhA [complement(127973..128542)], trnA-UGC [complement(141243..141277)], trnA-UGC [complement(142086..142123)], trnI-GAU [complement(142188..142222)], trnI-GAU [complement(143170..143211)], ndhB [148841..149617], ndhB [150306..151061], rpl2 [160264..160662], rpl2 [161338..161772]	
868.	COGU	72	trnK [complement(1893..1927)], trnK [complement(4457..4493)], rps16 [complement(5079..5272)], rps16 [complement(6155..6194)], trnG [9731..9753], trnG [10499..10547], atpF [complement(12780..13204)], atpF [complement(13956..14100)], rpoC1 [complement(22288..23904)], rpoC1 [complement(24640..25092)], ycf3 [complement(45502..45654)], ycf3 [complement(46408..46637)], ycf3 [complement(47394..47517)], trnL [50896..50930], trnL [51436..51481], trnV [complement(54683..54717)], trnV [complement(55317..55355)], rps12 [73716..73829], rps12 [146221..146459], rps12 [146988..147024], rps12 [complement(102573..102803)], rps12 [complement(102000..102026)], clpP [complement(73996..74223)], clpP [complement(74842..75133)], clpP [complement(76013..76083)], petB [78903..78908], petB [79694..80335], petD [80528..80535], petD [81286..81760], rpl16 [complement(85267..85665)], rpl16 [complement(86682..86690)], rpl2 [complement(88360..88793)], rpl2 [complement(89458..89848)], ndhB [complement(98940..99695)], ndhB [complement(100377..101153)], trnI [106756..106792], trnI [107744..107778], trnA [107848..107885], trnA [108689..108723], ndhA [complement(125731..126270)], ndhA [complement(127360..127911)], trnA [complement(140301..140335)], trnA [complement(141139..141176)], trnI [complement(141247..141281)], trnI [complement(142233..142269)], ndhB [147871..148647], ndhB [149329..150084], rpl2 [159176..159566], rpl2 [160231..160664]	trnK [complement(1928..4456)], rps16 [complement(5273..6154)], trnG [9754..10498], atpF [complement(13205..13955)], rpoC1 [complement(23905..24639)], ycf3 [complement(45655..46407)], ycf3 [complement(46638..47393)], trnL [50931..51435], trnV [complement(54718..55316)], clpP [complement(74224..74841)], clpP [complement(75134..76012)], petB [78909..79693], petD [80536..81285], rpl16 [complement(85666..86681)], rpl2 [complement(88794..89457)], ndhB [complement(99696..100376)], trnI [106793..107743], trnA [107886..108688], ndhA [complement(126271..127359)], trnA [complement(140336..141138)], trnI [complement(141282..142232)], ndhB [148648..149328], rpl2 [159567..160230]
869.	COHE	66	rps16 [complement(5082..5275)], rps16 [complement(6158..6197)], atpF [complement(12754..13178)], atpF [complement(13936..14080)], rpoC1 [complement(22249..23865)], rpoC1 [complement(24602..25054)], ycf3	rps16 [complement(5276..6157)], atpF [complement(13179..13935)], rpoC1 [complement(23866..24601)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45886..46038)], ycf3 [complement(46770..46999)], ycf3 [complement(47755..47878)], trnL-UAA [51212..51246], trnL-UAA [51762..51807], trnV-UAC [complement(55010..55044)], trnV-UAC [complement(55645..55683)], rps12 [74036..74149], rps12 [145584..145822], rps12 [146351..146387], rps12 [complement(102871..103101)], rps12 [complement(102298..102324)], clpP [complement(74316..74543)], clpP [complement(75151..75442)], clpP [complement(76318..76388)], petB [79191..79196], petB [79973..80614], petD [80807..80814], petD [81572..82046], rpl16 [complement(85544..85942)], rpl16 [complement(86961..86969)], rpl2 [complement(88639..89072)], rpl2 [complement(89737..90127)], ndhB [complement(99237..99992)], ndhB [complement(100675..101451)], trnI-GAU [107060..107096], trnI-GAU [108048..108082], trnA-UGC [108152..108189], trnA-UGC [108993..109027], ndhA [complement(124949..125488)], ndhA [complement(126552..127103)], trnA-UGC [complement(139658..139692)], trnA-UGC [complement(140496..140533)], trnI-GAU [complement(140604..140638)], trnI-GAU [complement(141590..141626)], ndhB [147234..148010], ndhB [148693..149448], rpl2 [158558..158948], rpl2 [159613..160046]	[complement(46039..46769)], ycf3 [complement(47000..47754)], trnL-UAA [51247..51761], trnV-UAC [complement(55045..55644)], clpP [complement(74544..75150)], clpP [complement(75443..76317)], petB [79197..79972], petD [80815..81571], rpl16 [complement(85943..86960)], rpl2 [complement(89073..89736)], ndhB [complement(99993..100674)], trnI-GAU [107097..108047], trnA-UGC [108190..108992], ndhA [complement(125489..126551)], trnA-UGC [complement(139693..140495)], trnI-GAU [complement(140639..141589)], ndhB [148011..148692], rpl2 [158949..159612]
870.	COHT	26	rps12 [complement(102210..102238)], rps12 [complement(102776..103007)], rps12 [complement(74202..74315)], rpoC1 [complement(22960..24576)], rpoC1 [complement(25399..25854)], ycf3 [complement(46702..46854)], ycf3 [complement(47630..47859)], ycf3 [complement(48568..48694)], rps12 [complement(74202..74315)], rps12 [145368..145598], rps12 [146136..146165], rpl2 [complement(88860..89329)], rpl2 [complement(89979..90372)], ndhA [complement(124797..125335)], ndhA [complement(126523..127078)], ndhB [147008..147784], ndhB [148471..149232], rpl2 [158003..158393], rpl2 [159046..159515]	rpoC1 [complement(24577..25398)], ycf3 [complement(46855..47629)], ycf3 [complement(47860..48567)], rpl2 [complement(89330..89978)], ndhA [complement(125336..126522)], ndhB [147785..148470], rpl2 [158394..159045]
871.	COHY	25	rps12 [complement(72266..72379)], rps12 [144901..144926]	trnK-UUU [complement(1853..4341)], rps16 [complement(5023..5852)], trnG-UCC [9644..10329], atpF [complement(12707..13420)], rpoC1 [complement(23216..23970)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(43938..44680)], ycf3 [complement(44911..45667)], trnL-UAA [48538..49058], trnV-UAC [complement(53633..54218)], clpP [complement(72791..73423)], clpP [complement(73716..74509)], petB [77490..78292], petD [79139..79865], rpl16 [complement(84256..85258)], rpl2 [complement(87487..88146)], ndhB [complement(98495..99193)], trnI-GAU [105579..106525], trnA-UGC [106663..107462], ndhA [complement(124214..125269)], trnA-UGC [complement(138279..139078)], trnI-GAU [complement(139216..140162)], ndhB [146548..147246], rpl2 [157594..158253]
872.	COIN	34	trnK-UUU [complement(1295..1329)], trnK-UUU [complement(3939..3975)], trnG-UCC [9481..9503], trnG-UCC [10202..10249], trnL-UAA [47955..47989], trnL-UAA [48510..48559], rps12 [141756..141781], trnI- GAU [102955..102991], trnI-GAU [103933..103967], trnA-UGC [104032..104069], trnA-UGC [104889..104923], trnA-UGC [complement(135069..135103)], trnA-UGC [complement(135923..135960)], trnI-GAU [complement(136025..136059)], trnI-GAU [complement(137001..137037)]	trnK-UUU [complement(1330..3938)], trnG- UCC [9504..10201], atpF [complement(12593..13411)], rpoC1 [complement(22543..23249)], ycf3 [complement(43409..44146)], ycf3 [complement(44375..45105)], trnL-UAA [47990..48509], petB [75833..76622], petD [77484..78236], rpl16 [complement(82607..83573)], rpl2 [complement(85874..86516)], ndhB [complement(95937..96635)], trnI-GAU [102992..103932], trnA-UGC [104070..104888], ndhA [complement(120287..121363)], trnA-UGC [complement(135104..135922)], trnI-GAU [complement(136060..137000)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[143357..144055], rpl2 [153476..154118]
873.	COIS	67	trnK [complement(1684..1718)], trnK [complement(4309..4345)], rps16 [complement(4984..5210)], rps16 [complement(6081..6120)], trnG [8520..8542], trnG [9264..9312], atpF [complement(11409..11818)], atpF [complement(12558..12702)], rpoC1 [complement(20169..21779)], rpoC1 [complement(22561..22992)], ycf3 [complement(42153..42305)], ycf3 [complement(43103..43330)], ycf3 [complement(44044..44169)], trnL [46637..46671], trnL [46994..47043], trnV; trnA [complement(50588..50622)], trnV; trnA [complement(51226..51264)], clpP [complement(69308..69535)], clpP [complement(70120..70411)], clpP [complement(71293..71363)], petB [74322..74327], petB [75123..75764], petD [75961..75968], petD [76685..77159], rpl16 [complement(80674..81072)], rpl16 [complement(82147..82155)], rpl2 [complement(83848..84282)], rpl2 [complement(84956..85345)], ndhB [complement(94433..95194)], ndhB [complement(95880..96656)], trnI [102203..102239], trnI [103194..103228], trnA; trnV [103293..103330], trnA; trnV [104131..104165], ndhA [116244..116796], ndhA [117904..118433], trnA; trnV [complement(134086..134120)], trnA; trnV [complement(134921..134958)], trnI [complement(135023..135057)], trnI [complement(136012..136048)], ndhB [141595..142371], ndhB [143057..143818], rpl2 [152906..153295], rpl2 [153969..154403]	trnK [complement(1719..4308)], rps16 [complement(5211..6080)], trnG [8543..9263], atpF [complement(11819..12557)], rpoC1 [complement(21780..22560)], ycf3 [complement(42306..43102)], ycf3 [complement(43331..44043)], trnL [46672..46993], trnV; trnA [complement(50623..51225)], clpP [complement(69536..70119)], clpP [complement(70412..71292)], petB [74328..75122], petD [75969..76684], rpl16 [complement(81073..82146)], rpl2 [complement(84283..84955)], ndhB [complement(95195..95879)], trnI [102240..103193], trnA; trnV [103331..104130], ndhA [116797..117903], trnA; trnV [complement(134121..134920)], trnI [complement(135058..136011)], ndhB [142372..143056], rpl2 [153296..153968]
874.	COKE	4	rps12 [complement(71108..71221)], rps12 [145413..145438], petD [78675..79179]	trnK-UUU [complement(1424..4002)]
875.	COKO	73	rps12 [complement(100128..100153)], rps12 [complement(100690..100921)], rps12 [complement(72061..72174)], trnK-UUU [complement(1728..1762)], trnK-UUU [complement(4258..4294)], rps16 [complement(5067..5276)], rps16 [complement(6159..6197)], trnG-UCC [9829..9851], trnG-UCC [10535..10582], atpF [complement(12463..12870)], atpF [complement(13561..13719)], rpoC1 [complement(21484..23106)], rpoC1 [complement(23853..24287)], ycf3 [complement(43850..44002)], ycf3 [complement(44745..44972)], ycf3 [complement(45695..45820)], trnL-UAA [48897..48931], trnL-UAA [49446..49495], trnV-UAC	trnK-UUU [complement(1763..4257)], rps16 [complement(5277..6158)], trnG-UCC [9852..10534], atpF [complement(12871..13560)], rpoC1 [complement(23107..23852)], ycf3 [complement(44003..44744)], ycf3 [complement(44973..45694)], trnL-UAA [48932..49445], trnV-UAC [complement(53467..54051)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53430..53466)], trnV-UAC [complement(54052..54090)], rps12 [complement(72061..72174)], rps12 [142854..143085], rps12 [143622..143647], clpP [complement(72329..72556)], clpP [complement(73235..73525)], clpP [complement(74330..74398)], petB [77282..77287], petB [78053..78694], petD [78888..78895], petD [79662..80136], rpl16 [complement(83590..83991)], rpl16 [complement(85020..85028)], rpl2 [complement(86723..87157)], rpl2 [complement(87820..88212)], ndhB [complement(97082..97837)], ndhB [complement(98517..99293)], trnI-GAU [104816..104857], trnI-GAU [105797..105831], trnA-UGC [105896..105933], trnA-UGC [106741..106775], ndhA [complement(122417..122956)], ndhA [complement(124058..124609)], trnA-UGC [complement(137000..137034)], trnA-UGC [complement(137842..137879)], trnI-GAU [complement(137944..137978)], trnI-GAU [complement(138918..138959)], ndhB [144482..145258], ndhB [145938..146693], rpl2 [155563..155952], rpl2 [156618..157052]	[complement(72557..73234)], clpP [complement(73526..74329)], petB [77288..78052], petD [78896..79661], rpl16 [complement(83992..85019)], rpl2 [complement(87158..87819)], ndhB [complement(97838..98516)], trnI-GAU [104858..105796], trnA-UGC [105934..106740], ndhA [complement(122957..124057)], trnA-UGC [complement(137035..137841)], trnI-GAU [complement(137979..138917)], ndhB [145259..145937], rpl2 [155953..156617]
876.	COLA	33	rps12 [complement(93302..93544)], rps12 [complement(69667..69780)], trnK-UUU [complement(1379..1403)], trnK-UUU [complement(3907..3943)], trnL-UAA [49216..49250], trnL-UAA [49701..49750], trnV-UAC [complement(53381..53417)], trnV-UAC [complement(54020..54058)], rps12 [129994..130236], trnI-GAU [97366..97407], trnI-GAU [98354..98388], trnA-UGC [complement(124202..124236)], trnA-UGC [complement(125047..125084)], trnI-GAU [complement(125150..125184)], trnI-GAU [complement(126131..126172)], rpl2 [138685..139068]	trnK-UUU [complement(1404..3906)], rps16 [complement(4724..5545)], atpF [35499..36313], ycf3 [complement(44634..45371)], ycf3 [complement(45600..46326)], trnL-UAA [49251..49700], trnV-UAC [complement(53418..54019)], petB [73559..74318], petD [75152..75888], rpl16 [complement(80316..81400)], rpl2 [complement(83801..84460)], trnI-GAU [97408..98353], ndhA [complement(115102..116299)], trnA-UGC [complement(124237..125046)], trnI-GAU [complement(125185..126130)], ndhB [132401..133109], rpl2 [139069..139737]
877.	COLC	72	rps12 [complement(97180..97205)], rps12 [complement(97746..97974)], rps12 [complement(68105..68218)], trnK-UUU [complement(1389..1423)],	trnK-UUU [complement(1424..4044)], rps16 [complement(5042..5904)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4045..4081)], rps16 [complement(4815..5041)], rps16 [complement(5905..5944)], trnG-UCC [8205..8227], trnG-UCC [8920..8967], atpF [complement(10926..11336)], atpF [complement(12149..12295)], rpoC1 [complement(20182..21802)], rpoC1 [complement(22549..22976)], ycf3 [complement(40867..41027)], ycf3 [complement(41764..41991)], ycf3 [complement(42708..42831)], trnL-UAA [45270..45304], trnL-UAA [45832..45881], trnV-UAC [complement(49880..49916)], trnV-UAC [complement(50515..50553)], rps12 [139268..139496], rps12 [140037..140062], clpP [complement(68355..68606)], clpP [complement(69261..69552)], clpP [complement(70366..70436)], petB [73362..73367], petB [74150..74797], petD [74991..74998], petD [75731..76235], rpl16 [complement(79718..80116)], rpl16 [complement(81317..81325)], rpl2 [complement(83454..83885)], rpl2 [complement(84548..84937)], ndhB [complement(94107..94862)], ndhB [complement(95566..96342)], trnI-GAU [101949..101990], trnI-GAU [102929..102963], trnA-UGC [103028..103065], trnA-UGC [103849..103883], ndhA [complement(118875..119413)], ndhA [complement(120474..121026)], trnA-UGC [complement(133359..133393)], trnA-UGC [complement(134177..134214)], trnI-GAU [complement(134279..134313)], trnI-GAU [complement(135252..135293)], ndhB [140900..141676], ndhB [142380..143135], rpl2 [152305..152694], rpl2 [153357..153788]	[8228..8919], atpF [complement(11337..12148)], rpoC1 [complement(21803..22548)], ycf3 [complement(41028..41763)], ycf3 [complement(41992..42707)], trnL-UAA [45305..45831], trnV-UAC [complement(49917..50514)], clpP [complement(68607..69260)], clpP [complement(69553..70365)], petB [73368..74149], petD [74999..75730], rpl16 [complement(80117..81316)], rpl2 [complement(83886..84547)], ndhB [complement(94863..95565)], trnI-GAU [101991..102928], trnA-UGC [103066..103848], ndhA [complement(119414..120473)], trnA-UGC [complement(133394..134176)], trnI-GAU [complement(134314..135251)], ndhB [141677..142379], rpl2 [152695..153356]
878.	COLE	22	rps12 [complement(74192..74305)], trnK [complement(1848..1882)], trnK [complement(4414..4450)], trnG [10162..10184], trnG [10867..10914], atpF [complement(14738..14882)], trnL [51380..51414], trnL [51959..52008], trnV [complement(55693..55727)], trnV [complement(56327..56365)], rps12 [145732..145757], rpl16 [complement(85704..86102)], ndhB [complement(100675..101451)], trnI [106761..106797], trnI [107775..107809], trnA [107874..107911], trnA [108597..108631], trnA [complement(139434..139468)], trnA [complement(140154..140191)], trnI [complement(140256..140290)], trnI [complement(141268..141304)]	rps16 [complement(5960..6825)]
879.	COM A	72	trnK [complement(1889..1923)], trnK [complement(4463..4499)], rps16 [complement(5086..5279)], rps16 [complement(6162..6201)], trnG	trnK [complement(1924..4462)], rps16 [complement(5280..6161)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[9719..9741], trnG [10488..10536], atpF [complement(12782..13206)], atpF [complement(13964..14108)], rpoC1 [complement(22285..23901)], rpoC1 [complement(24638..25090)], ycf3 [complement(45909..46061)], ycf3 [complement(46792..47021)], ycf3 [complement(47777..47900)], trnL [51233..51267], trnL [51783..51828], trnV [complement(54945..54979)], trnV [complement(55581..55619)], rps12 [73985..74098], rps12 [145534..145772], rps12 [146301..146337], rps12 [complement(102839..103069)], rps12 [complement(102266..102292)], clpP [complement(74265..74492)], clpP [complement(75110..75401)], clpP [complement(76279..76349)], petB [79160..79165], petB [79942..80583], petD [80776..80783], petD [81541..82015], rpl16 [complement(85511..85909)], rpl16 [complement(86930..86938)], rpl2 [complement(88607..89040)], rpl2 [complement(89705..90095)], ndhB [complement(99205..99960)], ndhB [complement(100643..101419)], trnI [107028..107064], trnI [108016..108050], trnA [108120..108157], trnA [108961..108995], ndhA [complement(124893..125432)], ndhA [complement(126502..127053)], trnA [complement(139608..139642)], trnA [complement(140446..140483)], trnI [complement(140554..140588)], trnI [complement(141540..141576)], ndhB [147184..147960], ndhB [148643..149398], rpl2 [158508..158898], rpl2 [159563..159996]</p>	<p>[9742..10487], atpF [complement(13207..13963)], rpoC1 [complement(23902..24637)], ycf3 [complement(46062..46791)], ycf3 [complement(47022..47776)], trnL [51268..51782], trnV [complement(54980..55580)], clpP [complement(74493..75109)], clpP [complement(75402..76278)], petB [79166..79941], petD [80784..81540], rpl16 [complement(85910..86929)], rpl2 [complement(89041..89704)], ndhB [complement(99961..100642)], trnI [107065..108015], trnA [108158..108960], ndhA [complement(125433..126501)], trnA [complement(139643..140445)], trnI [complement(140589..141539)], ndhB [147961..148642], rpl2 [158899..159562]</p>
880.	COM C	63	<p>rps12 [complement(98329..98354)], rps12 [complement(98902..99130)], rps12 [complement(68896..69009)], trnK-UUU [complement(1389..1423)], trnK-UUU [complement(4210..4246)], rps16 [complement(4775..5018)], rps16 [complement(5897..5937)], trnG-UCC [8947..8969], trnG-UCC [9670..9717], atpF [complement(11705..12115)], atpF [complement(13010..13153)], rpoC1 [complement(20495..22106)], rpoC1 [complement(22847..23274)], ycf3 [complement(42185..42339)], ycf3 [complement(43073..43299)], ycf3 [complement(44017..44141)], trnL-UAA [46493..46527], trnL-UAA [47289..47338], trnV-UAC [complement(50608..50653)], trnV-UAC [complement(51242..51280)], rps12 [136163..136391], rps12 [136939..136964], clpP [complement(69143..69394)], clpP [complement(70069..70360)], clpP [complement(71254..71324)], petB</p>	<p>trnK-UUU [complement(1424..4209)], rps16 [complement(5019..5896)], trnG-UCC [8970..9669], atpF [complement(12116..13009)], rpoC1 [complement(22107..22846)], ycf3 [complement(42340..43072)], ycf3 [complement(43300..44016)], trnL-UAA [46528..47288], trnV-UAC [complement(50654..51241)], clpP [complement(69395..70068)], clpP [complement(70361..71253)], petB [74948..75661], petD [76482..77320], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74942..74947], petB [75662..76309], petD [76474..76481], petD [77321..77795], rpl16 [complement(81365..81763)], rpl16 [complement(82930..82938)], rpl2 [complement(84948..85379)], rpl2 [complement(86053..86442)], trnI-GAU [103111..103152], trnI-GAU [104102..104136], trnA-UGC [104201..104238], trnA-UGC [105039..105073], trnA-UGC [complement(130220..130254)], trnA-UGC [complement(131055..131092)], trnI-GAU [complement(131157..131191)], trnI-GAU [complement(132141..132182)], rpl2 [148851..149240], rpl2 [149914..150345]	[complement(81764..82929)], rpl2 [complement(85380..86052)], trnI-GAU [103153..104101], trnA-UGC [104239..105038], trnA-UGC [complement(130255..131054)], trnI-GAU [complement(131192..132140)], rpl2 [149241..149913]
881.	COM E	60	rps12 [complement(95197..95222)], rps12 [complement(95770..95998)], rps12 [complement(65877..65990)], trnK-UUU [complement(1406..1440)], trnK-UUU [complement(4235..4271)], rps16 [complement(4748..4991)], rps16 [complement(5863..5903)], trnG-UCC [9068..9090], trnG-UCC [9794..9841], atpF [complement(11829..12239)], atpF [complement(13136..13279)], ycf3 [complement(39921..40075)], ycf3 [complement(40811..41037)], ycf3 [complement(41755..41879)], trnL-UAA [44222..44256], trnL-UAA [44973..45022], trnV-UAC [complement(48043..48088)], trnV-UAC [complement(48661..48699)], rps12 [133053..133281], rps12 [133829..133854], clpP [complement(66124..66375)], clpP [complement(67044..67335)], clpP [complement(68229..68299)], petB [71798..71803], petB [72524..73171], petD [73336..73343], petD [74159..74633], rpl16 [complement(78208..78606)], rpl16 [complement(79781..79789)], rpl2 [complement(81788..82219)], rpl2 [complement(82904..83293)], trnI-GAU [99839..99880], trnI-GAU [100820..100854], trnA-UGC [100919..100956], trnA-UGC [101757..101791], trnA-UGC [complement(127260..127294)], trnA-UGC [complement(128095..128132)], trnI-GAU [complement(128197..128231)], trnI-GAU [complement(129171..129212)], rpl2 [145758..146147], rpl2 [146832..147263]	trnK-UUU [complement(1441..4234)], rps16 [complement(4992..5862)], trnG-UCC [9091..9793], atpF [complement(12240..13135)], ycf3 [complement(40076..40810)], ycf3 [complement(41038..41754)], trnL-UAA [44257..44972], trnV-UAC [complement(48089..48660)], clpP [complement(66376..67043)], clpP [complement(67336..68228)], petB [71804..72523], petD [73344..74158], rpl16 [complement(78607..79780)], rpl2 [complement(82220..82903)], trnI-GAU [99881..100819], trnA-UGC [100957..101756], trnA-UGC [complement(127295..128094)], trnI-GAU [complement(128232..129170)], rpl2 [146148..146831]
882.	COMI	69	rps12 [complement(98450..98475)], rps12 [complement(99006..99237)], rps12 [complement(72742..72855)], trnK-UUU [complement(1626..1660)], trnK-UUU [complement(4219..4255)], ycf3 [8573..8701], ycf3 [9409..9636],	trnK-UUU [complement(1661..4218)], ycf3 [8702..9408], ycf3 [9637..10380], atpF [39219..39969], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>ycf3 [10381..10533], atpF [39074..39218], atpF [39970..40379], trnG-UCC [complement(42292..42339)], trnG-UCC [complement(43047..43069)], trnV-UAC [complement(45554..45588)], trnV-UAC [complement(46158..46195)], petB [50326..50331], petB [51149..51790], petD [51984..51991], petD [52725..53202], trnL-UAA [complement(56391..56440)], trnL-UAA [complement(56947..56981)], rps12 [155591..155822], rps12 [156353..156378], clpP [complement(75658..75896)], clpP [complement(76561..76859)], clpP [complement(77670..77710)], rpl16 [complement(82378..82776)], rpl16 [complement(83897..83905)], rpl2 [complement(85545..85975)], rpl2 [complement(86643..87033)], ndhB [complement(95418..96173)], ndhB [complement(96846..97622)], trnI-GAU [103155..103197], trnI-GAU [104133..104167], trnA-UGC [104268..104305], trnA-UGC [105122..105156], ndhA [119395..119947], ndhA [120970..121508], ndhA [complement(133320..133858)], ndhA [complement(134881..135433)], trnA-UGC [complement(149672..149706)], trnA-UGC [complement(150523..150560)], trnI-GAU [complement(150661..150695)], trnI-GAU [complement(151631..151673)], ndhB [157206..157982], ndhB [158655..159410], rpl2 [167795..168185], rpl2 [168853..169283]</p>	<p>[complement(42340..43046)], trnV-UAC [complement(45589..46157)], petB [50332..51148], petD [51992..52724], trnL-UAA [complement(56441..56946)], clpP [complement(75897..76560)], clpP [complement(76860..77669)], rpl16 [complement(82777..83896)], rpl2 [complement(85976..86642)], ndhB [complement(96174..96845)], trnI-GAU [103198..104132], trnA-UGC [104306..105121], ndhA [119948..120969], ndhA [complement(133859..134880)], trnA-UGC [complement(149707..150522)], trnI-GAU [complement(150696..151630)], ndhB [157983..158654], rpl2 [168186..168852]</p>
883.	COM N	66	<p>rps16 [complement(5534..5745)], rps16 [complement(6628..6667)], trnG-UCC [10431..10454], trnG-UCC [11175..11222], atpF [complement(13467..13877)], atpF [complement(14627..14770)], rpoC1 [complement(23003..24619)], rpoC1 [complement(25442..25897)], ycf3 [complement(46761..46913)], ycf3 [complement(47689..47918)], ycf3 [complement(48627..48753)], trnL-UAA [51384..51420], trnL-UAA [51952..52001], trnV-UAC [complement(55576..55612)], trnV-UAC [complement(56253..56290)], rps12 [complement(74268..74381)], rps12 [145614..145844], rps12 [146382..146411], clpP [complement(74520..74747)], clpP [complement(75362..75653)], clpP [complement(76460..76530)], petB [79483..79488], petB [80282..80923], petD [81133..81140], petD [81755..82235], rpl16 [complement(85713..86111)], rpl16 [complement(87195..87203)], rpl2 [complement(88926..89395)], rpl2</p>	<p>rps16 [complement(5746..6627)], trnG-UCC [10455..11174], atpF [complement(13878..14626)], rpoC1 [complement(24620..25441)], ycf3 [complement(46914..47688)], ycf3 [complement(47919..48626)], trnL-UAA [51421..51951], trnV-UAC [complement(55613..56252)], clpP [complement(74748..75361)], clpP [complement(75654..76459)], petB [79489..80281], petD [81141..81754], rpl16 [complement(86112..87194)], rpl2 [complement(89396..90044)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90045..90438)], ndhB [complement(99209..99970)], ndhB [complement(100657..101433)], trnI-GAU [106856..106897], trnI-GAU [107849..107883], trnA-UGC [107948..107985], trnA-UGC [108788..108829], ndhA [complement(125043..125581)], ndhA [complement(126769..127324)], trnA-UGC [complement(139858..139899)], trnA-UGC [complement(140804..140838)], trnI-GAU [complement(141790..141831)], ndhB [147254..148030], ndhB [148717..149478], rpl2 [158249..158639], rpl2 [159292..159761]	[complement(99971..100656)], trnI-GAU [106898..107848], trnA-UGC [107986..108787], ndhA [complement(125582..126768)], trnA-UGC [complement(139900..140803)], trnI-GAU [complement(140839..141789)], ndhB [148031..148716], rpl2 [158640..159291]
884.	COM O	66	rps12 [complement(99900..99925)], rps12 [complement(100462..100693)], rps12 [complement(72310..72423)], rps16 [complement(5317..5543)], rps16 [complement(6418..6457)], trnG-GCC [10111..10133], trnG-GCC [10811..10858], atpF [complement(12802..13212)], atpF [complement(13910..14053)], rpoC1 [complement(21946..23565)], rpoC1 [complement(24326..24778)], ycf3 [complement(44351..44503)], ycf3 [complement(45247..45476)], ycf3 [complement(46184..46307)], trnL-UAA [49180..49214], trnL-UAA [49689..49738], rps12 [141800..142031], rps12 [142568..142593], clpP [complement(72557..72784)], clpP [complement(73432..73723)], clpP [complement(74534..74604)], petB [77512..77517], petB [78219..78860], petD [79043..79050], petD [79771..80245], rpl16 [complement(83690..84088)], rpl16 [complement(84946..84954)], rpl2 [complement(86622..87055)], rpl2 [complement(87723..88113)], ndhB [complement(96893..97648)], ndhB [complement(98328..99104)], trnI-GAU [104405..104441], trnI-GAU [105389..105423], trnA-UGC [105488..105525], trnA-UGC [106337..106371], ndhA [complement(121511..122040)], ndhA [complement(123154..123709)], trnA-UGC [complement(136122..136156)], trnA-UGC [complement(136968..137005)], trnI-GAU [complement(137070..137104)], trnI-GAU [complement(138052..138088)], ndhB [143389..144165], ndhB [144845..145600], rpl2 [154380..154770], rpl2 [155438..155871]	rps16 [complement(5544..6417)], trnG-GCC [10134..10810], atpF [complement(13213..13909)], rpoC1 [complement(23566..24325)], ycf3 [complement(44504..45246)], ycf3 [complement(45477..46183)], trnL-UAA [49215..49688], clpP [complement(72785..73431)], clpP [complement(73724..74533)], petB [77518..78218], petD [79051..79770], rpl16 [complement(84089..84945)], rpl2 [complement(87056..87722)], ndhB [complement(97649..98327)], trnI-GAU [104442..105388], trnA-UGC [105526..106336], ndhA [complement(122041..123153)], trnA-UGC [complement(136157..136967)], trnI-GAU [complement(137105..138051)], ndhB [144166..144844], rpl2 [154771..155437]
885.	COM R	73	rps12 [complement(101229..101254)], rps12 [complement(101791..102022)], rps12 [complement(73153..73266)], trnK-UUU [complement(1714..1748)], trnK-UUU [complement(4257..4293)], rps16 [complement(5067..5285)], rps16	trnK-UUU [complement(1749..4256)], rps16 [complement(5286..6167)], trnG-UCC [9956..10630], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6168..6206)], trnG-UCC [9933..9955], trnG-UCC [10631..10678], atpF [complement(12612..13019)], atpF [complement(13703..13861)], rpoC1 [complement(21674..23299)], rpoC1 [complement(24069..24503)], ycf3 [complement(44625..44777)], ycf3 [complement(45525..45752)], ycf3 [complement(46486..46611)], trnL-UAA [49752..49786], trnL-UAA [50308..50357], trnV-UAC [complement(54298..54334)], trnV-UAC [complement(54916..54954)], rps12 [complement(73153..73266)], rps12 [144205..144436], rps12 [144973..144998], clpP [complement(73405..73632)], clpP [complement(74291..74581)], clpP [complement(75402..75470)], petB [78380..78385], petB [79150..79791], petD [79985..79992], petD [80782..81256], rpl16 [complement(84726..85136)], rpl16 [complement(86143..86151)], rpl2 [complement(87818..88252)], rpl2 [complement(88915..89307)], ndhB [complement(98173..98928)], ndhB [complement(99608..100384)], trnI-GAU [105986..106027], trnI-GAU [106968..107002], trnA-UGC [107067..107104], trnA-UGC [107912..107946], ndhA [complement(123809..124348)], ndhA [complement(125455..126006)], trnA-UGC [complement(138281..138315)], trnA-UGC [complement(139123..139160)], trnI-GAU [complement(139225..139259)], trnI-GAU [complement(140200..140241)], ndhB [145843..146619], ndhB [147299..148054], rpl2 [156920..157309], rpl2 [157975..158409]	[complement(13020..13702)], rpoC1 [complement(23300..24068)], ycf3 [complement(44778..45524)], ycf3 [complement(45753..46485)], trnL-UAA [49787..50307], trnV-UAC [complement(54335..54915)], clpP [complement(73633..74290)], clpP [complement(74582..75401)], petB [78386..79149], petD [79993..80781], rpl16 [complement(85137..86142)], rpl2 [complement(88253..88914)], ndhB [complement(98929..99607)], trnI-GAU [106028..106967], trnA-UGC [107105..107911], ndhA [complement(124349..125454)], trnA-UGC [complement(138316..139122)], trnI-GAU [complement(139260..140199)], ndhB [146620..147298], rpl2 [157310..157974]
886.	CONT	72	rps12 [complement(99894..99919)], rps12 [complement(100456..100687)], rps12 [complement(71858..71971)], trnK-UUU [complement(1728..1762)], trnK-UUU [complement(4262..4298)], rps16 [complement(5058..5267)], rps16 [complement(6150..6188)], trnG-UCC [9784..9806], trnG-UCC [10489..10536], atpF [complement(12417..12824)], atpF [complement(13515..13673)], rpoC1 [complement(21476..23098)], rpoC1 [complement(23845..24279)], ycf3 [complement(43595..43747)], ycf3 [complement(44491..44718)], ycf3 [complement(45441..45566)], trnL-UAA [48659..48693], trnL-UAA [49207..49256], trnV-UAC [complement(53216..53252)], trnV-UAC [complement(53839..53877)], rps12 [142370..142601], rps12 [143138..143163], clpP [complement(72110..72337)],	trnK-UUU [complement(1763..4261)], rps16 [complement(5268..6149)], trnG-UCC [9807..10488], atpF [complement(12825..13514)], rpoC1 [complement(23099..23844)], ycf3 [complement(43748..44490)], ycf3 [complement(44719..45440)], trnL-UAA [48694..49206], trnV-UAC [complement(53253..53838)], clpP [complement(72338..73008)], clpP [complement(73300..74122)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(73009..73299)], clpP [complement(74123..74191)], petB [77075..77080], petB [77854..78495], petD [78689..78696], petD [79464..79938], rpl16 [complement(83397..83798)], rpl16 [complement(84808..84816)], rpl2 [complement(86491..86925)], rpl2 [complement(87594..87986)], ndhB [complement(96860..97615)], ndhB [complement(98295..99071)], trnI-GAU [104582..104623], trnI-GAU [105563..105597], trnA-UGC [105662..105699], trnA-UGC [106506..106540], ndhA [complement(121930..122469)], ndhA [complement(123587..124138)], trnA-UGC [complement(136517..136551)], trnA-UGC [complement(137358..137395)], trnI-GAU [complement(137460..137494)], trnI-GAU [complement(138434..138475)], ndhB [143986..144762], ndhB [145442..146197], rpl2 [155071..155460], rpl2 [156132..156566]</p>	<p>[77081..77853], petD [78697..79463], rpl16 [complement(83799..84807)], rpl2 [complement(86926..87593)], ndhB [complement(97616..98294)], trnI-GAU [104624..105562], trnA-UGC [105700..106505], ndhA [complement(122470..123586)], trnA-UGC [complement(136552..137357)], trnI-GAU [complement(137495..138433)], ndhB [144763..145441], rpl2 [155461..156131]</p>
887.	CONU	72	<p>rps12 [complement(98096..98151)], rps12 [complement(98663..98891)], rps12 [complement(69353..69466)], trnK-UUU [complement(1281..1315)], trnK-UUU [complement(3949..3985)], rps16 [complement(4700..4920)], rps16 [complement(5780..5819)], trnG-UCU [9360..9382], trnG-UCU [10069..10116], atpF [complement(12060..12469)], atpF [complement(13274..13418)], rpoC1 [complement(21253..22869)], rpoC1 [complement(23635..24066)], ycf3 [complement(41084..41242)], ycf3 [complement(41978..42207)], ycf3 [complement(42928..43051)], trnL-UAA [45944..45958], trnL-UAA [46475..46524], trnV-UAC [complement(50795..50831)], trnV-UAC [complement(51419..51457)], rps12 [139795..140023], rps12 [140535..140590], clpP [complement(69604..69855)], clpP [complement(70515..70806)], clpP [complement(71625..71695)], petB [74622..74627], petB [75421..76062], petD [76276..76283], petD [77016..77529], rpl16 [complement(81019..81417)], rpl16 [complement(82569..82577)], rpl2 [complement(84524..84954)], rpl2 [complement(85617..86007)], ndhB [complement(95023..95778)], ndhB [complement(96482..97258)], trnI-GAU [102624..102665], trnI-GAU [103603..103637], trnA-UGC [103702..103739], trnA-UGC [104449..104483], ndhA [complement(119767..120305)], ndhA [complement(121346..121898)], trnA-UGC [complement(134203..134237)], trnA-UGC</p>	<p>trnK-UUU [complement(1316..3948)], rps16 [complement(4921..5779)], trnG-UCU [9383..10068], atpF [complement(12470..13273)], rpoC1 [complement(22870..23634)], ycf3 [complement(41243..41977)], ycf3 [complement(42208..42927)], trnL-UAA [45959..46474], trnV-UAC [complement(50832..51418)], clpP [complement(69856..70514)], clpP [complement(70807..71624)], petB [74628..75420], petD [76284..77015], rpl16 [complement(81418..82568)], rpl2 [complement(84955..85616)], ndhB [complement(95779..96481)], trnI-GAU [102666..103602], trnA-UGC [103740..104448], ndhA [complement(120306..121345)], trnA-UGC [complement(134238..134946)], trnI-GAU [complement(135084..136020)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134947..134984)], trnI-GAU [complement(135049..135083)], trnI-GAU [complement(136021..136062)], ndhB [141428..142204], ndhB [142908..143663], rpl2 [152679..153069], rpl2 [153732..154162]	[142205..142907], rpl2 [153070..153731]
888.	COOB	73	rps12 [complement(100560..100585)], rps12 [complement(101122..101353)], rps12 [complement(72786..72899)], trnK-UUU [complement(1724..1758)], trnK-UUU [complement(4261..4297)], rps16 [complement(5031..5255)], rps16 [complement(6122..6160)], trnG-UCC [9912..9934], trnG-UCC [10619..10666], atpF [complement(12530..12937)], atpF [complement(13630..13788)], rpoC1 [complement(21788..23413)], rpoC1 [complement(24173..24607)], ycf3 [complement(44475..44627)], ycf3 [complement(45332..45559)], ycf3 [complement(46295..46420)], trnL-UAA [49575..49609], trnL-UAA [50125..50174], trnV-UAC [complement(54091..54127)], trnV-UAC [complement(54710..54748)], rps12 [complement(72786..72899)], rps12 [143742..143973], rps12 [144510..144535], clpP [complement(73038..73265)], clpP [complement(73924..74214)], clpP [complement(75031..75099)], petB [78014..78019], petB [78787..79428], petD [79622..79629], petD [80417..80891], rpl16 [complement(84352..84762)], rpl16 [complement(85776..85784)], rpl2 [complement(87455..87889)], rpl2 [complement(88552..88944)], ndhB [complement(97504..98259)], ndhB [complement(98939..99715)], trnI-GAU [105336..105377], trnI-GAU [106320..106354], trnA-UGC [106419..106456], trnA-UGC [107264..107298], ndhA [complement(123194..123733)], ndhA [complement(124867..125418)], trnA-UGC [complement(137797..137831)], trnA-UGC [complement(138639..138676)], trnI-GAU [complement(138741..138775)], trnI-GAU [complement(139718..139759)], ndhB [145380..146156], ndhB [146836..147591], rpl2 [156151..156540], rpl2 [157206..157640]	trnK-UUU [complement(1759..4260)], rps16 [complement(5256..6121)], trnG-UCC [9935..10618], atpF [complement(12938..13629)], rpoC1 [complement(23414..24172)], ycf3 [complement(44628..45331)], ycf3 [complement(45560..46294)], trnL-UAA [49610..50124], trnV-UAC [complement(54128..54709)], clpP [complement(73266..73923)], clpP [complement(74215..75030)], petB [78020..78786], petD [79630..80416], rpl16 [complement(84763..85775)], rpl2 [complement(87890..88551)], ndhB [complement(98260..98938)], trnI-GAU [105378..106319], trnA-UGC [106457..107263], ndhA [complement(123734..124866)], trnA-UGC [complement(137832..138638)], trnI-GAU [complement(138776..139717)], ndhB [146157..146835], rpl2 [156541..157205]
889.	COOD	63	rps12 [complement(95901..95926)], rps12 [complement(96474..96702)], rps12 [complement(67079..67192)], trnK-UUU [complement(1399..1433)], trnK-UUU [complement(4242..4278)], rps16 [complement(4764..5007)], rps16 [complement(5873..5913)], trnG-UCC [8717..8739], trnG-UCC [9431..9478], atpF [complement(11360..11770)], atpF [complement(12666..12809)], rpoC1	trnK-UUU [complement(1434..4241)], rps16 [complement(5008..5872)], trnG-UCC [8740..9430], atpF [complement(11771..12665)], rpoC1 [complement(21512..22288)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(19898..21511)], rpoC1 [complement(22289..22717)], ycf3 [complement(41561..41715)], ycf3 [complement(42467..42693)], ycf3 [complement(43420..43544)], trnL-UAA [45894..45928], trnL-UAA [46747..46796], trnV-UAC [complement(49042..49087)], trnV-UAC [complement(49660..49698)], rps12 [132875..133103], rps12 [133651..133676], clpP [complement(67326..67586)], clpP [complement(68235..68526)], clpP [complement(69437..69507)], petB [72982..72987], petB [73703..74350], petD [74515..74522], petD [75356..75830], rpl16 [complement(79391..79789)], rpl16 [complement(80955..80963)], rpl2 [complement(82876..83307)], rpl2 [complement(83981..84370)], trnI-GAU [100267..100308], trnI-GAU [101250..101284], trnA-UGC [101349..101386], trnA-UGC [102191..102225], trnA-UGC [complement(127352..127386)], trnA-UGC [complement(128191..128228)], trnI-GAU [complement(128293..128327)], trnI-GAU [complement(129269..129310)], rpl2 [145207..145596], rpl2 [146270..146701]	[complement(41716..42466)], ycf3 [complement(42694..43419)], trnL-UAA [45929..46746], trnV-UAC [complement(49088..49659)], clpP [complement(67587..68234)], clpP [complement(68527..69436)], petB [72988..73702], petD [74523..75355], rpl16 [complement(79790..80954)], rpl2 [complement(83308..83980)], trnI-GAU [100309..101249], trnA-UGC [101387..102190], trnA-UGC [complement(127387..128190)], trnI-GAU [complement(128328..129268)], rpl2 [145597..146269]
890.	COOF	73	rps12 [complement(100743..100768)], rps12 [complement(101305..101536)], rps12 [complement(72747..72860)], trnK-UUU [complement(1705..1739)], trnK-UUU [complement(4238..4275)], rps16 [complement(5005..5229)], rps16 [complement(6114..6152)], trnG-UCC [9729..9752], trnG-UCC [10433..10480], atpF [complement(12362..12769)], atpF [complement(13462..13620)], rpoC1 [complement(21449..23074)], rpoC1 [complement(23814..24248)], ycf3 [complement(44270..44422)], ycf3 [complement(45166..45393)], ycf3 [complement(46115..46240)], trnL-UAA [49480..49514], trnL-UAA [49959..50009], trnV-UAC [complement(53913..53949)], trnV-UAC [complement(54530..54568)], rps12 [complement(72747..72860)], rps12 [144035..144266], rps12 [144803..144828], clpP [complement(72999..73226)], clpP [complement(73874..74164)], clpP [complement(74968..75036)], petB [78263..78268], petB [78926..79354], petD [79548..79556], petD [80507..80806], rpl16 [complement(84276..84677)], rpl16 [complement(85713..85721)], rpl2 [complement(87382..87816)], rpl2	trnK-UUU [complement(1740..4237)], rps16 [complement(5230..6113)], trnG-UCC [9753..10432], atpF [complement(12770..13461)], rpoC1 [complement(23075..23813)], ycf3 [complement(44423..45165)], ycf3 [complement(45394..46114)], trnL-UAA [49515..49958], trnV-UAC [complement(53950..54529)], clpP [complement(73227..73873)], clpP [complement(74165..74967)], petB [78269..78925], petD [79557..80506], rpl16 [complement(84678..85712)], rpl2 [complement(87817..88478)], ndhB [complement(98443..99121)], trnI-GAU [105560..106500], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88479..88871)], ndhB [complement(97687..98442)], ndhB [complement(99122..99898)], trnI-GAU [105518..105559], trnI-GAU [106501..106535], trnA-UGC [106600..106637], trnA-UGC [107445..107479], ndhA [complement(123472..124012)], ndhA [complement(125159..125709)], trnA-UGC [complement(138092..138126)], trnA-UGC [complement(138934..138971)], trnI-GAU [complement(139036..139070)], trnI-GAU [complement(140012..140053)], ndhB [145673..146449], ndhB [147129..147884], rpl2 [156700..157092], rpl2 [157755..158189]	[106638..107444], ndhA [complement(124013..125158)], trnA-UGC [complement(138127..138933)], trnI-GAU [complement(139071..140011)], ndhB [146450..147128], rpl2 [157093..157754]
891.	COOL	70	trnK-UUU [complement(1750..1784)], trnK-UUU [complement(4298..4334)], rps16 [complement(5169..5395)], rps16 [complement(6279..6318)], trnG-GCC [9036..9058], trnG-GCC [9798..9834], atpF [complement(11880..12290)], atpF [complement(13153..13296)], rpoC1 [complement(21658..23283)], rpoC1 [complement(24066..24497)], ycf3 [complement(45059..45211)], ycf3 [complement(45993..46220)], ycf3 [complement(46960..47085)], trnL-UAA [50299..50335], trnL-UAA [50883..50932], trnV-UAC [complement(55037..55073)], trnV-UAC [complement(55658..55696)], rps12 [complement(74608..74721)], rps12 [146939..147170], rps12 [147719..147744], clpP [complement(74947..75174)], clpP [complement(75720..76011)], clpP [complement(76986..77056)], petB [79975..79980], petB [80771..81412], petD [81621..81628], petD [82448..82922], rpl16 [complement(86433..86831)], rpl16 [complement(87990..87998)], rpl2 [complement(89729..90162)], rpl2 [complement(90855..91245)], ndhB [complement(100622..101377)], ndhB [complement(102061..102837)], trnI-GAU [108501..108542], trnI-GAU [109494..109528], trnA-UGC [109592..109629], trnA-UGC [110432..110466], ndhA [123443..123994], ndhA [125119..125649], trnA-UGC [complement(140962..140996)], trnA-UGC [complement(141799..141836)], trnI [complement(141900..141934)], trnI [complement(142886..142927)], ndhB [148591..149367], ndhB [150051..150806], rpl2 [160183..160573], rpl2 [161266..161699]	trnK-UUU [complement(1785..4297)], rps16 [complement(5396..6278)], trnG-GCC [9059..9797], atpF [complement(12291..13152)], rpoC1 [complement(23284..24065)], ycf3 [complement(45212..45992)], ycf3 [complement(46221..46959)], trnL-UAA [50336..50882], trnV-UAC [complement(55074..55657)], clpP [complement(75175..75719)], clpP [complement(76012..76985)], petB [79981..80770], petD [81629..82447], rpl16 [complement(86832..87989)], rpl2 [complement(90163..90854)], ndhB [complement(101378..102060)], trnI-GAU [108543..109493], trnA-UGC [109630..110431], ndhA [123995..125118], trnA-UGC [complement(140997..141798)], trnI [complement(141935..142885)], ndhB [149368..150050], rpl2 [160574..161265]
892.	COOV	56	rps12 [complement(102889..102914)], rps12 [complement(103451..103682)], rps12 [complement(73719..73832)], trnK-UUU [complement(1834..1868)],	trnG-GCC [8270..8993], trnL-UAA [49247..49827], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4434..4470)], trnG-GCC [8247..8269], trnG-GCC [8994..9039], atpF [complement(11794..12204)], atpF [complement(12997..13140)], rpoC1 [complement(21328..22938)], rpoC1 [complement(23728..24159)], ycf3 [complement(44988..45140)], ycf3 [complement(45851..46078)], ycf3 [complement(46815..46940)], trnL-UAA [49210..49246], trnL-UAA [49828..49876], trnV-UAC [complement(53990..54026)], trnV-UAC [complement(54634..54672)], rps12 [complement(73719..73832)], rps12 [147044..147275], rps12 [147812..147837], clpP [complement(73997..74222)], clpP [complement(74848..75140)], clpP [complement(76007..76075)], petB [79057..79062], petB [79901..80542], petD [80737..80744], petD [81538..82012], rpl16 [complement(85774..86172)], rpl16 [complement(87244..87252)], rpl2 [complement(89118..89552)], rpl2 [complement(90228..90626)], ndhB [complement(99829..100584)], ndhB [complement(101273..102049)], trnI-GAU [107679..107720], trnI-GAU [108668..108702], trnA-UGC [108767..108804], trnA-UGC [109613..109647], ndhA [complement(126065..126604)], ndhA [complement(127791..128360)], trnA-UGC [complement(141079..141113)], trnA-UGC [complement(141922..141959)], trnI-GAU [complement(142024..142058)], trnI-GAU [complement(143006..143047)], ndhB [148677..149453], ndhB [150142..150897], rpl2 [160100..160498], rpl2 [161174..161608]	[complement(54027..54633)], clpP [complement(74223..74847)], clpP [complement(75141..76006)], trnI-GAU [107721..108667], trnI-GAU [complement(142059..143005)], rpl2 [160499..161173]
893.	COPA	56	rps12 [complement(102846..102871)], rps12 [complement(103408..103639)], rps12 [complement(73676..73789)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4448..4484)], trnG-GCC [8265..8287], trnG-GCC [9012..9057], atpF [complement(11776..12186)], atpF [complement(12979..13122)], rpoC1 [complement(21309..22919)], rpoC1 [complement(23709..24140)], ycf3 [complement(44981..45133)], ycf3 [complement(45837..46064)], ycf3 [complement(46801..46926)], trnL-UAA [49196..49232], trnL-UAA [49815..49863], trnV-UAC [complement(53946..53982)], trnV-UAC [complement(54590..54628)], rps12 [complement(73676..73789)], rps12 [147042..147273], rps12 [147810..147835], clpP [complement(73954..74179)], clpP	trnG-GCC [8288..9011], trnL-UAA [49233..49814], trnV-UAC [complement(53983..54589)], clpP [complement(74180..74802)], clpP [complement(75096..75960)], trnI-GAU [107678..108624], trnI-GAU [complement(142057..143003)], rpl2 [160497..161171]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74803..75095)], clpP [complement(75961..76029)], petB [79024..79029], petB [79868..80509], petD [80704..80711], petD [81505..81979], rpl16 [complement(85743..86141)], rpl16 [complement(87214..87222)], rpl2 [complement(89075..89509)], rpl2 [complement(90185..90583)], ndhB [complement(99786..100541)], ndhB [complement(101230..102006)], trnI-GAU [107636..107677], trnI-GAU [108625..108659], trnA-UGC [108724..108761], trnA-UGC [109570..109604], ndhA [complement(126060..126599)], ndhA [complement(127786..128355)], trnA-UGC [complement(141077..141111)], trnA-UGC [complement(141920..141957)], trnI-GAU [complement(142022..142056)], trnI-GAU [complement(143004..143045)], ndhB [148675..149451], ndhB [150140..150895], rpl2 [160098..160496], rpl2 [161172..161606]	
894.	COPE	73	rps12 [complement(101352..101377)], rps12 [complement(101919..102150)], rps12 [complement(73284..73397)], trnK-UUU [complement(1731..1765)], trnK-UUU [complement(4268..4304)], rps16 [complement(5059..5283)], rps16 [complement(6164..6202)], trnG-UCC [10020..10042], trnG-UCC [10733..10780], atpF [complement(12642..13049)], atpF [complement(13742..13900)], rpoC1 [complement(21900..23525)], rpoC1 [complement(24295..24729)], ycf3 [complement(44771..44923)], ycf3 [complement(45630..45857)], ycf3 [complement(46578..46703)], trnL-UAA [49881..49915], trnL-UAA [50431..50480], trnV-UAC [complement(54404..54440)], trnV-UAC [complement(55023..55061)], rps12 [complement(73284..73397)], rps12 [144531..144762], rps12 [145304..145329], clpP [complement(73536..73763)], clpP [complement(74419..74709)], clpP [complement(75532..75600)], petB [78519..78524], petB [79292..79933], petD [80127..80134], petD [80920..81394], rpl16 [complement(84849..85259)], rpl16 [complement(86263..86271)], rpl2 [complement(87940..88374)], rpl2 [complement(89037..89429)], ndhB [complement(98296..99051)], ndhB [complement(99731..100507)], trnI-GAU [106103..106144], trnI-GAU [107086..107120], trnA-UGC [107177..107214], trnA-UGC [108022..108056], ndhA [complement(124025..124564)], ndhA [complement(125695..126246)],	trnK-UUU [complement(1766..4267)], rps16 [complement(5284..6163)], trnG-UCC [10043..10732], atpF [complement(13050..13741)], rpoC1 [complement(23526..24294)], ycf3 [complement(44924..45629)], ycf3 [complement(45858..46577)], trnL-UAA [49916..50430], trnV-UAC [complement(54441..55022)], clpP [complement(73764..74418)], clpP [complement(74710..75531)], petB [78525..79291], petD [80135..80919], rpl16 [complement(85260..86262)], rpl2 [complement(88375..89036)], ndhB [complement(99052..99730)], trnI-GAU [106145..107085], trnA-UGC [107215..108021], ndhA [complement(124565..125694)], trnA-UGC [complement(138660..139466)], trnI-GAU [complement(139596..140536)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(138625..138659)], trnA-UGC [complement(139467..139504)], trnI-GAU [complement(139561..139595)], trnI-GAU [complement(140537..140578)], ndhB [146174..146950], ndhB [147630..148385], rpl2 [157252..157641], rpl2 [158307..158741]	[146951..147629], rpl2 [157642..158306]
895.	COPO	56	rps12 [complement(102943..102968)], rps12 [complement(103505..103736)], rps12 [complement(73772..73885)], trnK-UUU [complement(1833..1867)], trnK-UUU [complement(4433..4469)], trnG-GCC [8348..8370], trnG-GCC [9095..9140], atpF [complement(11782..12192)], atpF [complement(13004..13147)], rpoC1 [complement(21356..22966)], rpoC1 [complement(23756..24187)], ycf3 [complement(45014..45166)], ycf3 [complement(45870..46097)], ycf3 [complement(46834..46959)], trnL-UAA [49232..49268], trnL-UAA [49847..49895], trnV-UAC [complement(53995..54031)], trnV-UAC [complement(54639..54677)], rps12 [complement(73772..73885)], rps12 [147139..147370], rps12 [147907..147932], clpP [complement(74050..74275)], clpP [complement(74898..75190)], clpP [complement(76060..76128)], petB [79110..79115], petB [79955..80596], petD [80791..80798], petD [81592..82066], rpl16 [complement(85816..86214)], rpl16 [complement(87288..87296)], rpl2 [complement(89149..89583)], rpl2 [complement(90259..90657)], ndhB [complement(99883..100638)], ndhB [complement(101327..102103)], trnI-GAU [107733..107774], trnI-GAU [108722..108756], trnA-UGC [108821..108858], trnA-UGC [109667..109701], ndhA [complement(126180..126719)], ndhA [complement(127905..128474)], trnA-UGC [complement(141174..141208)], trnA-UGC [complement(142017..142054)], trnI-GAU [complement(142119..142153)], trnI-GAU [complement(143101..143142)], ndhB [148772..149548], ndhB [150237..150992], rpl2 [160218..160616], rpl2 [161292..161726]	trnG-GCC [8371..9094], trnL-UAA [49269..49846], trnV-UAC [complement(54032..54638)], clpP [complement(74276..74897)], clpP [complement(75191..76059)], trnI-GAU [107775..108721], trnI-GAU [complement(142154..143100)], rpl2 [160617..161291]
896.	COPR	64	rps12 [complement(91822..91850)], rps12 [complement(92391..92622)], rps12 [complement(68808..68921)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3891..3928)], rps16 [complement(4474..4697)], rps16 [complement(5548..5587)], trnG-UCC [complement(13397..13444)], trnG-UCC [complement(14132..14154)], atpF [34595..34753], atpF [35568..35975],	trnK-UUU [complement(1415..3890)], rps16 [complement(4698..5547)], trnG-UCC [complement(13445..14131)], atpF [34754..35567], ycf3 [complement(43941..44673)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>ycf3 [complement(43788..43940)], ycf3 [complement(44674..44901)], ycf3 [complement(45629..45760)], trnL-UAA [48491..48525], trnL-UAA [49072..49121], trnV-UAC [complement(52712..52748)], trnV-UAC [complement(53345..53383)], rps12 [129162..129393], rps12 [129934..129962], petB [72679..72684], petB [73444..74091], petD [74274..74281], petD [75016..75490], rpl16 [complement(79024..79425)], rpl16 [complement(80499..80507)], rpl2 [complement(82463..82894)], rpl2 [complement(83555..83947)], ndhB [complement(88749..89504)], ndhB [complement(90217..90993)], trnI-GAU [96459..96500], trnI-GAU [97447..97481], trnA-UGC [97547..97584], trnA-UGC [98395..98429], ndhA [complement(113869..114408)], ndhA [complement(115437..115979)], trnA-UGC [complement(123355..123389)], trnA-UGC [complement(124200..124237)], trnI-GAU [complement(124303..124337)], trnI-GAU [complement(125284..125325)], ndhB [130791..131567], ndhB [132280..133035], rpl2 [137837..138229], rpl2 [138890..139321]</p>	<p>[complement(44902..45628)], trnL-UAA [48526..49071], trnV-UAC [complement(52749..53344)], petB [72685..73443], petD [74282..75015], rpl16 [complement(79426..80498)], rpl2 [complement(82895..83554)], ndhB [complement(89505..90216)], trnI-GAU [96501..97446], trnA-UGC [97585..98394], ndhA [complement(114409..115436)], trnA-UGC [complement(123390..124199)], trnI-GAU [complement(124338..125283)], ndhB [131568..132279], rpl2 [138230..138889]</p>
897.	COPY	67	<p>trnK [complement(1684..1718)], trnK [complement(4309..4345)], rps16 [complement(4984..5210)], rps16 [complement(6081..6120)], trnG [8529..8551], trnG [9273..9321], atpF [complement(11418..11827)], atpF [complement(12567..12711)], rpoC1 [complement(20178..21788)], rpoC1 [complement(22570..23001)], ycf3 [complement(42081..42233)], ycf3 [complement(43031..43258)], ycf3 [complement(43973..44098)], trnL [46566..46600], trnL [46923..46972], trnA; trnV [complement(50516..50550)], trnA; trnV [complement(51154..51192)], clpP [complement(69255..69482)], clpP [complement(70063..70354)], clpP [complement(71236..71306)], petB [74265..74270], petB [75067..75708], petD [75904..75911], petD [76628..77102], rpl16 [complement(80618..81016)], rpl16 [complement(82090..82098)], rpl2 [complement(83791..84225)], rpl2 [complement(84899..85288)], ndhB [complement(94376..95137)], ndhB [complement(95823..96599)], trnI [102146..102182], trnI [103137..103171], trnA; trnV [103236..103273], trnA; trnV [104074..104108], ndhA [complement(119810..120339)], ndhA [complement(121451..122003)], trnA; trnV [complement(134085..134119)], trnA; trnV</p>	<p>trnK [complement(1719..4308)], rps16 [complement(5211..6080)], trnG [8552..9272], atpF [complement(11828..12566)], rpoC1 [complement(21789..22569)], ycf3 [complement(42234..43030)], ycf3 [complement(43259..43972)], trnL [46601..46922], trnA; trnV [complement(50551..51153)], clpP [complement(69483..70062)], clpP [complement(70355..71235)], petB [74271..75066], petD [75912..76627], rpl16 [complement(81017..82089)], rpl2 [complement(84226..84898)], ndhB [complement(95138..95822)], trnI [102183..103136], trnA; trnV [103274..104073], ndhA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134920..134957)], trnI [complement(135022..135056)], trnI [complement(136011..136047)], ndhB [141594..142370], ndhB [143056..143817], rpl2 [152905..153294], rpl2 [153968..154402]	[complement(120340..121450)], trnA; trnV [complement(134120..134919)], trnI [complement(135057..136010)], ndhB [142371..143055], rpl2 [153295..153967]
898.	COQI	7	rpoC1 [complement(23151..23603)], rps12 [140673..140698], trnA-UGC [104918..104951], ndhB [143013..143768]	trnL-UAA [48331..48830], trnA-UGC [104117..104917], ndhB [142309..143012]
899.	COQU	59	rps12 [complement(95668..95693)], rps12 [complement(96230..96461)], rps12 [complement(69368..69481)], trnK-UUU [complement(1651..1684)], trnK-UUU [complement(4217..4253)], rps16 [complement(4916..5118)], rps16 [complement(5969..6008)], trnG-UCC [8748..8770], trnG-UCC [9487..9534], atpF [complement(11458..11867)], atpF [complement(12587..12731)], rpoC1 [complement(20200..21816)], rpoC1 [complement(22586..23017)], ycf3 [complement(41963..42345)], ycf3 [complement(43146..43269)], trnL-UAA [46191..46227], trnL-UAA [46842..46891], trnV-UAC [complement(50845..50881)], trnV-UAC [complement(51479..51517)], clpP [complement(69619..69846)], clpP [complement(70417..70708)], clpP [complement(71549..71619)], petB [74515..74520], petB [75278..75919], petD [76149..76156], petD [76895..77369], rpl16 [complement(80706..81104)], rpl16 [complement(81953..81961)], ndhB [complement(92632..93387)], ndhB [complement(94050..94826)], trnI-GAU [100093..100134], trnI-GAU [101073..101107], trnA-UGC [101178..101215], trnA-UGC [102024..102058], ndhA [complement(118354..118893)], ndhA [complement(119900..120451)], trnI-GAU [complement(133632..133666)], trnI-GAU [complement(134605..134646)], ndhB [139913..140689], ndhB [141352..142107]	trnK-UUU [complement(1685..4216)], rps16 [complement(5119..5968)], trnG-UCC [8771..9486], atpF [complement(11868..12586)], rpoC1 [complement(21817..22585)], ycf3 [complement(42346..43145)], trnL-UAA [46228..46841], trnV-UAC [complement(50882..51478)], clpP [complement(69847..70416)], clpP [complement(70709..71548)], petB [74521..75277], petD [76157..76894], rpl16 [complement(81105..81952)], ndhB [complement(93388..94049)], trnI-GAU [100135..101072], trnA-UGC [101216..102023], ndhA [complement(118894..119899)], trnI-GAU [complement(133667..134604)], ndhB [140690..141351]
900.	CORA	56	rps12 [complement(102976..103001)], rps12 [complement(103538..103769)], rps12 [complement(73795..73908)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4430..4466)], trnG-GCC [8279..8301], trnG-GCC [9026..9071], atpF [complement(11772..12182)], atpF [complement(12976..13119)], rpoC1 [complement(21335..22945)], rpoC1 [complement(23735..24166)], ycf3 [complement(45006..45158)], ycf3 [complement(45863..46090)], ycf3 [complement(46827..46952)], trnL-UAA	trnG-GCC [8302..9025], trnL-UAA [49259..49837], trnV-UAC [complement(54031..54637)], clpP [complement(74299..74920)], clpP [complement(75214..76081)], trnI-GAU [107808..108754], trnI-GAU [complement(142178..143124)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49222..49258], trnL-UAA [49838..49886], trnV-UAC [complement(53994..54030)], trnV-UAC [complement(54638..54676)], rps12 [complement(73795..73908)], rps12 [147163..147394], rps12 [147931..147956], clpP [complement(74073..74298)], clpP [complement(74921..75213)], clpP [complement(76082..76150)], petB [79133..79138], petB [79996..80637], petD [80832..80839], petD [81633..82107], rpl16 [complement(85872..86270)], rpl16 [complement(87346..87354)], rpl2 [complement(89205..89639)], rpl2 [complement(90315..90713)], ndhB [complement(99916..100671)], ndhB [complement(101360..102136)], trnI-GAU [107766..107807], trnI-GAU [108755..108789], trnA-UGC [108854..108891], trnA-UGC [109700..109734], ndhA [complement(126183..126722)], ndhA [complement(127909..128478)], trnA-UGC [complement(141198..141232)], trnA-UGC [complement(142041..142078)], trnI-GAU [complement(142143..142177)], trnI-GAU [complement(143125..143166)], ndhB [148796..149572], ndhB [150261..151016], rpl2 [160219..160617], rpl2 [161293..161727]	[160618..161292]
901.	COSA	2	-	trnK [complement(252..2761)], trnI [complement(139327..140294)]
902.	COSC	72	rps12 [complement(99893..99918)], rps12 [complement(100454..100685)], rps12 [complement(72006..72119)], trnK-UUU [complement(1743..1777)], trnK-UUU [complement(4268..4304)], rps16 [complement(5073..5282)], rps16 [complement(6167..6205)], trnG-UCC [9235..9257], trnG-UCC [9936..9983], atpF [complement(11866..12273)], atpF [complement(12960..13118)], rpoC1 [complement(21074..22705)], rpoC1 [complement(23445..23879)], ycf3 [complement(43589..43741)], ycf3 [complement(44500..44727)], ycf3 [complement(45459..45584)], trnL-UAA [48709..48743], trnL-UAA [49255..49304], trnV-UAC [complement(53159..53195)], trnV-UAC [complement(53771..53809)], rps12 [142904..143135], rps12 [143671..143696], clpP [complement(72263..72490)], clpP [complement(73179..73469)], clpP [complement(74232..74300)], petB [77224..77229], petB [77933..78574], petD [78768..78775], petD [79521..79995], rpl16 [complement(83455..83856)], rpl16	trnK-UUU [complement(1778..4267)], rps16 [complement(5283..6166)], trnG-UCC [9258..9935], atpF [complement(12274..12959)], rpoC1 [complement(22706..23444)], ycf3 [complement(43742..44499)], ycf3 [complement(44728..45458)], trnL-UAA [48744..49254], trnV-UAC [complement(53196..53770)], clpP [complement(72491..73178)], clpP [complement(73470..74231)], petB [77230..77932], petD [78776..79520], rpl16 [complement(83857..84862)], rpl2 [complement(86936..87597)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84863..84871)], rpl2 [complement(86501..86935)], rpl2 [complement(87598..87990)], ndhB [complement(96835..97590)], ndhB [complement(98272..99048)], trnI-GAU [104606..104647], trnI-GAU [105594..105628], trnA-UGC [105693..105730], trnA-UGC [106539..106573], ndhA [complement(122552..123091)], ndhA [complement(124260..124811)], trnA-UGC [complement(137016..137050)], trnA-UGC [complement(137859..137896)], trnI-GAU [complement(137961..137995)], trnI-GAU [complement(138942..138983)], ndhB [144541..145317], ndhB [145999..146754], rpl2 [155599..155988], rpl2 [156654..157088]	[complement(97591..98271)], trnI-GAU [104648..105593], trnA-UGC [105731..106538], ndhA [complement(123092..124259)], trnA-UGC [complement(137051..137858)], trnI-GAU [complement(137996..138941)], ndhB [145318..145998], rpl2 [155989..156653]
903.	COSE	64	rps12 [complement(87821..87849)], rps12 [complement(88390..88621)], rps12 [complement(66342..66455)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3843..3880)], rps16 [complement(4436..4653)], rps16 [complement(5493..5532)], trnG-UCC [complement(12758..12805)], trnG-UCC [complement(13488..13510)], atpF [33081..33239], atpF [34054..34461], ycf3 [complement(42086..42244)], ycf3 [complement(42970..43197)], ycf3 [complement(43936..44061)], trnL-UAA [46781..46815], trnL-UAA [47353..47402], trnV-UAC [complement(50511..50557)], trnV-UAC [complement(51133..51171)], rps12 [124576..124807], rps12 [125348..125376], petB [70214..70219], petB [71012..71659], petD [71842..71849], petD [72581..73055], rpl16 [complement(76585..76986)], rpl16 [complement(77945..77953)], rpl2 [complement(79902..80333)], rpl2 [complement(80997..81386)], ndhB [complement(84744..85500)], ndhB [complement(86217..86992)], trnI-GAU [92495..92536], trnI-GAU [93247..93281], trnA-UGC [93347..93384], trnA-UGC [94195..94229], ndhA [complement(109474..110013)], ndhA [complement(111041..111589)], trnA-UGC [complement(118968..119002)], trnA-UGC [complement(119813..119850)], trnI-GAU [complement(119916..119950)], trnI-GAU [complement(120661..120702)], ndhB [126205..126981], ndhB [127698..128453], rpl2 [131811..132200], rpl2 [132864..133295]	trnK-UUU [complement(1410..3842)], rps16 [complement(4654..5492)], trnG-UCC [complement(12806..13487)], atpF [33240..34053], ycf3 [complement(42245..42969)], ycf3 [complement(43198..43935)], trnL-UAA [46816..47352], trnV-UAC [complement(50558..51132)], petB [70220..71011], petD [71850..72580], rpl16 [complement(76987..77944)], rpl2 [complement(80334..80996)], ndhB [complement(85501..86216)], trnI-GAU [92537..93246], trnA-UGC [93385..94194], ndhA [complement(110014..111040)], trnA-UGC [complement(119003..119812)], trnI-GAU [complement(119951..120660)], ndhB [126982..127697], rpl2 [132201..132863]
904.	COSG	73	rps12 [complement(101266..101291)], rps12 [complement(101828..102059)], rps12 [complement(73200..73313)], trnK-UUU [complement(1714..1748)], trnK-UUU [complement(4257..4293)], rps16 [complement(5066..5284)], rps16	trnK-UUU [complement(1749..4256)], rps16 [complement(5285..6164)], trnG-UCC [9945..10621], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(6165..6203)], trnG-UCC [9922..9944], trnG-UCC [10622..10669], atpF [complement(12594..13001)], atpF [complement(13686..13844)], rpoC1 [complement(21659..23284)], rpoC1 [complement(24055..24489)], ycf3 [complement(44662..44814)], ycf3 [complement(45561..45788)], ycf3 [complement(46523..46648)], trnL-UAA [49786..49820], trnL-UAA [50342..50391], trnV-UAC [complement(54316..54352)], trnV-UAC [complement(54933..54971)], rps12 [complement(73200..73313)], rps12 [144233..144464], rps12 [145001..145026], clpP [complement(73452..73679)], clpP [complement(74337..74627)], clpP [complement(75448..75516)], petB [78426..78431], petB [79195..79836], petD [80030..80037], petD [80828..81302], rpl16 [complement(84764..85174)], rpl16 [complement(86180..86188)], rpl2 [complement(87855..88289)], rpl2 [complement(88952..89344)], ndhB [complement(98210..98965)], ndhB [complement(99645..100421)], trnI-GAU [106023..106064], trnI-GAU [107005..107039], trnA-UGC [107104..107141], trnA-UGC [107949..107983], ndhA [complement(123833..124372)], ndhA [complement(125483..126034)], trnA-UGC [complement(138309..138343)], trnA-UGC [complement(139151..139188)], trnI-GAU [complement(139253..139287)], trnI-GAU [complement(140228..140269)], ndhB [145871..146647], ndhB [147327..148082], rpl2 [156948..157337], rpl2 [158003..158437]</p>	<p>[complement(13002..13685)], rpoC1 [complement(23285..24054)], ycf3 [complement(44815..45560)], ycf3 [complement(45789..46522)], trnL-UAA [49821..50341], trnV-UAC [complement(54353..54932)], clpP [complement(73680..74336)], clpP [complement(74628..75447)], petB [78432..79194], petD [80038..80827], rpl16 [complement(85175..86179)], rpl2 [complement(88290..88951)], ndhB [complement(98966..99644)], trnI-GAU [106065..107004], trnA-UGC [107142..107948], ndhA [complement(124373..125482)], trnA-UGC [complement(138344..139150)], trnI-GAU [complement(139288..140227)], ndhB [146648..147326], rpl2 [157338..158002]</p>
905.	COSN	56	<p>rps12 [complement(102996..103021)], rps12 [complement(103558..103789)], rps12 [complement(73816..73929)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4430..4466)], trnG-GCC [8279..8301], trnG-GCC [9026..9071], atpF [complement(11772..12182)], atpF [complement(12976..13119)], rpoC1 [complement(21335..22945)], rpoC1 [complement(23735..24166)], ycf3 [complement(45028..45180)], ycf3 [complement(45885..46112)], ycf3 [complement(46849..46974)], trnL-UAA [49244..49280], trnL-UAA [49860..49908], trnV-UAC [complement(54016..54052)], trnV-UAC [complement(54660..54698)], rps12 [complement(73816..73929)], rps12 [147183..147414], rps12 [147951..147976], clpP [complement(74094..74319)], clpP</p>	<p>trnG-GCC [8302..9025], trnL-UAA [49281..49859], trnV-UAC [complement(54053..54659)], clpP [complement(74320..74941)], clpP [complement(75235..76102)], trnI-GAU [107828..108774], trnI-GAU [complement(142198..143144)], rpl2 [160638..161312]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74942..75234)], clpP [complement(76103..76171)], petB [79154..79159], petB [80017..80658], petD [80853..80860], petD [81654..82128], rpl16 [complement(85892..86290)], rpl16 [complement(87366..87374)], rpl2 [complement(89225..89659)], rpl2 [complement(90335..90733)], ndhB [complement(99936..100691)], ndhB [complement(101380..102156)], trnI-GAU [107786..107827], trnI-GAU [108775..108809], trnA-UGC [108874..108911], trnA-UGC [109720..109754], ndhA [complement(126203..126742)], ndhA [complement(127929..128498)], trnA-UGC [complement(141218..141252)], trnA-UGC [complement(142061..142098)], trnI-GAU [complement(142163..142197)], trnI-GAU [complement(143145..143186)], ndhB [148816..149592], ndhB [150281..151036], rpl2 [160239..160637], rpl2 [161313..161747]	
906.	COSS	73	rps12 [complement(100906..100931)], rps12 [complement(101468..101699)], rps12 [complement(72833..72946)], trnK-UUU [complement(1707..1741)], trnK-UUU [complement(4247..4283)], rps16 [complement(5007..5231)], rps16 [complement(6114..6152)], trnG-UCC [9857..9879], trnG-UCC [10562..10609], atpF [complement(12484..12891)], atpF [complement(13586..13744)], rpoC1 [complement(21568..23199)], rpoC1 [complement(23946..24380)], ycf3 [complement(44357..44509)], ycf3 [complement(45253..45480)], ycf3 [complement(46201..46326)], trnL-UAA [49603..49637], trnL-UAA [50082..50131], trnV-UAC [complement(53972..54008)], trnV-UAC [complement(54589..54627)], rps12 [complement(72833..72946)], rps12 [144161..144392], rps12 [144929..144954], clpP [complement(73085..73312)], clpP [complement(73960..74250)], clpP [complement(75062..75130)], petB [78035..78040], petB [78807..79448], petD [79642..79649], petD [80426..80900], rpl16 [complement(84377..84778)], rpl16 [complement(85812..85820)], rpl2 [complement(87489..87923)], rpl2 [complement(88586..88978)], ndhB [complement(97850..98605)], ndhB [complement(99285..100061)], trnI-GAU [105681..105722], trnI-GAU [106665..106699], trnA-UGC [106764..106801], trnA-UGC [107609..107643], ndhA [complement(123620..124159)], ndhA [complement(125289..125840)],	trnK-UUU [complement(1742..4246)], rps16 [complement(5232..6113)], trnG-UCC [9880..10561], atpF [complement(12892..13585)], rpoC1 [complement(23200..23945)], ycf3 [complement(44510..45252)], ycf3 [complement(45481..46200)], trnL-UAA [49638..50081], trnV-UAC [complement(54009..54588)], clpP [complement(73313..73959)], clpP [complement(74251..75061)], petB [78041..78806], petD [79650..80425], rpl16 [complement(84779..85811)], rpl2 [complement(87924..88585)], ndhB [complement(98606..99284)], trnI-GAU [105723..106664], trnA-UGC [106802..107608], ndhA [complement(124160..125288)], trnA-UGC [complement(138252..139058)], trnI-GAU [complement(139196..140137)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(138217..138251)], trnA-UGC [complement(139059..139096)], trnI-GAU [complement(139161..139195)], trnI-GAU [complement(140138..140179)], ndhB [145799..146575], ndhB [147255..148010], rpl2 [156882..157271], rpl2 [157937..158371]	[146576..147254], rpl2 [157272..157936]
907.	COST	49	rps12 [complement(77606..77635)], rps12 [complement(78184..78414)], rps12 [complement(52757..52870)], trnK-UUU [complement(922..956)], trnK-UUU [complement(3802..3838)], rps16 [complement(4298..4541)], rps16 [complement(5416..5456)], trnG-UCC [8380..8402], trnG-UCC [9104..9151], atpF [complement(11133..11522)], atpF [complement(12411..12569)], trnL-UAA [35446..35480], trnL-UAA [36312..36361], trnV-UAC [complement(39299..39344)], trnV-UAC [complement(39926..39964)], rps12 [109530..109760], rps12 [110309..110338], clpP [complement(53009..53261)], clpP [complement(53906..54196)], clpP [complement(55142..55212)], rpl16 [complement(60712..61110)], rpl16 [complement(62431..62439)], rpl2 [complement(64413..64844)], rpl2 [complement(65518..65907)], trnI-GAU [82224..82265], trnI-GAU [83203..83237], trnA-UGC [83302..83339], trnA-UGC [84142..84176], trnA-UGC [complement(103768..103802)], trnA-UGC [complement(104605..104642)], trnI-GAU [complement(104707..104741)], trnI-GAU [complement(105679..105720)], rpl2 [122037..122426], rpl2 [123100..123531]	trnK-UUU [complement(957..3801)], rps16 [complement(4542..5415)], trnG-UCC [8403..9103], atpF [complement(11523..12410)], trnL-UAA [35481..36311], trnV-UAC [complement(39345..39925)], clpP [complement(53262..53905)], clpP [complement(54197..55141)], rpl16 [complement(61111..62430)], rpl2 [complement(64845..65517)], trnI-GAU [82266..83202], trnA-UGC [83340..84141], trnA-UGC [complement(103803..104604)], trnI-GAU [complement(104742..105678)], rpl2 [122427..123099]
908.	COSU	56	rps12 [complement(103046..103071)], rps12 [complement(103608..103839)], rps12 [complement(73875..73988)], trnK-UUU [complement(1856..1890)], trnK-UUU [complement(4456..4492)], trnG-GCC [8359..8381], trnG-GCC [9107..9152], atpF [complement(11825..12235)], atpF [complement(13027..13170)], rpoC1 [complement(21413..23023)], rpoC1 [complement(23813..24244)], ycf3 [complement(45087..45239)], ycf3 [complement(45942..46169)], ycf3 [complement(46906..47031)], trnL-UAA [49301..49337], trnL-UAA [49917..49965], trnV-UAC [complement(54075..54111)], trnV-UAC [complement(54719..54757)], rps12 [complement(73875..73988)], rps12 [147193..147424], rps12 [147961..147986], clpP [complement(74153..74378)], clpP [complement(75000..75292)], clpP [complement(76161..76229)], petB	trnG-GCC [8382..9106], trnL-UAA [49338..49916], trnV-UAC [complement(54112..54718)], clpP [complement(74379..74999)], clpP [complement(75293..76160)], trnI-GAU [107878..108824], trnI-GAU [complement(142208..143154)], rpl2 [160648..161322]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79213..79218], petB [80057..80698], petD [80893..80900], petD [81694..82168], rpl16 [complement(85939..86337)], rpl16 [complement(87416..87424)], rpl2 [complement(89275..89709)], rpl2 [complement(90385..90783)], ndhB [complement(99986..100741)], ndhB [complement(101430..102206)], trnI-GAU [107836..107877], trnI-GAU [108825..108859], trnA-UGC [108924..108961], trnA-UGC [109770..109804], ndhA [complement(126214..126753)], ndhA [complement(127940..128509)], trnA-UGC [complement(141228..141262)], trnA-UGC [complement(142071..142108)], trnI-GAU [complement(142173..142207)], trnI-GAU [complement(143155..143196)], ndhB [148826..149602], ndhB [150291..151046], rpl2 [160249..160647], rpl2 [161323..161757]	
909.	COTE	72	trnK [complement(1890..1924)], trnK [complement(4463..4499)], rps16 [complement(5087..5280)], rps16 [complement(6163..6202)], trnG [9702..9724], trnG [10469..10517], atpF [complement(12760..13184)], atpF [complement(13942..14086)], rpoC1 [complement(22255..23871)], rpoC1 [complement(24608..25060)], ycf3 [complement(45884..46036)], ycf3 [complement(46768..46997)], ycf3 [complement(47753..47876)], trnL [51210..51244], trnL [51760..51805], trnV [complement(55026..55060)], trnV [complement(55661..55699)], rps12 [74054..74167], rps12 [145616..145854], rps12 [146383..146419], rps12 [complement(102899..103129)], rps12 [complement(102326..102352)], clpP [complement(74334..74561)], clpP [complement(75170..75461)], clpP [complement(76338..76408)], petB [79219..79224], petB [80001..80642], petD [80835..80842], petD [81600..82074], rpl16 [complement(85573..85971)], rpl16 [complement(86990..86998)], rpl2 [complement(88667..89100)], rpl2 [complement(89765..90155)], ndhB [complement(99265..100020)], ndhB [complement(100703..101479)], trnI [107088..107124], trnI [108076..108110], trnA [108180..108217], trnA [109021..109055], ndhA [complement(124977..125516)], ndhA [complement(126583..127134)], trnA [complement(139690..139724)], trnA [complement(140528..140565)], trnI [complement(140636..140670)], trnI [complement(141622..141658)], ndhB [147266..148042], ndhB [148725..149480], rpl2 [158590..158980], rpl2	trnK [complement(1925..4462)], rps16 [complement(5281..6162)], trnG [9725..10468], atpF [complement(13185..13941)], rpoC1 [complement(23872..24607)], ycf3 [complement(46037..46767)], ycf3 [complement(46998..47752)], trnL [51245..51759], trnV [complement(55061..55660)], clpP [complement(74562..75169)], clpP [complement(75462..76337)], petB [79225..80000], petD [80843..81599], rpl16 [complement(85972..86989)], rpl2 [complement(89101..89764)], ndhB [complement(100021..100702)], trnI [107125..108075], trnA [108218..109020], ndhA [complement(125517..126582)], trnA [complement(139725..140527)], trnI [complement(140671..141621)], ndhB [148043..148724], rpl2 [158981..159644]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[159645..160078]	
910.	COTI	67	trnK [complement(1686..1720)], trnK [complement(4310..4346)], rps16 [complement(4991..5217)], rps16 [complement(6089..6128)], trnG [8539..8561], trnG [9283..9331], atpF [complement(11428..11837)], atpF [complement(12577..12721)], rpoC1 [complement(20190..21800)], rpoC1 [complement(22581..23012)], ycf3 [complement(42229..42381)], ycf3 [complement(43180..43407)], ycf3 [complement(44122..44247)], trnL [46719..46753], trnL [47076..47125], trnA; trnV [complement(50671..50705)], trnA; trnV [complement(51309..51347)], clpP [complement(69379..69606)], clpP [complement(70189..70480)], clpP [complement(71362..71432)], petB [74392..74397], petB [75193..75834], petD [76031..76038], petD [76755..77229], rpl16 [complement(80746..81144)], rpl16 [complement(82259..82267)], rpl2 [complement(83960..84394)], rpl2 [complement(85068..85457)], ndhB [complement(94547..95308)], ndhB [complement(95994..96770)], trnI [102323..102359], trnI [103314..103348], trnA; trnV [103413..103450], trnA; trnV [104251..104285], ndhA [116358..116910], ndhA [118011..118540], trnA; trnV [complement(134226..134260)], trnA; trnV [complement(135061..135098)], trnI [complement(135163..135197)], trnI [complement(136152..136188)], ndhB [141741..142517], ndhB [143203..143964], rpl2 [153054..153443], rpl2 [154117..154551]	trnK [complement(1721..4309)], rps16 [complement(5218..6088)], trnG [8562..9282], atpF [complement(11838..12576)], rpoC1 [complement(21801..22580)], ycf3 [complement(42382..43179)], ycf3 [complement(43408..44121)], trnL [46754..47075], trnA; trnV [complement(50706..51308)], clpP [complement(69607..70188)], clpP [complement(70481..71361)], petB [74398..75192], petD [76039..76754], rpl16 [complement(81145..82258)], rpl2 [complement(84395..85067)], ndhB [complement(95309..95993)], trnI [102360..103313], trnA; trnV [103451..104250], ndhA [116911..118010], trnA; trnV [complement(134261..135060)], trnI [complement(135198..136151)], ndhB [142518..143202], rpl2 [153444..154116]
911.	COTN	64	rps12 [complement(88576..88604)], rps12 [complement(89145..89376)], rps12 [complement(67488..67601)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3904..3940)], rps16 [complement(4507..4724)], rps16 [complement(5517..5556)], trnG-UCC [complement(12782..12829)], trnG-UCC [complement(13513..13535)], atpF [32647..32791], atpF [33611..34017], ycf3 [complement(41862..42022)], ycf3 [complement(42746..42971)], ycf3 [complement(43727..43852)], trnL-UAA [46401..46435], trnL-UAA [47009..47058], trnV-UAC [complement(50639..50675)], trnV-UAC [complement(51272..51310)], rps12 [126199..126430], rps12 [126971..126999], petB [71329..71334], petB [72081..72722], petD [72909..72916], petD [73666..74140], rpl16 [complement(77729..78130)],	trnK-UUU [complement(1418..3903)], rps16 [complement(4725..5516)], trnG-UCC [complement(12830..13512)], atpF [32792..33610], ycf3 [complement(42023..42745)], ycf3 [complement(42972..43726)], trnL-UAA [46436..47008], trnV-UAC [complement(50676..51271)], petB [71335..72080], petD [72917..73665], rpl16 [complement(78131..79177)], rpl2 [complement(81610..82272)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(79178..79186)], rpl2 [complement(81179..81609)], rpl2 [complement(82273..82663)], ndhB [complement(85508..86263)], ndhB [complement(86976..87752)], trnI-GAU [93197..93233], trnI-GAU [94040..94074], trnA-UGC [94140..94177], trnA-UGC [94989..95023], ndhA [complement(111081..111619)], ndhA [complement(112646..113195)], trnA-UGC [complement(120552..120586)], trnA-UGC [complement(121398..121435)], trnI-GAU [complement(121501..121535)], trnI-GAU [complement(122342..122378)], ndhB [127823..128599], ndhB [129312..130067], rpl2 [132912..133302], rpl2 [133966..134396]	[complement(86264..86975)], trnI-GAU [93234..94039], trnA-UGC [94178..94988], ndhA [complement(111620..112645)], trnA-UGC [complement(120587..121397)], trnI-GAU [complement(121536..122341)], ndhB [128600..129311], rpl2 [133303..133965]
912.	COTO	66	rps16 [complement(5085..5278)], rps16 [complement(6161..6200)], atpF [complement(12784..13208)], atpF [complement(13966..14110)], rpoC1 [complement(22303..23919)], rpoC1 [complement(24656..25108)], ycf3 [complement(45930..46082)], ycf3 [complement(46814..47043)], ycf3 [complement(47799..47922)], trnL-UAA [51281..51315], trnL-UAA [51831..51876], trnV-UAC [complement(54888..54922)], trnV-UAC [complement(55523..55561)], rps12 [73928..74041], rps12 [145483..145721], rps12 [146250..146286], rps12 [complement(102776..103006)], rps12 [complement(102203..102229)], clpP [complement(74208..74435)], clpP [complement(75045..75336)], clpP [complement(76213..76283)], petB [79094..79099], petB [79876..80517], petD [80710..80717], petD [81475..81949], rpl16 [complement(85449..85847)], rpl16 [complement(86866..86874)], rpl2 [complement(88544..88977)], rpl2 [complement(89642..90032)], ndhB [complement(99142..99897)], ndhB [complement(100580..101356)], trnI-GAU [106965..107001], trnI-GAU [107953..107987], trnA-UGC [108057..108094], trnA-UGC [108898..108932], ndhA [complement(124846..125385)], ndhA [complement(126450..127001)], trnA-UGC [complement(139557..139591)], trnA-UGC [complement(140395..140432)], trnI-GAU [complement(140503..140537)], trnI-GAU [complement(141489..141525)], ndhB [147133..147909], ndhB [148592..149347], rpl2 [158457..158847], rpl2 [159512..159945]	rps16 [complement(5279..6160)], atpF [complement(13209..13965)], rpoC1 [complement(23920..24655)], ycf3 [complement(46083..46813)], ycf3 [complement(47044..47798)], trnL-UAA [51316..51830], trnV-UAC [complement(54923..55522)], clpP [complement(74436..75044)], clpP [complement(75337..76212)], petB [79100..79875], petD [80718..81474], rpl16 [complement(85848..86865)], rpl2 [complement(88978..89641)], ndhB [complement(99898..100579)], trnI-GAU [107002..107952], trnA-UGC [108095..108897], ndhA [complement(125386..126449)], trnA-UGC [complement(139592..140394)], trnI-GAU [complement(140538..141488)], ndhB [147910..148591], rpl2 [158848..159511]
913.	COTR	60	rps12 [complement(97439..97470)], rps12 [complement(98012..98240)], rps12 [complement(68053..68169)], trnK-UUU [complement(1404..1438)],	trnK-UUU [complement(1439..4203)], rps16 [complement(4944..5808)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4204..4240)], rps16 [complement(4700..4943)], rps16 [complement(5809..5849)], trnG-UCC [8738..8760], trnG-UCC [9453..9493], atpF [complement(11470..11880)], atpF [complement(12766..12909)], rpoC1 [complement(20242..21853)], rpoC1 [complement(22631..23058)], ycf3 [complement(42048..42202)], ycf3 [complement(42938..43164)], ycf3 [complement(43882..44006)], trnL-UAA [46378..46412], trnL-UAA [47260..47309], trnV-UAC [complement(49709..49745)], trnV-UAC [complement(50327..50365)], rps12 [134235..134463], rps12 [135011..135036], clpP [complement(68284..68547)], clpP [complement(69190..69481)], clpP [complement(70399..70469)], petB [73955..73960], petB [74677..75324], petD [75489..75496], petD [76336..76810], rpl16 [complement(80308..80703)], rpl16 [complement(81833..81841)], rpl2 [complement(83799..84230)], rpl2 [complement(84904..85293)], trnI-GAU [102212..102253], trnI-GAU [103202..103236], trnA-UGC [complement(128308..128342)], trnA-UGC [complement(129137..129174)], trnI-GAU [complement(129239..129273)], trnI-GAU [complement(130222..130263)], rpl2 [147182..147571], rpl2 [148245..148676]	[8761..9452], atpF [complement(11881..12765)], rpoC1 [complement(21854..22630)], ycf3 [complement(42203..42937)], ycf3 [complement(43165..43881)], trnL-UAA [46413..47259], trnV-UAC [complement(49746..50326)], clpP [complement(68548..69189)], clpP [complement(69482..70398)], petB [73961..74676], petD [75497..76335], rpl16 [complement(80704..81832)], rpl2 [complement(84231..84903)], trnI-GAU [102254..103201], trnA-UGC [complement(128343..129136)], trnI-GAU [complement(129274..130221)], rpl2 [147572..148244]
914.	COUN	72	rps12 [complement(99911..99936)], rps12 [complement(100472..100703)], rps12 [complement(72029..72142)], trnK-UUU [complement(1744..1778)], trnK-UUU [complement(4269..4305)], rps16 [complement(5084..5293)], rps16 [complement(6177..6215)], trnG-UCC [9281..9303], trnG-UCC [9981..10028], atpF [complement(11908..12315)], atpF [complement(13004..13162)], rpoC1 [complement(21114..22745)], rpoC1 [complement(23484..23918)], ycf3 [complement(43639..43791)], ycf3 [complement(44551..44778)], ycf3 [complement(45509..45634)], trnL-UAA [48729..48763], trnL-UAA [49278..49327], trnV-UAC [complement(53179..53215)], trnV-UAC [complement(53790..53828)], rps12 [142960..143191], rps12 [143727..143752], clpP [complement(72286..72513)], clpP [complement(73191..73481)], clpP [complement(74243..74311)], petB [77224..77229], petB [77933..78574], petD [78768..78775], petD [79521..79995], rpl16 [complement(83462..83863)], rpl16	trnK-UUU [complement(1779..4268)], rps16 [complement(5294..6176)], trnG-UCC [9304..9980], atpF [complement(12316..13003)], rpoC1 [complement(22746..23483)], ycf3 [complement(43792..44550)], ycf3 [complement(44779..45508)], trnL-UAA [48764..49277], trnV-UAC [complement(53216..53789)], clpP [complement(72514..73190)], clpP [complement(73482..74242)], petB [77230..77932], petD [78776..79520], rpl16 [complement(83864..84869)], rpl2 [complement(86943..87604)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84870..84878)], rpl2 [complement(86508..86942)], rpl2 [complement(87605..87997)], ndhB [complement(96853..97608)], ndhB [complement(98290..99066)], trnI-GAU [104625..104666], trnI-GAU [105611..105645], trnA-UGC [105710..105747], trnA-UGC [106556..106590], ndhA [complement(122575..123114)], ndhA [complement(124308..124859)], trnA-UGC [complement(137073..137107)], trnA-UGC [complement(137916..137953)], trnI-GAU [complement(138018..138052)], trnI-GAU [complement(138997..139038)], ndhB [144597..145373], ndhB [146055..146810], rpl2 [155666..156055], rpl2 [156721..157155]	[complement(97609..98289)], trnI-GAU [104667..105610], trnA-UGC [105748..106555], ndhA [complement(123115..124307)], trnA-UGC [complement(137108..137915)], trnI-GAU [complement(138053..138996)], ndhB [145374..146054], rpl2 [156056..156720]
915.	COVO	73	rps12 [complement(100822..100847)], rps12 [complement(101384..101615)], rps12 [complement(72861..72974)], trnK-UUU [complement(1693..1727)], trnK-UUU [complement(4228..4264)], rps16 [complement(4994..5218)], rps16 [complement(6113..6151)], trnG-UCC [9818..9840], trnG-UCC [10522..10569], atpF [complement(12458..12865)], atpF [complement(13557..13715)], rpoC1 [complement(21539..23170)], rpoC1 [complement(23910..24344)], ycf3 [complement(44415..44567)], ycf3 [complement(45311..45538)], ycf3 [complement(46259..46384)], trnL-UAA [49601..49635], trnL-UAA [50070..50119], trnV-UAC [complement(54026..54062)], trnV-UAC [complement(54638..54676)], rps12 [complement(72861..72974)], rps12 [144008..144239], rps12 [144776..144801], clpP [complement(73113..73340)], clpP [complement(73984..74274)], clpP [complement(75078..75146)], petB [78051..78056], petB [78818..79459], petD [79653..79660], petD [80423..80897], rpl16 [complement(84370..84771)], rpl16 [complement(85809..85817)], rpl2 [complement(87482..87916)], rpl2 [complement(88579..88971)], ndhB [complement(97766..98521)], ndhB [complement(99201..99977)], trnI-GAU [105593..105634], trnI-GAU [106576..106610], trnA-UGC [106675..106712], trnA-UGC [107520..107554], ndhA [complement(123522..124061)], ndhA [complement(125188..125739)], trnA-UGC [complement(138069..138103)], trnA-UGC [complement(138911..138948)], trnI-GAU [complement(139013..139047)], trnI-GAU [complement(139989..140030)], ndhB [145646..146422], ndhB	trnK-UUU [complement(1728..4227)], rps16 [complement(5219..6112)], trnG-UCC [9841..10521], atpF [complement(12866..13556)], rpoC1 [complement(23171..23909)], ycf3 [complement(44568..45310)], ycf3 [complement(45539..46258)], trnL-UAA [49636..50069], trnV-UAC [complement(54063..54637)], clpP [complement(73341..73983)], clpP [complement(74275..75077)], petB [78057..78817], petD [79661..80422], rpl16 [complement(84772..85808)], rpl2 [complement(87917..88578)], ndhB [complement(98522..99200)], trnI-GAU [105635..106575], trnA-UGC [106713..107519], ndhA [complement(124062..125187)], trnA-UGC [complement(138104..138910)], trnI-GAU [complement(139048..139988)], ndhB [146423..147101], rpl2 [157042..157706]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[147102..147857], rpl2 [156652..157041], rpl2 [157707..158141]	
916.	COW A	72	rps12 [complement(102178..102204)], rps12 [complement(102741..102971)], rps12 [complement(74130..74243)], trnK-UUU [complement(1837..1871)], trnK-UUU [complement(4408..4444)], rps16 [complement(5513..5724)], rps16 [complement(6607..6646)], trnG-UCC [10407..10430], trnG-UCC [11150..11197], atpF [complement(13438..13848)], atpF [complement(14599..14742)], rpoC1 [complement(22960..24576)], rpoC1 [complement(25401..25856)], ycf3 [complement(46657..46809)], ycf3 [complement(47586..47815)], ycf3 [complement(48524..48650)], trnL-UAA [51275..51311], trnL-UAA [51849..51898], trnV-UAC [complement(55432..55468)], trnV-UAC [complement(56109..56146)], rps12 [complement(74130..74243)], rps12 [145598..145828], rps12 [146366..146395], clpP [complement(74382..74609)], clpP [complement(75225..75516)], clpP [complement(76337..76407)], petB [79360..79365], petB [80166..80807], petD [81017..81024], petD [81639..82119], rpl16 [complement(85603..86001)], rpl16 [complement(87085..87093)], rpl2 [complement(88818..89287)], rpl2 [complement(89937..90330)], ndhB [complement(99107..99868)], ndhB [complement(100555..101331)], trnI-GAU [106754..106795], trnI-GAU [107747..107781], trnA-UGC [107846..107883], trnA-UGC [108688..108729], ndhA [complement(125016..125554)], ndhA [complement(126741..127296)], trnA-UGC [complement(139840..139881)], trnA-UGC [complement(140788..140822)], trnI-GAU [complement(141774..141815)], ndhB [147238..148014], ndhB [148701..149462], rpl2 [158239..158629], rpl2 [159282..159751]	trnK-UUU [complement(1872..4407)], rps16 [complement(5725..6606)], trnG-UCC [10431..11149], atpF [complement(13849..14598)], rpoC1 [complement(24577..25400)], ycf3 [complement(46810..47585)], ycf3 [complement(47816..48523)], trnL-UAA [51312..51848], trnV-UAC [complement(55469..56108)], clpP [complement(74610..75224)], clpP [complement(75517..76336)], petB [79366..80165], petD [81025..81638], rpl16 [complement(86002..87084)], rpl2 [complement(89288..89936)], ndhB [complement(99869..100554)], trnI-GAU [106796..107746], trnA-UGC [107884..108687], ndhA [complement(125555..126740)], trnA-UGC [complement(139882..140787)], trnI-GAU [complement(140823..141773)], ndhB [148015..148700], rpl2 [158630..159281]
917.	COW G	37	rps12 [complement(100273..100515)], rps12 [complement(72810..72941)], rps16 [complement(5041..5253)], rps16 [complement(6139..6186)], atpF [complement(12576..13000)], atpF [complement(13743..13890)], rpoC1 [complement(21916..23526)], rpoC1 [complement(24314..24748)], ycf3 [complement(44007..44159)], ycf3 [complement(44935..45164)], ycf3 [complement(45881..46007)], rps12 [141699..141977], clpP [complement(73101..73326)], clpP [complement(73971..74264)], clpP	rps16 [complement(5254..6138)], atpF [complement(13001..13742)], rpoC1 [complement(23527..24313)], ycf3 [complement(44160..44934)], ycf3 [complement(45165..45880)], clpP [complement(73327..73970)], clpP [complement(74265..75090)], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75091..75161)], rpl16 [complement(84433..84843)], rpl16 [complement(85858..85866)], ycf15 [95060..95212], ycf15 [95514..95609], ndhB [96663..97437], ndhB [98122..98876], ndhA [complement(121776..122314)], ndhA [complement(123422..123977)], rpl2 [153991..154381], rpl2 [155011..155480]	[complement(84844..85857)], ycf15 [95213..95513], ndhB [97438..98121], ndhA [complement(122315..123421)], rpl2 [154382..155010]
918.	COWI	63	rps12 [complement(96008..96033)], rps12 [complement(96572..96800)], rps12 [complement(67201..67314)], trnK-UUU [complement(1406..1440)], trnK-UUU [complement(4266..4302)], rps16 [complement(4629..4872)], rps16 [complement(5735..5775)], trnG-UCC [8613..8635], trnG-UCC [9327..9374], atpF [complement(11361..11771)], atpF [complement(12665..12799)], rpoC1 [complement(19863..21477)], rpoC1 [complement(22256..22683)], ycf3 [complement(41500..41654)], ycf3 [complement(42381..42607)], ycf3 [complement(43325..43449)], trnL-UAA [45803..45837], trnL-UAA [46645..46694], trnV-UAC [complement(48892..48937)], trnV-UAC [complement(49510..49548)], rps12 [131988..132216], rps12 [132755..132780], clpP [complement(67448..67708)], clpP [complement(68374..68665)], clpP [complement(69559..69629)], petB [73148..73153], petB [73866..74513], petD [74678..74685], petD [75508..75982], rpl16 [complement(79508..79906)], rpl16 [complement(81029..81037)], rpl2 [complement(83051..83482)], rpl2 [complement(84156..84545)], trnI-GAU [100763..100804], trnI-GAU [101747..101781], trnA-UGC [101853..101890], trnA-UGC [102695..102729], trnA-UGC [complement(126059..126093)], trnA-UGC [complement(126898..126935)], trnI-GAU [complement(127007..127041)], trnI-GAU [complement(127984..128025)], rpl2 [144243..144632], rpl2 [145306..145737]	trnK-UUU [complement(1441..4265)], rps16 [complement(4873..5734)], trnG-UCC [8636..9326], atpF [complement(11772..12664)], rpoC1 [complement(21478..22255)], ycf3 [complement(41655..42380)], ycf3 [complement(42608..43324)], trnL-UAA [45838..46644], trnV-UAC [complement(48938..49509)], clpP [complement(67709..68373)], clpP [complement(68666..69558)], petB [73154..73865], petD [74686..75507], rpl16 [complement(79907..81028)], rpl2 [complement(83483..84155)], trnI-GAU [100805..101746], trnA-UGC [101891..102694], trnA-UGC [complement(126094..126897)], trnI-GAU [complement(127042..127983)], rpl2 [144633..145305]
919.	COYU	66	rps16 [complement(5513..5724)], rps16 [complement(6607..6646)], trnG-UCC [10385..10408], trnG-UCC [11129..11176], atpF [complement(13409..13819)], atpF [complement(14570..14713)], rpoC1 [complement(22931..24547)], rpoC1 [complement(25367..25822)], ycf3 [complement(46623..46775)], ycf3 [complement(47552..47781)], ycf3 [complement(48490..48616)], trnL-UAA [51241..51277], trnL-UAA	rps16 [complement(5725..6606)], trnG-UCC [10409..11128], atpF [complement(13820..14569)], rpoC1 [complement(24548..25366)], ycf3 [complement(46776..47551)], ycf3 [complement(47782..48489)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51815..51864], trnV-UAC [complement(55417..55453)], trnV-UAC [complement(56094..56131)], rps12 [complement(74113..74226)], rps12 [145541..145771], rps12 [146309..146338], clpP [complement(74365..74592)], clpP [complement(75208..75499)], clpP [complement(76320..76390)], petB [79343..79348], petB [80149..80790], petD [81000..81007], petD [81622..82102], rpl16 [complement(85586..85984)], rpl16 [complement(87068..87076)], rpl2 [complement(88802..89271)], rpl2 [complement(89921..90314)], ndhB [complement(99091..99852)], ndhB [complement(100539..101315)], trnI-GAU [106738..106779], trnI-GAU [107731..107765], trnA-UGC [107830..107867], trnA-UGC [108672..108713], ndhA [complement(124959..125497)], ndhA [complement(126684..127239)], trnA-UGC [complement(139783..139824)], trnA-UGC [complement(140731..140765)], trnI-GAU [complement(141717..141758)], ndhB [147181..147957], ndhB [148644..149405], rpl2 [158182..158572], rpl2 [159225..159694]	[51278..51814], trnV-UAC [complement(55454..56093)], clpP [complement(74593..75207)], clpP [complement(75500..76319)], petB [79349..80148], petD [81008..81621], rpl16 [complement(85985..87067)], rpl2 [complement(89272..89920)], ndhB [complement(99853..100538)], trnI-GAU [106780..107730], trnA-UGC [107868..108671], ndhA [complement(125498..126683)], trnA-UGC [complement(139825..140730)], trnI-GAU [complement(140766..141716)], ndhB [147958..148643], rpl2 [158573..159224]
920.	CRAB	25	trnK-UUU [complement(1396..1428)], trnK-UUU [complement(3909..3946)], trnG-UCC [complement(13473..13520)], trnG-UCC [complement(14202..14224)], rps12 [129386..129414]	trnK-UUU [complement(1429..3908)], rps16 [complement(4714..5551)], trnG-UCC [complement(13521..14201)], atpF [35269..36085], ycf3 [complement(44449..45189)], ycf3 [complement(45418..46156)], trnL-UAA [49059..49604], trnV-UAC [complement(53290..53885)], petB [73835..74241], petD [75080..75820], rpl16 [complement(80253..81321)], rpl2 [complement(83720..84379)], ndhB [complement(88886..89597)], trnI-GAU [95868..96820], trnA-UGC [96959..97768], ndhA [complement(113872..114898)], trnA-UGC [complement(122849..123658)], trnI-GAU [complement(123797..124749)], ndhB [131020..131731], rpl2 [136238..136897]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
921.	CRAP	73	<p>rps12 [complement(101700..101725)], rps12 [complement(102279..102510)], rps12 [complement(71486..71599)], trnK-UUU [complement(1882..1916)], trnK-UUU [complement(4831..4867)], rps16 [complement(5160..5321)], rps16 [complement(6045..6188)], trnG-GCC [10289..10319], trnG-GCC [11000..11058], atpF [complement(12943..13353)], atpF [complement(14298..14441)], rpoC1 [complement(21914..23530)], rpoC1 [complement(24319..24753)], ycf3 [complement(43881..44033)], ycf3 [complement(44867..45094)], ycf3 [complement(45816..45941)], trnL-UAA [48641..48675], trnL-UAA [49486..49535], trnV-UAC [complement(52051..52096)], trnV-UAC [complement(52669..52707)], rps12 [complement(71486..71599)], rps12 [139909..140140], rps12 [140694..140719], clpP [complement(71733..71985)], clpP [complement(72649..72939)], clpP [complement(73911..73978)], petB [77460..77466], petB [78193..78830], petD [79002..79009], petD [79877..80372], rpl16 [complement(83992..84390)], rpl16 [complement(85640..85648)], rpl2 [complement(87654..88085)], rpl2 [complement(88756..89142)], ndhB [complement(98627..99382)], ndhB [complement(100082..100858)], trnI-GAU [106606..106642], trnI-GAU [107586..107620], trnA-UGC [107685..107722], trnA-UGC [108524..108558], ndhA [complement(120614..120688)], ndhA [complement(120781..121356)], trnA-UGC [complement(133861..133895)], trnA-UGC [complement(134697..134734)], trnI-GAU [complement(134799..134833)], trnI-GAU [complement(135777..135813)], ndhB [141561..142337], ndhB [143037..143792], rpl2 [153277..153663], rpl2 [154334..154765]</p>	<p>trnK-UUU [complement(1917..4830)], rps16 [complement(5322..6044)], trnG-GCC [10320..10999], atpF [complement(13354..14297)], rpoC1 [complement(23531..24318)], ycf3 [complement(44034..44866)], ycf3 [complement(45095..45815)], trnL-UAA [48676..49485], trnV-UAC [complement(52097..52668)], clpP [complement(71986..72648)], clpP [complement(72940..73910)], petB [77467..78192], petD [79010..79876], rpl16 [complement(84391..85639)], rpl2 [complement(88086..88755)], ndhB [complement(99383..100081)], trnI-GAU [106643..107585], trnA-UGC [107723..108523], ndhA [complement(120689..120780)], trnA-UGC [complement(133896..134696)], trnI-GAU [complement(134834..135776)], ndhB [142338..143036], rpl2 [153664..154333]</p>
922.	CRCA	56	<p>rps12 [complement(94980..95005)], rps12 [complement(95547..95775)], rps12 [complement(67184..67297)], rps16 [complement(4716..4927)], rps16 [complement(5809..5848)], atpF [complement(10771..11181)], atpF [complement(11947..12090)], rpoC1 [complement(19299..20915)], rpoC1 [complement(21671..22102)], ycf3 [complement(40594..40746)], ycf3 [complement(41490..41719)], ycf3 [complement(42461..42584)], rps12 [136354..136582], rps12 [137124..137149], clpP [complement(67431..67682)], clpP [complement(68327..68618)], clpP [complement(69414..69484)], petB</p>	<p>trnK-UUU [complement(1435..4090)], rps16 [complement(4928..5808)], trnG-UCC [8162..8855], atpF [complement(11182..11946)], rpoC1 [complement(20916..21670)], ycf3 [complement(40747..41489)], ycf3 [complement(41720..42460)], trnL-UAA [45152..45633], trnV-UAC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72402..72407], petB [73166..73813], petD [74024..74031], petD [74779..75259], rpl16 [complement(78720..79118)], rpl16 [complement(80055..80063)], rpl2 [complement(81873..82303)], rpl2 [complement(82968..83358)], ndhB [complement(91906..92661)], ndhB [complement(93358..94134)], ndhA [complement(116444..116967)], ndhA [complement(118038..118590)], ndhB [137995..138771], ndhB [139468..140223], rpl2 [148771..149161], rpl2 [149826..150256]	[complement(48861..49467)], clpP [complement(67683..68326)], clpP [complement(68619..69413)], petB [72408..73165], petD [74032..74778], rpl16 [complement(79119..80054)], rpl2 [complement(82304..82967)], ndhB [complement(92662..93357)], trnI-GUA [99725..100666], trnA-UGC [100803..101621], ndhA [complement(116968..118037)], trnA-UGC [complement(130508..131326)], trnI-GUA [complement(131463..132404)], ndhB [138772..139467], rpl2 [149162..149825]
923.	CRCH	62	trnK-UUU [complement(1334..1368)], trnK-UUU [complement(3870..3906)], rps16 [complement(4717..4934)], rps16 [complement(5759..5801)], trnG-UCC [complement(9061..9084)], trnG-UCC [complement(9864..9911)], atpF [complement(11829..12238)], atpF [complement(12958..13102)], rpoC1 [complement(20862..22481)], rpoC1 [complement(23208..23639)], ycf3 [complement(43966..44118)], ycf3 [complement(44857..45084)], ycf3 [complement(45809..45934)], trnL-UAG [48674..48708], trnL-UAG [49185..49234], trnV-UAC [complement(53761..53795)], trnV-UAC [complement(54384..54422)], rps12 [143466..143491], clpP [complement(72904..73149)], clpP [complement(73803..74095)], clpP [complement(74877..74946)], petB [77842..77847], petB [78648..79289], petD [79483..79490], petD [80223..80697], rpl16 [complement(84152..84547)], rpl16 [complement(85531..85539)], ndhB [complement(96293..97048)], ndhB [complement(97751..98473)], trnI-GAU [104004..104040], trnI-GAU [104985..105019], trnA-UGC [105084..105121], trnA-UGC [105924..105958], ndhA [complement(122461..122999)], ndhA [complement(124089..124641)], trnA-UGC [complement(136910..136944)], trnA-UGC [complement(137747..137784)], trnI-GAU [complement(137849..137883)], trnI-GAU [complement(138828..138864)], ndhB [144395..145117], ndhB	trnK-UUU [complement(1369..3869)], rps16 [complement(4935..5758)], trnG-UCC [complement(9085..9863)], atpF [complement(12239..12957)], rpoC1 [complement(22482..23207)], ycf3 [complement(44119..44856)], ycf3 [complement(45085..45808)], trnL-UAG [48709..49184], trnV-UAC [complement(53796..54383)], clpP [complement(73150..73802)], clpP [complement(74096..74876)], petB [77848..78647], petD [79491..80222], rpl16 [complement(84548..85530)], ndhB [complement(97049..97750)], trnI-GAU [104041..104984], trnA-UGC [105122..105923], ndhA [complement(123000..124088)], trnA-UGC [complement(136945..137746)], trnI-GAU [complement(137884..138827)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145820..146575]	[145118..145819]
924.	CRCI	70	rps12 [complement(96546..96788)], rps12 [complement(68445..68558)], trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4309..4345)], rps16 [complement(5194..5378)], rps16 [complement(6246..6285)], rpoC1 [15909..16337], rpoC1 [17070..18710], atpF [26574..26718], atpF [27417..27826], trnG-UCC [complement(29821..29867)], trnG-UCC [complement(30598..30620)], ycf3 [complement(41785..41937)], ycf3 [complement(42678..42905)], ycf3 [complement(43607..43732)], trnL-UAA [46582..46618], trnL-UAA [47043..47092], trnV-UAC [complement(51099..51135)], trnV-UAC [complement(51713..51750)], rps12 [137129..137371], clpP [complement(68707..68934)], clpP [complement(69541..69832)], clpP [complement(70633..70703)], petB [73625..73630], petB [74378..75019], petD [75208..75215], petD [75891..76365], rpl16 [complement(79822..80220)], rpl16 [complement(81231..81239)], rpl2 [complement(82943..83377)], rpl2 [complement(84040..84432)], ndhB [complement(92977..93732)], ndhB [complement(94403..95179)], trnI-GAU [100703..100744], trnI-GAU [101521..101555], trnA-UGC [101620..101657], trnA-UGC [102470..102504], ndhA [complement(117516..118054)], ndhA [complement(119139..119691)], trnA-UGC [complement(131413..131447)], trnA-UGC [complement(132260..132297)], trnI-GAU [complement(132362..132396)], trnI-GAU [complement(133173..133214)], ndhB [138738..139514], ndhB [140185..140940], rpl2 [149485..149877], rpl2 [150540..150974]	trnK-UUU [complement(1765..4308)], rps16 [complement(5379..6245)], rpoC1 [16338..17069], atpF [26719..27416], trnG-UCC [complement(29868..30597)], ycf3 [complement(41938..42677)], ycf3 [complement(42906..43606)], trnL-UAA [46619..47042], trnV-UAC [complement(51136..51712)], clpP [complement(68935..69540)], clpP [complement(69833..70632)], petB [73631..74377], petD [75216..75890], rpl16 [complement(80221..81230)], rpl2 [complement(83378..84039)], ndhB [complement(93733..94402)], trnI-GAU [100745..101520], trnA-UGC [101658..102469], ndhA [complement(118055..119138)], trnA-UGC [complement(131448..132259)], trnI-GAU [complement(132397..133172)], ndhB [139515..140184], rpl2 [149878..150539]
925.	CRCR	42	rps12 [complement(91232..91474)], rps12 [complement(65032..65124)], atpA [complement(8795..10252)], atpA [complement(10263..10319)], atpF [complement(10381..10857)], atpF [complement(11510..11650)], rpoC1 [complement(19350..20967)], rpoC1 [complement(21142..21602)], ycf3 [complement(39032..39184)], ycf3 [complement(39940..40169)], ycf3 [complement(40887..41013)], ndhJ [complement(45074..45271)], ndhJ [complement(45299..45571)], accD [53499..53768], accD [53829..54395], rps12 [130349..130690], clpP [complement(65289..65520)], clpP [complement(66148..66441)], clpP [complement(67197..67270)], ndhB	atpA [complement(10253..10262)], atpF [complement(10858..11509)], rpoC1 [complement(20968..21141)], ycf3 [complement(39185..39939)], ycf3 [complement(40170..40886)], ndhJ [complement(45272..45298)], accD [53769..53828], clpP [complement(65521..66147)], clpP [complement(66442..67196)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87687..88438)], ndhB [complement(89107..89884)], ccsA [109294..109788], ccsA [109766..110092], ccsA [110079..110213], ndhA [complement(114264..114802)], ndhA [complement(115495..116056)], ndhB [132048..132822], ndhB [133494..134245]	[complement(88439..89106)], ccsA [109789..109765], ccsA [110093..110078], ndhA [complement(114803..115494)], ndhB [132823..133493]
926.	CRHA	67	rps12 [complement(101621..101863)], rps12 [complement(72008..72121)], trnK-UUU [complement(1780..1808)], trnK-UUU [complement(4388..4424)], rps16 [complement(5373..5602)], rps16 [complement(6548..6587)], trnG-GCC [9169..9191], trnG-GCC [9914..9962], atpF [complement(12366..12772)], atpF [complement(13484..13628)], rpoC1 [complement(21987..23597)], rpoC1 [complement(24390..24821)], ycf3 [complement(45544..45696)], ycf3 [complement(46526..46753)], ycf3 [complement(47477..47605)], trnL-UAA [50039..50075], trnL-UAA [50720..50769], trnV-UAC [complement(54185..54221)], trnV-UAC [complement(54851..54889)], rps12 [143554..143796], clpP [complement(72366..72593)], clpP [complement(73187..73477)], clpP [complement(74197..74265)], petB [77235..77240], petB [78081..78722], petD [78927..78934], petD [79662..80136], rpl16 [complement(83953..84351)], rpl16 [complement(85494..85502)], rpl2 [complement(87209..87643)], rpl2 [complement(88335..88724)], ndhB [complement(98009..98764)], ndhB [complement(99444..100220)], trnI-GAU [105536..105577], trnI-GAU [106523..106557], trnA-UGC [106622..106659], trnA-UGC [107464..107498], ndhA [complement(123394..123933)], ndhA [complement(125161..125712)], trnA-UGC [complement(137898..137932)], trnA-UGC [complement(138737..138774)], trnI-GAU [complement(138839..138873)], trnI-GAU [complement(139832..139873)], ndhB [145197..145973], ndhB [146653..147408]	trnK-UUU [complement(1809..4387)], rps16 [complement(5603..6547)], trnG-GCC [9192..9913], atpF [complement(12773..13483)], rpoC1 [complement(23598..24389)], ycf3 [complement(45697..46525)], ycf3 [complement(46754..47476)], trnL-UAA [50076..50719], trnV-UAC [complement(54222..54850)], clpP [complement(72594..73186)], clpP [complement(73478..74196)], petB [77241..78080], petD [78935..79661], rpl16 [complement(84352..85493)], rpl2 [complement(87644..88334)], ndhB [complement(98765..99443)], trnI-GAU [105578..106522], trnA-UGC [106660..107463], ndhA [complement(123934..125160)], trnA-UGC [complement(137933..138736)], trnI-GAU [complement(138874..139831)], ndhB [145974..146652]
927.	CRHE	72	rps12 [complement(96592..96617)], rps12 [complement(97168..97396)], rps12 [complement(68131..68244)], trnK-UUU [complement(1397..1413)], trnK-UUU [complement(3997..4033)], rps16 [complement(4551..4726)], rps16 [complement(5587..5626)], trnG-UCC [8803..8825], trnG-UCC [9587..9634], atpF [complement(11529..11939)], atpF [complement(12727..12870)], rpoC1 [complement(20090..21716)], rpoC1 [complement(22411..22838)], ycf3	trnK-UUU [complement(1414..3996)], rps16 [complement(4727..5586)], trnG-UCC [8826..9586], atpF [complement(11940..12726)], rpoC1 [complement(21717..22410)], ycf3 [complement(41502..42254)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(41343..41501)], ycf3 [complement(42255..42482)], ycf3 [complement(43186..43317)], trnL-UAA [46186..46220], trnL-UAA [46759..46808], trnV-UAC [complement(50187..50223)], trnV-UAC [complement(50823..50861)], rps12 [138856..139084], rps12 [139635..139660], clpP [complement(68385..68636)], clpP [complement(69286..69576)], clpP [complement(70337..70405)], petB [73278..73283], petB [74082..74723], petD [74915..74920], petD [75669..76184], rpl16 [complement(79627..80028)], rpl16 [complement(80985..80993)], rpl2 [complement(82838..83269)], rpl2 [complement(83931..84335)], ndhB [complement(93530..94285)], ndhB [complement(94978..95754)], trnI-GAU [101314..101355], trnI-GAU [102293..102327], trnA-UGC [102392..102429], trnA-UGC [103232..103266], ndhA [115542..116093], ndhA [117128..117658], trnA-UGC [complement(132986..133020)], trnA-UGC [complement(133823..133860)], trnI-GAU [complement(133925..133959)], trnI-GAU [complement(134897..134938)], ndhB [140498..141274], ndhB [141967..142722], rpl2 [151929..152321], rpl2 [152983..153414]	[complement(42483..43185)], trnL-UAA [46221..46758], trnV-UAC [complement(50224..50822)], clpP [complement(68637..69285)], clpP [complement(69577..70336)], petB [73284..74081], petD [74921..75668], rpl16 [complement(80029..80984)], rpl2 [complement(83270..83930)], ndhB [complement(94286..94977)], trnI-GAU [101356..102292], trnA-UGC [102430..103231], ndhA [116094..117127], trnA-UGC [complement(133021..133822)], trnI-GAU [complement(133960..134896)], ndhB [141275..141966], rpl2 [152322..152982]
928.	CRJA	50	petB [6461..6466], petB [7209..7850], petD [8017..8024], petD [8669..9158], rpl16 [complement(12847..13257)], rpl16 [complement(14123..14131)], rpl2 [complement(15812..16242)], rpl2 [complement(16922..17324)], trnV [33007..33044], trnV [33570..33606], trnK [complement(42224..42258)], trnK [complement(44681..44717)], rps16 [complement(45399..45511)], rps16 [complement(46110..46149)], ycf3 [50213..50338], ycf3 [51038..51263], ycf3 [51961..52118], rpoC1 [69937..70378], rpoC1 [71089..72743], atpF [79457..79592], atpF [80291..80700], trnG [complement(82575..82622)], trnG [complement(83410..83432)], trnL [85945..85979], trnL [86453..86502], ndhA [complement(91267..91815)], ndhA [complement(92574..93131)], trnA [complement(103721..103755)], trnA [complement(104528..104565)], trnI [complement(104617..104651)], trnI [complement(105510..105546)], ndhB [110716..111438], ndhB [112129..112884]	petB [6467..7208], petD [8025..8668], rpl16 [complement(13258..14122)], rpl2 [complement(16243..16921)], trnV [33045..33569], trnK [complement(42259..44680)], rps16 [complement(45512..46109)], ycf3 [50339..51037], ycf3 [51264..51960], rpoC1 [70379..71088], atpF [79593..80290], trnG [complement(82623..83409)], trnL [85980..86452], ndhA [complement(91816..92573)], trnA [complement(103756..104527)], trnI [complement(104652..105509)], ndhB [111439..112128]
929.	CRJP	72	rps12 [complement(96730..96755)], rps12 [complement(97306..97534)],	trnK-UUU [complement(1432..4008)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(68225..68338)], trnK-UUU [complement(1397..1431)], trnK-UUU [complement(4009..4045)], rps16 [complement(4566..4777)], rps16 [complement(5606..5645)], trnG-UCC [8654..8676], trnG-UCC [9439..9486], atpF [complement(11381..11791)], atpF [complement(12580..12723)], rpoC1 [complement(20245..21859)], rpoC1 [complement(22554..22981)], ycf3 [complement(41522..41680)], ycf3 [complement(42436..42663)], ycf3 [complement(43367..43498)], trnL-UAA [46368..46402], trnL-UAA [46941..46990], trnV-UAC [complement(50359..50395)], trnV-UAC [complement(50995..51033)], rps12 [139120..139348], rps12 [139899..139924], clpP [complement(68483..68734)], clpP [complement(69399..69689)], clpP [complement(70471..70539)], petB [73412..73417], petB [74217..74858], petD [75050..75055], petD [75804..76319], rpl16 [complement(79765..80166)], rpl16 [complement(81123..81131)], rpl2 [complement(82976..83407)], rpl2 [complement(84069..84473)], ndhB [complement(93668..94423)], ndhB [complement(95116..95892)], trnI-GAU [101452..101493], trnI-GAU [102431..102465], trnA-UGC [102530..102567], trnA-UGC [103370..103404], ndhA [115677..116228], ndhA [117264..117794], trnA-UGC [complement(133250..133284)], trnA-UGC [complement(134087..134124)], trnI-GAU [complement(134189..134223)], trnI-GAU [complement(135161..135202)], ndhB [140762..141538], ndhB [142231..142986], rpl2 [152193..152585], rpl2 [153247..153678]</p>	<p>[complement(4778..5605)], trnG-UCC [8677..9438], atpF [complement(11792..12579)], rpoC1 [complement(21860..22553)], ycf3 [complement(41681..42435)], ycf3 [complement(42664..43366)], trnL-UAA [46403..46940], trnV-UAC [complement(50396..50994)], clpP [complement(68735..69398)], clpP [complement(69690..70470)], petB [73418..74216], petD [75056..75803], rpl16 [complement(80167..81122)], rpl2 [complement(83408..84068)], ndhB [complement(94424..95115)], trnI-GAU [101494..102430], trnA-UGC [102568..103369], ndhA [116229..117263], trnA-UGC [complement(133285..134086)], trnI-GAU [complement(134224..135160)], ndhB [141539..142230], rpl2 [152586..153246]</p>
930.	CRKA	44	<p>rps12 [complement(73097..73210)], trnK-UUU [complement(1723..1757)], trnK-UUU [complement(4268..4304)], trnG-GCC [9089..9112], trnG-GCC [9810..9857], trnL-UAA [50425..50461], trnL-UAA [50976..51025], trnV-UAC [complement(54538..54574)], trnV-UAC [complement(55167..55205)], rps12 [complement(73097..73210)], rps12 [145973..145999], trnI-GAU [106280..106321], trnI-GAU [107265..107299], trnA-UGC [107364..107401], trnA-UGC [108209..108243], ndhA [complement(124725..125265)], ndhA [complement(126415..126965)], trnA-UGC [complement(139438..139472)], trnA-UGC [complement(140280..140317)], trnI-GAU [complement(140382..140416)], trnI-GAU [complement(141360..141401)]</p>	<p>trnK-UUU [complement(1758..4267)], rps16 [complement(5501..6367)], trnG-GCC [9113..9809], atpF [complement(12678..13403)], rpoC1 [complement(23297..24039)], ycf3 [complement(45282..46025)], ycf3 [complement(46252..46959)], trnL-UAA [50462..50975], trnV-UAC [complement(54575..55166)], clpP [complement(73616..74246)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(74537..75392)], petB [78407..79203], petD [80044..80767], rpl16 [complement(85205..86213)], rpl2 [complement(88442..89127)], ndhB [complement(99394..100062)], trnI-GAU [106322..107264], trnA-UGC [107402..108208], ndhA [complement(125266..126414)], trnA-UGC [complement(139473..140279)], trnI-GAU [complement(140417..141359)], ndhB [147619..148287], rpl2 [158554..159239]
931.	CRLO	25	trnK-UUU [complement(1394..1426)], trnK-UUU [complement(3909..3946)], trnG-UCC [complement(13456..13503)], trnG-UCC [complement(14185..14207)], rps12 [129505..129533]	trnK-UUU [complement(1427..3908)], rps16 [complement(4711..5548)], trnG-UCC [complement(13504..14184)], atpF [35307..36123], ycf3 [complement(44482..45215)], ycf3 [complement(45444..46182)], trnL-UAA [49085..49632], trnV-UAC [complement(53316..53911)], petB [73895..74297], petD [75136..75876], rpl16 [complement(80333..81400)], rpl2 [complement(83796..84455)], ndhB [complement(88962..89673)], trnI-GAU [95944..96896], trnA-UGC [97035..97844], ndhA [complement(113991..115017)], trnA-UGC [complement(122968..123777)], trnI-GAU [complement(123916..124868)], ndhB [131139..131850], rpl2 [136357..137016]
932.	CRM A	41	rps12 [complement(72215..72328)], trnK-UUU [complement(2987..3021)], trnK-UUU [complement(5541..5577)], trnG-GCC [10468..10490], trnG-GCC [11203..11239], trnL-UAA [50059..50095], trnL-UAA [50614..50663], trnV-UAC [complement(54250..54284)], trnV-UAC [complement(54851..54889)],	trnK-UUU [complement(3022..5540)], rps16 [complement(6498..7355)], trnG-GCC [10491..11202], atpF [complement(13536..14264)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [143921..143946], trnI-GAU [104370..104406], trnI-GAU [105354..105388], trnA-UGC [105453..105490], trnA-UGC [106303..106337], trnA-UGC [complement(137249..137283)], trnA-UGC [complement(138096..138133)], trnI-GAU [complement(138198..138232)], trnI-GAU [complement(139180..139216)]	[complement(24059..24804)], ycf3 [complement(45158..45926)], ycf3 [complement(46155..46884)], trnL-UAA [50096..50613], trnV-UAC [complement(54285..54850)], clpP [complement(72705..73364)], clpP [complement(73657..74498)], petB [77524..78271], petD [79101..79863], rpl16 [complement(84240..85180)], rpl2 [complement(87374..88023)], ndhB [complement(97359..98040)], trnI-GAU [104407..105353], trnA-UGC [105491..106302], ndhA [complement(123341..124415)], trnA-UGC [complement(137284..138095)], trnI-GAU [complement(138233..139179)], ndhB [145546..146227], rpl2 [155563..156212]
933.	CRPA	72	rps12 [complement(97211..97236)], rps12 [complement(97787..98015)], rps12 [complement(68645..68758)], trnK-UUU [complement(1401..1435)], trnK-UUU [complement(4011..4047)], rps16 [complement(4565..4776)], rps16 [complement(5598..5637)], trnG-UCC [8846..8868], trnG-UCC [9629..9676], atpF [complement(11565..11975)], atpF [complement(12768..12911)], rpoC1 [complement(20433..22059)], rpoC1 [complement(22754..23181)], ycf3 [complement(41956..42114)], ycf3 [complement(42867..43094)], ycf3 [complement(43799..43930)], trnL-UAA [46853..46887], trnL-UAA [47405..47454], trnV-UAC [complement(50817..50853)], trnV-UAC [complement(51453..51491)], rps12 [139676..139904], rps12 [140455..140480], clpP [complement(68903..69154)], clpP [complement(69828..70118)], clpP [complement(70890..70958)], petB [73847..73852], petB [74654..75295], petD [75487..75492], petD [76261..76776], rpl16 [complement(80234..80635)], rpl16 [complement(81633..81641)], rpl2 [complement(83457..83888)], rpl2	trnK-UUU [complement(1436..4010)], rps16 [complement(4777..5597)], trnG-UCC [8869..9628], atpF [complement(11976..12767)], rpoC1 [complement(22060..22753)], ycf3 [complement(42115..42866)], ycf3 [complement(43095..43798)], trnL-UAA [46888..47404], trnV-UAC [complement(50854..51452)], clpP [complement(69155..69827)], clpP [complement(70119..70889)], petB [73853..74653], petD [75493..76260], rpl16 [complement(80636..81632)], rpl2 [complement(83889..84549)], ndhB [complement(94905..95596)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84550..84954)], ndhB [complement(94149..94904)], ndhB [complement(95597..96373)], trnI-GAU [101933..101974], trnI-GAU [102912..102946], trnA-UGC [103011..103048], trnA-UGC [103851..103885], ndhA [116199..116750], ndhA [117783..118313], trnA-UGC [complement(133806..133840)], trnA-UGC [complement(134643..134680)], trnI-GAU [complement(134745..134779)], trnI-GAU [complement(135717..135758)], ndhB [141318..142094], ndhB [142787..143542], rpl2 [152749..153141], rpl2 [153803..154234]	[101975..102911], trnA-UGC [103049..103850], ndhA [116751..117782], trnA-UGC [complement(133841..134642)], trnI-GAU [complement(134780..135716)], ndhB [142095..142786], rpl2 [153142..153802]
934.	CRSA	56	rps12 [complement(94981..95006)], rps12 [complement(95548..95776)], rps12 [complement(67185..67298)], rps16 [complement(4716..4927)], rps16 [complement(5809..5848)], atpF [complement(10771..11181)], atpF [complement(11947..12090)], rpoC1 [complement(19299..20915)], rpoC1 [complement(21671..22102)], ycf3 [complement(40594..40746)], ycf3 [complement(41490..41719)], ycf3 [complement(42461..42584)], rps12 [136355..136583], rps12 [137125..137150], clpP [complement(67432..67683)], clpP [complement(68328..68619)], clpP [complement(69415..69485)], petB [72403..72408], petB [73167..73814], petD [74025..74032], petD [74780..75260], rpl16 [complement(78721..79119)], rpl16 [complement(80056..80064)], rpl2 [complement(81874..82304)], rpl2 [complement(82969..83359)], ndhB [complement(91907..92662)], ndhB [complement(93359..94135)], ndhA [complement(116445..116968)], ndhA [complement(118039..118591)], ndhB [137996..138772], ndhB [139469..140224], rpl2 [148772..149162], rpl2 [149827..150257]	trnK-UUU [complement(1435..4090)], rps16 [complement(4928..5808)], trnG-UCC [8162..8855], atpF [complement(11182..11946)], rpoC1 [complement(20916..21670)], ycf3 [complement(40747..41489)], ycf3 [complement(41720..42460)], trnL-UAA [45152..45633], trnV-UAC [complement(48861..49467)], clpP [complement(67684..68327)], clpP [complement(68620..69414)], petB [72409..73166], petD [74033..74779], rpl16 [complement(79120..80055)], rpl2 [complement(82305..82968)], ndhB [complement(92663..93358)], trnI-GUA [99726..100667], trnA-UGC [100804..101622], ndhA [complement(116969..118038)], trnA-UGC [complement(130509..131327)], trnI-GUA [complement(131464..132405)], ndhB [138773..139468], rpl2 [149163..149826]
935.	CRTI	1	-	trnK-UUU [complement(10931..13534)]
936.	CRW A	72	rps12 [complement(97946..97971)], rps12 [complement(98509..98740)], rps12 [complement(69425..69538)], trnK [complement(1691..1725)], trnK	trnK [complement(1726..4275)], rps16 [complement(5145..6040)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(4276..4312)], rps16 [complement(4918..5144)], rps16 [complement(6041..6080)], trnG [8427..8449], trnG [9175..9223], atpF [complement(11312..11721)], atpF [complement(12440..12584)], rpoC1 [complement(20033..21643)], rpoC1 [complement(22443..22874)], ycf3 [complement(42183..42335)], ycf3 [complement(43113..43340)], ycf3 [complement(44057..44182)], trnL [46668..46702], trnL [47212..47261], trnV [complement(50912..50946)], trnV [complement(51558..51596)], rps12 [140557..140788], rps12 [141326..141351], clpP [complement(69719..69946)], clpP [complement(70527..70818)], clpP [complement(71700..71770)], petB [74726..74731], petB [75526..76167], petD [76357..76364], petD [77081..77555], rpl16 [complement(81043..81441)], rpl16 [complement(82549..82557)], rpl2 [complement(84258..84692)], rpl2 [complement(85401..85790)], ndhB [complement(94889..95650)], ndhB [complement(96336..97058)], trnI [102760..102796], trnI [103744..103778], trnA [103843..103880], trnA [104674..104708], ndhA [complement(120284..120813)], ndhA [complement(121883..122435)], trnA [complement(134589..134623)], trnA [complement(135417..135454)], trnI [complement(135519..135553)], trnI [complement(136501..136537)], ndhB [142239..142961], ndhB [143647..144408], rpl2 [153507..153896], rpl2 [154605..155039]	[8450..9174], atpF [complement(11722..12439)], rpoC1 [complement(21644..22442)], ycf3 [complement(42336..43112)], ycf3 [complement(43341..44056)], trnL [46703..47211], trnV [complement(50947..51557)], clpP [complement(69947..70526)], clpP [complement(70819..71699)], petB [74732..75525], petD [76365..77080], rpl16 [complement(81442..82548)], rpl2 [complement(84693..85400)], ndhB [complement(95651..96335)], trnI [102797..103743], trnA [103881..104673], ndhA [complement(120814..121882)], trnA [complement(134624..135416)], trnI [complement(135554..136500)], ndhB [142962..143646], rpl2 [153897..154604]
937.	CUBN	6	rps12 [complement(76330..76587)], rps12 [complement(56605..56718)], rps12 [13678..13935], trnL-UAA [complement(37613..37662)], trnL-UAA [complement(37916..37950)]	trnL-UAA [complement(37663..37915)]
938.	CUBO	3	rps12 [complement(56347..56604)], rps12 [complement(41764..41877)], rps12 [12471..12728]	-
939.	CUCA	3	rps12 [complement(78403..78660)], rps12 [complement(57717..57830)], rps12 [14169..14426]	-
940.	CUCH	50	rps12 [complement(51269..51294)], rps12 [complement(51814..52045)], rps12 [complement(27967..28080)], rpl2 [5702..6100], rpl2 [6743..7174], rpl16 [8923..8931], rpl16 [9758..10171], petD [complement(13807..14296)], petD [complement(14951..14958)], petB [complement(15153..15800)], petB [complement(16570..16575)], ndhB [complement(48221..48976)], ndhB	rpl2 [6101..6742], rpl16 [8932..9757], petD [complement(14297..14950)], petB [complement(15801..16569)], ndhB [complement(48977..49728)], trnI-GAU [55968..56848], trnA-UGC [56973..57747],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(49729..50451)], trnI-GAU [55926..55967], trnI-GAU [56849..56883], trnA-UGC [56935..56972], trnA-UGC [57748..57783], ndhA [67970..68527], ndhA [69283..69831], trnL-UAA [complement(74695..74744)], trnL-UAA [complement(75029..75066)], ycf3 [77521..77649], ycf3 [78366..78590], ycf3 [79286..79441], rpoC1 [95750..96190], rpoC1 [96931..98598], atpF [105232..105375], atpF [106037..106447], trnG-UCC [complement(108291..108338)], trnG-UCC [complement(109104..109126)], trnK-UUU [114280..114316], trnK-UUU [116758..116782], trnV-UAC [complement(124710..124746)], trnV-UAC [complement(125274..125312)]	ndhA [68528..69282], trnL-UAA [complement(74745..75028)], ycf3 [77650..78365], ycf3 [78591..79285], rpoC1 [96191..96930], atpF [105376..106036], trnG-UCC [complement(108339..109103)], trnK-UUU [114317..116757], trnV-UAC [complement(124747..125273)]
941.	CUCN	4	rps12 [54670..54783], rps12 [13441..13698], rps12 [complement(75359..75616)], rps12 [complement(54670..54783)]	-
942.	CUCO	3	rps12 [complement(79586..79843)], rps12 [complement(58662..58775)], rps12 [14203..14460]	-
943.	CUCR	69	rps12 [complement(97674..97699)], rps12 [complement(98231..98462)], rps12 [complement(69180..69305)], trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4315..4351)], trnV-UAC [9941..9979], trnV-UAC [10567..10603], trnL-UAA [complement(13654..13703)], trnL-UAA [complement(14207..14243)], ycf3 [16697..16822], ycf3 [17514..17741], ycf3 [18517..18669], rpoC1 [38371..38802], rpoC1 [39603..41225], atpF [49348..49491], atpF [50217..50630], rps16 [56075..56114], rps16 [57007..57236], rps12 [138740..138971], rps12 [139503..139528], clpP [complement(69498..69725)], clpP [complement(70468..70759)], clpP [complement(71457..71527)], petB [74430..74435], petB [75241..75882], petD [76080..76087], petD [76826..77300], rpl16 [complement(81133..81531)], rpl16 [complement(82682..82690)], rpl2 [complement(84217..84687)], rpl2 [complement(85372..85764)], ndhB [complement(94627..95382)], ndhB [complement(96074..96796)], trnI-GAU [102320..102361], trnI-GAU [103310..103344], trnA-UGC [103409..103446], trnA-UGC [104257..104291], ndhA [116600..117151], ndhA [118424..118963], trnA-UGC [complement(132911..132945)], trnA-UGC [complement(133756..133793)], trnI-GAU [complement(133858..133892)], trnI-GAU	trnK-UUU [complement(1730..4314)], trnV-UAC [9980..10566], trnL-UAA [complement(13704..14206)], ycf3 [16823..17513], ycf3 [17742..18516], rpoC1 [38803..39602], atpF [49492..50216], rps16 [56115..57006], clpP [complement(69726..70467)], clpP [complement(70760..71456)], petB [74436..75240], petD [76088..76825], rpl16 [complement(81532..82681)], rpl2 [complement(84688..85371)], ndhB [complement(95383..96073)], trnI-GAU [102362..103309], trnA-UGC [103447..104256], ndhA [117152..118423], trnA-UGC [complement(132946..133755)], trnI-GAU [complement(133893..134840)], ndhB [141129..141819], rpl2 [151831..152514]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134841..134882)], ndhB [140406..141128], ndhB [141820..142575], rpl2 [151438..151830], rpl2 [152515..152985]	
944.	CUDE	73	rps12 [complement(100727..100752)], rps12 [complement(101289..101520)], rps12 [complement(72631..72744)], trnK-UUU [complement(1760..1794)], trnK-UUU [complement(4297..4333)], rps16 [complement(5146..5370)], rps16 [complement(6249..6287)], trnG-UCC [9944..9966], trnG-UCC [10649..10696], atpF [complement(12629..13036)], atpF [complement(13745..13903)], rpoC1 [complement(21905..23530)], rpoC1 [complement(24260..24694)], ycf3 [complement(44262..44414)], ycf3 [complement(45172..45399)], ycf3 [complement(46130..46255)], trnL-UAA [49405..49439], trnL-UAA [49948..49997], trnV-UAC [complement(53720..53756)], trnV-UAC [complement(54337..54375)], rps12 [complement(72631..72744)], rps12 [144161..144392], rps12 [144929..144954], clpP [complement(72875..73102)], clpP [complement(73735..74025)], clpP [complement(74833..74901)], petB [77812..77817], petB [78597..79238], petD [79437..79444], petD [80210..80684], rpl16 [complement(84163..84564)], rpl16 [complement(85588..85596)], rpl2 [complement(87269..87703)], rpl2 [complement(88366..88758)], ndhB [complement(97650..98405)], ndhB [complement(99085..99861)], trnI-GAU [105486..105527], trnI-GAU [106483..106517], trnA-UGC [106582..106619], trnA-UGC [107445..107479], ndhA [complement(123564..124103)], ndhA [complement(125193..125744)], trnA-UGC [complement(138202..138236)], trnA-UGC [complement(139062..139099)], trnI-GAU [complement(139164..139198)], trnI-GAU [complement(140154..140195)], ndhB [145820..146596], ndhB [147276..148031], rpl2 [156923..157312], rpl2 [157978..158412]	trnK-UUU [complement(1795..4296)], rps16 [complement(5371..6248)], trnG-UCC [9967..10648], atpF [complement(13037..13744)], rpoC1 [complement(23531..24259)], ycf3 [complement(44415..45171)], ycf3 [complement(45400..46129)], trnL-UAA [49440..49947], trnV-UAC [complement(53757..54336)], clpP [complement(73103..73734)], clpP [complement(74026..74832)], petB [77818..78596], petD [79445..80209], rpl16 [complement(84565..85587)], rpl2 [complement(87704..88365)], ndhB [complement(98406..99084)], trnI-GAU [105528..106482], trnA-UGC [106620..107444], ndhA [complement(124104..125192)], trnA-UGC [complement(138237..139061)], trnI-GAU [complement(139199..140153)], ndhB [146597..147275], rpl2 [157313..157977]
945.	CUER	3	rps12 [complement(54941..55198)], rps12 [complement(40087..40200)], rps12 [12037..12294]	-
946.	CUEX	33	rps12 [complement(62307..62420)], trnG-UCC [6304..6326], trnG-UCC [6989..7036], trnL-UAA [43276..43310], trnL-UAA [43661..43710], trnV-UAC [57557..57594], trnV-UAC [58201..58235], rps12 [118991..119016], clpP [complement(63505..63799)], trnI-GAU [93085..93121], trnI-GAU	trnG-UCC [6327..6988], atpF [complement(9325..10036)], rpoC1 [complement(19457..20293)], ycf3 [complement(38690..39462)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[94066..94100], trnA-UGC [94165..94201], trnA-UGC [94983..95017], trnA-UGC [complement(113078..113112)], trnA-UGC [complement(113894..113930)], trnI-GAU [complement(113995..114029)], trnI-GAU [complement(114974..115010)]	[complement(39693..40417)], trnL-UAA [43311..43660], trnV-UAC [57595..58200], clpP [complement(62848..63504)], clpP [complement(63800..64577)], petB [67662..68410], petD [69253..70034], rpl16 [complement(74437..75378)], trnI-GAU [93122..94065], trnA-UGC [94202..94982], trnA-UGC [complement(113113..113893)], trnI-GAU [complement(114030..114973)]
947.	CUFL	73	rps12 [complement(102280..102306)], rps12 [complement(102847..103077)], rps12 [complement(73426..73539)], trnK-UUU [complement(1452..1486)], trnK-UUU [complement(4139..4175)], rps16 [complement(4925..5136)], rps16 [complement(5866..5905)], trnG-GCC [9445..9458], trnG-GCC [10170..10217], atpF [complement(12116..12526)], atpF [complement(13338..13481)], rpoC1 [complement(21965..23596)], rpoC1 [complement(24321..24752)], ycf3 [complement(45059..45211)], ycf3 [complement(46006..46233)], ycf3 [complement(46942..47073)], trnL-UAA [50222..50256], trnL-UAA [50792..50841], trnV-UAC [complement(55135..55169)], trnV-UAC [complement(55770..55807)], rps12 [complement(73426..73539)], rps12 [145410..145640], rps12 [146181..146207], clpP [complement(73702..73956)], clpP [complement(74584..74874)], clpP [complement(75725..75793)], petB [78753..78758], petB [79641..80282], petD [80476..80483], petD [81226..81706], rpl16 [complement(85242..85643)], rpl16 [complement(86693..86701)], rpl2 [complement(88690..89121)], rpl2 [complement(89781..90167)], ndhB [complement(99217..99972)], ndhB [complement(100673..101449)], trnI-GAU [107099..107140], trnI-GAU [108076..108110], trnA-UGC [108174..108211], trnA-UGC [109017..109051], ndhA [complement(125000..125539)], ndhA [complement(126606..127157)], trnA-UGC [complement(139436..139470)], trnA-UGC [complement(140276..140313)], trnI-GAU [complement(140377..140411)], trnI-GAU [complement(141347..141388)], ndhB [147038..147814], ndhB	trnK-UUU [complement(1487..4138)], rps16 [complement(5137..5865)], trnG-GCC [9459..10169], atpF [complement(12527..13337)], rpoC1 [complement(23597..24320)], ycf3 [complement(45212..46005)], ycf3 [complement(46234..46941)], trnL-UAA [50257..50791], trnV-UAC [complement(55170..55769)], clpP [complement(73957..74583)], clpP [complement(74875..75724)], petB [78759..79640], petD [80484..81225], rpl16 [complement(85644..86692)], rpl2 [complement(89122..89780)], ndhB [complement(99973..100672)], trnI-GAU [107141..108075], trnA-UGC [108212..109016], ndhA [complement(125540..126605)], trnA-UGC [complement(139471..140275)], trnI-GAU [complement(140412..141346)], ndhB [147815..148514], rpl2 [158707..159365]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[148515..149270], rpl2 [158320..158706], rpl2 [159366..159797]	
948.	CUGI	33	rps12 [complement(51259..51284)], rps12 [complement(51810..52041)], rps12 [complement(27926..28039)], rpl2 [5641..6039], petB [complement(16516..16521)], trnI-GAU [55992..56033], trnI-GAU [56910..56944], trnA-UGC [56996..57033], trnA-UGC [57813..57848], trnL-UAA [complement(74682..74731)], trnL-UAA [complement(75016..75053)], trnG-UCC [complement(108333..108380)], trnG-UCC [complement(109146..109168)], trnK-UUU [114336..114372], trnK-UUU [116814..116838], trnV-UAC [complement(124776..124812)], trnV-UAC [complement(125340..125378)]	rpl2 [6040..6681], rpl16 [8871..9696], petD [complement(14244..14898)], petB [complement(15752..16515)], ndhB [complement(49019..49768)], trnI-GAU [56034..56909], trnA-UGC [57034..57812], ndhA [68604..69362], trnL-UAA [complement(74732..75015)], ycf3 [77643..78357], ycf3 [78583..79276], rpoC1 [96261..96999], atpF [105421..106078], trnG-UCC [complement(108381..109145)], trnK-UUU [114373..116813], trnV-UAC [complement(124813..125339)]
949.	CUGR	5	trnH-GUG [complement(86739..86744)], trnH-GUG [complement(1..68)], petB [42373..43023]	trnH-GUG [complement(86745..0)], petB [41695..42372]
950.	CUHT	14	rps12 [complement(99834..99859)], rps12 [complement(100400..100631)], rps12 [complement(72215..72328)], atpF [complement(12786..13195)], atpF [complement(13932..14076)], rps12 [142134..142365], rps12 [142906..142931], ndhB [143781..144555], ndhB [145242..145999], rpl2 [154213..154603], rpl2 [155269..155702]	atpF [complement(13196..13931)], ndhB [144556..145241], rpl2 [154604..155268]
951.	CUHY	40	rps12 [complement(99822..100064)], rps12 [complement(72096..72209)], trnK-UUU [complement(1571..1593)], trnK-UUU [complement(4091..4127)], trnG-GCC [9456..9478], trnG-GCC [10176..10212], trnL-UAA [49671..49707], trnL-UAA [50256..50305], trnV-UAC [complement(53782..53818)], trnV-UAC [complement(54421..54458)], trnI-GAU [103804..103845], trnI-GAU [104657..104691], trnA-UGC [104765..104802], trnA-UGC [105605..105639], trnA-UGC [complement(135807..135840)], trnA-UGC [complement(136644..136682)], trnI-GAU [complement(136812..136846)], trnI-GAU [complement(137658..137699)]	trnK-UUU [complement(1594..4090)], rps16 [complement(5292..6166)], trnG-GCC [9479..10175], rpoC1 [complement(23297..24081)], ycf3 [complement(44782..45529)], ycf3 [complement(45758..46503)], trnL-UAA [49708..50255], trnV-UAC [complement(53819..54420)], clpP [complement(72586..72920)], clpP [complement(73212..74020)], petB [77059..77840], petD [78698..79416], rpl16 [complement(83780..84909)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(87054..87715)], ndhB [complement(96955..97640)], trnI-GAU [103846..104656], trnA-UGC [104803..105604], ndhA [complement(121584..122727)], trnA-UGC [complement(135841..136643)], trnI-GAU [complement(136847..137657)], ndhB [143807..144492], rpl2 [153833..154494]
952.	CUJI	47	rps12 [complement(51455..51480)], rps12 [complement(52000..52231)], rps12 [complement(28074..28187)], rpl2 [5857..6255], rpl2 [6898..7329], rpl16 [9078..9086], rpl16 [9913..10326], petD [complement(13914..14403)], petD [complement(15058..15065)], petB [complement(15260..15907)], petB [complement(16677..16682)], ndhB [complement(48407..49162)], ndhB [complement(49915..50637)], trnI-GAU [56093..56134], trnI-GAU [57016..57050], trnA-UGC [57102..57139], trnA-UGC [57915..57950], ndhA [68141..68698], ndhA [69453..70001], trnL-UAA [complement(74865..74914)], trnL-UAA [complement(75199..75236)], ycf3 [77690..77818], ycf3 [78536..78760], ycf3 [79456..79611], rpoC1 [95911..96351], rpoC1 [97092..98759], atpF [105393..105536], atpF [106198..106608], trnK-UUU [114441..114477], trnK-UUU [116919..116943], trnV-UAC [complement(124845..124881)], trnV-UAC [complement(125409..125447)]	rpl2 [6256..6897], rpl16 [9087..9912], petD [complement(14404..15057)], petB [complement(15908..16676)], ndhB [complement(49163..49914)], trnI-GAU [56135..57015], trnA-UGC [57140..57914], ndhA [68699..69452], trnL-UAA [complement(74915..75198)], ycf3 [77819..78535], ycf3 [78761..79455], rpoC1 [96352..97091], atpF [105537..106197], trnK-UUU [114478..116918], trnV-UAC [complement(124882..125408)]
953.	CULA	55	trnK [complement(1537..1571)], trnK [complement(3986..4022)], rps16 [complement(4738..4883)], rps16 [complement(5759..5798)], ycf3 [9912..10036], ycf3 [10719..10947], ycf3 [11630..11800], rpoC1 [30482..31044], rpoC1 [31730..33383], atpF [39719..39863], atpF [40589..40998], trnG [complement(42949..42986)], trnG [complement(43761..43783)], trnA [complement(50695..50729)], trnA [complement(51496..51533)], trnI [complement(51600..51634)], trnI [complement(52584..52620)], rps12 [complement(93883..93996)], rps12 [56691..56945], ndhB [58315..59037], ndhB [59712..60467], rpl2 [69902..70301], rpl2 [70967..71397], rpl16 [73217..73225], rpl16	trnK [complement(1572..3985)], rps16 [complement(4884..5758)], ycf3 [10037..10718], ycf3 [10948..11629], rpoC1 [31045..31729], atpF [39864..40588], trnG [complement(42987..43760)], trnA [complement(50730..51495)], trnI [complement(51635..52583)], ndhB [59038..59711], rpl2 [70302..70966], rpl16 [73226..74128], petD [complement(78657..79321)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74129..74539], petD [complement(78166..78656)], petD [complement(79322..79328)], petB [complement(79528..80170)], petB [complement(80913..80917)], ndhA [complement(108853..109401)], ndhA [complement(110162..110719)], rps15 [complement(112009..112266)], rps15 [complement(112331..112333)], trnL [117276..117310], trnL [117800..117849], trnV [127320..127357], trnV [127880..127916]	[complement(80171..80912)], ndhA [complement(109402..110161)], rps15 [complement(112267..112330)], trnL [117311..117799], trnV [127358..127879]
954.	CULO	73	rps12 [complement(101388..101413)], rps12 [complement(101954..102182)], rps12 [complement(72480..72593)], trnK-UUU [complement(1435..1470)], trnK-UUU [complement(4121..4157)], rps16 [complement(4895..5106)], rps16 [complement(5838..5877)], trnG-GCC [8451..8473], trnG-GCC [9176..9222], atpF [complement(11121..11531)], atpF [complement(12356..12499)], rpoC1 [complement(20990..22616)], rpoC1 [complement(23349..23776)], ycf3 [complement(44070..44224)], ycf3 [complement(45019..45246)], ycf3 [complement(45969..46092)], trnL-UAA [49377..49411], trnL-UAA [49945..49994], trnV-UAC [complement(54105..54141)], trnV-UAC [complement(54740..54777)], rps12 [complement(72480..72593)], rps12 [144427..144655], rps12 [145196..145221], clpP [complement(72758..73012)], clpP [complement(73659..73950)], clpP [complement(74816..74886)], petB [77825..77830], petB [78695..79342], petD [79541..79548], petD [80291..80765], rpl16 [complement(84298..84699)], rpl16 [complement(85744..85752)], rpl2 [complement(87737..88167)], rpl2 [complement(88830..89220)], ndhB [complement(98325..99080)], ndhB [complement(99781..100557)], trnI-GAU [106195..106236], trnI-GAU [107172..107206], trnA-UGC [107270..107307], trnA-UGC [108109..108143], ndhA [complement(124033..124571)], ndhA [complement(125649..126201)], trnA-UGC [complement(138466..138500)], trnA-UGC [complement(139302..139339)], trnI-GAU [complement(139403..139437)], trnI-GAU [complement(140373..140414)], ndhB [146052..146828], ndhB [147529..148284], rpl2 [157389..157779], rpl2 [158442..158872]	trnK-UUU [complement(1471..4120)], rps16 [complement(5107..5837)], trnG-GCC [8474..9175], atpF [complement(11532..12355)], rpoC1 [complement(22617..23348)], ycf3 [complement(44225..45018)], ycf3 [complement(45247..45968)], trnL-UAA [49412..49944], trnV-UAC [complement(54142..54739)], clpP [complement(73013..73658)], clpP [complement(73951..74815)], petB [77831..78694], petD [79549..80290], rpl16 [complement(84700..85743)], rpl2 [complement(88168..88829)], ndhB [complement(99081..99780)], trnI-GAU [106237..107171], trnA-UGC [107308..108108], ndhA [complement(124572..125648)], trnA-UGC [complement(138501..139301)], trnI-GAU [complement(139438..140372)], ndhB [146829..147528], rpl2 [157780..158441]
955.	CUM A	52	rps12 [complement(101031..101056)], rps12 [complement(101597..101828)], rps12 [complement(72942..73070)], trnG-UCC [9775..9796], trnG-UCC [10483..10533], atpF [complement(13025..13434)], atpF	trnG-UCC [9797..10482], atpF [complement(13435..14186)], rpoC1 [complement(23713..24463)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(14187..14334)], rpoC1 [complement(22102..23712)], rpoC1 [complement(24464..24898)], ycf3 [complement(45125..45277)], ycf3 [complement(46020..46249)], ycf3 [complement(46995..47121)], accD [60665..61291], accD [61400..62236], rps12 [complement(72942..73070)], rps12 [143029..143260], rps12 [143801..143826], clpP [complement(73250..73477)], clpP [complement(74073..74366)], clpP [complement(75215..75283)], rpl2 [complement(87723..88192)], rpl2 [complement(88819..89212)], ndhB [complement(97963..98718)], ndhB [complement(99390..100181)], trnI-GAU [105578..105619], trnI-GAU [106430..106464], trnA-UGC [106537..106574], trnA-UGC [107377..107411], ndhA [complement(122845..123383)], ndhA [complement(124523..125078)], trnA-UGC [complement(137446..137480)], trnA-UGC [complement(138283..138320)], trnI-GAU [complement(138393..138427)], trnI-GAU [complement(139238..139279)], rpl2 [155645..156035], rpl2 [156665..157134]</p>	<p>[complement(45278..46019)], ycf3 [complement(46250..46994)], accD [61292..61399], clpP [complement(73478..74072)], clpP [complement(74367..75214)], rpl2 [complement(88193..88818)], ndhB [complement(98719..99389)], trnI-GAU [105620..106429], trnA-UGC [106575..107376], ndhA [complement(123384..124522)], trnA-UGC [complement(137481..138282)], trnI-GAU [complement(138428..139237)], rpl2 [156036..156664]</p>
956.	CUM E	75	<p>rps12 [complement(99664..99690)], rps12 [complement(100231..100461)], rps12 [complement(71662..71775)], trnk-UUU [complement(1620..1655)], trnk-UUU [complement(4152..4187)], rps16 [complement(4970..5184)], rps16 [complement(6033..6072)], trnG-UCC [9499..9518], trnG-UCC [10210..10260], atpF [complement(12687..13097)], atpF [complement(13874..14017)], rpoC1 [complement(21740..23350)], rpoC1 [complement(24132..24563)], ycf3 [complement(44731..44883)], ycf3 [complement(45630..45857)], ycf3 [complement(46607..46735)], trnL-UAA [49394..49431], trnL-UAA [49957..50003], trnV-UAC [complement(53465..53500)], trnV-UAC [complement(54102..54138)], rps12 [141891..142121], rps12 [142662..142688], clpP [complement(71944..72171)], clpP [complement(72758..73051)], clpP [complement(73857..73925)], petB [76880..76885], petB [77616..78311], petD [78503..78510], petD [79234..79708], infA [complement(81762..81847)], infA [complement(81859..82000)], rpl16 [complement(83206..83604)], rpl16 [complement(84703..84711)], rpl2 [complement(86399..86833)], rpl2 [complement(87499..87888)], ndhB [complement(96596..97351)], ndhB</p>	<p>trnk-UUU [complement(1656..4151)], rps16 [complement(5185..6032)], trnG-UCC [9519..10209], atpF [complement(13098..13873)], rpoC1 [complement(23351..24131)], ycf3 [complement(44884..45629)], ycf3 [complement(45858..46606)], trnL-UAA [49432..49956], trnV-UAC [complement(53501..54101)], clpP [complement(72172..72757)], clpP [complement(73052..73856)], petB [76886..77615], petD [78511..79233], infA [complement(81848..81858)], rpl16 [complement(83605..84702)], rpl2 [complement(86834..87498)], ndhB [complement(97352..98037)], trnI-GAU [104246..105060], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98038..98814)], trnI-GAU [104210..104245], trnI-GAU [105061..105096], trnA-UGC [105169..105205], trnA-UGC [106008..106043], ndhA [complement(121617..122156)], ndhA [complement(123316..123867)], trnA-UGC [complement(136309..136344)], trnA-UGC [complement(137147..137183)], trnI-GAU [complement(137256..137291)], trnI-GAU [complement(138107..138142)], ndhB [143538..144314], ndhB [145001..145756], rpl2 [154464..154856], rpl2 [155519..155953]	[105206..106007], ndhA [complement(122157..123315)], trnA-UGC [complement(136345..137146)], trnI-GAU [complement(137292..138106)], ndhB [144315..145000], rpl2 [154857..155518]
957.	CUM O	55	rps12 [complement(101673..101698)], rps12 [complement(102239..102470)], rps12 [complement(73577..73690)], trnG-UCC [9827..9848], trnG-UCC [10535..10585], atpF [complement(13086..13495)], atpF [complement(14248..14395)], rpoC1 [complement(22164..23774)], rpoC1 [complement(24523..24957)], ycf3 [complement(45190..45342)], ycf3 [complement(46086..46315)], ycf3 [complement(47065..47191)], trnL-CAA [51802..51838], trnL-CAA [51941..51975], accD [61255..61869], accD [61978..62826], rps12 [complement(73577..73690)], rps12 [143518..143749], rps12 [144290..144315], clpP [complement(73870..74097)], clpP [complement(74696..74989)], clpP [complement(75834..75902)], rpl2 [complement(88333..88802)], rpl2 [complement(89429..89822)], ndhB [complement(98605..99360)], ndhB [complement(100047..100823)], trnI-GAU [106215..106256], trnI-GAU [107067..107101], trnA-UGC [107174..107211], trnA-UGC [108014..108048], ndhA [complement(123336..123874)], ndhA [complement(125012..125567)], trnA-UGC [complement(137940..137974)], trnA-UGC [complement(138777..138814)], trnI-GAU [complement(138887..138921)], trnI-GAU [complement(139732..139773)], ndhB [145165..145941], ndhB [146628..147383]	trnG-UCC [9849..10534], atpF [complement(13496..14247)], rpoC1 [complement(23775..24522)], ycf3 [complement(45343..46085)], ycf3 [complement(46316..47064)], trnL-CAA [51839..51940], accD [61870..61977], clpP [complement(74098..74695)], clpP [complement(74990..75833)], rpl2 [complement(88803..89428)], ndhB [complement(99361..100046)], trnI-GAU [106257..107066], trnA-UGC [107212..108013], ndhA [complement(123875..125011)], trnA-UGC [complement(137975..138776)], trnI-GAU [complement(138922..139731)], ndhB [145942..146627]
958.	CUM X	3	rps12 [complement(77437..77694)], rps12 [complement(56259..56372)], rps12 [13004..13261]	-
959.	CUOB	8	rps12 [complement(57055..57312)], rps12 [complement(36380..36493)], rps12 [78182..78439]	clpP [complement(36806..37399)], clpP [complement(37692..38297)], petB [41014..41681], petD [42461..43122], rpl16 [complement(46860..47705)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
960.	CUPE	70	rps12 [complement(101325..101348)], rps12 [complement(101892..102122)], rps12 [complement(73214..73327)], trnK-UUU [complement(1705..1733)], trnK-UUU [complement(4233..4269)], rps16 [complement(5188..5400)], rps16 [complement(6290..6337)], atpF [complement(13099..13508)], atpF [complement(14261..14408)], rpoC1 [complement(22161..23771)], rpoC1 [complement(24522..24956)], ycf3 [complement(45025..45177)], ycf3 [complement(45921..46150)], ycf3 [complement(46900..47026)], trnL-UAA [50072..50108], trnL-UAA [50575..50624], trnV-UAC [complement(54928..54964)], trnV-UAC [complement(55575..55612)], accD [60858..61326], accD [61450..62453], rps12 [complement(73214..73327)], rps12 [143193..143423], rps12 [143964..143990], clpP [complement(73507..73732)], clpP [complement(74330..74623)], clpP [complement(75464..75534)], petB [78460..78465], petB [79256..79897], petD [80090..80097], petD [80834..81308], rpl16 [complement(84755..85150)], rpl16 [complement(86246..86254)], rpl2 [complement(87961..88430)], rpl2 [complement(89057..89450)], ndhB [complement(98257..99012)], ndhB [complement(99699..100475)], trnI-GAU [105872..105913], trnI-GAU [106724..106758], trnA-UGC [106831..106868], trnA-UGC [107671..107705], ndhA [complement(123005..123543)], ndhA [complement(124681..125236)], ycf1 [complement(127202..128376)], ycf1 [complement(128431..129376)], trnA-UGC [complement(137610..137644)], trnA-UGC [complement(138447..138484)], trnI-GAU [complement(138557..138591)], trnI-GAU [complement(139402..139443)]	trnK-UUU [complement(1734..4232)], rps16 [complement(5401..6289)], atpF [complement(13509..14260)], rpoC1 [complement(23772..24521)], ycf3 [complement(45178..45920)], ycf3 [complement(46151..46899)], trnL-UAA [50109..50574], trnV-UAC [complement(54965..55574)], accD [61327..61449], clpP [complement(73733..74329)], clpP [complement(74624..75463)], petB [78466..79255], petD [80098..80833], rpl16 [complement(85151..86245)], rpl2 [complement(88431..89056)], ndhB [complement(99013..99698)], trnI-GAU [105914..106723], trnA-UGC [106869..107670], ndhA [complement(123544..124680)], ycf1 [complement(128377..128430)], trnA-UGC [complement(137645..138446)], trnI-GAU [complement(138592..139401)]
961.	CUPN	23	rps12 [complement(57875..58132)], rps12 [complement(37003..37116)], trnH-GUG [complement(86375..86380)], trnH-GUG [complement(1..69)], trnL-UAA [22197..22231], trnL-UAA [22486..22535], rps12 [79207..79464], clpP [complement(37195..37428)], clpP [complement(38022..38313)], clpP [complement(38935..39005)], petB [41637..41642], petB [42304..42945], petD [43108..43115], petD [43805..44279], rpl16 [complement(47206..47610)], rpl16 [complement(48457..48465)]	trnH-GUG [complement(86381..0)], trnL-UAA [22232..22485], clpP [complement(37429..38021)], clpP [complement(38314..38934)], petB [41643..42303], petD [43116..43804], rpl16 [complement(47611..48456)]
962.	CURE	4	trnH-GUG [complement(1..66)], trnH-GUG [complement(121514..121521)], rps12 [115108..115134]	trnH-GUG [complement(67..121513)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
963.	CURO	73	rps12 [complement(101345..101370)], rps12 [complement(101911..102139)], rps12 [complement(72458..72571)], trnK-UUU [complement(1435..1470)], trnK-UUU [complement(4126..4162)], rps16 [complement(4893..5104)], rps16 [complement(5839..5878)], trnG-GCC [8433..8455], trnG-GCC [9158..9204], atpF [complement(11103..11513)], atpF [complement(12338..12481)], rpoC1 [complement(20967..22593)], rpoC1 [complement(23327..23754)], ycf3 [complement(44032..44186)], ycf3 [complement(44981..45208)], ycf3 [complement(45931..46054)], trnL-UAA [49355..49389], trnL-UAA [49924..49973], trnV-UAC [complement(54087..54123)], trnV-UAC [complement(54722..54759)], rps12 [complement(72458..72571)], rps12 [144389..144617], rps12 [145158..145183], clpP [complement(72734..72988)], clpP [complement(73633..73924)], clpP [complement(74790..74860)], petB [77799..77804], petB [78654..79301], petD [79500..79507], petD [80250..80724], rpl16 [complement(84257..84658)], rpl16 [complement(85703..85711)], rpl2 [complement(87694..88125)], rpl2 [complement(88788..89177)], ndhB [complement(98282..99037)], ndhB [complement(99738..100514)], trnI-GAU [106152..106193], trnI-GAU [107129..107163], trnA-UGC [107227..107264], trnA-UGC [108066..108100], ndhA [complement(123988..124526)], ndhA [complement(125602..126154)], trnA-UGC [complement(138428..138462)], trnA-UGC [complement(139264..139301)], trnI-GAU [complement(139365..139399)], trnI-GAU [complement(140335..140376)], ndhB [146014..146790], ndhB [147491..148246], rpl2 [157351..157741], rpl2 [158404..158834]	trnK-UUU [complement(1471..4125)], rps16 [complement(5105..5838)], trnG-GCC [8456..9157], atpF [complement(11514..12337)], rpoC1 [complement(22594..23326)], ycf3 [complement(44187..44980)], ycf3 [complement(45209..45930)], trnL-UAA [49390..49923], trnV-UAC [complement(54124..54721)], clpP [complement(72989..73632)], clpP [complement(73925..74789)], petB [77805..78653], petD [79508..80249], rpl16 [complement(84659..85702)], rpl2 [complement(88126..88787)], ndhB [complement(99038..99737)], trnI-GAU [106194..107128], trnA-UGC [107265..108065], ndhA [complement(124527..125601)], trnA-UGC [complement(138463..139263)], trnI-GAU [complement(139400..140334)], ndhB [146791..147490], rpl2 [157742..158403]
964.	CUSA	13	rps16 [complement(5082..5296)], trnG [9487..10242], rpoC1 [complement(21728..23339)], rpoC1 [complement(24128..24558)], rps12 [142404..142429], petB [77928..78569], rpl16 [complement(83473..83871)]	rps16 [complement(5297..6192)], trnG [9510..9486], trnG [10243..10194], rpoC1 [complement(23340..24127)], ycf3 [complement(45834..46579)], ndhB [complement(97169..97854)]
965.	CUSE	34	rps12 [complement(51990..52015)], rps12 [complement(52535..52766)], rps12 [complement(28438..28551)], rpl2 [5826..6224], rpl16 [9874..10287], petB [complement(16996..17001)], trnI-GAU [56662..56703], trnI-GAU [57584..57618], trnA-UGC [57670..57707], trnA-UGC [58484..58519], trnL-	rpl2 [6225..6867], rpl16 [9048..9873], petD [complement(14715..15382)], petB [complement(16224..16995)], ndhB [complement(49693..50462)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAA [complement(75384..75433)], trnL-UAA [complement(75718..75755)], trnG-UCC [complement(109131..109178)], trnG-UCC [complement(109950..109972)], trnK-UUU [115213..115249], trnK-UUU [117692..117716], trnV-UAC [complement(125675..125711)], trnV-UAC [complement(126238..126276)]	[56704..57583], trnA-UGC [57708..58483], ndhA [69287..70041], trnL-UAA [complement(75434..75717)], ycf3 [78360..79098], ycf3 [79324..80018], rpoC1 [97009..97751], atpF [106211..106871], trnG-UCC [complement(109179..109949)], trnK-UUU [115250..117691], trnV-UAC [complement(125712..126237)]
966.	CUST	3	rps12 [complement(57686..57943)], rps12 [complement(41469..41582)], rps12 [12708..12965]	-
967.	CUTN	28	trnI-GAU [55676..55712], trnI-GAU [56599..56633], trnA-UGC [56685..56722], trnA-UGC [57495..57528], trnL-UAA [complement(74374..74423)], trnL-UAA [complement(74711..74745)], trnG-UCC [complement(108063..108109)], trnG-UCC [complement(108865..108889)], trnK-UUU [114019..114055], trnK-UUU [116496..116521], trnV-UAC [complement(124403..124439)], trnV-UAC [complement(124967..125004)]	rpl2 [6076..6715], rpl16 [8895..9723], petD [complement(14255..14908)], petB [complement(15744..16512)], ndhB [complement(48814..49545)], trnI-GAU [55713..56598], trnA-UGC [56723..57494], ndhA [68300..69050], trnL-UAA [complement(74424..74710)], ycf3 [77323..78043], ycf3 [78274..78965], rpoC1 [95898..96632], atpF [105144..105803], trnG-UCC [complement(108110..108864)], trnK-UUU [114056..116495], trnV-UAC [complement(124440..124966)]
968.	CUTO	29	trnI-GAU [56141..56177], trnI-GAU [57064..57098], trnA-UGC [57150..57187], trnA-UGC [57964..57998], ndhA [69500..70047], trnL-UAA [complement(74819..74868)], trnL-UAA [complement(75156..75190)], trnG-UCC [complement(108440..108486)], trnG-UCC [complement(109255..109279)], trnK-UUU [114455..114491], trnK-UUU [116935..116959], trnV-UAC [complement(124875..124911)], trnV-UAC [complement(125439..125476)]	rpl2 [6060..6701], rpl16 [8887..9737], petD [complement(14237..14890)], petB [complement(15725..16502)], ndhB [complement(48985..49719)], trnI-GAU [56178..57063], trnA-UGC [57188..57963], ndhA [68747..69499], trnL-UAA [complement(74869..75155)], ycf3 [77776..78491], ycf3 [78722..79416], rpoC1 [96319..97048], atpF [105526..106185], trnG-UCC [complement(108487..109254)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnK-UUU [114492..116934], trnV-UAC [complement(124912..125438)]
969.	CYAL	64	rps12 [complement(99984..100009)], rps12 [complement(100557..100788)], rps12 [complement(70644..70757)], trnK-UUU [complement(1470..1495)], trnK-UUU [complement(4211..4247)], rps16 [complement(4721..4965)], rps16 [complement(5865..5904)], trnG-GCC [8925..8947], trnG-GCC [9667..9713], atpF [complement(11683..12093)], atpF [complement(13037..13180)], rpoC1 [complement(20528..22138)], rpoC1 [complement(22941..23375)], ycf3 [complement(43323..43475)], ycf3 [complement(44245..44474)], ycf3 [complement(45213..45336)], trnL-UAA [47912..47946], trnL-UAA [48682..48731], trnV-UAC [complement(51928..51962)], trnV-UAC [complement(52537..52575)], rps12 [complement(70644..70757)], rps12 [141758..141989], rps12 [142537..142562], clpP [complement(70891..71142)], clpP [complement(71825..72115)], clpP [complement(73035..73103)], petB [76376..76381], petB [77115..77756], petD [77942..77949], petD [78816..79296], rpl16 [complement(82814..83212)], rpl16 [complement(84432..84440)], rpl2 [complement(86372..86803)], rpl2 [complement(87465..87851)], trnI-GAU [104668..104709], trnI-GAU [105639..105673], trnA-UGC [105738..105775], trnA-UGC [106561..106595], trnA-UGC [complement(135944..135978)], trnA-UGC [complement(136764..136801)], trnI-GAU [complement(136866..136900)], trnI-GAU [complement(137830..137871)], rpl2 [154689..155081], rpl2 [155743..156174]	trnK-UUU [complement(1496..4210)], rps16 [complement(4966..5864)], trnG-GCC [8948..9666], atpF [complement(12094..13036)], rpoC1 [complement(22139..22940)], ycf3 [complement(43476..44244)], ycf3 [complement(44475..45212)], trnL-UAA [47947..48681], trnV-UAC [complement(51963..52536)], clpP [complement(71143..71824)], clpP [complement(72116..73034)], petB [76382..77114], petD [77950..78815], rpl16 [complement(83213..84431)], rpl2 [complement(86804..87464)], trnI-GAU [104710..105638], trnA-UGC [105776..106560], trnA-UGC [complement(135979..136763)], trnI-GAU [complement(136901..137829)], rpl2 [155082..155742]
970.	CYAN	2	rps12 [complement(18699..18812)], rps12 [161394..161419]	-
971.	CYAU	70	rps12 [complement(104460..104494)], rps12 [complement(105048..105279)], rps12 [complement(77036..77149)], trnK-UUU [complement(1688..1722)], trnK-UUU [complement(4219..4255)], rps16 [complement(5057..5283)], rps16 [complement(6116..6155)], trnG-UCC [9350..9372], trnG-UCC [10050..10086], atpF [complement(11963..12372)], atpF [complement(13093..13237)], rpoC1 [complement(25307..26914)], rpoC1 [complement(27683..28135)], ycf3 [complement(48486..48638)], ycf3 [complement(49426..49655)], ycf3 [complement(50420..50543)], trnL-UAA	trnK-UUU [complement(1723..4218)], rps16 [complement(5284..6115)], trnG-UCC [9373..10049], atpF [complement(12373..13092)], rpoC1 [complement(26915..27682)], ycf3 [complement(48639..49425)], ycf3 [complement(49656..50419)], trnL-UAA [53421..53912], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[53384..53420], trnL-UAA [53913..53962], trnV-UAC [complement(57975..58011)], trnV-UAC [complement(58591..58628)], clpP [complement(77273..77590)], clpP [complement(78257..78548)], clpP [complement(79380..79450)], petB [82359..82364], petB [83124..83765], petD [83962..83969], petD [84749..85223], rpl16 [complement(88737..89135)], rpl16 [complement(90338..90346)], rpl2 [complement(92037..92470)], rpl2 [complement(93110..93500)], ndhB [complement(101451..102206)], ndhB [complement(102890..103666)], trnI-GAU [108947..108988], trnI-GAU [109931..109965], trnA-UGC [110029..110066], trnA-UGC [110884..110918], ndhA [complement(126644..127188)], ndhA [complement(128253..128796)], trnA-UGC [complement(141896..141930)], trnA-UGC [complement(142748..142785)], trnI-GAU [complement(142849..142883)], trnI-GAU [complement(143826..143867)], ndhB [149148..149924], ndhB [150608..151363], rpl2 [159314..159704], rpl2 [160344..160777]	[complement(58012..58590)], clpP [complement(77591..78256)], clpP [complement(78549..79379)], petB [82365..83123], petD [83970..84748], rpl16 [complement(89136..90337)], rpl2 [complement(92471..93109)], ndhB [complement(102207..102889)], trnI-GAU [108989..109930], trnA-UGC [110067..110883], ndhA [complement(127189..128252)], trnA-UGC [complement(141931..142747)], trnI-GAU [complement(142884..143825)], ndhB [149925..150607], rpl2 [159705..160343]
972.	CYBA	42	rps12 [complement(97328..97570)], rps12 [complement(69189..69302)], trnK-UUU [complement(1746..1781)], trnK-UUU [complement(4314..4350)], trnG-UCC [complement(29750..29798)], trnG-UCC [complement(30505..30527)], trnL-UAA [46499..46535], trnL-UAA [46976..47025], trnV-UAC [complement(50933..50969)], trnV-UAC [complement(51544..51581)], rps12 [138578..138820], trnI-GAU [101499..101541], trnI-GAU [102478..102512], trnA-UGC [102577..102614], trnA-UGC [103436..103470], trnA-UGC [complement(132678..132712)], trnA-UGC [complement(133534..133571)], trnI-GAU [complement(133636..133670)], trnI-GAU [complement(134607..134649)]	trnK-UUU [complement(1782..4313)], rps16 [complement(5355..6208)], rpoC1 [16176..16907], atpF [26614..27320], trnG-UCC [complement(29799..30504)], ycf3 [complement(41845..42586)], ycf3 [complement(42817..43514)], trnL-UAA [46536..46975], trnV-UAC [complement(50970..51543)], clpP [complement(69687..70311)], clpP [complement(70603..71405)], petB [74396..75166], petD [76005..76709], rpl16 [complement(81034..82037)], rpl2 [complement(84147..84811)], ndhB [complement(94521..95190)], trnI-GAU [101542..102477], trnA-UGC [102615..103435], ndhA [116006..117065], trnA-UGC [complement(132713..133533)], trnI-GAU [complement(133671..134606)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhB [140958..141627], rpl2 [151337..152001]
973.	CYBE	1	rps12 [complement(18811..18924)]	-
974.	CYBN	1	rps12 [155756..155781]	-
975.	CYCA	69	rps12 [complement(95994..96019)], rps12 [complement(96556..96787)], rps12 [complement(68803..68916)], trnH-GUG [complement(151555..151557)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1642..1676)], trnK-UUU [complement(4160..4196)], rps16 [complement(4726..4939)], rps16 [complement(5837..5877)], trnG-UCC [8626..8648], trnG-UCC [9359..9406], atpF [complement(11270..11679)], atpF [complement(12443..12587)], rpoC1 [complement(20167..21768)], rpoC1 [complement(22536..22967)], ycf3 [complement(42360..42512)], ycf3 [complement(43257..43484)], ycf3 [complement(44264..44389)], trnL-UAA [46909..46945], trnL-UAA [47590..47639], trnV-UAC [complement(50884..50918)], trnV-UAC [complement(51517..51554)], rps12 [138123..138354], rps12 [138891..138916], clpP [complement(69060..69287)], clpP [complement(69889..70180)], clpP [complement(71021..71091)], petB [74026..74031], petB [74773..75414], petD [75619..75626], petD [76391..76865], rpl16 [complement(80320..80718)], rpl16 [complement(81715..81723)], ndhB [complement(92975..93730)], ndhB [complement(94405..95181)], trnI-GAU [100250..100286], trnI-GAU [101236..101270], trnA-UGC [101341..101378], trnA-UGC [102205..102239], ndhA [complement(118484..119022)], ndhA [complement(119951..120503)], trnA-UGC [complement(132671..132705)], trnA-UGC [complement(133532..133569)], trnI-GAU [complement(133640..133674)], trnI-GAU [complement(134624..134660)], ndhB [139729..140505], ndhB [141180..141935]	trnH-GUG [complement(151558..0)], trnK-UUU [complement(1677..4159)], rps16 [complement(4940..5836)], trnG-UCC [8649..9358], atpF [complement(11680..12442)], rpoC1 [complement(21769..22535)], ycf3 [complement(42513..43256)], ycf3 [complement(43485..44263)], trnL-UAA [46946..47589], trnV-UAC [complement(50919..51516)], clpP [complement(69288..69888)], clpP [complement(70181..71020)], petB [74032..74772], petD [75627..76390], rpl16 [complement(80719..81714)], ndhB [complement(93731..94404)], trnI-GAU [100287..101235], trnA-UGC [101379..102204], ndhA [complement(119023..119950)], trnA-UGC [complement(132706..133531)], trnI-GAU [complement(133675..134623)], ndhB [140506..141179]
976.	CYCI	64	rps12 [complement(87550..87578)], rps12 [complement(88119..88350)], rps12 [complement(65757..65870)], trnK-UUU [complement(1392..1426)], trnK-UUU [complement(3924..3960)], rps16 [complement(4517..4734)], rps16 [complement(5565..5604)], trnG-UCC [complement(12556..12603)], trnG-UCC [complement(13280..13302)], atpF [31349..31493], atpF [32315..32721],	trnK-UUU [complement(1427..3923)], rps16 [complement(4735..5564)], trnG-UCC [complement(12604..13279)], atpF [31494..32314], ycf3 [complement(40688..41407)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>ycf3 [complement(40527..40687)], ycf3 [complement(41408..41633)], ycf3 [complement(42394..42519)], trnL-UAA [45243..45277], trnL-UAA [45813..45862], trnV-UAC [complement(49437..49473)], trnV-UAC [complement(50079..50117)], rps12 [125231..125462], rps12 [126003..126031], petB [69672..69677], petB [70435..71076], petD [71266..71273], petD [72010..72484], rpl16 [complement(76071..76472)], rpl16 [complement(77355..77363)], rpl2 [complement(79363..79793)], rpl2 [complement(80457..80847)], ndhB [complement(84482..85237)], ndhB [complement(85950..86726)], trnI-GAU [92134..92170], trnI-GAU [92977..93011], trnA-UGC [93077..93114], trnA-UGC [93926..93960], ndhA [complement(110130..110668)], ndhA [complement(111702..112251)], trnA-UGC [complement(119621..119655)], trnA-UGC [complement(120467..120504)], trnI-GAU [complement(120570..120604)], trnI-GAU [complement(121411..121447)], ndhB [126855..127631], ndhB [128344..129099], rpl2 [132734..133124], rpl2 [133788..134218]</p>	<p>[complement(41634..42393)], trnL-UAA [45278..45812], trnV-UAC [complement(49474..50078)], petB [69678..70434], petD [71274..72009], rpl16 [complement(76473..77354)], rpl2 [complement(79794..80456)], ndhB [complement(85238..85949)], trnI-GAU [92171..92976], trnA-UGC [93115..93925], ndhA [complement(110669..111701)], trnA-UGC [complement(119656..120466)], trnI-GAU [complement(120605..121410)], ndhB [127632..128343], rpl2 [133125..133787]</p>
977.	CYCO	42	<p>rps12 [complement(97309..97551)], rps12 [complement(69167..69280)], trnK-UUU [1745..1780], trnK-UUU [4313..4349], trnG-UCC [complement(29704..29752)], trnG-UCC [complement(30459..30481)], trnL-UAA [46454..46490], trnL-UAA [46931..46980], trnV-UAC [complement(50889..50925)], trnV-UAC [complement(51500..51537)], rps12 [138580..138822], trnI-GAU [101480..101522], trnI-GAU [102459..102493], trnA-UGC [102558..102595], trnA-UGC [103417..103451], trnA-UGC [complement(132680..132714)], trnA-UGC [complement(133536..133573)], trnI-GAU [complement(133638..133672)], trnI-GAU [complement(134609..134651)]</p>	<p>trnK-UUU [1781..4312], rps16 [complement(5354..6207)], rpoC1 [16155..16886], atpF [26593..27299], trnG-UCC [complement(29753..30458)], ycf3 [complement(41795..42536)], ycf3 [complement(42767..43464)], trnL-UAA [46491..46930], trnV-UAC [complement(50926..51499)], clpP [complement(69665..70290)], clpP [complement(70582..71384)], petB [74375..75145], petD [75984..76688], rpl16 [complement(81015..82018)], rpl2 [complement(84128..84792)], ndhB [complement(94502..95171)], trnI-GAU [101523..102458], trnA-UGC [102596..103416], ndhA [116011..117070], trnA-UGC [complement(132715..133535)],</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnI-GAU [complement(133673..134608)], ndhB [140960..141629], rpl2 [151339..152003]
978.	CYCR	3	rps12 [complement(74985..75098)], rps12 [157752..157777]	trnL-UAA [complement(8999..9509)]
979.	CYCT	32	rps12 [complement(92165..92443)], rps12 [complement(68570..68686)], rps16 [complement(4500..4711)], rps16 [complement(5564..5612)], atpF [34339..34498], atpF [35316..35722], ycf3 [complement(43482..43640)], ycf3 [complement(44375..44603)], ycf3 [complement(45398..45531)], rps12 [128948..129226], rpl16 [complement(78809..79029)], rpl16 [complement(80089..80107)], rpl2 [complement(82258..82685)], rpl2 [complement(83343..83754)], ndhB [complement(88541..89298)], ndhB [complement(90000..90777)], ndhA [complement(113660..114198)], ndhA [complement(115214..115766)], ndhB [130614..131388], ndhB [132091..132848], rpl2 [137635..138043], rpl2 [138704..139131]	rps16 [complement(4712..5563)], atpF [34499..35315], ycf3 [complement(43641..44374)], ycf3 [complement(44604..45397)], rpl16 [complement(79030..80088)], rpl2 [complement(82686..83342)], ndhB [complement(89299..89999)], ndhA [complement(114199..115213)], ndhB [131389..132090], rpl2 [138044..138703]
980.	CYDA	64	rps12 [complement(88216..88244)], rps12 [complement(88785..89016)], rps12 [complement(66666..66779)], trnK-UUU [complement(1382..1416)], trnK-UUU [complement(3884..3920)], rps16 [complement(4491..4708)], rps16 [complement(5536..5575)], trnG-UCC [complement(13031..13078)], trnG-UCC [complement(13753..13775)], atpF [32768..32926], atpF [33744..34151], ycf3 [complement(41945..42103)], ycf3 [complement(42834..43063)], ycf3 [complement(43812..43935)], trnL-UAA [46664..46698], trnL-UAA [47247..47296], trnV-UAC [complement(50866..50901)], trnV-UAC [complement(51501..51538)], rps12 [125014..125245], rps12 [125786..125814], petB [70513..70518], petB [71300..71941], petD [72142..72149], petD [72890..73364], rpl16 [complement(76907..77308)], rpl16 [complement(78356..78364)], rpl2 [complement(80305..80736)], rpl2 [complement(81397..81789)], ndhB [complement(85143..85898)], ndhB [complement(86611..87387)], trnI-GAU [92845..92886], trnI-GAU [93596..93630], trnA-UGC [93703..93740], trnA-UGC [94551..94585], ndhA [complement(109986..110524)], ndhA [complement(111547..112096)], trnA-UGC [complement(119445..119479)], trnA-UGC [complement(120290..120327)], trnI-GAU [complement(120400..120434)],	trnK-UUU [complement(1417..3883)], rps16 [complement(4709..5535)], trnG-UCC [complement(13079..13752)], atpF [32927..33743], ycf3 [complement(42104..42833)], ycf3 [complement(43064..43811)], trnL-UAA [46699..47246], trnV-UAC [complement(50902..51500)], petB [70519..71299], petD [72150..72889], rpl16 [complement(77309..78355)], rpl2 [complement(80737..81396)], ndhB [complement(85899..86610)], trnI-GAU [92887..93595], trnA-UGC [93741..94550], ndhA [complement(110525..111546)], trnA-UGC [complement(119480..120289)], trnI-GAU [complement(120435..121143)], ndhB [127420..128131], rpl2 [132634..133293]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(121144..121185)], ndhB [126643..127419], ndhB [128132..128887], rpl2 [132241..132633], rpl2 [133294..133725]	
981.	CYDE	1	rps12 [complement(161490..161515)]	-
982.	CYEN	61	rps12 [complement(100188..100213)], rps12 [complement(100761..100989)], rps12 [complement(70799..70936)], trnK-UUU [complement(1607..1632)], trnK-UUU [complement(4378..4414)], rps16 [complement(4976..5220)], rps16 [complement(6092..6131)], atpF [complement(11786..12193)], atpF [complement(13060..13203)], rpoC1 [complement(20501..22111)], rpoC1 [complement(22897..23331)], ycf3 [complement(43231..43383)], ycf3 [complement(44153..44382)], ycf3 [complement(45120..45243)], trnL-UAA [47802..47836], trnL-UAA [48723..48772], trnV-UAC [complement(51959..51993)], trnV-UAC [complement(52579..52617)], rps12 [complement(70799..70936)], rps12 [142276..142504], rps12 [143052..143077], clpP [complement(71073..71324)], clpP [complement(72010..72300)], clpP [complement(73213..73281)], petB [76527..76532], petB [77268..77909], petD [78095..78102], petD [78971..79451], rpl16 [complement(83004..83402)], rpl16 [complement(84569..84577)], rpl2 [complement(86526..86957)], rpl2 [complement(87619..88005)], trnI-GAU [104995..105036], trnI-GAU [105971..106005], trnA-UGC [106070..106107], trnA-UGC [106893..106927], trnA-UGC [complement(136338..136372)], trnA-UGC [complement(137158..137195)], trnI-GAU [complement(137260..137294)], trnI-GAU [complement(138229..138270)], rpl2 [155260..155646], rpl2 [156308..156739]	trnK-UUU [complement(1633..4377)], rps16 [complement(5221..6091)], atpF [complement(12194..13059)], rpoC1 [complement(22112..22896)], ycf3 [complement(43384..44152)], ycf3 [complement(44383..45119)], trnL-UAA [47837..48722], trnV-UAC [complement(51994..52578)], clpP [complement(71325..72009)], clpP [complement(72301..73212)], petB [76533..77267], petD [78103..78970], rpl16 [complement(83403..84568)], rpl2 [complement(86958..87618)], trnI-GAU [105037..105970], trnA-UGC [106108..106892], trnA-UGC [complement(136373..137157)], trnI-GAU [complement(137295..138228)], rpl2 [155647..156307]
983.	CYFA	64	rps12 [complement(100207..100232)], rps12 [complement(100780..101011)], rps12 [complement(70910..71020)], trnK-UUU [complement(1575..1600)], trnK-UUU [complement(4370..4406)], rps16 [complement(4974..5218)], rps16 [complement(6105..6144)], trnG-GCC [9142..9164], trnG-GCC [9877..9923], atpF [complement(11904..12314)], atpF [complement(13175..13318)], rpoC1 [complement(20629..22239)], rpoC1 [complement(23015..23449)], ycf3 [complement(43403..43555)], ycf3 [complement(44334..44563)], ycf3 [complement(45299..45422)], trnL-UAA [48014..48048], trnL-UAA	trnK-UUU [complement(1601..4369)], rps16 [complement(5219..6104)], trnG-GCC [9165..9876], atpF [complement(12315..13174)], rpoC1 [complement(22240..23014)], ycf3 [complement(43556..44333)], ycf3 [complement(44564..45298)], trnL-UAA [48049..48949], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48950..48999], trnV-UAC [complement(52228..52262)], trnV-UAC [complement(52841..52879)], rps12 [complement(70910..71020)], rps12 [142104..142335], rps12 [142883..142908], clpP [complement(71157..71408)], clpP [complement(72090..72380)], clpP [complement(73295..73363)], petB [76599..76604], petB [77338..77979], petD [78165..78172], petD [79043..79523], rpl16 [complement(83086..83484)], rpl16 [complement(84634..84642)], rpl2 [complement(86582..87013)], rpl2 [complement(87675..88061)], trnI-GAU [104971..105012], trnI-GAU [105934..105968], trnA-UGC [106033..106070], trnA-UGC [106856..106890], trnA-UGC [complement(136225..136259)], trnA-UGC [complement(137045..137082)], trnI-GAU [complement(137147..137181)], trnI-GAU [complement(138103..138144)], rpl2 [155048..155440], rpl2 [156102..156533]	[complement(52263..52840)], clpP [complement(71409..72089)], clpP [complement(72381..73294)], petB [76605..77337], petD [78173..79042], rpl16 [complement(83485..84633)], rpl2 [complement(87014..87674)], trnI-GAU [105013..105933], trnA-UGC [106071..106855], trnA-UGC [complement(136260..137044)], trnI-GAU [complement(137182..138102)], rpl2 [155441..156101]
984.	CYFI	1	rps12 [151766..151791]	-
985.	CYFL	23	trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3918..3955)], rps12 [129756..129784]	trnK-UUU [complement(1415..3917)], rps16 [complement(4720..5574)], trnG-UCC [complement(13362..14059)], atpF [34471..35301], ycf3 [complement(43625..44358)], ycf3 [complement(44587..45383)], trnL-UAA [48342..48792], trnV-UAC [complement(52417..53018)], petB [72427..73173], petD [74012..74751], rpl16 [complement(79192..80269)], rpl2 [complement(82672..83334)], ndhB [complement(89284..89987)], trnI-GAU [96292..97237], trnA-UGC [97376..98185], ndhA [complement(114198..115215)], trnA-UGC [complement(123193..124002)], trnI-GAU [complement(124141..125086)], ndhB [131391..132094], rpl2 [138044..138706]
986.	CYFO	73	rps12 [complement(115477..115502)], rps12 [complement(116056..116233)],	trnK-UUU [1524..5627], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(82008..82121)], trnK-UUU [1489..1523], trnK-UUU [5628..5658], rps16 [complement(6384..6605)], rps16 [complement(7504..7539)], trnV-UAC [28367..28405], trnV-UAC [28993..29029], trnL-UAA [complement(33450..33499)], trnL-UAA [complement(34959..34993)], ycf3 [38074..38199], ycf3 [38931..39158], ycf3 [39923..40075], rpoC1 [61943..62374], rpoC1 [63154..64776], atpF [72472..72615], atpF [74516..74926], trnG-GCC [complement(77240..77286)], trnG-GCC [complement(77983..78005)], rps12 [complement(82008..82121)], rps12 [162793..162970], rps12 [163525..163553], clpP [complement(82314..82559)], clpP [complement(83409..83699)], clpP [complement(85428..85496)], petB [90684..90689], petB [90931..91572], petD [91751..91758], petD [92658..93141], rpl16 [complement(97390..97794)], rpl16 [complement(99706..99714)], rpl2 [complement(101793..102221)], rpl2 [complement(102883..103269)], ndhB [complement(112394..113149)], ndhB [complement(113859..114635)], trnI-GAU [120341..120377], trnI-GAU [121315..121349], trnA-UGC [121414..121467], trnA-UGC [122253..122287], ndhA [complement(141660..142199)], ndhA [complement(143510..144061)], trnA-UGC [complement(156739..156773)], trnA-UGC [complement(157559..157612)], trnI-GAU [complement(157677..157711)], trnI-GAU [complement(158649..158685)], ndhB [164391..165167], ndhB [165877..166632], rpl2 [175757..176143], rpl2 [176805..177233]	[complement(6606..7503)], trnV-UAC [28406..28992], trnL-UAA [complement(33500..34958)], ycf3 [38200..38930], ycf3 [39159..39922], rpoC1 [62375..63153], atpF [72616..74515], trnG-GCC [complement(77287..77982)], clpP [complement(82560..83408)], clpP [complement(83700..85427)], petB [90690..90930], petD [91759..92657], rpl16 [complement(97795..99705)], rpl2 [complement(102222..102882)], ndhB [complement(113150..113858)], trnI-GAU [120378..121314], trnA-UGC [121468..122252], ndhA [complement(142200..143509)], trnA-UGC [complement(156774..157558)], trnI-GAU [complement(157712..158648)], ndhB [165168..165876], rpl2 [176144..176804]
987.	CYGL	1	rps12 [complement(99482..99507)]	-
988.	CYGO	63	rps12 [complement(99403..99428)], rps12 [complement(99976..100204)], rps12 [complement(70029..70166)], trnK-UUU [complement(912..937)], trnK-UUU [complement(3707..3743)], rps16 [complement(4485..4729)], rps16 [complement(5588..5627)], trnG-GCC [8702..8722], trnG-GCC [9436..9482], atpF [complement(11463..11873)], atpF [complement(12724..12867)], rpoC1 [complement(20162..21772)], rpoC1 [complement(22550..22984)], ycf3 [complement(42826..42978)], ycf3 [complement(43763..43992)], ycf3 [complement(44728..44851)], trnL-UAA [47413..47447], trnL-UAA [48304..48353], trnV-UAC [complement(51577..51611)], trnV-UAC [complement(52186..52224)], rps12 [141272..141500], rps12	trnK-UUU [complement(938..3706)], rps16 [complement(4730..5587)], trnG-GCC [8723..9435], atpF [complement(11874..12723)], rpoC1 [complement(21773..22549)], ycf3 [complement(42979..43762)], ycf3 [complement(43993..44727)], trnL-UAA [47448..48303], trnV-UAC [complement(51612..52185)], clpP [complement(70555..71240)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142048..142073], clpP [complement(70303..70554)], clpP [complement(71241..71531)], clpP [complement(72443..72511)], petB [75754..75759], petB [76497..77138], petD [77324..77331], petD [78208..78688], rpl16 [complement(82256..82654)], rpl16 [complement(83798..83806)], rpl2 [complement(85756..86187)], rpl2 [complement(86849..87235)], trnI-GAU [104148..104189], trnI-GAU [105111..105145], trnA-UGC [105210..105247], trnA-UGC [106033..106067], trnA-UGC [complement(135409..135443)], trnA-UGC [complement(136229..136266)], trnI-GAU [complement(136331..136365)], trnI-GAU [complement(137287..137328)], rpl2 [154241..154627], rpl2 [155289..155720]	[complement(71532..72442)], petB [75760..76496], petD [77332..78207], rpl16 [complement(82655..83797)], rpl2 [complement(86188..86848)], trnI-GAU [104190..105110], trnA-UGC [105248..106032], trnA-UGC [complement(135444..136228)], trnI-GAU [complement(136366..137286)], rpl2 [154628..155288]
989.	CYHU	39	rps12 [complement(97351..97593)], rps12 [complement(69214..69327)], trnK-UUU [complement(1746..1781)], trnK-UUU [complement(4315..4351)], trnL-UAA [46501..46537], trnL-UAA [46978..47027], trnV-UAC [complement(50941..50977)], trnV-UAC [complement(51552..51589)], rps12 [138615..138857], trnI-GAU [101522..101564], trnI-GAU [102501..102535], trnA-UGC [102600..102637], trnA-UGC [103459..103493], trnA-UGC [complement(132715..132749)], trnA-UGC [complement(133571..133608)], trnI-GAU [complement(133673..133707)], trnI-GAU [complement(134644..134686)]	trnK-UUU [complement(1782..4314)], rps16 [complement(5355..6208)], rpoC1 [16160..16891], atpF [26605..27311], ycf3 [complement(41834..42581)], ycf3 [complement(42812..43509)], trnL-UAA [46538..46977], trnV-UAC [complement(50978..51551)], clpP [complement(69712..70337)], clpP [complement(70629..71429)], petB [74420..75190], petD [76029..76733], rpl16 [complement(81058..82061)], rpl2 [complement(84170..84834)], ndhB [complement(94544..95213)], trnI-GAU [101565..102500], trnA-UGC [102638..103458], ndhA [116048..117106], trnA-UGC [complement(132750..133570)], trnI-GAU [complement(133708..134643)], ndhB [140995..141664], rpl2 [151374..152038]
990.	CYHY	5	clpP [2106..2133], clpP [2242..2801], rps12 [2875..2991], rps12 [complement(5925..6209)]	clpP [2134..2241]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
991.	CYJA	73	<p>rps12 [complement(111835..111860)], rps12 [complement(112414..112645)], rps12 [complement(78839..78952)], trnK-UUU [complement(1541..1575)], trnK-UUU [complement(5452..5488)], rps16 [complement(6227..6432)], rps16 [complement(7329..7368)], trnG-UCC [10514..10536], trnG-UCC [11233..11280], atpF [complement(13535..13945)], atpF [complement(15720..15863)], rpoC1 [complement(23589..25206)], rpoC1 [complement(25998..26425)], ycf3 [complement(48160..48312)], ycf3 [complement(49077..49304)], ycf3 [complement(50036..50161)], trnL-UAA [53237..53271], trnL-UAA [54568..54617], trnV-UAC [complement(59077..59111)], trnV-UAC [complement(59709..59747)], rps12 [complement(78839..78952)], rps12 [159095..159326], rps12 [159880..159905], clpP [complement(79135..79386)], clpP [complement(80212..80503)], clpP [complement(82045..82115)], petB [86687..86692], petB [87441..88082], petD [88153..88158], petD [89166..89642], rpl16 [complement(93879..94283)], rpl16 [complement(96071..96079)], rpl2 [complement(98154..98584)], rpl2 [complement(99249..99639)], ndhB [complement(108752..109507)], ndhB [complement(110217..110993)], trnI-GAU [116703..116738], trnI-GAU [117676..117711], trnA-UGC [117776..117813], trnA-UGC [118615..118649], ndhA [complement(138000..138538)], ndhA [complement(139833..140385)], trnA-UGC [complement(153091..153125)], trnA-UGC [complement(153927..153964)], trnI-GAU [complement(154029..154064)], trnI-GAU [complement(155002..155037)], ndhB [160747..161523], ndhB [162233..162988], rpl2 [172101..172491], rpl2 [173156..173586]</p>	<p>trnK-UUU [complement(1576..5451)], rps16 [complement(6433..7328)], trnG-UCC [10537..11232], atpF [complement(13946..15719)], rpoC1 [complement(25207..25997)], ycf3 [complement(48313..49076)], ycf3 [complement(49305..50035)], trnL-UAA [53272..54567], trnV-UAC [complement(59112..59708)], clpP [complement(79387..80211)], clpP [complement(80504..82044)], petB [86693..87440], petD [88159..89165], rpl16 [complement(94284..96070)], rpl2 [complement(98585..99248)], ndhB [complement(109508..110216)], trnI-GAU [116739..117675], trnA-UGC [117814..118614], ndhA [complement(138539..139832)], trnA-UGC [complement(153126..153926)], trnI-GAU [complement(154065..155001)], ndhB [161524..162232], rpl2 [172492..173155]</p>
992.	CYKA	63	<p>rps12 [complement(99383..99408)], rps12 [complement(99956..100187)], rps12 [complement(70107..70220)], trnK-UUU [complement(1452..1477)], trnK-UUU [complement(4233..4269)], rps16 [complement(4852..5096)], rps16 [complement(5954..5993)], trnG-UCC [8979..9001], trnG-UCC [9714..9760], atpF [complement(11727..12136)], atpF [complement(13058..13202)], rpoC1 [complement(20548..22158)], rpoC1 [complement(22934..23368)], ycf3 [complement(43461..43613)], ycf3 [complement(44383..44612)], ycf3 [complement(45349..45472)], trnL-UAA [47822..47856], trnL-UAA</p>	<p>trnK-UUU [complement(1478..4232)], rps16 [complement(5097..5953)], trnG-UCC [9002..9713], atpF [complement(12137..13057)], rpoC1 [complement(22159..22933)], ycf3 [complement(43614..44382)], ycf3 [complement(44613..45348)], trnL-UAA [47857..48704], trnV-UAC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48705..48754], trnV-UAC [complement(51936..51970)], trnV-UAC [complement(52547..52585)], rps12 [135057..135288], rps12 [135836..135861], clpP [complement(70357..70608)], clpP [complement(71282..71573)], clpP [complement(72473..72543)], petB [75792..75797], petB [76532..77173], petD [77359..77364], petD [78157..78639], rpl16 [complement(82194..82592)], rpl16 [complement(83808..83816)], rpl2 [complement(85756..86186)], rpl2 [complement(86851..87241)], trnI-GAU [104075..104111], trnI-GAU [105038..105072], trnA-UGC [105137..105174], trnA-UGC [105960..105994], trnA-UGC [complement(129250..129284)], trnA-UGC [complement(130070..130107)], trnI-GAU [complement(130172..130206)], trnI-GAU [complement(131133..131169)], rpl2 [148003..148393], rpl2 [149058..149488]	[complement(51971..52546)], clpP [complement(70609..71281)], clpP [complement(71574..72472)], petB [75798..76531], petD [77365..78156], rpl16 [complement(82593..83807)], rpl2 [complement(86187..86850)], trnI-GAU [104112..105037], trnA-UGC [105175..105959], trnA-UGC [complement(129285..130069)], trnI-GAU [complement(130207..131132)], rpl2 [148394..149057]
993.	CYLA	63	rps12 [complement(99088..99113)], rps12 [complement(99661..99892)], rps12 [complement(69755..69868)], trnK-UUU [complement(1450..1475)], trnK-UUU [complement(4237..4273)], rps16 [complement(4737..4981)], rps16 [complement(5866..5905)], trnG-UCC [8859..8881], trnG-UCC [9594..9640], atpF [complement(11603..12012)], atpF [complement(12934..13078)], rpoC1 [complement(20448..22058)], rpoC1 [complement(22826..23260)], ycf3 [complement(43167..43319)], ycf3 [complement(44022..44251)], ycf3 [complement(44992..45115)], trnL-UAA [47431..47465], trnL-UAA [48334..48383], trnV-UAC [complement(51599..51633)], trnV-UAC [complement(52208..52246)], rps12 [134770..135001], rps12 [135549..135574], clpP [complement(70002..70253)], clpP [complement(70927..71218)], clpP [complement(72147..72217)], petB [75457..75462], petB [76200..76841], petD [77027..77032], petD [77915..78397], rpl16 [complement(81939..82337)], rpl16 [complement(83484..83492)], rpl2 [complement(85446..85876)], rpl2 [complement(86541..86931)], trnI-GAU [103744..103780], trnI-GAU [104716..104750], trnA-UGC [104815..104852], trnA-UGC [105638..105672], trnA-UGC [complement(128990..129024)], trnA-UGC [complement(129810..129847)], trnI-GAU [complement(129912..129946)],	trnK-UUU [complement(1476..4236)], rps16 [complement(4982..5865)], trnG-UCC [8882..9593], atpF [complement(12013..12933)], rpoC1 [complement(22059..22825)], ycf3 [complement(43320..44021)], ycf3 [complement(44252..44991)], trnL-UAA [47466..48333], trnV-UAC [complement(51634..52207)], clpP [complement(70254..70926)], clpP [complement(71219..72146)], petB [75463..76199], petD [77033..77914], rpl16 [complement(82338..83483)], rpl2 [complement(85877..86540)], trnI-GAU [103781..104715], trnA-UGC [104853..105637], trnA-UGC [complement(129025..129809)], trnI-GAU [complement(129947..130881)], rpl2 [148122..148785]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(130882..130918)], rpl2 [147731..148121], rpl2 [148786..149216]	
994.	CYLE	1	rps12 [150924..150949]	-
995.	CYM A	63	rps12 [complement(99294..99319)], rps12 [complement(99867..100098)], rps12 [complement(70326..70439)], trnK-UUU [complement(1446..1471)], trnK-UUU [complement(4176..4212)], rps16 [complement(4710..4954)], rps16 [complement(5875..5914)], trnG-GCC [8935..8957], trnG-GCC [9656..9702], atpF [complement(11670..12080)], atpF [complement(12961..13104)], rpoC1 [complement(20429..22039)], rpoC1 [complement(22832..23266)], ycf3 [complement(43209..43361)], ycf3 [complement(44131..44360)], ycf3 [complement(45099..45222)], trnL-UAA [47803..47837], trnL-UAA [48600..48649], trnV-UAC [complement(51728..51762)], trnV-UAC [complement(52337..52375)], rps12 [140423..140654], rps12 [141202..141227], clpP [complement(70573..70824)], clpP [complement(71507..71797)], clpP [complement(72673..72741)], petB [75903..75908], petB [76641..77282], petD [77468..77475], petD [78331..78811], rpl16 [complement(82365..82763)], rpl16 [complement(84012..84020)], rpl2 [complement(85953..86384)], rpl2 [complement(87046..87432)], trnI-GAU [103860..103901], trnI-GAU [104831..104865], trnA-UGC [104930..104967], trnA-UGC [105753..105787], trnA-UGC [complement(134734..134768)], trnA-UGC [complement(135554..135591)], trnI-GAU [complement(135656..135690)], trnI-GAU [complement(136620..136661)], rpl2 [153083..153475], rpl2 [154137..154568]	trnK-UUU [complement(1472..4175)], rps16 [complement(4955..5874)], trnG-GCC [8958..9655], atpF [complement(12081..12960)], rpoC1 [complement(22040..22831)], ycf3 [complement(43362..44130)], ycf3 [complement(44361..45098)], trnL-UAA [47838..48599], trnV-UAC [complement(51763..52336)], clpP [complement(70825..71506)], clpP [complement(71798..72672)], petB [75909..76640], petD [77476..78330], rpl16 [complement(82764..84011)], rpl2 [complement(86385..87045)], trnI-GAU [103902..104830], trnA-UGC [104968..105752], trnA-UGC [complement(134769..135553)], trnI-GAU [complement(135691..136619)], rpl2 [153476..154136]
996.	CYM C	69	rps12 [complement(99578..99603)], rps12 [complement(100151..100382)], rps12 [complement(70951..71064)], trnK-UUU [complement(1398..1432)], trnK-UUU [complement(4073..4109)], trnG-UCC [8854..8878], trnG-UCC [9562..9620], atpF [complement(11536..11945)], atpF [complement(12752..12896)], rpoC1 [complement(20351..21967)], rpoC1 [complement(22716..23147)], ycf3 [complement(42472..42624)], ycf3 [complement(43365..43594)], ycf3 [complement(44324..44447)], trnL-UAA [47310..47343], trnL-UAA [47859..47908], trnV-UAC	trnK-UUU [complement(1433..4072)], trnG-UCC [8879..9561], atpF [complement(11946..12751)], rpoC1 [complement(21968..22715)], ycf3 [complement(42625..43364)], ycf3 [complement(43595..44323)], trnL-UAA [47344..47858], trnV-UAC [complement(52373..52966)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52336..52372)], trnV-UAC [complement(52967..53005)], rps12 [141880..142111], rps12 [142659..142684], clpP [complement(71195..71446)], clpP [complement(72112..72403)], clpP [complement(73209..73279)], petB [76175..76180], petB [76980..77621], petD [77841..77848], petD [78584..79097], rpl16 [complement(82523..82921)], rpl16 [complement(83952..83960)], rpl2 [complement(85837..86267)], rpl2 [complement(86932..87334)], ndhB [complement(96505..97260)], ndhB [complement(97960..98736)], trnI-GAU [104231..104267], trnI-GAU [105212..105246], trnA-UGC [105311..105348], trnA-UGC [106164..106198], ndhA [complement(121647..122185)], ndhA [complement(123295..123847)], trnA-UGC [complement(136064..136098)], trnA-UGC [complement(136914..136951)], trnI-GAU [complement(137016..137050)], trnI-GAU [complement(137995..138031)], ndhB [143526..144302], ndhB [145002..145757], rpl2 [154928..155330], rpl2 [155995..156425]	[complement(71447..72111)], clpP [complement(72404..73208)], petB [76181..76979], petD [77849..78583], rpl16 [complement(82922..83951)], rpl2 [complement(86268..86931)], ndhB [complement(97261..97959)], trnI-GAU [104268..105211], trnA-UGC [105349..106163], ndhA [complement(122186..123294)], trnA-UGC [complement(136099..136913)], trnI-GAU [complement(137051..137994)], ndhB [144303..145001], rpl2 [155331..155994]
997.	CYMR	63	rps12 [complement(99547..99572)], rps12 [complement(100120..100351)], rps12 [complement(70131..70244)], trnK-UUU [complement(1459..1484)], trnK-UUU [complement(4234..4270)], rps16 [complement(4738..4982)], rps16 [complement(5858..5897)], trnG-UCC [8956..8978], trnG-UCC [9692..9738], atpF [complement(11649..12058)], atpF [complement(12988..13132)], rpoC1 [complement(20496..22106)], rpoC1 [complement(22888..23322)], ycf3 [complement(43289..43441)], ycf3 [complement(44232..44461)], ycf3 [complement(45200..45323)], trnL-UAA [47661..47695], trnL-UAA [48539..48588], trnV-UAC [complement(51800..51834)], trnV-UAC [complement(52409..52447)], rps12 [134678..134909], rps12 [135457..135482], clpP [complement(70378..70629)], clpP [complement(71308..71599)], clpP [complement(72521..72591)], petB [75886..75891], petB [76626..77267], petD [77453..77458], petD [78332..78814], rpl16 [complement(82393..82791)], rpl16 [complement(83947..83955)], rpl2 [complement(85910..86340)], rpl2 [complement(87005..87395)], trnI-GAU [104185..104221], trnI-GAU [105157..105191], trnA-UGC [105256..105293], trnA-UGC [106079..106113], trnA-UGC [complement(128916..128950)], trnA-UGC	trnK-UUU [complement(1485..4233)], rps16 [complement(4983..5857)], trnG-UCC [8979..9691], atpF [complement(12059..12987)], rpoC1 [complement(22107..22887)], ycf3 [complement(43442..44231)], ycf3 [complement(44462..45199)], trnL-UAA [47696..48538], trnV-UAC [complement(51835..52408)], clpP [complement(70630..71307)], clpP [complement(71600..72520)], petB [75892..76625], petD [77459..78331], rpl16 [complement(82792..83946)], rpl2 [complement(86341..87004)], trnI-GAU [104222..105156], trnA-UGC [105294..106078], trnA-UGC [complement(128951..129735)], trnI-GAU [complement(129873..130807)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(129736..129773)], trnI-GAU [complement(129838..129872)], trnI-GAU [complement(130808..130844)], rpl2 [147634..148024], rpl2 [148689..149119]	[148025..148688]
998.	CYPA	82	rps12 [41303..41416], rps12 [11470..11724], tRNA-GCA [complement(5639..5673)], tRNA-GCA [complement(6458..6495)], tRNA-AUC [complement(6564..6598)], tRNA-AUC [complement(7533..7569)], orf64d [complement(11935..11992)], orf64d [complement(12006..12130)], ndhB [13166..13888], ndhB [14609..15370], rpl2 [25639..26038], rpl2 [26737..27167], rpl16 [28745..28753], rpl16 [29646..30053], petD [complement(33445..33943)], petD [complement(34665..34672)], petB [complement(34864..35505)], petB [complement(36265..36270)], clpP [39213..39262], clpP [40049..40340], clpP [40923..41168], rps12 [complement(127337..127591)], tRNA-GUA [58947..58985], tRNA-GUA [59541..59575], ndhC [63180..63376], ndhC [63419..63542], tRNA-UUA [complement(65986..66035)], tRNA-UUA [complement(66523..66559)], ycf3 [69114..69239], ycf3 [69950..70177], ycf3 [70911..71066], psbC [complement(78004..78112)], psbC [complement(78137..79425)], rpoC1 [89180..89611], rpoC1 [90312..91925], orf64a [complement(98459..98532)], orf64a [complement(98554..98692)], atpF [99296..99437], atpF [100144..100550], tRNA-GGA [complement(102495..102542)], tRNA-GGA [complement(103345..103368)], rps16 [107906..107945], rps16 [108812..109026], trnK-AAA [complement(109745..109781)], trnK-AAA [complement(112268..112302)], ndhB [complement(123691..124452)], ndhB [complement(125173..125895)], tRNA-AUC [131492..131528], tRNA-AUC [132463..132497], tRNA-GCA [132566..132603], tRNA-GCA [133388..133422], ycf1 [142033..146462], ycf1 [146526..147360], ndhA [149323..149881], ndhA [150856..151403]	tRNA-GCA [complement(5674..6457)], tRNA-AUC [complement(6599..7532)], orf64d [complement(11993..12005)], ndhB [13889..14608], rpl2 [26039..26736], rpl16 [28754..29645], petD [complement(33944..34664)], petB [complement(35506..36264)], clpP [39263..40048], clpP [40341..40922], tRNA-GUA [58986..59540], ndhC [63377..63418], tRNA-UUA [complement(66036..66522)], ycf3 [69240..69949], ycf3 [70178..70910], psbC [complement(78113..78136)], rpoC1 [89612..90311], orf64a [complement(98533..98553)], atpF [99438..100143], tRNA-GGA [complement(102543..103344)], rps16 [107946..108811], trnK-AAA [complement(109782..112267)], ndhB [complement(124453..125172)], tRNA-AUC [131529..132462], tRNA-GCA [132604..133387], ycf1 [146463..146525], ndhA [149882..150855]
999.	CYPH	1	rps12 [155964..155989]	-
1000.	CYPL	73	rps12 [complement(103458..103487)], rps12 [complement(104025..104255)], rps12 [complement(75369..75482)], trnK-UUU [complement(1628..1662)], trnK-UUU [complement(4207..4243)], rps16 [complement(5256..5483)], rps16 [complement(6361..6402)], trnG-GCC [10227..10249], trnG-GCC	trnK-UUU [complement(1663..4206)], rps16 [complement(5484..6360)], trnG-GCC [10250..10975], atpF [complement(13696..14453)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10976..11012], atpF [complement(13285..13695)], atpF [complement(14454..14597)], rpoC1 [complement(22883..24502)], rpoC1 [complement(25349..25780)], ycf3 [complement(47092..47244)], ycf3 [complement(48041..48270)], ycf3 [complement(48990..49113)], trnL-UAA [52223..52257], trnL-UAA [52790..52845], trnV-UAC [complement(56427..56461)], trnV-UAC [complement(57080..57117)], rps12 [complement(75369..75482)], rps12 [146315..146546], rps12 [147083..147108], clpP [complement(75675..75902)], clpP [complement(76509..76802)], clpP [complement(77655..77723)], petB [80664..80669], petB [81473..82114], petD [82325..82333], petD [82956..83429], rpl16 [complement(87004..87402)], rpl16 [complement(88341..88349)], rpl2 [complement(90082..90552)], rpl2 [complement(91202..91591)], ndhB [complement(100412..101173)], ndhB [complement(101860..102636)], trnI-GAU [108030..108066], trnI-GAU [109022..109056], trnA-UGC [109121..109158], trnA-UGC [109965..109999], ndhA [complement(125713..126252)], ndhA [complement(127418..127969)], trnA-UGC [complement(140571..140605)], trnA-UGC [complement(141412..141449)], trnI-GAU [complement(141514..141548)], trnI-GAU [complement(142499..142540)], ndhB [147934..148710], ndhB [149397..150158], rpl2 [158979..159371], rpl2 [160018..160488]</p>	<p>[complement(24503..25348)], ycf3 [complement(47245..48040)], ycf3 [complement(48271..48989)], trnL-UAA [52258..52789], trnV-UAC [complement(56462..57079)], clpP [complement(75903..76508)], clpP [complement(76803..77654)], petB [80670..81472], petD [82334..82955], rpl16 [complement(87403..88340)], rpl2 [complement(90553..91201)], ndhB [complement(101174..101859)], trnI-GAU [108067..109021], trnA-UGC [109159..109964], ndhA [complement(126253..127417)], trnA-UGC [complement(140606..141411)], trnI-GAU [complement(141549..142498)], ndhB [148711..149396], rpl2 [159372..160017]</p>
1001.	CYRE	32	<p>orf64d [complement(11938..11995)], petD [complement(33435..33933)], petD [complement(34655..34662)], petB [complement(34854..35495)], petB [complement(36258..36263)], ndhC [63427..63550]</p>	<p>tRNA-GCA [complement(5674..6457)], tRNA-AUC [complement(6599..7531)], orf64d [complement(11996..12008)], ndhB [13893..14613], rpl2 [26031..26728], rpl16 [28743..29634], petD [complement(33934..34654)], petB [complement(35496..36257)], clpP [39256..40044], clpP [40337..40924], tRNA-GUA [58969..59525], ndhC [63385..63426], tRNA-UUA [complement(66022..66508)], ycf3 [69223..69928], ycf3 [70157..70889], psbC [complement(78091..78114)], rpoC1</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[89606..90304], orf64a [complement(98525..98545)], atpF [99421..100128], tRNA-GGA [complement(102532..103333)], rps16 [107944..108810], ndhB [complement(124498..125218)], tRNA-AUC [131580..132512], tRNA-GCA [132654..133437], ycf1 [146500..146562], ndhA [149919..150889]
1002.	CYSI	63	rps12 [complement(99278..99303)], rps12 [complement(99851..100082)], rps12 [complement(70031..70144)], trnK-UUU [complement(1452..1477)], trnK-UUU [complement(4205..4241)], rps16 [complement(4826..5070)], rps16 [complement(5940..5979)], trnG-GCC [8980..9002], trnG-GCC [9715..9761], atpF [complement(11717..12127)], atpF [complement(13046..13189)], rpoC1 [complement(20500..22110)], rpoC1 [complement(22911..23345)], ycf3 [complement(43375..43527)], ycf3 [complement(44297..44526)], ycf3 [complement(45263..45386)], trnL-UAA [47730..47764], trnL-UAA [48613..48662], trnV-UAC [complement(51846..51880)], trnV-UAC [complement(52457..52495)], rps12 [140387..140618], rps12 [141166..141191], clpP [complement(70281..70532)], clpP [complement(71208..71498)], clpP [complement(72399..72467)], petB [75711..75716], petB [76452..77093], petD [77279..77286], petD [78099..78579], rpl16 [complement(82129..82527)], rpl16 [complement(83703..83711)], rpl2 [complement(85651..86082)], rpl2 [complement(86744..87130)], trnI-GAU [103971..104012], trnI-GAU [104934..104968], trnA-UGC [105033..105070], trnA-UGC [105856..105890], trnA-UGC [complement(134579..134613)], trnA-UGC [complement(135399..135436)], trnI-GAU [complement(135501..135535)], trnI-GAU [complement(136457..136498)], rpl2 [153333..153725], rpl2 [154387..154818]	trnK-UUU [complement(1478..4204)], rps16 [complement(5071..5939)], trnG-GCC [9003..9714], atpF [complement(12128..13045)], rpoC1 [complement(22111..22910)], ycf3 [complement(43528..44296)], ycf3 [complement(44527..45262)], trnL-UAA [47765..48612], trnV-UAC [complement(51881..52456)], clpP [complement(70533..71207)], clpP [complement(71499..72398)], petB [75717..76451], petD [77287..78098], rpl16 [complement(82528..83702)], rpl2 [complement(86083..86743)], trnI-GAU [104013..104933], trnA-UGC [105071..105855], trnA-UGC [complement(134614..135398)], trnI-GAU [complement(135536..136456)], rpl2 [153726..154386]
1003.	CYSZ	64	rps12 [complement(102258..102512)], rps12 [complement(72577..72690)], trnK-UUU [complement(1717..1745)], trnK-UUU [complement(4242..4278)],	trnK-UUU [complement(1746..4241)], rps16 [complement(5212..6087)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps16 [complement(4997..5211)], rps16 [complement(6088..6127)], trnG-UCC [10689..10711], trnG-UCC [11514..11561], atpF [complement(13510..13917)], atpF [complement(14606..14764)], rpoC1 [complement(22126..23841)], rpoC1 [complement(24432..24872)], ycf3 [complement(42993..43148)], ycf3 [complement(43882..44109)], ycf3 [complement(44817..44945)], trnL-UAA [47515..47549], trnL-UAA [48039..48088], rps12 [148542..148796], clpP [complement(72825..73070)], clpP [complement(73658..73948)], clpP [complement(74718..74786)], petB [77729..77734], petB [78495..79136], petD [79328..79335], petD [80057..80555], rpl16 [complement(83947..84354)], rpl16 [complement(85240..85248)], rpl2 [complement(86827..87258)], rpl2 [complement(87957..88355)], ndhB [complement(98612..99373)], ndhB [complement(100094..100816)], trnI-GAU [106423..106464], trnI-GAU [107394..107428], trnA-UGC [107497..107534], trnA-UGC [108319..108353], ndhA [complement(124717..125265)], ndhA [complement(126239..126796)], trnA-UGC [complement(142701..142735)], trnA-UGC [complement(143520..143557)], trnI-GAU [complement(143626..143660)], trnI-GAU [complement(144590..144631)], ndhB [150238..150999], ndhB [151681..152442]</p>	<p>[10712..11513], atpF [complement(13918..14605)], rpoC1 [complement(23842..24431)], ycf3 [complement(43149..43881)], ycf3 [complement(44110..44816)], trnL-UAA [47550..48038], clpP [complement(73071..73657)], clpP [complement(73949..74717)], petB [77735..78494], petD [79336..80056], rpl16 [complement(84355..85239)], rpl2 [complement(87259..87956)], ndhB [complement(99374..100093)], trnI-GAU [106465..107393], trnA-UGC [107535..108318], ndhA [complement(125266..126238)], trnA-UGC [complement(142736..143519)], trnI-GAU [complement(143661..144589)], ndhB [151000..151680]</p>
1004.	CYTA	24	<p>ycf3 [complement(45853..45978)], trnL [49054..49103]</p>	<p>trnK [complement(1614..4099)], rps16 [complement(5083..5957)], trnG [10576..11377], atpF [complement(13781..14488)], rpoC1 [complement(23611..24310)], ycf3 [complement(44185..44917)], ycf3 [complement(45146..45852)], trnL [48565..49053], trnV [complement(55531..56084)], clpP [complement(74160..74750)], clpP [complement(75043..75836)], petB [78835..79600], petD [80442..81162], rpl16 [complement(85459..86350)], rpl2 [complement(88375..89073)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(100491..101210)], trnI [107580..108512], trnA [108654..109437], ndhA [complement(126368..127339)], trnA [complement(143825..144608)], trnI [complement(144750..145682)], ndhB [152052..152771]
1005.	CYTE	30	rps12 [complement(97326..97616)], rps12 [complement(68236..68361)], ycf3 [18282..18434], rpoC1 [38772..40412], atpF [49443..49856], rps12 [137891..138184], clpP [complement(68575..68802)], rpl2 [complement(83356..83826)], ycf2 [85805..92668], ndhB [complement(93750..94505)], ndhB [141005..141760], rpl2 [151684..152154]	trnK-UUU [complement(1725..4307)], trnV-UAC [9918..10503], trnL-UAA [complement(13657..14164)], ycf3 [16614..17309], ycf3 [17538..18281], rpoC1 [37988..38771], atpF [48731..49442], clpP [complement(68803..69576)], clpP [complement(69874..70582)], rpl2 [complement(83827..84506)], ycf2 [85609..85804], ndhB [complement(94506..95196)], trnI-GAU [101494..102441], trnA-UGC [102579..103388], trnA-UGC [complement(132122..132931)], trnI-GAU [complement(133069..134016)], ndhB [140314..141004], rpl2 [151004..151683]
1006.	CYTO	63	rps12 [complement(99325..99350)], rps12 [complement(99898..100129)], rps12 [complement(70075..70188)], trnK-UUU [complement(1464..1489)], trnK-UUU [complement(4269..4305)], rps16 [complement(4911..5155)], rps16 [complement(6013..6052)], trnG-GCC [9053..9075], trnG-GCC [9788..9834], atpF [complement(11790..12200)], atpF [complement(13119..13262)], rpoC1 [complement(20575..22185)], rpoC1 [complement(22986..23420)], ycf3 [complement(43473..43625)], ycf3 [complement(44395..44624)], ycf3 [complement(45361..45484)], trnL-UAA [47838..47872], trnL-UAA [48712..48761], trnV-UAC [complement(51949..51983)], trnV-UAC [complement(52560..52598)], rps12 [140475..140706], rps12 [141254..141279], clpP [complement(70325..70576)], clpP	trnK-UUU [complement(1490..4268)], rps16 [complement(5156..6012)], trnG-GCC [9076..9787], atpF [complement(12201..13118)], rpoC1 [complement(22186..22985)], ycf3 [complement(43626..44394)], ycf3 [complement(44625..45360)], trnL-UAA [47873..48711], trnV-UAC [complement(51984..52559)], clpP [complement(70577..71252)], clpP [complement(71544..72444)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71253..71543)], clpP [complement(72445..72513)], petB [75757..75762], petB [76498..77139], petD [77325..77332], petD [78145..78625], rpl16 [complement(82188..82586)], rpl16 [complement(83759..83767)], rpl2 [complement(85707..86138)], rpl2 [complement(86800..87186)], trnI-GAU [104019..104060], trnI-GAU [104982..105016], trnA-UGC [105081..105118], trnA-UGC [105904..105938], trnA-UGC [complement(134666..134700)], trnA-UGC [complement(135486..135523)], trnI-GAU [complement(135588..135622)], trnI-GAU [complement(136544..136585)], rpl2 [153412..153804], rpl2 [154466..154897]	[75763..76497], petD [77333..78144], rpl16 [complement(82587..83758)], rpl2 [complement(86139..86799)], trnI-GAU [104061..104981], trnA-UGC [105119..105903], trnA-UGC [complement(134701..135485)], trnI-GAU [complement(135623..136543)], rpl2 [153805..154465]
1007.	CYTR	63	rps12 [complement(99282..99307)], rps12 [complement(99855..100086)], rps12 [complement(70096..70209)], trnK-UUU [complement(1430..1455)], trnK-UUU [complement(4162..4198)], rps16 [complement(4752..4996)], rps16 [complement(5855..5894)], trnG-GCC [8830..8852], trnG-GCC [9565..9611], atpF [complement(11563..11973)], atpF [complement(12819..12962)], rpoC1 [complement(20250..21860)], rpoC1 [complement(22647..23081)], ycf3 [complement(42903..43055)], ycf3 [complement(43825..44054)], ycf3 [complement(44793..44916)], trnL-UAA [47461..47495], trnL-UAA [48352..48401], trnV-UAC [complement(51573..51607)], trnV-UAC [complement(52192..52230)], rps12 [141169..141400], rps12 [141948..141973], clpP [complement(70343..70594)], clpP [complement(71268..71558)], clpP [complement(72468..72536)], petB [75766..75771], petB [76506..77147], petD [77333..77340], petD [78204..78684], rpl16 [complement(82225..82623)], rpl16 [complement(83759..83767)], rpl2 [complement(85673..86104)], rpl2 [complement(86766..87152)], trnI-GAU [104013..104054], trnI-GAU [104984..105018], trnA-UGC [105083..105120], trnA-UGC [105906..105940], trnA-UGC [complement(135315..135349)], trnA-UGC [complement(136135..136172)], trnI-GAU [complement(136237..136271)], trnI-GAU [complement(137201..137242)], rpl2 [154097..154489], rpl2 [155151..155582]	trnK-UUU [complement(1456..4161)], rps16 [complement(4997..5854)], trnG-GCC [8853..9564], atpF [complement(11974..12818)], rpoC1 [complement(21861..22646)], ycf3 [complement(43056..43824)], ycf3 [complement(44055..44792)], trnL-UAA [47496..48351], trnV-UAC [complement(51608..52191)], clpP [complement(70595..71267)], clpP [complement(71559..72467)], petB [75772..76505], petD [77341..78203], rpl16 [complement(82624..83758)], rpl2 [complement(86105..86765)], trnI-GAU [104055..104983], trnA-UGC [105121..105905], trnA-UGC [complement(135350..136134)], trnI-GAU [complement(136272..137200)], rpl2 [154490..155150]
1008.	CYTT	2	rps12 [complement(18956..19069)], rps12 [162598..162623]	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1009.	CYWI	70	rps12 [complement(104563..104597)], rps12 [complement(105160..105391)], rps12 [complement(77168..77281)], trnK-UUU [complement(1736..1770)], trnK-UUU [complement(4256..4292)], rps16 [complement(5083..5309)], rps16 [complement(6151..6190)], trnG-UCC [9198..9220], trnG-UCC [9912..9948], atpF [complement(11825..12234)], atpF [complement(12946..13090)], rpoC1 [complement(25476..27083)], rpoC1 [complement(27833..28285)], ycf3 [complement(48537..48689)], ycf3 [complement(49503..49732)], ycf3 [complement(50488..50611)], trnL-UAA [53466..53502], trnL-UAA [53994..54043], trnV-UAC [complement(58127..58163)], trnV-UAC [complement(58743..58780)], clpP [complement(77405..77722)], clpP [complement(78390..78681)], clpP [complement(79497..79567)], petB [82475..82480], petB [83241..83882], petD [84078..84085], petD [84833..85307], rpl16 [complement(88837..89235)], rpl16 [complement(90374..90382)], rpl2 [complement(92059..92492)], rpl2 [complement(93132..93522)], ndhB [complement(101554..102309)], ndhB [complement(102891..103769)], trnI-GAU [109059..109100], trnI-GAU [110043..110077], trnA-UGC [110141..110178], trnA-UGC [110996..111030], ndhA [complement(126815..127359)], ndhA [complement(128421..128973)], trnA-UGC [complement(142207..142241)], trnA-UGC [complement(143059..143096)], trnI-GAU [complement(143160..143194)], trnI-GAU [complement(144137..144178)], ndhB [149468..150244], ndhB [150928..151683], rpl2 [159715..160105], rpl2 [160745..161178]	trnK-UUU [complement(1771..4255)], rps16 [complement(5310..6150)], trnG-UCC [9221..9911], atpF [complement(12235..12945)], rpoC1 [complement(27084..27832)], ycf3 [complement(48690..49502)], ycf3 [complement(49733..50487)], trnL-UAA [53503..53993], trnV-UAC [complement(58164..58742)], clpP [complement(77723..78389)], clpP [complement(78682..79496)], petB [82481..83240], petD [84086..84832], rpl16 [complement(89236..90373)], rpl2 [complement(92493..93131)], ndhB [complement(102310..102890)], trnI-GAU [109101..110042], trnA-UGC [110179..110995], ndhA [complement(127360..128420)], trnA-UGC [complement(142242..143058)], trnI-GAU [complement(143195..144136)], ndhB [150245..150927], rpl2 [160106..160744]
1010.	DAAE	64	rps12 [complement(89037..89065)], rps12 [complement(89606..89837)], rps12 [complement(67441..67554)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3912..3949)], rps16 [complement(4493..4710)], rps16 [complement(5558..5597)], trnG-UCC [complement(13080..13127)], trnG-UCC [complement(13809..13831)], atpF [33210..33368], atpF [34187..34594], ycf3 [complement(42397..42555)], ycf3 [complement(43285..43512)], ycf3 [complement(44248..44373)], trnL-UAA [47047..47081], trnL-UAA [47639..47688], trnV-UAC [complement(51279..51325)], trnV-UAC [complement(51913..51951)], rps12 [125602..125833], rps12 [126374..126402], petB [71291..71296], petB [72085..72732], petD	trnK-UUU [complement(1421..3911)], rps16 [complement(4711..5557)], trnG-UCC [complement(13128..13808)], atpF [33369..34186], ycf3 [complement(42556..43284)], ycf3 [complement(43513..44247)], trnL-UAA [47082..47638], trnV-UAC [complement(51326..51912)], petB [71297..72084], petD [72940..73678], rpl16 [complement(78099..79163)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72932..72939], petD [73679..74153], rpl16 [complement(77697..78098)], rpl16 [complement(79164..79172)], rpl2 [complement(81117..81548)], rpl2 [complement(82212..82601)], ndhB [complement(85958..86714)], ndhB [complement(87427..88202)], trnI-GAU [93667..93708], trnI-GAU [94419..94453], trnA-UGC [94519..94556], trnA-UGC [95367..95401], ndhA [complement(110544..111083)], ndhA [complement(112140..112688)], trnA-UGC [complement(120038..120072)], trnA-UGC [complement(120883..120920)], trnI-GAU [complement(120986..121020)], trnI-GAU [complement(121731..121772)], ndhB [127237..128013], ndhB [128726..129481], rpl2 [132838..133227], rpl2 [133891..134322]	[complement(81549..82211)], ndhB [complement(86715..87426)], trnI-GAU [93709..94418], trnA-UGC [94557..95366], ndhA [complement(111084..112139)], trnA-UGC [complement(120073..120882)], trnI-GAU [complement(121021..121730)], ndhB [128014..128725], rpl2 [133228..133890]
1011.	DABE	56	rps12 [complement(102942..102967)], rps12 [complement(103504..103735)], rps12 [complement(73874..73987)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4357..4393)], trnG-GCC [8152..8174], trnG-GCC [8901..8946], atpF [complement(11427..11837)], atpF [complement(12632..12775)], rpoC1 [complement(21004..22614)], rpoC1 [complement(23407..23838)], ycf3 [complement(45019..45171)], ycf3 [complement(45885..46112)], ycf3 [complement(46843..46968)], trnL-UAA [49313..49349], trnL-UAA [49926..49974], trnV-UAC [complement(54131..54167)], trnV-UAC [complement(54780..54818)], rps12 [complement(73874..73987)], rps12 [147414..147645], rps12 [148182..148207], clpP [complement(74172..74397)], clpP [complement(75039..75331)], clpP [complement(76175..76243)], petB [79233..79238], petB [80086..80727], petD [80922..80929], petD [81746..82220], rpl16 [complement(85868..86266)], rpl16 [complement(87329..87337)], rpl2 [complement(89189..89623)], rpl2 [complement(90299..90697)], ndhB [complement(99882..100637)], ndhB [complement(101326..102102)], trnI-GAU [107731..107772], trnI-GAU [108720..108754], trnA-UGC [108819..108856], trnA-UGC [109665..109699], ndhA [complement(126491..127030)], ndhA [complement(128227..128796)], trnA-UGC [complement(141450..141484)], trnA-UGC [complement(142293..142330)], trnI-GAU [complement(142395..142429)], trnI-GAU [complement(143377..143418)], ndhB [149047..149823], ndhB	trnG-GCC [8175..8900], trnL-UAA [49350..49925], trnV-UAC [complement(54168..54779)], clpP [complement(74398..75038)], clpP [complement(75332..76174)], trnI-GAU [107773..108719], trnI-GAU [complement(142430..143376)], rpl2 [160875..161549]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[150512..151267], rpl2 [160476..160874], rpl2 [161550..161984]	
1012.	DABR	43	rps12 [complement(71642..71755)], trnK-UUU [complement(1423..1457)], trnK-UUU [complement(4209..4245)], trnG-GCC [9711..9733], trnG-GCC [10426..10473], trnL-UAA [49014..49048], trnL-UAA [49612..49661], trnV-UAC [complement(53563..53599)], trnV-UAC [complement(54207..54245)], rps12 [complement(71642..71755)], rps12 [143480..143505], trnI-GAU [105410..105451], trnI-GAU [106387..106421], trnA-UGC [106486..106523], trnA-UGC [107325..107359], trnA-UGC [complement(136790..136824)], trnA-UGC [complement(137626..137663)], trnI-GAU [complement(137728..137762)], trnI-GAU [complement(138698..138739)], rpl2 [156863..157294]	trnK-UUU [complement(1458..4208)], rps16 [complement(5097..5932)], trnG-GCC [9734..10425], atpF [complement(12835..13591)], rpoC1 [complement(23130..23878)], ycf3 [complement(44511..45238)], ycf3 [complement(45468..46202)], trnL-UAA [49049..49611], trnV-UAC [complement(53600..54206)], clpP [complement(72147..72792)], clpP [complement(73085..73875)], petB [76951..77743], petD [78590..79316], rpl16 [complement(83759..84946)], rpl2 [complement(87286..87947)], ndhB [complement(98327..99026)], trnI-GAU [105452..106386], trnA-UGC [106524..107324], ndhA [complement(122825..123901)], trnA-UGC [complement(136825..137625)], trnI-GAU [complement(137763..138697)], ndhB [145123..145822], rpl2 [156201..156862]
1013.	DABU	56	rps12 [complement(102829..102854)], rps12 [complement(103391..103622)], rps12 [complement(73657..73770)], trnK-UUU [complement(1757..1791)], trnK-UUU [complement(4355..4391)], trnG-GCC [8229..8251], trnG-GCC [8976..9021], atpF [complement(11560..11970)], atpF [complement(12762..12905)], rpoC1 [complement(21105..22715)], rpoC1 [complement(23499..23930)], ycf3 [complement(44973..45125)], ycf3 [complement(45835..46062)], ycf3 [complement(46793..46918)], trnL-UAA [49265..49301], trnL-UAA [49877..49925], trnV-UAC [complement(54016..54052)], trnV-UAC [complement(54660..54698)], rps12 [complement(73657..73770)], rps12 [147250..147481], rps12	trnG-GCC [8252..8975], trnL-UAA [49302..49876], trnV-UAC [complement(54053..54659)], clpP [complement(74214..74837)], clpP [complement(75131..75989)], trnI-GAU [107665..108611], trnI-GAU [complement(142261..143207)], rpl2 [160705..161379]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[148018..148043], clpP [complement(73988..74213)], clpP [complement(74838..75130)], clpP [complement(75990..76058)], petB [79049..79054], petB [79901..80542], petD [80742..80749], petD [81548..82022], rpl16 [complement(85779..86177)], rpl16 [complement(87224..87232)], rpl2 [complement(89082..89516)], rpl2 [complement(90192..90590)], ndhB [complement(99769..100524)], ndhB [complement(101213..101989)], trnI-GAU [107623..107664], trnI-GAU [108612..108646], trnA-UGC [108711..108748], trnA-UGC [109557..109591], ndhA [complement(126340..126879)], ndhA [complement(128062..128631)], trnA-UGC [complement(141281..141315)], trnA-UGC [complement(142124..142161)], trnI-GAU [complement(142226..142260)], trnI-GAU [complement(143208..143249)], ndhB [148883..149659], ndhB [150348..151103], rpl2 [160306..160704], rpl2 [161380..161814]	
1014.	DACA	17	rps12 [complement(69772..69885)], rps12 [143112..143137]	rps16 [complement(5021..5895)], atpF [complement(12105..12837)], rpoC1 [complement(22279..23020)], ycf3 [complement(42956..43738)], ycf3 [complement(43967..44685)], clpP [complement(70289..70916)], clpP [complement(71209..72058)], petB [75088..75837], petD [76663..77435], rpl16 [complement(81771..82686)], rpl2 [complement(84822..85472)], ndhB [complement(94737..95418)], ndhA [complement(121475..122570)], ndhB [144736..145417], rpl2 [154682..155332]
1015.	DACL	64	rps12 [complement(88140..88168)], rps12 [complement(88709..88940)], rps12 [complement(66705..66818)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3898..3935)], rps16 [complement(4514..4731)], rps16 [complement(5559..5598)], trnG-UCC [complement(12826..12873)], trnG-UCC [complement(13556..13578)], atpF [33156..33314], atpF [34132..34539], ycf3 [complement(42169..42327)], ycf3 [complement(43064..43291)], ycf3	trnK-UUU [complement(1411..3897)], rps16 [complement(4732..5558)], trnG-UCC [complement(12874..13555)], atpF [33315..34131], ycf3 [complement(42328..43063)], ycf3 [complement(43292..44034)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44035..44160)], trnL-UAA [46889..46923], trnL-UAA [47461..47510], trnV-UAC [complement(50637..50683)], trnV-UAC [complement(51260..51298)], rps12 [124899..125130], rps12 [125671..125699], petB [70535..70540], petB [71333..71980], petD [72163..72170], petD [72911..73385], rpl16 [complement(76905..77306)], rpl16 [complement(78270..78278)], rpl2 [complement(80225..80656)], rpl2 [complement(81320..81709)], ndhB [complement(85063..85819)], ndhB [complement(86536..87311)], trnI-GAU [92814..92855], trnI-GAU [93567..93601], trnA-UGC [93667..93704], trnA-UGC [94515..94549], ndhA [complement(109849..110388)], ndhA [complement(111362..111910)], trnA-UGC [complement(119290..119324)], trnA-UGC [complement(120135..120172)], trnI-GAU [complement(120238..120272)], trnI-GAU [complement(120984..121025)], ndhB [126528..127304], ndhB [128021..128776], rpl2 [132130..132519], rpl2 [133183..133614]	[46924..47460], trnV-UAC [complement(50684..51259)], petB [70541..71332], petD [72171..72910], rpl16 [complement(77307..78269)], rpl2 [complement(80657..81319)], ndhB [complement(85820..86535)], trnI-GAU [92856..93566], trnA-UGC [93705..94514], ndhA [complement(110389..111361)], trnA-UGC [complement(119325..120134)], trnI-GAU [complement(120273..120983)], ndhB [127305..128020], rpl2 [132520..133182]
1016.	DACU	4	rps12 [complement(100058..100300)], rps12 [complement(70837..70950)], rps12 [141874..142116], rpl16 [complement(84831..84835)]	-
1017.	DADI	64	rps12 [complement(91034..91062)], rps12 [complement(91603..91834)], rps12 [complement(68022..68135)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3889..3926)], rps16 [complement(4526..4743)], rps16 [complement(5463..5502)], trnG-UCC [complement(13016..13063)], trnG-UCC [complement(13751..13773)], atpF [33486..33644], atpF [34459..34866], ycf3 [complement(42669..42827)], ycf3 [complement(43562..43789)], ycf3 [complement(44532..44663)], trnL-UAA [47410..47444], trnL-UAA [47985..48037], trnV-UAC [complement(51607..51643)], trnV-UAC [complement(52240..52278)], rps12 [128390..128621], rps12 [129162..129190], petB [71849..71854], petB [72616..73263], petD [73448..73455], petD [74192..74666], rpl16 [complement(78223..78624)], rpl16 [complement(79669..79677)], rpl2 [complement(81632..82063)], rpl2 [complement(82727..83116)], ndhB [complement(87961..88716)], ndhB [complement(89429..90205)], trnI-GAU [95663..95704], trnI-GAU [96650..96684], trnA-UGC [96750..96787], trnA-UGC [97598..97632], ndhA [complement(113114..113653)], ndhA [complement(114693..115241)], trnA-	trnK-UUU [complement(1411..3888)], rps16 [complement(4744..5462)], trnG-UCC [complement(13064..13750)], atpF [33645..34458], ycf3 [complement(42828..43561)], ycf3 [complement(43790..44531)], trnL-UAA [47445..47984], trnV-UAC [complement(51644..52239)], petB [71855..72615], petD [73456..74191], rpl16 [complement(78625..79668)], rpl2 [complement(82064..82726)], ndhB [complement(88717..89428)], trnI-GAU [95705..96649], trnA-UGC [96788..97597], ndhA [complement(113654..114692)], trnA-UGC [complement(122627..123436)], trnI-GAU [complement(123575..124519)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(122592..122626)], trnA-UGC [complement(123437..123474)], trnI-GAU [complement(123540..123574)], trnI-GAU [complement(124520..124561)], ndhB [130019..130795], ndhB [131508..132263], rpl2 [137108..137497], rpl2 [138161..138592]	[130796..131507], rpl2 [137498..138160]
1018.	DAFL	56	rps12 [complement(102950..102975)], rps12 [complement(103512..103743)], rps12 [complement(73859..73972)], trnK-UUU [complement(1754..1788)], trnK-UUU [complement(4358..4394)], trnG-GCC [8153..8175], trnG-GCC [8902..8947], atpF [complement(11414..11824)], atpF [complement(12619..12762)], rpoC1 [complement(21012..22622)], rpoC1 [complement(23415..23846)], ycf3 [complement(45002..45154)], ycf3 [complement(45868..46095)], ycf3 [complement(46826..46951)], trnL-UAA [49296..49332], trnL-UAA [49969..50017], trnV-UAC [complement(54119..54155)], trnV-UAC [complement(54768..54806)], rps12 [complement(73859..73972)], rps12 [147421..147652], rps12 [148189..148214], clpP [complement(74157..74382)], clpP [complement(75024..75316)], clpP [complement(76159..76227)], petB [79217..79222], petB [80070..80711], petD [80906..80913], petD [81730..82204], rpl16 [complement(85852..86250)], rpl16 [complement(87313..87321)], rpl2 [complement(89173..89607)], rpl2 [complement(90283..90681)], ndhB [complement(99890..100645)], ndhB [complement(101334..102110)], trnI-GAU [107739..107780], trnI-GAU [108728..108762], trnA-UGC [108827..108864], trnA-UGC [109673..109707], ndhA [complement(126498..127037)], ndhA [complement(128234..128803)], trnA-UGC [complement(141457..141491)], trnA-UGC [complement(142300..142337)], trnI-GAU [complement(142402..142436)], trnI-GAU [complement(143384..143425)], ndhB [149054..149830], ndhB [150519..151274], rpl2 [160483..160881], rpl2 [161557..161991]	trnG-GCC [8176..8901], trnL-UAA [49333..49968], trnV-UAC [complement(54156..54767)], clpP [complement(74383..75023)], clpP [complement(75317..76158)], trnI-GAU [107781..108727], trnI-GAU [complement(142437..143383)], rpl2 [160882..161556]
1019.	DAFR	63	rps12 [complement(97115..97140)], rps12 [complement(97676..97907)], rps12 [complement(69479..69592)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4230..4266)], rps16 [complement(5029..5256)], rps16 [complement(6112..6153)], trnG-GCC [8756..8778], trnG-GCC [9472..9519], rpoC1 [complement(19905..21515)], rpoC1 [complement(22258..22689)], ycf3	trnK-UUU [complement(1737..4229)], rps16 [complement(5257..6111)], trnG-GCC [8779..9471], rpoC1 [complement(21516..22257)], ycf3 [complement(42738..43520)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42585..42737)], ycf3 [complement(43521..43748)], ycf3 [complement(44475..44600)], trnL-UAA [47602..47636], trnL-UAA [48065..48114], trnV-UAC [complement(51597..51631)], trnV-UAC [complement(52231..52269)], rps12 [139207..139438], rps12 [139974..139999], clpP [complement(69775..70002)], clpP [complement(70662..70955)], clpP [complement(71797..71865)], petB [74798..74803], petB [75569..76216], petD [76427..76435], petD [77145..77618], rpl16 [complement(81137..81538)], rpl16 [complement(82507..82515)], ndhB [complement(94064..94819)], ndhB [complement(95496..96272)], trnI-GAU [101688..101729], trnI-GAU [102679..102713], trnA-UGC [102778..102815], trnA-UGC [103626..103660], ndhA [complement(118754..119293)], ndhA [complement(120471..121022)], trnA-UGC [complement(133454..133488)], trnA-UGC [complement(134299..134336)], trnI-GAU [complement(134401..134435)], trnI-GAU [complement(135385..135426)], ndhB [140842..141618], ndhB [142295..143050]	[complement(43749..44474)], trnL-UAA [47637..48064], trnV-UAC [complement(51632..52230)], clpP [complement(70003..70661)], clpP [complement(70956..71796)], petB [74804..75568], petD [76436..77144], rpl16 [complement(81539..82506)], ndhB [complement(94820..95495)], trnI-GAU [101730..102678], trnA-UGC [102816..103625], ndhA [complement(119294..120470)], trnA-UGC [complement(133489..134298)], trnI-GAU [complement(134436..135384)], ndhB [141619..142294]
1020.	DAGI	70	rps12 [complement(98917..98942)], rps12 [complement(99480..99711)], rps12 [complement(71702..71815)], trnK-UUU [complement(1749..1783)], trnK-UUU [complement(4283..4319)], rps16 [complement(5013..5212)], rps16 [complement(6146..6185)], trnG-UCC [9472..9494], trnG-UCC [10218..10266], atpF [complement(12356..12766)], atpF [complement(13665..13808)], rpoC1 [complement(21838..23454)], rpoC1 [complement(24224..24655)], ycf3 [complement(43921..44073)], ycf3 [complement(44822..45049)], ycf3 [complement(45788..45913)], trnL-UAA [49078..49111], trnL-UAA [49662..49711], trnV-UAC [complement(52794..52828)], trnV-UAC [complement(53429..53466)], rps12 [157104..157335], rps12 [157873..157898], petB [75601..75606], petB [76377..77075], petD [77286..77293], petD [78075..78549], rpl16 [complement(82081..82479)], rpl16 [complement(83535..83543)], rpl2 [complement(85213..85646)], rpl2 [complement(86336..86726)], ndhB [complement(95864..96619)], ndhB [complement(97301..98077)], trnI-GAU [103637..103673], trnI-GAU [104634..104668], trnA-UGC [104732..104769],	trnK-UUU [complement(1784..4282)], rps16 [complement(5213..6145)], trnG-UCC [9495..10217], atpF [complement(12767..13664)], rpoC1 [complement(23455..24223)], ycf3 [complement(44074..44821)], ycf3 [complement(45050..45787)], trnL-UAA [49112..49661], trnV-UAC [complement(52829..53428)], petB [75607..76376], petD [77294..78074], rpl16 [complement(82480..83534)], rpl2 [complement(85647..86335)], ndhB [complement(96620..97300)], trnI-GAU [103674..104633], trnA-UGC [104770..105588], ndhA [118698..119854], ndhA [complement(136961..138117)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [105589..105623], ndhA [118140..118697], ndhA [119855..120394], ndhA [complement(136421..136960)], ndhA [complement(138118..138675)], trnA-UGC [complement(151192..151226)], trnA-UGC [complement(152046..152083)], trnI-GAU [complement(152147..152181)], trnI-GAU [complement(153142..153178)], ndhB [158738..159514], ndhB [160196..160951], rpl2 [170089..170479], rpl2 [171169..171602]	UGC [complement(151227..152045)], trnI-GAU [complement(152182..153141)], ndhB [159515..160195], rpl2 [170480..171168]
1021.	DAGL	64	rps12 [complement(88306..88334)], rps12 [complement(88875..89106)], rps12 [complement(66521..66634)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3918..3954)], rps16 [complement(4514..4731)], rps16 [complement(5560..5599)], trnG-UCC [complement(12866..12913)], trnG-UCC [complement(13593..13615)], atpF [31902..32046], atpF [32876..33282], ycf3 [complement(41086..41246)], ycf3 [complement(41970..42195)], ycf3 [complement(42951..43076)], trnL-UAA [45838..45872], trnL-UAA [46422..46471], trnV-UAC [complement(49991..50027)], trnV-UAC [complement(50632..50670)], rps12 [125155..125386], rps12 [125927..125955], petB [70397..70402], petB [71159..71800], petD [71989..71996], petD [72734..73208], rpl16 [complement(76839..77240)], rpl16 [complement(78110..78118)], rpl2 [complement(80118..80548)], rpl2 [complement(81212..81602)], ndhB [complement(85238..85993)], ndhB [complement(86706..87482)], trnI-GAU [92897..92933], trnI-GAU [93740..93774], trnA-UGC [93840..93877], trnA-UGC [94689..94723], ndhA [complement(110156..110694)], ndhA [complement(111703..112252)], trnA-UGC [complement(119538..119572)], trnA-UGC [complement(120384..120421)], trnI-GAU [complement(120487..120521)], trnI-GAU [complement(121328..121364)], ndhB [126779..127555], ndhB [128268..129023], rpl2 [132659..133049], rpl2 [133713..134143]	trnK-UUU [complement(1418..3917)], rps16 [complement(4732..5559)], trnG-UCC [complement(12914..13592)], atpF [32047..32875], ycf3 [complement(41247..41969)], ycf3 [complement(42196..42950)], trnL-UAA [45873..46421], trnV-UAC [complement(50028..50631)], petB [70403..71158], petD [71997..72733], rpl16 [complement(77241..78109)], rpl2 [complement(80549..81211)], ndhB [complement(85994..86705)], trnI-GAU [92934..93739], trnA-UGC [93878..94688], ndhA [complement(110695..111702)], trnA-UGC [complement(119573..120383)], trnI-GAU [complement(120522..121327)], ndhB [127556..128267], rpl2 [133050..133712]
1022.	DAH A	70	rps12 [complement(99969..100211)], rps12 [complement(70753..70866)], trnK-UUU [complement(1952..1980)], trnK-UUU [complement(4548..4584)], trnV-UAC [9560..9598], trnV-UAC [10198..10234], trnL-UAA [complement(13272..13321)], trnL-UAA [complement(13827..13863)], ycf3 [16646..16771], ycf3 [17493..17720], ycf3 [18518..18670], rpoC1	trnK-UUU [complement(1981..4547)], trnV-UAC [9599..10197], trnL-UAA [complement(13322..13826)], ycf3 [16772..17492], ycf3 [17721..18517], rpoC1 [39115..39926], atpF [49402..50130], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[38682..39114], rpoC1 [39927..41476], atpF [49243..49401], atpF [50131..50538], rps12 [141694..141936], clpP [complement(71095..71322)], clpP [complement(71942..72232)], clpP [complement(73023..73091)], petB [76074..76079], petB [76913..77554], petD [77764..77771], petD [78485..78959], rpl16 [complement(83000..83401)], rpl16 [complement(84657..84665)], rpl2 [complement(85885..86319)], rpl2 [complement(86982..87368)], ndhB [complement(96364..97119)], ndhB [complement(97805..98527)], trnI-GAU [104146..104187], trnI-GAU [105135..105169], ycf68 [104287..104328], ycf68 [104357..104776], trnA-UGC [105229..105266], trnA-UGC [106069..106103], ndhA [complement(121255..121794)], ndhA [complement(123063..123614)], trnA-UGC [complement(135802..135836)], trnA-UGC [complement(136639..136676)], trnI-GAU [complement(136736..136770)], trnI-GAU [complement(137718..137759)], ycf68 [complement(137129..137548)], ycf68 [complement(137577..137618)], ndhB [143378..144100], ndhB [144786..145541], rpl2 [154537..154920], rpl2 [155586..156020]	[complement(71323..71941)], clpP [complement(72233..73022)], petB [76080..76912], petD [77772..78484], rpl16 [complement(83402..84656)], rpl2 [complement(86320..86981)], ndhB [complement(97120..97804)], trnI-GAU [104188..105134], ycf68 [104329..104356], trnA-UGC [105267..106068], ndhA [complement(121795..123062)], trnA-UGC [complement(135837..136638)], trnI-GAU [complement(136771..137717)], ycf68 [complement(137549..137576)], ndhB [144101..144785], rpl2 [154921..155585]
1023.	DAIM	44	trnK-UUU [complement(1524..1558)], trnK-UUU [complement(3988..4024)], ndhA [complement(19242..19790)], ndhA [complement(20545..21102)], petB [35418..35422], petB [36179..36821], petD [37054..37061], petD [37671..38160], rpl16 [complement(41638..42048)], rpl16 [complement(42956..42964)], rpl2 [complement(44564..44994)], rpl2 [complement(45710..46109)], trnV-UAC [64754..64791], trnV-UAC [65330..65366], trnL-UAA [complement(68779..68828)], trnL-UAA [complement(69265..69299)], ycf3 [71894..72019], ycf3 [72721..72946], ycf3 [73665..73822], atpF [101806..101950], atpF [102672..103090], trnG-UCC [complement(105072..105119)], trnG-UCC [complement(105926..105948)], trnA-UGC [complement(110320..110354)], trnA-UGC [complement(111151..111188)], trnI-GAU [complement(111263..111297)], trnI-GAU [complement(112272..112308)], ndhB [119358..120080], ndhB [120796..121551]	trnK-UUU [complement(1559..3987)], ndhA [complement(19791..20544)], petB [35423..36178], petD [37062..37670], rpl16 [complement(42049..42955)], rpl2 [complement(44995..45709)], trnV-UAC [64792..65329], trnL-UAA [complement(68829..69264)], ycf3 [72020..72720], ycf3 [72947..73664], atpF [101951..102671], trnG-UCC [complement(105120..105925)], trnA-UGC [complement(110355..111150)], trnI-GAU [complement(111298..112271)], ndhB [120081..120795]
1024.	DAIN	70	rps12 [complement(107026..107051)], rps12 [complement(107647..107878)],	trnK-UUU [complement(1992..4564)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(74257..74370)], trnK-UUU [complement(1957..1991)], trnK-UUU [complement(4565..4601)], rps16 [complement(5206..5429)], rps16 [complement(6294..6342)], trnG-UCC [9931..9953], trnG-UCC [10823..10870], atpF [complement(12918..13327)], atpF [complement(14221..14368)], rpoC1 [complement(22498..24144)], rpoC1 [complement(24909..25340)], ycf3 [complement(45652..45804)], ycf3 [complement(46543..46772)], ycf3 [complement(47524..47650)], trnL-UAA [50648..50682], trnL-UAA [51200..51249], trnV-UAC [54989..55023], trnV-UAC [55651..55689], clpP [complement(74534..74759)], clpP [complement(75370..75662)], clpP [complement(76539..76607)], petB [79673..79678], petB [80467..81135], petD [81331..81338], petD [82136..82610], rpl16 [complement(86333..86734)], rpl16 [complement(87755..87763)], rpl2 [complement(89494..89927)], rpl2 [complement(90688..91078)], rpl23 [complement(91097..91283)], rpl23 [complement(91344..91441)], ndhB [complement(103946..104703)], ndhB [complement(105404..106181)], trnI-GAU [112234..112270], trnI-GAU [113256..113270], trnA-UGC [113335..113372], trnA-UGC [114180..114214], ndhA [complement(129622..130161)], ndhA [complement(131367..131918)], trnI-GAU [147802..147836], trnI-GAU [148783..148819], ndhB [154541..155315], ndhB [156034..156791], rpl2 [167466..167856], rpl2 [168525..168955]</p>	<p>[complement(5430..6293)], trnG-UCC [9954..10822], atpF [complement(13328..14220)], rpoC1 [complement(24145..24908)], ycf3 [complement(45805..46542)], ycf3 [complement(46773..47523)], trnL-UAA [50683..51199], trnV-UAC [55024..55650], clpP [complement(74760..75369)], clpP [complement(75663..76538)], petB [79679..80466], petD [81339..82135], rpl16 [complement(86735..87754)], rpl2 [complement(89928..90687)], rpl23 [complement(91284..91343)], ndhB [complement(104704..105403)], trnI-GAU [112271..113255], trnA-UGC [113373..114179], ndhA [complement(130162..131366)], trnI-GAU [147837..148782], ndhB [155316..156033], rpl2 [167857..168524]</p>
1025.	DAKI	30	<p>rps12 [complement(98791..98816)], rps12 [complement(99354..99585)], rps12 [complement(71609..71722)], rps12 [156935..157166], rps12 [157704..157729], petB [76273..76971], rpl2 [complement(86191..86581)], rpl2 [169939..170329]</p>	<p>trnK-UUU [complement(1822..4311)], rps16 [complement(5235..6182)], trnG-UCC [9553..10278], atpF [complement(12844..13728)], rpoC1 [complement(23232..24024)], ycf3 [complement(43857..44604)], ycf3 [complement(44833..45571)], trnL-UAA [48933..49481], trnV-UAC [complement(52644..53245)], petB [75504..76272], petD [77200..77995], rpl16 [complement(82310..83384)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(85506..86190)], ndhB [complement(96493..97174)], trnI-GAU [103547..104506], trnA-UGC [104643..105463], ndhA [118652..119803], ndhA [complement(136717..137868)], trnA-UGC [complement(151057..151877)], trnI-GAU [complement(152014..152973)], ndhB [159346..160027], rpl2 [170330..171014]
1026.	DAM A	72	rps12 [complement(97683..97708)], rps12 [complement(98251..98482)], rps12 [complement(68008..68121)], trnK-UUU [complement(1355..1389)], trnK-UUU [complement(4222..4258)], rps16 [complement(4899..5110)], rps16 [complement(6084..6123)], trnG-GCC [8552..8574], trnG-GCC [9262..9309], atpF [complement(11248..11646)], atpF [complement(12517..12660)], rpoC1 [complement(19873..21480)], rpoC1 [complement(22233..22664)], ycf3 [complement(41596..41748)], ycf3 [complement(42503..42730)], ycf3 [complement(43447..43572)], trnL-UAA [46162..46196], trnL-UAA [46835..46884], trnV-UAC [complement(50271..50307)], trnV-UAC [complement(50894..50932)], rps12 [138823..139054], rps12 [139597..139622], clpP [complement(68265..68516)], clpP [complement(69198..69489)], clpP [complement(70466..70536)], petB [74471..74476], petB [74716..75357], petD [75543..75550], petD [76369..76843], rpl16 [complement(80407..80805)], rpl16 [complement(81985..81993)], rpl2 [complement(84006..84437)], rpl2 [complement(85099..85485)], ndhB [complement(94597..95352)], ndhB [complement(96052..96828)], trnI-GAU [102043..102084], trnI-GAU [103016..103050], trnA-UGC [103115..103152], trnA-UGC [103950..103984], ndhA [complement(118933..119472)], ndhA [complement(120580..121131)], trnA-UGC [complement(133321..133355)], trnA-UGC [complement(134153..134190)], trnI-GAU [complement(134255..134289)], trnI-GAU [complement(135221..135262)], ndhB [140477..141253], ndhB [141953..142708], rpl2 [151820..152206], rpl2 [152868..153299]	trnK-UUU [complement(1390..4221)], rps16 [complement(5111..6083)], trnG-GCC [8575..9261], atpF [complement(11647..12516)], rpoC1 [complement(21481..22232)], ycf3 [complement(41749..42502)], ycf3 [complement(42731..43446)], trnL-UAA [46197..46834], trnV-UAC [complement(50308..50893)], clpP [complement(68517..69197)], clpP [complement(69490..70465)], petB [74477..74715], petD [75551..76368], rpl16 [complement(80806..81984)], rpl2 [complement(84438..85098)], ndhB [complement(95353..96051)], trnI-GAU [102085..103015], trnA-UGC [103153..103949], ndhA [complement(119473..120579)], trnA-UGC [complement(133356..134152)], trnI-GAU [complement(134290..135220)], ndhB [141254..141952], rpl2 [152207..152867]
1027.	DAOL	73	rps12 [complement(101920..101946)], rps12 [complement(102483..102713)],	trnK-UUU [complement(1839..4322)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(73624..73737)], trnK-UUU [complement(1804..1838)], trnK-UUU [complement(4323..4359)], rps16 [complement(5010..5236)], rps16 [complement(6077..6116)], trnG-GCC [9554..9577], trnG-GCC [10261..10308], atpF [complement(12309..12719)], atpF [complement(13463..13606)], rpoC1 [complement(21530..23163)], rpoC1 [complement(23929..24358)], ycf3 [complement(45000..45151)], ycf3 [complement(45891..46119)], ycf3 [complement(46842..46967)], trnL-UAA [50262..50298], trnL-UAA [50803..50852], trnV-UAC [complement(54657..54693)], trnV-UAC [complement(55281..55319)], rps12 [complement(73624..73737)], rps12 [145500..145730], rps12 [146268..146297], clpP [complement(73886..74113)], clpP [complement(74741..75032)], clpP [complement(75881..75951)], petB [78824..78829], petB [79613..80254], petD [80461..80468], petD [81151..81658], rpl16 [complement(85107..85505)], rpl16 [complement(86458..86466)], rpl2 [complement(88149..88583)], rpl2 [complement(89249..89638)], ndhB [complement(98881..99636)], ndhB [complement(100319..101095)], trnI-GAU [106639..106680], trnI-GAU [107624..107658], trnA-UGC [107724..107761], trnA-UGC [108589..108630], ndhA [complement(124984..125523)], ndhA [complement(126607..127161)], trnA-UGC [complement(139584..139625)], trnA-UGC [complement(140453..140490)], trnI-GAU [complement(140555..140589)], trnI-GAU [complement(141533..141574)], ndhB [147118..147894], ndhB [148577..149332], rpl2 [158575..158965], rpl2 [159631..160064]</p>	<p>[complement(5237..6076)], trnG-GCC [9578..10260], atpF [complement(12720..13462)], rpoC1 [complement(23164..23928)], ycf3 [complement(45152..45890)], ycf3 [complement(46120..46841)], trnL-UAA [50299..50802], trnV-UAC [complement(54694..55280)], clpP [complement(74114..74740)], clpP [complement(75033..75880)], petB [78830..79612], petD [80469..81150], rpl16 [complement(85506..86457)], rpl2 [complement(88584..89248)], ndhB [complement(99637..100318)], trnI-GAU [106681..107623], trnA-UGC [107762..108588], ndhA [complement(125524..126606)], trnA-UGC [complement(139626..140452)], trnI-GAU [complement(140590..141532)], ndhB [147895..148576], rpl2 [158966..159630]</p>
1028.	DAPI	67	<p>rps12 [complement(102206..102448)], rps12 [complement(72363..72476)], trnK-UUU [complement(1928..1956)], trnK-UUU [complement(4530..4566)], trnG-GCC [8940..8962], trnG-GCC [9691..9739], atpF [complement(12032..12438)], atpF [complement(13205..13349)], rpoC1 [complement(21486..23108)], rpoC1 [complement(23897..24328)], ycf3 [complement(45419..45571)], ycf3 [complement(46442..46669)], ycf3 [complement(47374..47502)], trnL-UAA [50057..50091], trnL-UAA [50711..50760], trnV-UAC [complement(54263..54299)], trnV-UAC [complement(54926..54964)], rps12 [144438..144680], clpP</p>	<p>trnK-UUU [complement(1957..4529)], trnG-GCC [8963..9690], atpF [complement(12439..13204)], rpoC1 [complement(23109..23896)], ycf3 [complement(45572..46441)], ycf3 [complement(46670..47373)], trnL-UAA [50092..50710], trnV-UAC [complement(54300..54925)], clpP [complement(72951..73571)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72723..72950)], clpP [complement(73572..73862)], clpP [complement(74627..74695)], petB [77674..77679], petB [78507..79148], petD [79359..79366], petD [80126..80600], rpl16 [complement(84451..84849)], rpl16 [complement(85971..85979)], rpl2 [complement(87801..88235)], rpl2 [complement(88911..89300)], ndhB [complement(98598..99353)], ndhB [complement(100033..100809)], trnI-GAU [106125..106166], trnI-GAU [107121..107155], trnA-UGC [107220..107257], trnA-UGC [108064..108098], ndhA [complement(124170..124709)], ndhA [complement(125930..126481)], trnA-UGC [complement(138813..138847)], trnA-UGC [complement(139629..139666)], trnI-GAU [complement(139731..139765)], trnI-GAU [complement(140720..140761)], ndhB [146077..146853], ndhB [147533..148288], rpl2 [157606..157995], rpl2 [158671..159105]	[complement(73863..74626)], petB [77680..78506], petD [79367..80125], rpl16 [complement(84850..85970)], rpl2 [complement(88236..88910)], ndhB [complement(99354..100032)], trnI-GAU [106167..107120], trnA-UGC [107258..108063], ndhA [complement(124710..125929)], trnA-UGC [complement(138848..139628)], trnI-GAU [complement(139766..140719)], ndhB [146854..147532], rpl2 [157996..158670]
1029.	DARA	64	rps12 [complement(88979..89007)], rps12 [complement(89548..89779)], rps12 [complement(67380..67493)], trnK-UUU [complement(1465..1499)], trnK-UUU [complement(3974..4010)], rps16 [complement(4559..4776)], rps16 [complement(5608..5647)], trnG-UCC [complement(13115..13162)], trnG-UCC [complement(13844..13866)], atpF [32938..33082], atpF [33914..34320], ycf3 [complement(42133..42291)], ycf3 [complement(43027..43256)], ycf3 [complement(43989..44112)], trnL-UAA [46868..46902], trnL-UAA [47458..47507], trnV-UAC [complement(51127..51161)], trnV-UAC [complement(51763..51798)], rps12 [125767..125998], rps12 [126539..126567], petB [71219..71224], petB [72022..72663], petD [72863..72870], petD [73616..74090], rpl16 [complement(77626..78027)], rpl16 [complement(79094..79102)], rpl2 [complement(81065..81495)], rpl2 [complement(82159..82549)], ndhB [complement(85906..86661)], ndhB [complement(87374..88150)], trnI-GAU [93603..93639], trnI-GAU [94355..94389], trnA-UGC [94455..94492], trnA-UGC [95303..95337], ndhA [complement(110725..111263)], ndhA [complement(112309..112858)], trnA-UGC [complement(120209..120243)], trnA-UGC [complement(121054..121091)], trnI-GAU [complement(121157..121191)], trnI-GAU [complement(121907..121943)], ndhB [127396..128172], ndhB [128885..129640], rpl2 [132997..133387], rpl2 [134051..134481]	trnK-UUU [complement(1500..3973)], rps16 [complement(4777..5607)], trnG-UCC [complement(13163..13843)], atpF [33083..33913], ycf3 [complement(42292..43026)], ycf3 [complement(43257..43988)], trnL-UAA [46903..47457], trnV-UAC [complement(51162..51762)], petB [71225..72021], petD [72871..73615], rpl16 [complement(78028..79093)], rpl2 [complement(81496..82158)], ndhB [complement(86662..87373)], trnI-GAU [93640..94354], trnA-UGC [94493..95302], ndhA [complement(111264..112308)], trnA-UGC [complement(120244..121053)], trnI-GAU [complement(121192..121906)], ndhB [128173..128884], rpl2 [133388..134050]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1030.	DAST	39	rps12 [complement(100248..100490)], rps12 [complement(71915..72028)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4315..4351)], trnG-GCC [9311..9333], trnG-GCC [10028..10075], rps12 [141622..141921], trnI-GAU [104198..104239], trnI-GAU [104957..104991], trnA-UGC [105056..105093], trnA-UGC [105905..105939], ndhA [complement(121541..122080)], trnA-UGC [complement(136230..136264)], trnA-UGC [complement(137076..137113)], trnI-GAU [complement(137178..137212)], trnI-GAU [complement(137930..137971)]	trnK-UUU [complement(1809..4314)], rps16 [complement(5302..6167)], trnG-GCC [9334..10027], atpF [complement(12418..13117)], rpoC1 [complement(22951..23687)], ycf3 [complement(44238..44990)], ycf3 [complement(45221..45960)], trnL-UAA [48756..49256], trnV-UAC [complement(53300..53868)], clpP [complement(72401..73024)], clpP [complement(73317..74108)], petB [77131..77876], petD [78718..79465], rpl16 [complement(83743..84767)], rpl2 [complement(86865..87533)], ndhB [complement(97436..98114)], trnI-GAU [104240..104956], trnA-UGC [105094..105904], ndhA [complement(122081..123234)], trnA-UGC [complement(136265..137075)], trnI-GAU [complement(137213..137929)], ndhB [144055..144733], rpl2 [154642..155325]
1031.	DATA	70	rps12 [complement(98637..98662)], rps12 [complement(99200..99431)], rps12 [complement(71351..71464)], trnK-UUU [complement(1783..1817)], trnK-UUU [complement(4300..4336)], rps16 [complement(5022..5221)], rps16 [complement(6173..6212)], trnG-UCC [9470..9492], trnG-UCC [10216..10264], atpF [complement(12371..12781)], atpF [complement(13674..13817)], rpoC1 [complement(21544..23160)], rpoC1 [complement(23931..24362)], ycf3 [complement(43555..43707)], ycf3 [complement(44456..44683)], ycf3 [complement(45423..45548)], trnL-UAA [48713..48746], trnL-UAA [49297..49346], trnV-UAC [complement(52410..52444)], trnV-UAC [complement(53047..53084)], rps12 [155398..155629], rps12 [156167..156192], petB [75239..75244], petB	trnK-UUU [complement(1818..4299)], rps16 [complement(5222..6172)], trnG-UCC [9493..10215], atpF [complement(12782..13673)], rpoC1 [complement(23161..23930)], ycf3 [complement(43708..44455)], ycf3 [complement(44684..45422)], trnL-UAA [48747..49296], trnV-UAC [complement(52445..53046)], petB [75245..76012], petD [76956..77736], rpl16 [complement(82160..83230)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76013..76711], petD [76948..76955], petD [77737..78211], rpl16 [complement(81761..82159)], rpl16 [complement(83231..83239)], rpl2 [complement(84916..85349)], rpl2 [complement(86035..86425)], ndhB [complement(95581..96336)], ndhB [complement(97021..97797)], trnI-GAU [103356..103392], trnI-GAU [104353..104387], trnA-UGC [104451..104488], trnA-UGC [105309..105343], ndhA [117910..118473], ndhA [119632..120171], ndhA [complement(134658..135197)], ndhA [complement(136356..136919)], trnA-UGC [complement(149486..149520)], trnA-UGC [complement(150341..150378)], trnI-GAU [complement(150442..150476)], trnI-GAU [complement(151437..151473)], ndhB [157032..157808], ndhB [158493..159248], rpl2 [168404..168794], rpl2 [169480..169913]	[complement(85350..86034)], ndhB [complement(96337..97020)], trnI-GAU [103393..104352], trnA-UGC [104489..105308], ndhA [118474..119631], ndhA [complement(135198..136355)], trnA-UGC [complement(149521..150340)], trnI-GAU [complement(150477..151436)], ndhB [157809..158492], rpl2 [168795..169479]
1032.	DEAD	58	trnK-UUU [complement(1426..1460)], trnK-UUU [complement(4223..4259)], rps16 [complement(4757..5004)], rps16 [complement(5899..5938)], trnG-UCC [complement(9503..9533)], trnG-UCC [complement(10205..10263)], atpF [complement(12149..12558)], atpF [complement(13484..13628)], rpoC1 [complement(21082..22689)], rpoC1 [complement(23451..23903)], ycf3 [complement(42686..42838)], ycf3 [complement(43573..43802)], ycf3 [complement(44524..44647)], trnL-UAA [47313..47347], trnL-UAA [48152..48201], trnV-UAC [complement(50541..50577)], trnV-UAC [complement(51159..51197)], clpP [complement(69964..70194)], clpP [complement(70864..71155)], clpP [complement(72111..72181)], petB [75648..75653], petB [76382..77023], petD [77217..77224], petD [78084..78567], rpl16 [complement(82131..82529)], rpl16 [complement(83723..83731)], ndhB [complement(96329..97084)], ndhB [complement(97784..98560)], trnI-GAU [104272..104308], trnI-GAU [105255..105289], trnA-UGC [105354..105391], trnA-UGC [106193..106226], trnA-UGC [complement(130839..130872)], trnA-UGC [complement(131674..131711)], trnI-GAU [complement(131776..131810)], trnI-GAU [complement(132757..132793)], ndhB [138505..139281], ndhB [139981..140736]	trnK-UUU [complement(1461..4222)], rps16 [complement(5005..5898)], trnG-UCC [complement(9534..10204)], atpF [complement(12559..13483)], rpoC1 [complement(22690..23450)], ycf3 [complement(42839..43572)], ycf3 [complement(43803..44523)], trnL-UAA [47348..48151], trnV-UAC [complement(50578..51158)], clpP [complement(70195..70863)], clpP [complement(71156..72110)], petB [75654..76381], petD [77225..78083], rpl16 [complement(82530..83722)], ndhB [complement(97085..97783)], trnI-GAU [104309..105254], trnA-UGC [105392..106192], trnA-UGC [complement(130873..131673)], trnI-GAU [complement(131811..132756)], ndhB [139282..139980]
1033.	DEA	66	rps12 [complement(98665..98690)], rps12 [complement(99227..99458)],	trnK-UUU [complement(1776..4291)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	M		<p>rps12 [complement(71357..71470)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4292..4328)], rps16 [complement(4913..5138)], rps16 [complement(6032..6072)], trnG-UCC [9049..9071], trnG-UCC [9779..9826], atpF [complement(11727..12136)], atpF [complement(12928..13072)], rpoC1 [complement(20716..22317)], rpoC1 [complement(23096..23527)], ycf3 [complement(43769..43921)], ycf3 [complement(44685..44912)], ycf3 [complement(45700..45825)], trnL-UAA [48594..48630], trnL-UAA [49201..49250], trnV-UAC [complement(52777..52811)], trnV-UAC [complement(53407..53444)], rps12 [141668..141899], rps12 [142436..142461], clpP [complement(71617..71844)], clpP [complement(72461..72752)], clpP [complement(73606..73676)], petB [76591..76596], petB [77505..78146], petD [78351..78358], petD [79108..79582], rpl16 [complement(83033..83431)], rpl16 [complement(84449..84457)], ndhB [complement(95646..96401)], ndhB [complement(97076..97852)], trnI-GAU [103068..103104], trnI-GAU [104051..104085], trnA-UGC [104156..104193], trnA-UGC [105020..105054], ndhA [complement(121566..122104)], ndhA [complement(123240..123792)], trnA-UGC [complement(136072..136106)], trnA-UGC [complement(136933..136970)], trnI-GAU [complement(137041..137075)], trnI-GAU [complement(138022..138058)], ndhB [143274..144050], ndhB [144725..145480]</p>	<p>[complement(5139..6031)], trnG-UCC [9072..9778], atpF [complement(12137..12927)], rpoC1 [complement(22318..23095)], ycf3 [complement(43922..44684)], ycf3 [complement(44913..45699)], trnL-UAA [48631..49200], trnV-UAC [complement(52812..53406)], clpP [complement(71845..72460)], clpP [complement(72753..73605)], petB [76597..77504], petD [78359..79107], rpl16 [complement(83432..84448)], ndhB [complement(96402..97075)], trnI-GAU [103105..104050], trnA-UGC [104194..105019], ndhA [complement(122105..123239)], trnA-UGC [complement(136107..136932)], trnI-GAU [complement(137076..138021)], ndhB [144051..144724]</p>
1034.	DEAN	36	<p>rps12 [complement(89233..89475)], rps12 [complement(66871..66984)], trnK [complement(1372..1404)], trnK [complement(3891..3928)], trnL [45906..45942], trnL [46480..46529], trnV [complement(50046..50082)], trnV [complement(50677..50726)], rps12 [125839..126081], trnI [93257..93298], trnI [94100..94134], trnA [94200..94237], trnA [95049..95083], trnA [complement(120231..120265)], trnA [complement(121077..121114)], trnI [complement(121180..121214)], trnI [complement(122016..122057)]</p>	<p>trnK [complement(1405..3890)], rps16 [complement(4698..5527)], atpF [32223..33024], ycf3 [complement(41359..42086)], ycf3 [complement(42315..43063)], trnL [45943..46479], trnV [complement(50083..50676)], petB [70752..71511], petD [72351..73036], rpl16 [complement(77589..78481)], rpl2 [complement(80928..81587)], ndhB [complement(86363..87074)], trnI</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[93299..94099], trnA [94238..95048], ndhA [complement(111379..112390)], trnA [complement(120266..121076)], trnI [complement(121215..122015)], ndhB [128240..128951], rpl2 [133727..134386]
1035.	DEAP	58	trnK-UUU [complement(1419..1453)], trnK-UUU [complement(4198..4234)], rps16 [complement(4732..4979)], rps16 [complement(5867..5906)], trnG-GCC [9448..9478], trnG-GCC [10150..10208], atpF [complement(12083..12492)], atpF [complement(13427..13571)], rpoC1 [complement(21013..22620)], rpoC1 [complement(23383..23835)], ycf3 [complement(42643..42795)], ycf3 [complement(43529..43758)], ycf3 [complement(44482..44605)], trnL-UAA [47221..47255], trnL-UAA [48047..48096], trnV-UAC [complement(50202..50238)], trnV-UAC [complement(50820..50858)], clpP [complement(69540..69770)], clpP [complement(70441..70732)], clpP [complement(71678..71748)], petB [75283..75288], petB [76018..76659], petD [76845..76852], petD [77711..78194], rpl16 [complement(81755..82153)], rpl16 [complement(83357..83365)], ndhB [complement(95961..96716)], ndhB [complement(97416..98192)], trnI-GAU [103900..103936], trnI-GAU [104880..104914], trnA-UGC [104979..105016], trnA-UGC [105818..105851], trnA-UGC [complement(130262..130295)], trnA-UGC [complement(131097..131134)], trnI-GAU [complement(131199..131233)], trnI-GAU [complement(132177..132213)], ndhB [137921..138697], ndhB [139397..140152]	trnK-UUU [complement(1454..4197)], rps16 [complement(4980..5866)], trnG-GCC [9479..10149], atpF [complement(12493..13426)], rpoC1 [complement(22621..23382)], ycf3 [complement(42796..43528)], ycf3 [complement(43759..44481)], trnL-UAA [47256..48046], trnV-UAC [complement(50239..50819)], clpP [complement(69771..70440)], clpP [complement(70733..71677)], petB [75289..76017], petD [76853..77710], rpl16 [complement(82154..83356)], ndhB [complement(96717..97415)], trnI-GAU [103937..104879], trnA-UGC [105017..105817], trnA-UGC [complement(130296..131096)], trnI-GAU [complement(131234..132176)], ndhB [138698..139396]
1036.	DEBA	61	rps12 [complement(96967..97209)], rps12 [complement(68872..68985)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4419..4455)], rpoC1 [16331..16783], rpoC1 [17519..19156], atpF [27037..27194], atpF [27856..28294], trnG-UCC [complement(30300..30346)], trnG-UCC [complement(31072..31094)], ycf3 [complement(42271..42423)], ycf3 [complement(43164..43391)], ycf3 [complement(44089..44214)], trnL-UAA [47077..47113], trnL-UAA [47549..47598], trnV-UAC [complement(51157..51193)], trnV-UAC [complement(51768..51805)], rps12	trnK-UUU [complement(1858..4418)], rpoC1 [16784..17518], atpF [27195..27855], trnG-UCC [complement(30347..31071)], ycf3 [complement(42424..43163)], ycf3 [complement(43392..44088)], trnL-UAA [47114..47548], trnV-UAC [complement(51194..51767)], clpP [complement(69370..69991)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[136758..137000], clpP [complement(69141..69369)], clpP [complement(69992..70282)], clpP [complement(71105..71172)], petB [74090..74098], petB [74855..75502], rpl2 [complement(83505..83939)], rpl2 [complement(84607..84999)], ndhB [complement(93403..94158)], ndhB [complement(94830..95606)], trnI-GAU [101127..101168], trnI-GAU [101941..101975], trnA-UGC [102040..102077], trnA-UGC [102775..102809], ndhA [114371..114932], ndhA [116013..116554], trnA-UGC [complement(131158..131192)], trnA-UGC [complement(131890..131927)], trnI-GAU [complement(131992..132026)], trnI-GAU [complement(132804..132840)], ndhB [138361..139137], ndhB [139809..140564], rpl2 [148968..149360], rpl2 [150028..150462]	[complement(70283..71104)], petB [74099..74854], rpl2 [complement(83940..84606)], ndhB [complement(94159..94829)], trnI-GAU [101169..101940], trnA-UGC [102078..102774], ndhA [114933..116012], trnA-UGC [complement(131193..131889)], trnI-GAU [complement(132027..132803)], ndhB [139138..139808], rpl2 [149361..150027]
1037.	DEBE	67	trnK-UUU [complement(1408..1442)], trnK-UUU [complement(4245..4281)], rps16 [complement(4779..5026)], rps16 [complement(5918..5957)], trnG-UCC [9527..9557], trnG-UCC [10229..10287], atpF [complement(12175..12584)], atpF [complement(13511..13655)], rpoC1 [complement(21104..22711)], rpoC1 [complement(23473..23925)], ycf3 [complement(42772..42924)], ycf3 [complement(43659..43888)], ycf3 [complement(44610..44733)], trnL-UAA [47392..47426], trnL-UAA [48225..48274], trnV-UAC [complement(50509..50545)], trnV-UAC [complement(51127..51165)], rps12 [complement(69683..69796)], rps12 [136836..137067], rps12 [137615..137640], clpP [complement(69951..70181)], clpP [complement(70854..71145)], clpP [complement(72101..72171)], petB [75697..75702], petB [76430..77071], petD [77257..77264], petD [78127..78610], rpl16 [complement(82173..82571)], rpl16 [complement(83767..83775)], rpl2 [complement(85753..86183)], rpl2 [complement(86871..87261)], ndhB [complement(96364..97119)], ndhB [complement(97819..98595)], trnI-GAU [104295..104331], trnI-GAU [105277..105311], trnA-UGC [105376..105413], trnA-UGC [106215..106249], trnA-UGC [complement(130836..130870)], trnA-UGC [complement(131672..131709)], trnI-GAU [complement(131774..131808)], trnI-GAU [complement(132754..132790)], ndhB [138490..139266], ndhB [139966..140721], rpl2 [149826..150216], rpl2 [150904..151334]	trnK-UUU [complement(1443..4244)], rps16 [complement(5027..5917)], trnG-UCC [9558..10228], atpF [complement(12585..13510)], rpoC1 [complement(22712..23472)], ycf3 [complement(42925..43658)], ycf3 [complement(43889..44609)], trnL-UAA [47427..48224], trnV-UAC [complement(50546..51126)], clpP [complement(70182..70853)], clpP [complement(71146..72100)], petB [75703..76429], petD [77265..78126], rpl16 [complement(82572..83766)], rpl2 [complement(86184..86870)], ndhB [complement(97120..97818)], trnI-GAU [104332..105276], trnA-UGC [105414..106214], trnA-UGC [complement(130871..131671)], trnI-GAU [complement(131809..132753)], ndhB [139267..139965], rpl2 [150217..150903]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1038.	DEBR	58	trnK-UUU [complement(1406..1440)], trnK-UUU [complement(4227..4263)], rps16 [complement(4761..5008)], rps16 [complement(5901..5940)], trnG-GCC [9478..9508], trnG-GCC [10180..10238], atpF [complement(12123..12532)], atpF [complement(13451..13595)], rpoC1 [complement(21023..22630)], rpoC1 [complement(23393..23845)], ycf3 [complement(42635..42787)], ycf3 [complement(43522..43751)], ycf3 [complement(44469..44592)], trnL-UAA [47185..47219], trnL-UAA [48020..48069], trnV-UAC [complement(50415..50451)], trnV-UAC [complement(51033..51071)], clpP [complement(69801..70031)], clpP [complement(70708..70999)], clpP [complement(71952..72022)], petB [75549..75554], petB [76284..76925], petD [77111..77118], petD [77983..78496], rpl16 [complement(82024..82422)], rpl16 [complement(83625..83633)], ndhB [complement(96225..96980)], ndhB [complement(97680..98456)], trnI-GAU [104164..104200], trnI-GAU [105139..105173], trnA-UGC [105238..105275], trnA-UGC [106084..106117], trnA-UGC [complement(130569..130602)], trnA-UGC [complement(131411..131448)], trnI-GAU [complement(131513..131547)], trnI-GAU [complement(132486..132522)], ndhB [138230..139006], ndhB [139706..140461]	trnK-UUU [complement(1441..4226)], rps16 [complement(5009..5900)], trnG-GCC [9509..10179], atpF [complement(12533..13450)], rpoC1 [complement(22631..23392)], ycf3 [complement(42788..43521)], ycf3 [complement(43752..44468)], trnL-UAA [47220..48019], trnV-UAC [complement(50452..51032)], clpP [complement(70032..70707)], clpP [complement(71000..71951)], petB [75555..76283], petD [77119..77982], rpl16 [complement(82423..83624)], ndhB [complement(96981..97679)], trnI-GAU [104201..105138], trnA-UGC [105276..106083], trnA-UGC [complement(130603..131410)], trnI-GAU [complement(131548..132485)], ndhB [139007..139705]
1039.	DEBS	67	rps12 [complement(96981..97223)], rps12 [complement(68871..68984)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4419..4455)], rps16 [complement(5265..5490)], rps16 [complement(6338..6375)], rpoC1 [16327..16779], rpoC1 [17515..19152], atpF [27034..27191], atpF [27853..28291], trnG-UCC [complement(30305..30344)], trnG-UCC [complement(31070..31092)], ycf3 [complement(42269..42421)], ycf3 [complement(43162..43389)], ycf3 [complement(44087..44212)], trnL-UAA [47074..47110], trnL-UAA [47546..47595], trnV-UAC [complement(51154..51190)], trnV-UAC [complement(51765..51802)], rps12 [136753..136995], clpP [complement(69140..69368)], clpP [complement(69991..70281)], clpP [complement(71106..71173)], petB [74101..74106], petB [74878..75519], petD [75715..75724], petD [76441..76913], rpl2 [complement(83519..83953)], rpl2	trnK-UUU [complement(1859..4418)], rps16 [complement(5491..6337)], rpoC1 [16780..17514], atpF [27192..27852], trnG-UCC [complement(30345..31069)], ycf3 [complement(42422..43161)], ycf3 [complement(43390..44086)], trnL-UAA [47111..47545], trnV-UAC [complement(51191..51764)], clpP [complement(69369..69990)], clpP [complement(70282..71105)], petB [74107..74877], petD [75725..76440], rpl2 [complement(83954..84620)], ndhB [complement(94173..94843)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84621..85013)], ndhB [complement(93417..94172)], ndhB [complement(94844..95620)], trnI-GAU [101141..101182], trnI-GAU [101954..101988], trnA-UGC [102053..102090], trnA-UGC [102788..102822], ndhA [114382..114943], ndhA [116024..116565], trnA-UGC [complement(131154..131188)], trnA-UGC [complement(131886..131923)], trnI-GAU [complement(131988..132022)], trnI-GAU [complement(132794..132835)], ndhB [138356..139132], ndhB [139804..140559], rpl2 [148963..149355], rpl2 [150023..150457]	[101183..101953], trnA-UGC [102091..102787], ndhA [114944..116023], trnA-UGC [complement(131189..131885)], trnI-GAU [complement(132023..132793)], ndhB [139133..139803], rpl2 [149356..150022]
1040.	DECA	67	trnK-UUU [complement(1408..1442)], trnK-UUU [complement(4245..4281)], rps16 [complement(4779..5026)], rps16 [complement(5918..5957)], trnG-UCC [9526..9556], trnG-UCC [10228..10286], atpF [complement(12173..12582)], atpF [complement(13509..13653)], rpoC1 [complement(21102..22709)], rpoC1 [complement(23471..23923)], ycf3 [complement(42769..42921)], ycf3 [complement(43656..43885)], ycf3 [complement(44607..44730)], trnL-UAA [47389..47423], trnL-UAA [48222..48271], trnV-UAC [complement(50506..50542)], trnV-UAC [complement(51124..51162)], rps12 [complement(69680..69793)], rps12 [136833..137064], rps12 [137612..137637], clpP [complement(69948..70178)], clpP [complement(70851..71142)], clpP [complement(72098..72168)], petB [75694..75699], petB [76427..77068], petD [77254..77261], petD [78124..78607], rpl16 [complement(82170..82568)], rpl16 [complement(83764..83772)], rpl2 [complement(85750..86180)], rpl2 [complement(86868..87258)], ndhB [complement(96361..97116)], ndhB [complement(97816..98592)], trnI-GAU [104292..104328], trnI-GAU [105274..105308], trnA-UGC [105373..105410], trnA-UGC [106212..106246], trnA-UGC [complement(130833..130867)], trnA-UGC [complement(131669..131706)], trnI-GAU [complement(131771..131805)], trnI-GAU [complement(132751..132787)], ndhB [138487..139263], ndhB [139963..140718], rpl2 [149821..150211], rpl2 [150899..151329]	trnK-UUU [complement(1443..4244)], rps16 [complement(5027..5917)], trnG-UCC [9557..10227], atpF [complement(12583..13508)], rpoC1 [complement(22710..23470)], ycf3 [complement(42922..43655)], ycf3 [complement(43886..44606)], trnL-UAA [47424..48221], trnV-UAC [complement(50543..51123)], clpP [complement(70179..70850)], clpP [complement(71143..72097)], petB [75700..76426], petD [77262..78123], rpl16 [complement(82569..83763)], rpl2 [complement(86181..86867)], ndhB [complement(97117..97815)], trnI-GAU [104329..105273], trnA-UGC [105411..106211], trnA-UGC [complement(130868..131668)], trnI-GAU [complement(131806..132750)], ndhB [139264..139962], rpl2 [150212..150898]
1041.	DECE	67	rps12 [complement(97013..97255)], rps12 [complement(68905..69018)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4419..4455)], rps16 [complement(5289..5514)], rps16 [complement(6361..6398)], rpoC1	trnK-UUU [complement(1859..4418)], rps16 [complement(5515..6360)], rpoC1 [16803..17537], atpF [27206..27866], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[16350..16802], rpoC1 [17538..19175], atpF [27048..27205], atpF [27867..28305], trnG-UCC [complement(30312..30358)], trnG-UCC [complement(31084..31106)], ycf3 [complement(42283..42435)], ycf3 [complement(43176..43403)], ycf3 [complement(44101..44226)], trnL-UAA [47086..47122], trnL-UAA [47558..47607], trnV-UAC [complement(51166..51202)], trnV-UAC [complement(51777..51814)], rps12 [136808..137050], clpP [complement(69174..69402)], clpP [complement(70025..70315)], clpP [complement(71140..71207)], petB [74133..74138], petB [74910..75551], petD [75747..75755], petD [76472..76945], rpl2 [complement(83551..83985)], rpl2 [complement(84653..85045)], ndhB [complement(93449..94204)], ndhB [complement(94876..95652)], trnV-GAU [101173..101214], trnV-GAU [101987..102021], trnA-UGC [102086..102123], trnA-UGC [102821..102855], ndhA [114417..114978], ndhA [116059..116600], trnA-UGC [complement(131208..131242)], trnA-UGC [complement(131940..131977)], trnI-GAU [complement(132042..132076)], trnI-GAU [complement(132849..132890)], ndhB [138411..139187], ndhB [139859..140614], rpl2 [149018..149410], rpl2 [150078..150512]	UCC [complement(30359..31083)], ycf3 [complement(42436..43175)], ycf3 [complement(43404..44100)], trnL-UAA [47123..47557], trnV-UAC [complement(51203..51776)], clpP [complement(69403..70024)], clpP [complement(70316..71139)], petB [74139..74909], petD [75756..76471], rpl2 [complement(83986..84652)], ndhB [complement(94205..94875)], trnV-GAU [101215..101986], trnA-UGC [102124..102820], ndhA [114979..116058], trnA-UGC [complement(131243..131939)], trnI-GAU [complement(132077..132848)], ndhB [139188..139858], rpl2 [149411..150077]
1042.	DECH	55	rps12 [complement(99219..99266)], rps12 [complement(99766..99912)], rps12 [complement(69458..69568)], trnK-UUU [complement(256..290)], trnK-UUU [complement(3175..3211)], rps16 [complement(3726..3973)], rps16 [complement(4865..4904)], trnG-UCC [8504..8534], trnG-UCC [9214..9272], atpF [complement(11155..11564)], atpF [complement(12529..12673)], rpoC1 [complement(20098..21705)], rpoC1 [complement(22479..22931)], ycf3 [complement(42144..42296)], ycf3 [complement(43064..43293)], ycf3 [complement(44014..44137)], trnL-UAA [46808..46842], trnL-UAA [47631..47680], trnV-UAC [complement(50123..50159)], trnV-UAC [complement(50733..50771)], clpP [complement(69723..69953)], clpP [complement(70628..70919)], clpP [complement(71947..72017)], petB [75628..75633], petB [76378..77019], petD [77205..77212], petD [78079..78562], rpl16 [complement(82126..82524)], rpl16 [complement(83737..83745)], trnI-GAU [104457..104493], trnI-GAU	trnK-UUU [complement(291..3174)], rps16 [complement(3974..4864)], trnG-UCC [8535..9213], atpF [complement(11565..12528)], rpoC1 [complement(21706..22478)], ycf3 [complement(42297..43063)], ycf3 [complement(43294..44013)], trnL-UAA [46843..47630], trnV-UAC [complement(50160..50732)], clpP [complement(69954..70627)], clpP [complement(70920..71946)], petB [75634..76377], petD [77213..78078], rpl16 [complement(82525..83736)], trnI-GAU [104494..105443], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105444..105478], trnA-UGC [105543..105580], trnA-UGC [106382..106416], trnA-UGC [complement(131273..131307)], trnA-UGC [complement(132109..132146)], trnI-GAU [complement(132211..132245)], trnI-GAU [complement(133196..133232)]	[105581..106381], trnA-UGC [complement(131308..132108)], trnI-GAU [complement(132246..133195)]
1043.	DECO	72	rps12 [complement(99799..99824)], rps12 [complement(100361..100592)], rps12 [complement(71949..72062)], trnK-UUU [complement(1711..1745)], trnK-UUU [complement(4242..4278)], rps16 [complement(5099..5323)], rps16 [complement(6208..6246)], trnG-UCC [9837..9859], trnG-UCC [10536..10583], atpF [complement(12492..12899)], atpF [complement(13604..13762)], rpoC1 [complement(21487..23112)], rpoC1 [complement(23879..24313)], ycf3 [complement(43708..43860)], ycf3 [complement(44607..44834)], ycf3 [complement(45548..45673)], trnL-UAA [48687..48721], trnL-UAA [49248..49297], trnV-UAC [complement(53208..53244)], trnV-UAC [complement(53838..53876)], rps12 [142632..142863], rps12 [143400..143425], clpP [complement(72203..72430)], clpP [complement(73076..73366)], clpP [complement(74154..74222)], petB [77123..77128], petB [77877..78518], petD [78715..78722], petD [79428..79902], rpl16 [complement(83346..83747)], rpl16 [complement(84767..84775)], rpl2 [complement(86450..86884)], rpl2 [complement(87550..87942)], ndhB [complement(96741..97496)], ndhB [complement(98176..98952)], trnI-GAU [104531..104572], trnI-GAU [105445..105479], trnA-UGC [105543..105580], trnA-UGC [106387..106421], ndhA [complement(122234..122773)], ndhA [complement(123855..124406)], trnA-UGC [complement(136803..136837)], trnA-UGC [complement(137644..137680)], trnI-GAU [complement(137745..137779)], trnI-GAU [complement(138652..138693)], ndhB [144272..145048], ndhB [145728..146483], rpl2 [155282..155671], rpl2 [156340..156774]	trnK-UUU [complement(1746..4241)], rps16 [complement(5324..6207)], trnG-UCC [9860..10535], atpF [complement(12900..13603)], rpoC1 [complement(23113..23878)], ycf3 [complement(43861..44606)], ycf3 [complement(44835..45547)], trnL-UAA [48722..49247], trnV-UAC [complement(53245..53837)], clpP [complement(72431..73075)], clpP [complement(73367..74153)], petB [77129..77876], petD [78723..79427], rpl16 [complement(83748..84766)], rpl2 [complement(86885..87549)], ndhB [complement(97497..98175)], trnI-GAU [104573..105444], trnA-UGC [105581..106386], ndhA [complement(122774..123854)], trnA-UGC [complement(136838..137643)], trnI-GAU [complement(137780..138651)], ndhB [145049..145727], rpl2 [155672..156339]
1044.	DECR	58	trnK-UUU [complement(1407..1441)], trnK-UUU [complement(4210..4246)], rps16 [complement(4743..4990)], rps16 [complement(5883..5922)], trnG-GCC [9456..9486], trnG-GCC [10158..10216], atpF [complement(12100..12509)], atpF [complement(13428..13572)], rpoC1 [complement(21013..22620)], rpoC1 [complement(23380..23832)], ycf3 [complement(42634..42786)], ycf3	trnK-UUU [complement(1442..4209)], rps16 [complement(4991..5882)], trnG-GCC [9487..10157], atpF [complement(12510..13427)], rpoC1 [complement(22621..23379)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43540..43769)], ycf3 [complement(44487..44610)], trnL-UAA [47233..47267], trnL-UAA [48063..48112], trnV-UAC [complement(50431..50467)], trnV-UAC [complement(51049..51087)], clpP [complement(69823..70053)], clpP [complement(70725..71015)], clpP [complement(71957..72025)], petB [75542..75547], petB [76276..76917], petD [77103..77110], petD [77966..78449], rpl16 [complement(82011..82409)], rpl16 [complement(83603..83611)], ndhB [complement(96169..96924)], ndhB [complement(97624..98400)], trnI-GAU [104095..104131], trnI-GAU [105076..105110], trnA-UGC [105175..105212], trnA-UGC [106014..106047], trnA-UGC [complement(130482..130515)], trnA-UGC [complement(131317..131354)], trnI-GAU [complement(131419..131453)], trnI-GAU [complement(132398..132434)], ndhB [138130..138906], ndhB [139606..140361]	[complement(42787..43539)], ycf3 [complement(43770..44486)], trnL-UAA [47268..48062], trnV-UAC [complement(50468..51048)], clpP [complement(70054..70724)], clpP [complement(71016..71956)], petB [75548..76275], petD [77111..77965], rpl16 [complement(82410..83602)], ndhB [complement(96925..97623)], trnI-GAU [104132..105075], trnA-UGC [105213..106013], trnA-UGC [complement(130516..131316)], trnI-GAU [complement(131454..132397)], ndhB [138907..139605]
1045.	DECS	36	rps12 [complement(89350..89592)], rps12 [complement(66952..67065)], trnK [complement(1411..1443)], trnK [complement(3928..3965)], trnL [46015..46051], trnL [46589..46638], trnV [complement(50172..50208)], trnV [complement(50803..50852)], rps12 [125811..126053], trnI [93374..93415], trnI [94217..94251], trnA [94317..94354], trnA [95067..95101], trnA [complement(120302..120336)], trnA [complement(121049..121086)], trnI [complement(121152..121186)], trnI [complement(121988..122029)]	trnK [complement(1444..3927)], rps16 [complement(4735..5568)], atpF [32333..33134], ycf3 [complement(41471..42191)], ycf3 [complement(42420..43173)], trnL [46052..46588], trnV [complement(50209..50802)], petB [70860..71618], petD [72458..73143], rpl16 [complement(77696..78593)], rpl2 [complement(81040..81699)], ndhB [complement(86486..87197)], trnI [93416..94216], trnA [94355..95066], ndhA [complement(111450..112461)], trnA [complement(120337..121048)], trnI [complement(121187..121987)], ndhB [128206..128917], rpl2 [133704..134363]
1046.	DECT	63	rps12 [complement(99528..99553)], rps12 [complement(100101..100332)], rps12 [complement(69767..69880)], rps16 [complement(4842..5088)], rps16	rps16 [complement(5089..5979)], atpF [complement(12502..13427)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5980..6020)], atpF [complement(12092..12501)], atpF [complement(13428..13572)], rpoC1 [complement(21020..22627)], rpoC1 [complement(23389..23841)], ycf3 [complement(42759..42911)], ycf3 [complement(43646..43874)], ycf3 [complement(44596..44720)], trnL-UAA [47380..47414], trnL-UAA [48213..48262], trnV-UAC [complement(50593..50638)], trnV-UAC [complement(51211..51249)], rps12 [136948..137179], rps12 [137727..137752], clpP [complement(70035..70265)], clpP [complement(70938..71229)], clpP [complement(72185..72255)], petB [75804..75809], petB [76537..77178], petD [77364..77371], petD [78234..78717], rpl16 [complement(82281..82679)], rpl16 [complement(83874..83882)], rpl2 [complement(85860..86291)], rpl2 [complement(86952..87344)], ndhB [complement(96447..97202)], ndhB [complement(97902..98678)], trnI-GAU [104390..104431], trnI-GAU [105372..105406], trnA-UGC [105471..105508], trnA-UGC [106310..106344], trnA [complement(130936..130970)], trnA [complement(131772..131809)], trnI-GAU [complement(131874..131908)], trnI-GAU [complement(132849..132890)], ndhB [138602..139378], ndhB [140078..140833], rpl2 [149936..150328], rpl2 [150989..151420]	[complement(22628..23388)], ycf3 [complement(42912..43645)], ycf3 [complement(43875..44595)], trnL-UAA [47415..48212], trnV-UAC [complement(50639..51210)], clpP [complement(70266..70937)], clpP [complement(71230..72184)], petB [75810..76536], petD [77372..78233], rpl16 [complement(82680..83873)], rpl2 [complement(86292..86951)], ndhB [complement(97203..97901)], trnI-GAU [104432..105371], trnA-UGC [105509..106309], trnA [complement(130971..131771)], trnI-GAU [complement(131909..132848)], ndhB [139379..140077], rpl2 [150329..150988]
1047.	DECY	58	trnK-UUU [complement(1363..1397)], trnK-UUU [complement(4193..4229)], rps16 [complement(4709..4956)], rps16 [complement(5850..5889)], trnG-UCC [complement(9443..9473)], trnG-UCC [complement(10145..10203)], atpF [complement(12087..12496)], atpF [complement(13406..13550)], rpoC1 [complement(20983..22590)], rpoC1 [complement(23350..23802)], ycf3 [complement(42607..42759)], ycf3 [complement(43499..43728)], ycf3 [complement(44448..44571)], trnL-UAA [47170..47204], trnL-UAA [47998..48047], trnV-UAC [complement(50386..50422)], trnV-UAC [complement(51004..51042)], clpP [complement(69771..70001)], clpP [complement(70677..70968)], clpP [complement(71900..71970)], petB [75476..75481], petB [76211..76852], petD [77038..77045], petD [77900..78413], rpl16 [complement(81941..82339)], rpl16 [complement(83528..83536)], ndhB [complement(96122..96877)], ndhB [complement(97577..98353)], trnI-GAU [104063..104099], trnI-GAU	trnK-UUU [complement(1398..4192)], rps16 [complement(4957..5849)], trnG-UCC [complement(9474..10144)], atpF [complement(12497..13405)], rpoC1 [complement(22591..23349)], ycf3 [complement(42760..43498)], ycf3 [complement(43729..44447)], trnL-UAA [47205..47997], trnV-UAC [complement(50423..51003)], clpP [complement(70002..70676)], clpP [complement(70969..71899)], petB [75482..76210], petD [77046..77899], rpl16 [complement(82340..83527)], ndhB [complement(96878..97576)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105045..105079], trnA-UGC [105144..105181], trnA-UGC [105983..106016], trnA-UGC [complement(130532..130565)], trnA-UGC [complement(131367..131404)], trnI-GAU [complement(131469..131503)], trnI-GAU [complement(132449..132485)], ndhB [138195..138971], ndhB [139671..140426]	[104100..105044], trnA-UGC [105182..105982], trnA-UGC [complement(130566..131366)], trnI-GAU [complement(131504..132448)], ndhB [138972..139670]
1048.	DEDE	5	rps12 [142951..143182], rps12 [143719..143744], rpl2 [155085..155475], rpl2 [156136..156569]	rpl2 [155476..156135]
1049.	DEDN	58	trnK-UUU [complement(1407..1441)], trnK-UUU [complement(4196..4232)], rps16 [complement(4710..4957)], rps16 [complement(5850..5889)], trnG-GCC [9252..9282], trnG-GCC [9954..10012], atpF [complement(11897..12306)], atpF [complement(13230..13374)], rpoC1 [complement(20807..22414)], rpoC1 [complement(23175..23627)], ycf3 [complement(42453..42605)], ycf3 [complement(43340..43569)], ycf3 [complement(44289..44412)], trnL-UAA [47059..47093], trnL-UAA [47897..47946], trnV-UAC [complement(50285..50321)], trnV-UAC [complement(50903..50941)], clpP [complement(69665..69895)], clpP [complement(70563..70854)], clpP [complement(71800..71870)], petB [75402..75407], petB [76140..76781], petD [76971..76978], petD [77830..78313], rpl16 [complement(81871..82269)], rpl16 [complement(83438..83446)], ndhB [complement(96010..96765)], ndhB [complement(97465..98241)], trnI-GAU [103955..103991], trnI-GAU [104931..104965], trnA-UGC [105030..105067], trnA-UGC [105869..105902], trnA-UGC [complement(130321..130354)], trnA-UGC [complement(131156..131193)], trnI-GAU [complement(131258..131292)], trnI-GAU [complement(132232..132268)], ndhB [137982..138758], ndhB [139458..140213]	trnK-UUU [complement(1442..4195)], rps16 [complement(4958..5849)], trnG-GCC [9283..9953], atpF [complement(12307..13229)], rpoC1 [complement(22415..23174)], ycf3 [complement(42606..43339)], ycf3 [complement(43570..44288)], trnL-UAA [47094..47896], trnV-UAC [complement(50322..50902)], clpP [complement(69896..70562)], clpP [complement(70855..71799)], petB [75408..76139], petD [76979..77829], rpl16 [complement(82270..83437)], ndhB [complement(96766..97464)], trnI-GAU [103992..104930], trnA-UGC [105068..105868], trnA-UGC [complement(130355..131155)], trnI-GAU [complement(131293..132231)], ndhB [138759..139457]
1050.	DEDV	58	trnK-UUU [complement(1357..1391)], trnK-UUU [complement(4155..4191)], rps16 [complement(4676..4920)], rps16 [complement(5814..5853)], trnG-GCC [9428..9458], trnG-GCC [10130..10188], atpF [complement(12077..12486)], atpF [complement(13425..13569)], rpoC1 [complement(21014..22621)], rpoC1 [complement(23383..23835)], ycf3 [complement(42659..42811)], ycf3 [complement(43546..43775)], ycf3 [complement(44496..44619)], trnL-UAA	trnK-UUU [complement(1392..4154)], rps16 [complement(4921..5813)], trnG-GCC [9459..10129], atpF [complement(12487..13424)], rpoC1 [complement(22622..23382)], ycf3 [complement(42812..43545)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47254..47288], trnL-UAA [48090..48139], trnV-UAC [complement(50478..50514)], trnV-UAC [complement(51096..51134)], clpP [complement(69858..70088)], clpP [complement(70758..71049)], clpP [complement(72006..72076)], petB [75650..75655], petB [76384..77025], petD [77211..77218], petD [78079..78562], rpl16 [complement(82116..82514)], rpl16 [complement(83732..83740)], ndhB [complement(96321..97076)], ndhB [complement(97776..98552)], trnI-GAU [104247..104283], trnI-GAU [105230..105264], trnA-UGC [105329..105366], trnA-UGC [106168..106201], trnA-UGC [complement(130711..130744)], trnA-UGC [complement(131546..131583)], trnI-GAU [complement(131648..131682)], trnI-GAU [complement(132629..132665)], ndhB [138360..139136], ndhB [139836..140591]	[complement(43776..44495)], trnL-UAA [47289..48089], trnV-UAC [complement(50515..51095)], clpP [complement(70089..70757)], clpP [complement(71050..72005)], petB [75656..76383], petD [77219..78078], rpl16 [complement(82515..83731)], ndhB [complement(97077..97775)], trnI-GAU [104284..105229], trnA-UGC [105367..106167], trnA-UGC [complement(130745..131545)], trnI-GAU [complement(131683..132628)], ndhB [139137..139835]
1051.	DEEL	58	trnK-UUU [complement(1413..1447)], trnK-UUU [complement(4225..4261)], rps16 [complement(4758..5005)], rps16 [complement(5897..5936)], trnG-UCC [complement(9468..9498)], trnG-UCC [complement(10171..10229)], atpF [complement(12115..12524)], atpF [complement(13454..13598)], rpoC1 [complement(21045..22652)], rpoC1 [complement(23414..23866)], ycf3 [complement(42698..42850)], ycf3 [complement(43585..43814)], ycf3 [complement(44535..44658)], trnL-UAA [47275..47309], trnL-UAA [48120..48169], trnV-UAC [complement(50505..50541)], trnV-UAC [complement(51123..51161)], clpP [complement(69857..70108)], clpP [complement(70778..71069)], clpP [complement(72014..72084)], petB [75608..75613], petB [76344..76985], petD [77171..77178], petD [78039..78522], rpl16 [complement(82084..82482)], rpl16 [complement(83694..83702)], ndhB [complement(96290..97045)], ndhB [complement(97745..98521)], trnI-GAU [104226..104262], trnI-GAU [105206..105240], trnA-UGC [105305..105342], trnA-UGC [106144..106177], trnA-UGC [complement(130780..130813)], trnA-UGC [complement(131615..131652)], trnI-GAU [complement(131717..131751)], trnI-GAU [complement(132695..132731)], ndhB [138436..139212], ndhB [139912..140667]	trnK-UUU [complement(1448..4224)], rps16 [complement(5006..5896)], trnG-UCC [complement(9499..10170)], atpF [complement(12525..13453)], rpoC1 [complement(22653..23413)], ycf3 [complement(42851..43584)], ycf3 [complement(43815..44534)], trnL-UAA [47310..48119], trnV-UAC [complement(50542..51122)], clpP [complement(70109..70777)], clpP [complement(71070..72013)], petB [75614..76343], petD [77179..78038], rpl16 [complement(82483..83693)], ndhB [complement(97046..97744)], trnI-GAU [104263..105205], trnA-UGC [105343..106143], trnA-UGC [complement(130814..131614)], trnI-GAU [complement(131752..132694)], ndhB [139213..139911]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1052.	DEEX	58	trnK-UUU [complement(1403..1437)], trnK-UUU [complement(4134..4170)], rps16 [complement(4676..4923)], rps16 [complement(5816..5855)], trnG-UCC [complement(9392..9422)], trnG-UCC [complement(10095..10153)], atpF [complement(12050..12459)], atpF [complement(13379..13523)], rpoC1 [complement(20992..22599)], rpoC1 [complement(23357..23809)], ycf3 [complement(42338..42490)], ycf3 [complement(43225..43454)], ycf3 [complement(44174..44297)], trnL-UAA [46953..46987], trnL-UAA [47775..47824], trnV-UAC [complement(50100..50136)], trnV-UAC [complement(50718..50756)], clpP [complement(69446..69697)], clpP [complement(70372..70663)], clpP [complement(71566..71636)], petB [75070..75075], petB [75805..76446], petD [76632..76639], petD [77497..77980], rpl16 [complement(81543..81941)], rpl16 [complement(83134..83142)], ndhB [complement(95730..96485)], ndhB [complement(97185..97961)], trnI-GAU [103679..103715], trnI-GAU [104659..104693], trnA-UGC [104758..104795], trnA-UGC [105603..105636], trnA-UGC [complement(130022..130055)], trnA-UGC [complement(130863..130900)], trnI-GAU [complement(130965..130999)], trnI-GAU [complement(131943..131979)], ndhB [137697..138473], ndhB [139173..139928]	trnK-UUU [complement(1438..4133)], rps16 [complement(4924..5815)], trnG-UCC [complement(9423..10094)], atpF [complement(12460..13378)], rpoC1 [complement(22600..23356)], ycf3 [complement(42491..43224)], ycf3 [complement(43455..44173)], trnL-UAA [46988..47774], trnV-UAC [complement(50137..50717)], clpP [complement(69698..70371)], clpP [complement(70664..71565)], petB [75076..75804], petD [76640..77496], rpl16 [complement(81942..83133)], ndhB [complement(96486..97184)], trnI-GAU [103716..104658], trnA-UGC [104796..105602], trnA-UGC [complement(130056..130862)], trnI-GAU [complement(131000..131942)], ndhB [138474..139172]
1053.	DEFA	58	trnK-UUU [complement(1405..1439)], trnK-UUU [complement(4229..4265)], rps16 [complement(4763..5010)], rps16 [complement(5903..5942)], trnG-UCC [complement(9485..9515)], trnG-UCC [complement(10187..10245)], atpF [complement(12140..12549)], atpF [complement(13474..13618)], rpoC1 [complement(21057..22664)], rpoC1 [complement(23427..23879)], ycf3 [complement(42703..42855)], ycf3 [complement(43601..43830)], ycf3 [complement(44550..44673)], trnL-UAA [47333..47367], trnL-UAA [48162..48211], trnV-UAC [complement(50546..50582)], trnV-UAC [complement(51163..51201)], clpP [complement(69946..70176)], clpP [complement(70850..71141)], clpP [complement(72097..72167)], petB [75691..75696], petB [76426..77067], petD [77253..77260], petD [78121..78604], rpl16 [complement(82168..82566)], rpl16 [complement(83758..83766)], ndhB [complement(96351..97106)], ndhB	trnK-UUU [complement(1440..4228)], rps16 [complement(5011..5902)], trnG-UCC [complement(9516..10186)], atpF [complement(12550..13473)], rpoC1 [complement(22665..23426)], ycf3 [complement(42856..43600)], ycf3 [complement(43831..44549)], trnL-UAA [47368..48161], trnV-UAC [complement(50583..51162)], clpP [complement(70177..70849)], clpP [complement(71142..72096)], petB [75697..76425], petD [77261..78120], rpl16 [complement(82567..83757)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97806..98582)], trnI-GAU [104295..104331], trnI-GAU [105276..105310], trnA-UGC [105375..105412], trnA-UGC [106214..106247], trnA-UGC [complement(130852..130885)], trnA-UGC [complement(131687..131724)], trnI-GAU [complement(131789..131823)], trnI-GAU [complement(132768..132804)], ndhB [138517..139293], ndhB [139993..140748]	[complement(97107..97805)], trnI-GAU [104332..105275], trnA-UGC [105413..106213], trnA-UGC [complement(130886..131686)], trnI-GAU [complement(131824..132767)], ndhB [139294..139992]
1054.	DEFE	58	trnK-UUU [complement(1427..1461)], trnK-UUU [complement(4270..4306)], rps16 [complement(4805..5052)], rps16 [complement(5943..5982)], trnG-UCC [complement(9551..9581)], trnG-UCC [complement(10253..10311)], atpF [complement(12197..12606)], atpF [complement(13534..13678)], rpoC1 [complement(21127..22734)], rpoC1 [complement(23496..23948)], ycf3 [complement(42754..42906)], ycf3 [complement(43641..43870)], ycf3 [complement(44591..44714)], trnL-UAA [47391..47425], trnL-UAA [48206..48255], trnV-UAC [complement(50576..50612)], trnV-UAC [complement(51194..51232)], clpP [complement(69979..70209)], clpP [complement(70881..71172)], clpP [complement(72128..72198)], petB [75737..75742], petB [76471..77112], petD [77298..77305], petD [78167..78650], rpl16 [complement(82226..82624)], rpl16 [complement(83819..83827)], ndhB [complement(96422..97177)], ndhB [complement(97877..98653)], trnI-GAU [104364..104400], trnI-GAU [105345..105379], trnA-UGC [105444..105481], trnA-UGC [106283..106316], trnA-UGC [complement(130966..130999)], trnA-UGC [complement(131801..131838)], trnI-GAU [complement(131903..131937)], trnI-GAU [complement(132882..132918)], ndhB [138629..139405], ndhB [140105..140860]	trnK-UUU [complement(1462..4269)], rps16 [complement(5053..5942)], trnG-UCC [complement(9582..10252)], atpF [complement(12607..13533)], rpoC1 [complement(22735..23495)], ycf3 [complement(42907..43640)], ycf3 [complement(43871..44590)], trnL-UAA [47426..48205], trnV-UAC [complement(50613..51193)], clpP [complement(70210..70880)], clpP [complement(71173..72127)], petB [75743..76470], petD [77306..78166], rpl16 [complement(82625..83818)], ndhB [complement(97178..97876)], trnI-GAU [104401..105344], trnA-UGC [105482..106282], trnA-UGC [complement(131000..131800)], trnI-GAU [complement(131938..132881)], ndhB [139406..140104]
1055.	DEFI	58	trnK-UUU [complement(1408..1442)], trnK-UUU [complement(4194..4230)], rps16 [complement(4708..4955)], rps16 [complement(5848..5887)], trnG-UCC [complement(9280..9310)], trnG-UCC [complement(9982..10040)], atpF [complement(11922..12331)], atpF [complement(13263..13407)], rpoC1 [complement(20851..22458)], rpoC1 [complement(23218..23670)], ycf3 [complement(42510..42662)], ycf3 [complement(43397..43626)], ycf3 [complement(44348..44471)], trnL-UAA [47124..47158], trnL-UAA	trnK-UUU [complement(1443..4193)], rps16 [complement(4956..5847)], trnG-UCC [complement(9311..9981)], atpF [complement(12332..13262)], rpoC1 [complement(22459..23217)], ycf3 [complement(42663..43396)], ycf3 [complement(43627..44347)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47960..48009], trnV-UAC [complement(50349..50385)], trnV-UAC [complement(50967..51005)], clpP [complement(69731..69961)], clpP [complement(70629..70920)], clpP [complement(71874..71944)], petB [75480..75485], petB [76218..76859], petD [77045..77052], petD [77912..78395], rpl16 [complement(81953..82351)], rpl16 [complement(83542..83550)], ndhB [complement(96120..96875)], ndhB [complement(97575..98351)], trnI-GAU [104061..104097], trnI-GAU [105042..105076], trnA-UGC [105141..105178], trnA-UGC [105980..106013], trnA-UGC [complement(130424..130457)], trnA-UGC [complement(131259..131296)], trnI-GAU [complement(131361..131395)], trnI-GAU [complement(132340..132376)], ndhB [138086..138862], ndhB [139562..140317]	[47159..47959], trnV-UAC [complement(50386..50966)], clpP [complement(69962..70628)], clpP [complement(70921..71873)], petB [75486..76217], petD [77053..77911], rpl16 [complement(82352..83541)], ndhB [complement(96876..97574)], trnI-GAU [104098..105041], trnA-UGC [105179..105979], trnA-UGC [complement(130458..131258)], trnI-GAU [complement(131396..132339)], ndhB [138863..139561]
1056.	DEFL	58	trnK-UUU [complement(1408..1442)], trnK-UUU [complement(4208..4244)], rps16 [complement(4742..4989)], rps16 [complement(5872..5911)], trnG-GCC [9473..9503], trnG-GCC [10175..10233], atpF [complement(12118..12527)], atpF [complement(13460..13604)], rpoC1 [complement(21042..22649)], rpoC1 [complement(23411..23863)], ycf3 [complement(42663..42815)], ycf3 [complement(43550..43779)], ycf3 [complement(44500..44623)], trnL-UAA [47280..47314], trnL-UAA [48116..48165], trnV-UAC [complement(50514..50550)], trnV-UAC [complement(51132..51170)], clpP [complement(69835..70065)], clpP [complement(70735..71026)], clpP [complement(71987..72057)], petB [75555..75560], petB [76290..76931], petD [77117..77124], petD [77984..78467], rpl16 [complement(82028..82426)], rpl16 [complement(83628..83636)], ndhB [complement(96232..96987)], ndhB [complement(97687..98463)], trnI-GAU [104165..104201], trnI-GAU [105146..105180], trnA-UGC [105245..105282], trnA-UGC [106084..106117], trnA-UGC [complement(130636..130669)], trnA-UGC [complement(131471..131508)], trnI-GAU [complement(131573..131607)], trnI-GAU [complement(132552..132588)], ndhB [138290..139066], ndhB [139766..140521]	trnK-UUU [complement(1443..4207)], rps16 [complement(4990..5871)], trnG-GCC [9504..10174], atpF [complement(12528..13459)], rpoC1 [complement(22650..23410)], ycf3 [complement(42816..43549)], ycf3 [complement(43780..44499)], trnL-UAA [47315..48115], trnV-UAC [complement(50551..51131)], clpP [complement(70066..70734)], clpP [complement(71027..71986)], petB [75561..76289], petD [77125..77983], rpl16 [complement(82427..83627)], ndhB [complement(96988..97686)], trnI-GAU [104202..105145], trnA-UGC [105283..106083], trnA-UGC [complement(130670..131470)], trnI-GAU [complement(131608..132551)], ndhB [139067..139765]
1057.	DEGR	58	trnK-UUU [complement(1411..1445)], trnK-UUU [complement(4251..4287)],	trnK-UUU [complement(1446..4250)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(4784..5031)], rps16 [complement(5925..5964)], trnG-GCC [9510..9540], trnG-GCC [10212..10270], atpF [complement(12156..12565)], atpF [complement(13492..13636)], rpoC1 [complement(21070..22677)], rpoC1 [complement(23437..23889)], ycf3 [complement(42666..42818)], ycf3 [complement(43553..43782)], ycf3 [complement(44504..44627)], trnL-UAA [47280..47314], trnL-UAA [48050..48099], trnV-UAC [complement(50434..50470)], trnV-UAC [complement(51052..51090)], clpP [complement(69838..70068)], clpP [complement(70735..71026)], clpP [complement(71974..72044)], petB [75598..75603], petB [76332..76973], petD [77159..77166], petD [78026..78509], rpl16 [complement(82062..82460)], rpl16 [complement(83658..83666)], ndhB [complement(96262..97017)], ndhB [complement(97717..98493)], trnI-GAU [104192..104228], trnI-GAU [105164..105198], trnA-UGC [105263..105300], trnA-UGC [106102..106135], trnA-UGC [complement(130585..130618)], trnA-UGC [complement(131420..131457)], trnI-GAU [complement(131522..131556)], trnI-GAU [complement(132492..132528)], ndhB [138227..139003], ndhB [139703..140458]	[complement(5032..5924)], trnG-GCC [9541..10211], atpF [complement(12566..13491)], rpoC1 [complement(22678..23436)], ycf3 [complement(42819..43552)], ycf3 [complement(43783..44503)], trnL-UAA [47315..48049], trnV-UAC [complement(50471..51051)], clpP [complement(70069..70734)], clpP [complement(71027..71973)], petB [75604..76331], petD [77167..78025], rpl16 [complement(82461..83657)], ndhB [complement(97018..97716)], trnI-GAU [104229..105163], trnA-UGC [105301..106101], trnA-UGC [complement(130619..131419)], trnI-GAU [complement(131557..132491)], ndhB [139004..139702]
1058.	DEHE	58	trnK-UUU [complement(1407..1441)], trnK-UUU [complement(4168..4204)], rps16 [complement(4701..4948)], rps16 [complement(5840..5879)], trnG-UCC [complement(9413..9443)], trnG-UCC [complement(10115..10173)], atpF [complement(12049..12458)], atpF [complement(13388..13532)], rpoC1 [complement(20971..22578)], rpoC1 [complement(23340..23792)], ycf3 [complement(42604..42756)], ycf3 [complement(43491..43720)], ycf3 [complement(44438..44561)], trnL-UAA [47201..47235], trnL-UAA [48049..48098], trnV-UAC [complement(50437..50473)], trnV-UAC [complement(51055..51093)], clpP [complement(69831..70061)], clpP [complement(70731..71021)], clpP [complement(71972..72040)], petB [75589..75594], petB [76324..76965], petD [77151..77158], petD [78017..78530], rpl16 [complement(82059..82457)], rpl16 [complement(83655..83663)], ndhB [complement(96243..96998)], ndhB [complement(97698..98474)], trnI-GAU [104185..104221], trnI-GAU	trnK-UUU [complement(1442..4167)], rps16 [complement(4949..5839)], trnG-UCC [complement(9444..10114)], atpF [complement(12459..13387)], rpoC1 [complement(22579..23339)], ycf3 [complement(42757..43490)], ycf3 [complement(43721..44437)], trnL-UAA [47236..48048], trnV-UAC [complement(50474..51054)], clpP [complement(70062..70730)], clpP [complement(71022..71971)], petB [75595..76323], petD [77159..78016], rpl16 [complement(82458..83654)], ndhB [complement(96999..97697)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105173..105207], trnA-UGC [105272..105309], trnA-UGC [106111..106144], trnA-UGC [complement(130585..130618)], trnA-UGC [complement(131420..131457)], trnI-GAU [complement(131522..131556)], trnI-GAU [complement(132508..132544)], ndhB [138255..139031], ndhB [139731..140486]	[104222..105172], trnA-UGC [105310..106110], trnA-UGC [complement(130619..131419)], trnI-GAU [complement(131557..132507)], ndhB [139032..139730]
1059.	DEHR	58	trnK-UUU [complement(1407..1441)], trnK-UUU [complement(4236..4272)], rps16 [complement(4770..5017)], rps16 [complement(5911..5950)], trnG-GCC [9498..9528], trnG-GCC [10193..10251], atpF [complement(12137..12546)], atpF [complement(13471..13615)], rpoC1 [complement(21043..22650)], rpoC1 [complement(23411..23863)], ycf3 [complement(42662..42814)], ycf3 [complement(43549..43778)], ycf3 [complement(44499..44622)], trnL-UAA [47263..47297], trnL-UAA [48098..48147], trnV-UAC [complement(50487..50523)], trnV-UAC [complement(51105..51143)], clpP [complement(69908..70138)], clpP [complement(70799..71090)], clpP [complement(72038..72108)], petB [75643..75648], petB [76377..77018], petD [77204..77211], petD [78071..78554], rpl16 [complement(82112..82510)], rpl16 [complement(83696..83704)], ndhB [complement(96294..97049)], ndhB [complement(97749..98525)], trnI-GAU [104235..104271], trnI-GAU [105217..105251], trnA-UGC [105316..105353], trnA-UGC [106155..106188], trnA-UGC [complement(130676..130709)], trnA-UGC [complement(131511..131548)], trnI-GAU [complement(131613..131647)], trnI-GAU [complement(132593..132629)], ndhB [138339..139115], ndhB [139815..140570]	trnK-UUU [complement(1442..4235)], rps16 [complement(5018..5910)], trnG-GCC [9529..10192], atpF [complement(12547..13470)], rpoC1 [complement(22651..23410)], ycf3 [complement(42815..43548)], ycf3 [complement(43779..44498)], trnL-UAA [47298..48097], trnV-UAC [complement(50524..51104)], clpP [complement(70139..70798)], clpP [complement(71091..72037)], petB [75649..76376], petD [77212..78070], rpl16 [complement(82511..83695)], ndhB [complement(97050..97748)], trnI-GAU [104272..105216], trnA-UGC [105354..106154], trnA-UGC [complement(130710..131510)], trnI-GAU [complement(131648..132592)], ndhB [139116..139814]
1060.	DEHT	64	rps12 [complement(96008..96265)], rps12 [complement(68098..68211)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4365..4401)], trnV-UAC [9697..9735], trnV-UAC [10319..10355], trnL-UAA [complement(13534..13583)], trnL-UAA [complement(14113..14149)], ycf3 [16740..16865], ycf3 [17549..17776], ycf3 [18546..18698], rpoC1 [37729..38160], rpoC1 [38950..40572], atpF [48429..48572], atpF [49290..49697], trnG-UCC [complement(51657..51705)], trnG-UCC [complement(52402..52424)], rps16 [54654..54693], rps16 [55581..55810],	trnK-UUU [complement(1750..4364)], trnV-UAC [9736..10318], trnL-UAA [complement(13584..14112)], ycf3 [16866..17548], ycf3 [17777..18545], rpoC1 [38161..38949], atpF [48573..49289], trnG-UCC [complement(51706..52401)], rps16 [54694..55580], clpP [complement(68632..69365)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [136399..136656], clpP [complement(68404..68631)], clpP [complement(69366..69657)], clpP [complement(70360..70430)], petB [73331..73336], petB [74147..74788], petD [74986..74993], petD [75709..76183], rpl16 [complement(79895..80293)], rpl16 [complement(81464..81472)], ndhB [complement(92948..93703)], ndhB [complement(94402..95124)], trnI-GAU [99864..99899], trnI-GAU [100859..100893], trnA-UGC [100958..100995], trnA-UGC [101800..101834], ndhA [complement(116352..116891)], ndhA [complement(118128..118679)], trnA-UGC [complement(130830..130864)], trnA-UGC [complement(131669..131706)], trnI-GAU [complement(131771..131805)], trnI-GAU [complement(132765..132800)], ndhB [137540..138262], ndhB [138961..139716]	[complement(69658..70359)], petB [73337..74146], petD [74994..75708], rpl16 [complement(80294..81463)], ndhB [complement(93704..94401)], trnI-GAU [99900..100858], trnA-UGC [100996..101799], ndhA [complement(116892..118127)], trnA-UGC [complement(130865..131668)], trnI-GAU [complement(131806..132764)], ndhB [138263..138960]
1061.	DEHU	69	rps12 [complement(99901..99926)], rps12 [complement(100474..100702)], rps12 [complement(69987..70124)], trnK-UUU [complement(1451..1485)], trnK-UUU [complement(4301..4337)], rps16 [complement(4845..5092)], rps16 [complement(5985..6024)], trnG-UCC [9637..9667], trnG-UCC [10339..10397], atpF [complement(12296..12705)], atpF [complement(13630..13774)], rpoC1 [complement(21243..22853)], rpoC1 [complement(23616..24068)], ycf3 [complement(42951..43103)], ycf3 [complement(43849..44078)], ycf3 [complement(44800..44923)], trnL-UAA [47586..47620], trnL-UAA [48421..48470], trnV-UAC [complement(50868..50904)], trnV-UAC [complement(51492..51530)], rps12 [137677..137905], rps12 [138453..138478], clpP [complement(70281..70511)], clpP [complement(71182..71473)], clpP [complement(72438..72508)], petB [76086..76091], petB [76824..77465], petD [77651..77658], petD [78521..79004], rpl16 [complement(82569..82967)], rpl16 [complement(84165..84173)], rpl2 [complement(86168..86598)], rpl2 [complement(87313..87697)], ndhB [complement(96820..97575)], ndhB [complement(98275..99051)], trnI-GAU [104916..104952], trnI-GAU [105897..105931], trnA-UGC [105996..106033], trnA-UGC [106835..106869], trnA-UGC [complement(131510..131544)], trnA-UGC [complement(132346..132383)], trnI-GAU [complement(132448..132482)],	trnK-UUU [complement(1486..4300)], rps16 [complement(5093..5984)], trnG-UCC [9668..10338], atpF [complement(12706..13629)], rpoC1 [complement(22854..23615)], ycf3 [complement(43104..43848)], ycf3 [complement(44079..44799)], trnL-UAA [47621..48420], trnV-UAC [complement(50905..51491)], clpP [complement(70512..71181)], clpP [complement(71474..72437)], petB [76092..76823], petD [77659..78520], rpl16 [complement(82968..84164)], rpl2 [complement(86599..87312)], ndhB [complement(97576..98274)], trnI-GAU [104953..105896], trnA-UGC [106034..106834], trnA-UGC [complement(131545..132345)], trnI-GAU [complement(132483..133426)], ndhB [140105..140803], rpl2 [151067..151780]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(133427..133463)], ndhB [139328..140104], ndhB [140804..141559], rpl2 [150682..151066], rpl2 [151781..152211]	
1062.	DEIN	73	rps12 [complement(100737..100762)], rps12 [complement(101299..101530)], rps12 [complement(72488..72601)], trnK-UUU [complement(1945..1979)], trnK-UUU [complement(4467..4503)], rps16 [complement(5476..5702)], rps16 [complement(6559..6598)], trnG-UCC [9629..9651], trnG-UCC [10393..10439], atpF [complement(12377..12447)], atpF [complement(13532..13676)], rpoC1 [complement(21374..22987)], rpoC1 [complement(23738..24169)], ycf3 [complement(44742..44894)], ycf3 [complement(45640..45869)], ycf3 [complement(46593..46716)], trnL-UAA [49852..49886], trnL-UAA [50390..50439], trnV-UAC [complement(53547..53581)], trnV-UAC [complement(54174..54212)], rps12 [complement(72488..72601)], rps12 [144341..144572], rps12 [145109..145134], clpP [complement(72789..73035)], clpP [complement(73685..73975)], clpP [complement(74786..74856)], petB [77727..77732], petB [78544..79185], petD [79399..79406], petD [80113..80614], rpl16 [complement(84112..84510)], rpl16 [complement(85579..85587)], rpl2 [complement(87351..87784)], rpl2 [complement(88449..88839)], ndhB [complement(97664..98419)], ndhB [complement(99116..99892)], trnI-GAU [105501..105537], trnI-GAU [106477..106511], trnA-UGC [106576..106613], trnA-UGC [107414..107448], ndhA [complement(123773..124311)], ndhA [complement(125458..126010)], trnA-UGC [complement(138423..138457)], trnA-UGC [complement(139258..139295)], trnI-GAU [complement(139360..139394)], trnI-GAU [complement(140334..140370)], ndhB [145979..146755], ndhB [147452..148207], rpl2 [157032..157422], rpl2 [158087..158520]	trnK-UUU [complement(1980..4466)], rps16 [complement(5703..6558)], trnG-UCC [9652..10392], atpF [complement(12448..13531)], rpoC1 [complement(22988..23737)], ycf3 [complement(44895..45639)], ycf3 [complement(45870..46592)], trnL-UAA [49887..50389], trnV-UAC [complement(53582..54173)], clpP [complement(73036..73684)], clpP [complement(73976..74785)], petB [77733..78543], petD [79407..80112], rpl16 [complement(84511..85578)], rpl2 [complement(87785..88448)], ndhB [complement(98420..99115)], trnI-GAU [105538..106476], trnA-UGC [106614..107413], ndhA [complement(124312..125457)], trnA-UGC [complement(138458..139257)], trnI-GAU [complement(139395..140333)], ndhB [146756..147451], rpl2 [157423..158086]
1063.	DEJE	58	trnK-UUU [complement(1418..1452)], trnK-UUU [complement(4202..4238)], rps16 [complement(4743..4990)], rps16 [complement(5890..5929)], trnG-UCC [complement(9464..9494)], trnG-UCC [complement(10166..10224)], atpF [complement(12111..12520)], atpF [complement(13459..13603)], rpoC1 [complement(21037..22644)], rpoC1 [complement(23408..23860)], ycf3 [complement(42628..42780)], ycf3 [complement(43516..43745)], ycf3	trnK-UUU [complement(1453..4201)], rps16 [complement(4991..5889)], trnG-UCC [complement(9495..10165)], atpF [complement(12521..13458)], rpoC1 [complement(22645..23407)], ycf3 [complement(42781..43515)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44466..44589)], trnL-UAA [47194..47228], trnL-UAA [48037..48086], trnV-UAC [complement(50369..50405)], trnV-UAC [complement(50987..51025)], clpP [complement(69768..69998)], clpP [complement(70663..70954)], clpP [complement(71891..71961)], petB [75448..75453], petB [76184..76825], petD [77011..77018], petD [77854..78337], rpl16 [complement(81910..82308)], rpl16 [complement(83506..83514)], ndhB [complement(96090..96845)], ndhB [complement(97545..98321)], trnI-GAU [104033..104069], trnI-GAU [105013..105047], trnA-UGC [105112..105149], trnA-UGC [105951..105984], trnA-UGC [complement(130468..130501)], trnA-UGC [complement(131303..131340)], trnI-GAU [complement(131405..131439)], trnI-GAU [complement(132383..132419)], ndhB [138131..138907], ndhB [139607..140362]	[complement(43746..44465)], trnL-UAA [47229..48036], trnV-UAC [complement(50406..50986)], clpP [complement(69999..70662)], clpP [complement(70955..71890)], petB [75454..76183], petD [77019..77853], rpl16 [complement(82309..83505)], ndhB [complement(96846..97544)], trnI-GAU [104070..105012], trnA-UGC [105150..105950], trnA-UGC [complement(130502..131302)], trnI-GAU [complement(131440..132382)], ndhB [138908..139606]
1064.	DEJO	67	rps12 [complement(97026..97268)], rps12 [complement(68918..69034)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4413..4449)], rps16 [complement(5267..5492)], rps16 [complement(6339..6376)], rpoC1 [16334..16786], rpoC1 [17514..19151], atpF [27031..27188], atpF [27850..28288], trnG-UCC [complement(30296..30342)], trnG-UCC [complement(31079..31091)], ycf3 [complement(42275..42427)], ycf3 [complement(43168..43395)], ycf3 [complement(44093..44218)], trnL-UAA [47131..47167], trnL-UAA [47603..47652], trnV-UAC [complement(51206..51242)], trnV-UAC [complement(51817..51854)], rps12 [136809..137051], clpP [complement(69190..69418)], clpP [complement(70040..70330)], clpP [complement(71154..71221)], petB [74145..74150], petB [74922..75563], petD [75759..75768], petD [76485..76957], rpl2 [complement(83564..83998)], rpl2 [complement(84666..85058)], ndhB [complement(93462..94217)], ndhB [complement(94889..95665)], trnI-GAU [101186..101227], trnI-GAU [102000..102034], trnA-UGC [102099..102136], trnA-UGC [102834..102868], ndhA [114430..114991], ndhA [116071..116612], trnA-UGC [complement(131209..131243)], trnA-UGC [complement(131941..131978)], trnI-GAU [complement(132043..132077)], trnI-GAU	trnK-UUU [complement(1859..4412)], rps16 [complement(5493..6338)], rpoC1 [16787..17513], atpF [27189..27849], trnG-UCC [complement(30343..31078)], ycf3 [complement(42428..43167)], ycf3 [complement(43396..44092)], trnL-UAA [47168..47602], trnV-UAC [complement(51243..51816)], clpP [complement(69419..70039)], clpP [complement(70331..71153)], petB [74151..74921], petD [75769..76484], rpl2 [complement(83999..84665)], ndhB [complement(94218..94888)], trnI-GAU [101228..101999], trnA-UGC [102137..102833], ndhA [114992..116070], trnA-UGC [complement(131244..131940)], trnI-GAU [complement(132078..132849)], ndhB [139189..139859], rpl2 [149412..150078]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(132850..132891)], ndhB [138412..139188], ndhB [139860..140615], rpl2 [149019..149411], rpl2 [150079..150513]	
1065.	DEKE	64	rps12 [complement(96960..97202)], rps12 [complement(68853..68966)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4412..4448)], rps16 [complement(5265..5490)], rps16 [complement(6338..6375)], rpoC1 [16327..16778], rpoC1 [17509..19147], atpF [27028..27185], atpF [27847..28285], trnG-UCC [complement(30293..30338)], trnG-UCC [complement(31065..31087)], ycf3 [complement(42264..42416)], ycf3 [complement(43157..43384)], ycf3 [complement(44082..44207)], trnL-UAA [47057..47093], trnL-UAA [47529..47578], trnV-UAC [complement(51137..51173)], trnV-UAC [complement(51748..51785)], rps12 [136750..136992], clpP [complement(69122..69350)], clpP [complement(69974..70264)], clpP [complement(71087..71154)], petB [74080..74085], petB [74850..75497], rpl2 [complement(83498..83932)], rpl2 [complement(84600..84992)], ndhB [complement(93396..94151)], ndhB [complement(94823..95599)], trnI-GAU [101115..101156], trnI-GAU [101929..101963], trnA [102028..102065], trnA [102763..102797], ndhA [114365..114928], ndhA [116012..116551], trnA-UGC [complement(131155..131189)], trnA-UGC [complement(131887..131924)], trnI-GAU [complement(131989..132023)], trnI-GAU [complement(132796..132837)], ndhB [138353..139129], ndhB [139801..140556], rpl2 [148960..149352], rpl2 [150020..150454]	trnK-UUU [complement(1859..4411)], rps16 [complement(5491..6337)], rpoC1 [16779..17508], atpF [27186..27846], trnG-UCC [complement(30339..31064)], ycf3 [complement(42417..43156)], ycf3 [complement(43385..44081)], trnL-UAA [47094..47528], trnV-UAC [complement(51174..51747)], clpP [complement(69351..69973)], clpP [complement(70265..71086)], petB [74086..74849], rpl2 [complement(83933..84599)], ndhB [complement(94152..94822)], trnI-GAU [101157..101928], trnA [102066..102762], ndhA [114929..116011], trnA-UGC [complement(131190..131886)], trnI-GAU [complement(132024..132795)], ndhB [139130..139800], rpl2 [149353..150019]
1066.	DEKI	67	rps12 [complement(97012..97254)], rps12 [complement(68904..69020)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4413..4449)], rps16 [complement(5267..5492)], rps16 [complement(6339..6376)], rpoC1 [16334..16786], rpoC1 [17514..19151], atpF [27031..27188], atpF [27850..28288], trnG-UCC [complement(30296..30342)], trnG-UCC [complement(31079..31091)], ycf3 [complement(42274..42426)], ycf3 [complement(43167..43394)], ycf3 [complement(44092..44217)], trnL-UAA [47144..47150], trnL-UAA [47586..47635], trnV-UAC [complement(51189..51225)], trnV-UAC [complement(51800..51837)], rps12 [136795..137037], clpP [complement(69176..69404)], clpP	trnK-UUU [complement(1859..4412)], rps16 [complement(5493..6338)], rpoC1 [16787..17513], atpF [27189..27849], trnG-UCC [complement(30343..31078)], ycf3 [complement(42427..43166)], ycf3 [complement(43395..44091)], trnL-UAA [47151..47585], trnV-UAC [complement(51226..51799)], clpP [complement(69405..70025)], clpP [complement(70317..71139)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(70026..70316)], clpP [complement(71140..71207)], petB [74131..74137], petB [74912..75549], petD [75745..75753], petD [76470..76943], rpl2 [complement(83550..83984)], rpl2 [complement(84652..85044)], ndhB [complement(93448..94203)], ndhB [complement(94875..95651)], trnI-GAU [101172..101213], trnI-GAU [101986..102020], trnA-UGC [102085..102122], trnA-UGC [102820..102854], ndhA [114416..114977], ndhA [116057..116598], trnA-UGC [complement(131195..131229)], trnA-UGC [complement(131927..131964)], trnI-GAU [complement(132029..132063)], trnI-GAU [complement(132836..132877)], ndhB [138398..139174], ndhB [139846..140601], rpl2 [149005..149397], rpl2 [150065..150499]	[74138..74911], petD [75754..76469], rpl2 [complement(83985..84651)], ndhB [complement(94204..94874)], trnI-GAU [101214..101985], trnA-UGC [102123..102819], ndhA [114978..116056], trnA-UGC [complement(131230..131926)], trnI-GAU [complement(132064..132835)], ndhB [139175..139845], rpl2 [149398..150064]
1067.	DEKN	64	rps12 [complement(96973..97215)], rps12 [complement(68867..68980)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4419..4455)], rps16 [complement(5272..5497)], rps16 [complement(6343..6380)], rpoC1 [16330..16781], rpoC1 [17517..19155], atpF [27035..27192], atpF [27855..28293], trnG-UCC [complement(30298..30344)], trnG-UCC [complement(31071..31093)], ycf3 [complement(42266..42418)], ycf3 [complement(43159..43386)], ycf3 [complement(44084..44209)], trnL-UAA [47071..47107], trnL-UAA [47543..47592], trnV-UAC [complement(51152..51188)], trnV-UAC [complement(51763..51800)], rps12 [136759..137001], clpP [complement(69136..69364)], clpP [complement(69987..70277)], clpP [complement(71099..71166)], petB [74094..74099], petB [74864..75511], rpl2 [complement(83513..83947)], rpl2 [complement(84615..85007)], ndhB [complement(93409..94164)], ndhB [complement(94836..95612)], trnI-GAU [101134..101175], trnI-GAU [101948..101982], trnA [102047..102084], trnA [102782..102816], ndhA [114378..114939], ndhA [116020..116561], trnA [complement(131158..131192)], trnA [complement(131890..131927)], trnI-GAU [complement(131992..132026)], trnI-GAU [complement(132804..132840)], ndhB [138362..139138], ndhB [139810..140565], rpl2 [148967..149359], rpl2 [150027..150461]	trnK-UUU [complement(1858..4418)], rps16 [complement(5498..6342)], rpoC1 [16782..17516], atpF [27193..27854], trnG-UCC [complement(30345..31070)], ycf3 [complement(42419..43158)], ycf3 [complement(43387..44083)], trnL-UAA [47108..47542], trnV-UAC [complement(51189..51762)], clpP [complement(69365..69986)], clpP [complement(70278..71098)], petB [74100..74863], rpl2 [complement(83948..84614)], ndhB [complement(94165..94835)], trnI-GAU [101176..101947], trnA [102085..102781], ndhA [114940..116019], trnA [complement(131193..131889)], trnI-GAU [complement(132027..132803)], ndhB [139139..139809], rpl2 [149360..150026]
1068.	DELA	56	rps12 [complement(91803..91831)], rps12 [complement(92371..92602)],	trnK-UUU [complement(1426..3930)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(69742..69855)], trnK-UUU [complement(1393..1425)], trnK-UUU [complement(3931..3968)], rps16 [complement(4526..4743)], rps16 [complement(5590..5629)], trnG-UCC [complement(13172..13219)], trnG-UCC [complement(13893..13915)], atpF [34935..35093], atpF [35931..36338], ycf3 [complement(44098..44256)], ycf3 [complement(44982..45209)], ycf3 [complement(45942..46073)], trnL-UAA [48822..48856], trnL-UAA [49396..49445], trnV-UAC [complement(53029..53065)], trnV-UAC [complement(53660..53698)], rpl16 [complement(80086..80496)], rpl16 [complement(81586..81594)], rpl2 [complement(83581..84012)], rpl2 [complement(84672..85064)], ndhB [complement(88730..89485)], ndhB [complement(90198..90974)], trnI-GAU [96426..96467], trnI-GAU [97414..97448], trnA-UGC [97514..97551], trnA-UGC [98363..98397], ndhA [complement(114539..115078)], ndhA [complement(116105..116653)], trnA-UGC [complement(124008..124042)], trnA-UGC [complement(124854..124891)], trnI-GAU [complement(124957..124991)], trnI-GAU [complement(125938..125979)], ndhB [131431..132207], ndhB [132920..133675], rpl2 [137341..137733], rpl2 [138393..138824]	[complement(4744..5589)], trnG-UCC [complement(13220..13892)], atpF [35094..35930], ycf3 [complement(44257..44981)], ycf3 [complement(45210..45941)], trnL-UAA [48857..49395], trnV-UAC [complement(53066..53659)], rpl16 [complement(80497..81585)], rpl2 [complement(84013..84671)], ndhB [complement(89486..90197)], trnI-GAU [96468..97413], trnA-UGC [97552..98362], ndhA [complement(115079..116104)], trnA-UGC [complement(124043..124853)], trnI-GAU [complement(124992..125937)], ndhB [132208..132919], rpl2 [137734..138392]
1069.	DELD	53	trnK-UUU [complement(1435..1469)], trnK-UUU [complement(3954..3990)], rps16 [complement(4489..4736)], rps16 [complement(5627..5666)], trnG-UCC [complement(9227..9257)], trnG-UCC [complement(9929..9987)], atpF [complement(11933..12342)], atpF [complement(13294..13438)], rpoC1 [complement(20872..22479)], rpoC1 [complement(23241..23693)], trnL-UAA [47027..47061], trnL-UAA [47855..47904], trnV-UAC [complement(49867..49903)], trnV-UAC [complement(50485..50523)], clpP [complement(69058..69288)], clpP [complement(69958..70249)], clpP [complement(71211..71281)], petB [74845..74850], petB [75579..76220], petD [76415..76422], petD [77281..77764], rpl16 [complement(81299..81697)], rpl16 [complement(82859..82867)], ndhB [complement(95430..96185)], ndhB [complement(96885..97661)], trnI-GAU [103321..103357], trnI-GAU [104302..104336], trnA-UGC [104401..104438], trnA-UGC [105240..105273], trnA-UGC [complement(131310..131343)], trnA-UGC [complement(132145..132182)], trnI-GAU [complement(132247..132281)],	trnK-UUU [complement(1470..3953)], rps16 [complement(4737..5626)], trnG-UCC [complement(9258..9928)], atpF [complement(12343..13293)], rpoC1 [complement(22480..23240)], trnL-UAA [47062..47854], trnV-UAC [complement(49904..50484)], clpP [complement(69289..69957)], clpP [complement(70250..71210)], petB [74851..75578], petD [76423..77280], rpl16 [complement(81698..82858)], ndhB [complement(96186..96884)], trnI-GAU [103358..104301], trnA-UGC [104439..105239], trnA-UGC [complement(131344..132144)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(133226..133262)], ndhB [138922..139698], ndhB [140398..141153]	[complement(132282..133225)], ndhB [139699..140397]
1070.	DELO	58	trnK-UUU [complement(1407..1441)], trnK-UUU [complement(4186..4222)], rps16 [complement(4719..4966)], rps16 [complement(5858..5897)], trnG-UCC [complement(9437..9467)], trnG-UCC [complement(10139..10197)], atpF [complement(12074..12483)], atpF [complement(13410..13554)], rpoC1 [complement(20988..22595)], rpoC1 [complement(23360..23812)], ycf3 [complement(42626..42778)], ycf3 [complement(43513..43742)], ycf3 [complement(44460..44583)], trnL-UAA [47221..47255], trnL-UAA [48051..48100], trnV-UAC [complement(50445..50481)], trnV-UAC [complement(51063..51101)], clpP [complement(69842..70072)], clpP [complement(70741..71031)], clpP [complement(71980..72048)], petB [75577..75582], petB [76312..76953], petD [77139..77146], petD [78010..78493], rpl16 [complement(82053..82451)], rpl16 [complement(83648..83656)], ndhB [complement(96241..96996)], ndhB [complement(97696..98472)], trnI-GAU [104179..104215], trnI-GAU [105160..105194], trnA-UGC [105259..105296], trnA-UGC [106098..106131], trnA-UGC [complement(130558..130591)], trnA-UGC [complement(131393..131430)], trnI-GAU [complement(131495..131529)], trnI-GAU [complement(132474..132510)], ndhB [138217..138993], ndhB [139693..140448]	trnK-UUU [complement(1442..4185)], rps16 [complement(4967..5857)], trnG-UCC [complement(9468..10138)], atpF [complement(12484..13409)], rpoC1 [complement(22596..23359)], ycf3 [complement(42779..43512)], ycf3 [complement(43743..44459)], trnL-UAA [47256..48050], trnV-UAC [complement(50482..51062)], clpP [complement(70073..70740)], clpP [complement(71032..71979)], petB [75583..76311], petD [77147..78009], rpl16 [complement(82452..83647)], ndhB [complement(96997..97695)], trnI-GAU [104216..105159], trnA-UGC [105297..106097], trnA-UGC [complement(130592..131392)], trnI-GAU [complement(131530..132473)], ndhB [138994..139692]
1071.	DEME	67	rps12 [complement(97005..97247)], rps12 [complement(68899..69012)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4414..4450)], rps16 [complement(5268..5493)], rps16 [complement(6341..6378)], rpoC1 [16341..16795], rpoC1 [17592..19158], atpF [27038..27195], atpF [27857..28295], trnG-UCC [complement(30301..30347)], trnG-UCC [complement(31074..31096)], ycf3 [complement(42279..42431)], ycf3 [complement(43172..43399)], ycf3 [complement(44097..44222)], trnL-UAA [47105..47141], trnL-UAA [47577..47626], trnV-UAC [complement(51185..51221)], trnV-UAC [complement(51796..51833)], rps12 [136789..137031], clpP [complement(69168..69396)], clpP [complement(70018..70308)], clpP [complement(71132..71199)], petB	trnK-UUU [complement(1859..4413)], rps16 [complement(5494..6340)], rpoC1 [16796..17591], atpF [27196..27856], trnG-UCC [complement(30348..31073)], ycf3 [complement(42432..43171)], ycf3 [complement(43400..44096)], trnL-UAA [47142..47576], trnV-UAC [complement(51222..51795)], clpP [complement(69397..70017)], clpP [complement(70309..71131)], petB [74129..74900], petD [75746..76458], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74123..74128], petB [74901..75542], petD [75738..75745], petD [76459..76936], rpl2 [complement(83543..83977)], rpl2 [complement(84645..85037)], ndhB [complement(93441..94196)], ndhB [complement(94868..95644)], trnI-GAU [101195..101236], trnI-GAU [101979..102013], trnA-UGC [102078..102115], trnA-UGC [102813..102847], ndhA [114409..114970], ndhA [116050..116591], trnA-UGC [complement(131189..131223)], trnA-UGC [complement(131921..131958)], trnI-GAU [complement(132023..132057)], trnI-GAU [complement(132830..132871)], ndhB [138392..139168], ndhB [139840..140595], rpl2 [148999..149391], rpl2 [150059..150493]	[complement(83978..84644)], ndhB [complement(94197..94867)], trnI-GAU [101237..101978], trnA-UGC [102116..102812], ndhA [114971..116049], trnA-UGC [complement(131224..131920)], trnI-GAU [complement(132058..132829)], ndhB [139169..139839], rpl2 [149392..150058]
1072.	DEM N	64	trnK-UUU [complement(1425..1459)], trnK-UUU [complement(4250..4286)], rps16 [complement(4744..4991)], rps16 [complement(5884..5923)], trnG-GCC [9412..9442], trnG-GCC [10114..10172], atpF [complement(11955..12364)], atpF [complement(13312..13456)], rpoC1 [complement(20892..22499)], rpoC1 [complement(23264..23716)], ycf3 [complement(42890..43042)], ycf3 [complement(43788..44017)], ycf3 [complement(44739..44862)], trnL-UAA [47514..47548], trnL-UAA [48350..48399], trnV-UAC [complement(50702..50738)], trnV-UAC [complement(51320..51358)], clpP [complement(70070..70300)], clpP [complement(70972..71263)], clpP [complement(72243..72313)], petB [75600..75605], petB [76334..76975], psbD [77161..77168], psbD [78032..78515], rpl16 [complement(82078..82476)], rpl16 [complement(83647..83655)], rpl2 [complement(85633..86063)], rpl2 [complement(86727..87054)], ndhB [complement(96228..96983)], ndhB [complement(97683..98459)], trnI-GAU [104139..104175], trnI-GAU [105120..105154], trnA-UGC [105219..105256], trnA-UGC [106058..106091], trnA-UGC [complement(127555..127588)], trnA-UGC [complement(128390..128427)], trnI-GAU [complement(128492..128526)], trnI-GAU [complement(129471..129507)], ndhB [135187..135963], ndhB [136663..137418], rpl2 [146592..146919], rpl2 [147583..148013]	trnK-UUU [complement(1460..4249)], rps16 [complement(4992..5883)], trnG-GCC [9443..10113], atpF [complement(12365..13311)], rpoC1 [complement(22500..23263)], ycf3 [complement(43043..43787)], ycf3 [complement(44018..44738)], trnL-UAA [47549..48349], trnV-UAC [complement(50739..51319)], clpP [complement(70301..70971)], clpP [complement(71264..72242)], petB [75606..76333], psbD [77169..78031], rpl16 [complement(82477..83646)], rpl2 [complement(86064..86726)], ndhB [complement(96984..97682)], trnI-GAU [104176..105119], trnA-UGC [105257..106057], trnA-UGC [complement(127589..128389)], trnI-GAU [complement(128527..129470)], ndhB [135964..136662], rpl2 [146920..147582]
1073.	DEM O	70	rps12 [complement(99374..99399)], rps12 [complement(99936..100167)], rps12 [complement(72034..72147)], trnK-UUU [complement(1756..1790)],	trnK-UUU [complement(1791..4305)], rps16 [complement(5410..6294)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4306..4342)], rps16 [complement(5213..5409)], rps16 [complement(6295..6334)], trnG-UCC [10162..10184], trnG-UCC [10882..10929], atpF [complement(12849..13258)], atpF [complement(13985..14129)], rpoC1 [complement(22104..23720)], rpoC1 [complement(24493..24945)], ycf3 [complement(44735..44887)], ycf3 [complement(45641..45870)], ycf3 [complement(46587..46710)], trnL-UAA [49730..49764], trnL-UAA [50272..50320], trnV-UAC [complement(53814..53848)], trnV-UAC [complement(54438..54476)], clpP [complement(72315..72542)], clpP [complement(73189..73480)], clpP [complement(74250..74320)], petB [77269..77274], petB [78002..78643], petD [78823..78830], petD [79585..80059], rpl16 [complement(83536..83934)], rpl16 [complement(84887..84895)], rpl2 [complement(86594..87027)], rpl2 [complement(87688..88078)], ndhB [complement(96344..97099)], ndhB [complement(97779..98555)], trnI-GAU [104081..104117], trnI-GAU [105062..105096], trnA-UGC [105161..105198], trnA-UGC [106005..106039], ndhA [complement(122239..122777)], ndhA [complement(123842..124394)], trnA-UGC [complement(136803..136837)], trnA-UGC [complement(137644..137681)], trnI-GAU [complement(137746..137780)], trnI-GAU [complement(138725..138761)], ndhB [144287..145063], ndhB [145743..146498], rpl2 [154764..155154], rpl2 [155815..156248]	[10185..10881], atpF [complement(13259..13984)], rpoC1 [complement(23721..24492)], ycf3 [complement(44888..45640)], ycf3 [complement(45871..46586)], trnL-UAA [49765..50271], trnV-UAC [complement(53849..54437)], clpP [complement(72543..73188)], clpP [complement(73481..74249)], petB [77275..78001], petD [78831..79584], rpl16 [complement(83935..84886)], rpl2 [complement(87028..87687)], ndhB [complement(97100..97778)], trnI-GAU [104118..105061], trnA-UGC [105199..106004], ndhA [complement(122778..123841)], trnA-UGC [complement(136838..137643)], trnI-GAU [complement(137781..138724)], ndhB [145064..145742], rpl2 [155155..155814]
1074.	DENO	73	rps12 [complement(99341..99366)], rps12 [complement(99914..100142)], rps12 [complement(69251..69388)], rps12 [complement(140655..140680)], rps12 [complement(141228..141456)], rps12 [complement(69251..69388)], psbA [complement(152857..153660)], psbA [complement(1..258)], trnK-UUU [complement(507..541)], trnK-UUU [complement(3368..3404)], rps16 [complement(3902..4149)], rps16 [complement(5042..5081)], trnG-UCC [8784..8814], trnG-UCC [9486..9544], atpF [complement(11432..11841)], atpF [complement(12781..12925)], rpoC1 [complement(20371..21978)], rpoC1 [complement(22740..23192)], ycf3 [complement(42096..42248)], ycf3 [complement(42994..43223)], ycf3 [complement(43945..44068)], trnL-UAA [46818..46852], trnL-UAA [47646..47695], trnV-UAC [complement(50131..50167)], trnV-UAC [complement(50757..50795)], clpP	psbA [complement(153661..0)], trnK-UUU [complement(542..3367)], rps16 [complement(4150..5041)], trnG-UCC [8815..9485], atpF [complement(11842..12780)], rpoC1 [complement(21979..22739)], ycf3 [complement(42249..42993)], ycf3 [complement(43224..43944)], trnL-UAA [46853..47645], trnV-UAC [complement(50168..50756)], clpP [complement(69778..70459)], clpP [complement(70752..71777)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(69547..69777)], clpP [complement(70460..70751)], clpP [complement(71778..71848)], petB [75398..75403], petB [76132..76773], petD [76959..76966], petD [77829..78324], rpl16 [complement(81880..82278)], rpl16 [complement(83478..83486)], rpl2 [complement(85502..85932)], rpl2 [complement(86673..87057)], ndhB [complement(96258..97013)], ndhB [complement(97713..98489)], trnI-GAU [104334..104370], trnI-GAU [105315..105349], trnA-UGC [105414..105451], trnA-UGC [106253..106287], rpl2 [complement(126816..127246)], rpl2 [complement(127987..128371)], ndhB [complement(137572..138327)], ndhB [complement(139027..139803)], trnI-GAU [145648..145684], trnI-GAU [146629..146663], trnA-UGC [146728..146765], trnA-UGC [147567..147601]	[75404..76131], petD [76967..77828], rpl16 [complement(82279..83477)], rpl2 [complement(85933..86672)], ndhB [complement(97014..97712)], trnI-GAU [104371..105314], trnA-UGC [105452..106252], rpl2 [complement(127247..127986)], ndhB [complement(138328..139026)], trnI-GAU [145685..146628], trnA-UGC [146766..147566]
1075.	DEOF	69	rps12 [complement(99567..99592)], rps12 [complement(100140..100371)], rps12 [complement(69781..69894)], trnK-UUU [complement(1409..1443)], trnK-UUU [complement(4248..4284)], rps16 [complement(4782..5029)], rps16 [complement(5921..5960)], trnG-UCC [9529..9559], trnG-UCC [10231..10289], atpF [complement(12177..12586)], atpF [complement(13513..13657)], rpoC1 [complement(21105..22712)], rpoC1 [complement(23474..23926)], ycf3 [complement(42771..42923)], ycf3 [complement(43658..43887)], ycf3 [complement(44609..44732)], trnL-UAA [47393..47427], trnL-UAA [48226..48275], trnV-UAC [complement(50607..50643)], trnV-UAC [complement(51225..51263)], rps12 [136960..137191], rps12 [137739..137764], clpP [complement(70049..70279)], clpP [complement(70952..71243)], clpP [complement(72199..72269)], petB [75818..75823], petB [76551..77192], petD [77378..77385], petD [78248..78731], rpl16 [complement(82295..82693)], rpl16 [complement(83889..83897)], rpl2 [complement(85875..86305)], rpl2 [complement(86993..87383)], ndhB [complement(96486..97241)], ndhB [complement(97941..98717)], trnI-GAU [104418..104454], trnI-GAU [105399..105433], trnA-UGC [105498..105535], trnA-UGC [106337..106371], trnA-UGC [complement(130960..130994)], trnA-UGC [complement(131796..131833)], trnI-GAU [complement(131898..131932)], trnI-GAU [complement(132877..132913)], ndhB [138614..139390], ndhB	trnK-UUU [complement(1444..4247)], rps16 [complement(5030..5920)], trnG-UCC [9560..10230], atpF [complement(12587..13512)], rpoC1 [complement(22713..23473)], ycf3 [complement(42924..43657)], ycf3 [complement(43888..44608)], trnL-UAA [47428..48225], trnV-UAC [complement(50644..51224)], clpP [complement(70280..70951)], clpP [complement(71244..72198)], petB [75824..76550], petD [77386..78247], rpl16 [complement(82694..83888)], rpl2 [complement(86306..86992)], ndhB [complement(97242..97940)], trnI-GAU [104455..105398], trnA-UGC [105536..106336], trnA-UGC [complement(130995..131795)], trnI-GAU [complement(131933..132876)], ndhB [139391..140089], rpl2 [150339..151025]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140090..140845], rpl2 [149948..150338], rpl2 [151026..151456]	
1076.	DEOR	70	trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4376..4412)], rps16 [complement(5467..5694)], rps16 [complement(6629..6670)], trnG-UCC [9812..9834], trnG-UCC [10526..10573], atpF [complement(12701..13111)], atpF [complement(13897..14040)], rpoC1 [complement(22222..23838)], rpoC1 [complement(24667..25098)], ycf3 [complement(45076..45228)], ycf3 [complement(46012..46239)], ycf3 [complement(47082..47213)], trnL-UAA [50551..50585], trnL-UAA [51153..51202], trnV-UAC [complement(54428..54462)], trnV-UAC [complement(55055..55093)], rps12 [73788..73901], rps12 [146005..146236], rps12 [146773..146798], clpP [complement(74062..74289)], clpP [complement(74953..75246)], clpP [complement(76254..76322)], petB [79246..79251], petB [80049..80690], petD [80892..80900], petD [81639..82112], rpl16 [complement(85481..85879)], rpl16 [complement(86904..86912)], rpl2 [complement(88668..89102)], rpl2 [complement(89788..90177)], ndhB [complement(98927..99682)], ndhB [complement(100368..101144)], trnI-GAU [106512..106548], trnI-GAU [107496..107530], trnA-UGC [107595..107632], trnA-UGC [108432..108466], ndhA [complement(125499..126038)], ndhA [complement(127221..127772)], trnA-UGC [complement(140324..140364)], trnA-UGC [complement(141158..141195)], trnI [complement(141260..141294)], trnI [complement(142242..142278)], ndhB [147646..148422], ndhB [149108..149863], rpl2 [158613..159002], rpl2 [159688..160122]	trnK-UUU [complement(1775..4375)], rps16 [complement(5695..6628)], trnG-UCC [9835..10525], atpF [complement(13112..13896)], rpoC1 [complement(23839..24666)], ycf3 [complement(45229..46011)], ycf3 [complement(46240..47081)], trnL-UAA [50586..51152], trnV-UAC [complement(54463..55054)], clpP [complement(74290..74952)], clpP [complement(75247..76253)], petB [79252..80048], petD [80901..81638], rpl16 [complement(85880..86903)], rpl2 [complement(89103..89787)], ndhB [complement(99683..100367)], trnI-GAU [106549..107495], trnA-UGC [107633..108431], ndhA [complement(126039..127220)], trnA-UGC [complement(140365..141157)], trnI [complement(141295..142241)], ndhB [148423..149107], rpl2 [159003..159687]
1077.	DEPA	58	trnK-UUU [complement(1416..1450)], trnK-UUU [complement(4251..4287)], rps16 [complement(4784..5031)], rps16 [complement(5919..5958)], trnG-UCC [complement(9519..9549)], trnG-UCC [complement(10221..10279)], atpF [complement(12159..12568)], atpF [complement(13496..13640)], rpoC1 [complement(21077..22687)], rpoC1 [complement(23448..23900)], ycf3 [complement(42703..42855)], ycf3 [complement(43590..43819)], ycf3 [complement(44540..44663)], trnL-UAA [47250..47284], trnL-UAA [48076..48125], trnV-UAC [complement(50270..50306)], trnV-UAC [complement(50888..50926)], clpP [complement(69675..69905)], clpP [complement(70575..70866)], clpP [complement(71813..71883)], petB	trnK-UUU [complement(1451..4250)], rps16 [complement(5032..5918)], trnG-UCC [complement(9550..10220)], atpF [complement(12569..13495)], rpoC1 [complement(22688..23447)], ycf3 [complement(42856..43589)], ycf3 [complement(43820..44539)], trnL-UAA [47285..48075], trnV-UAC [complement(50307..50887)], clpP [complement(69906..70574)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75406..75411], petB [76140..76781], petD [76976..76983], petD [77843..78326], rpl16 [complement(81884..82282)], rpl16 [complement(83482..83490)], ndhB [complement(96078..96833)], ndhB [complement(97533..98309)], trnI-GAU [104008..104044], trnI-GAU [104987..105021], trnA-UGC [105086..105123], trnA-UGC [105925..105958], trnA-UGC [complement(130435..130468)], trnA-UGC [complement(131270..131307)], trnI-GAU [complement(131372..131406)], trnI-GAU [complement(132349..132385)], ndhB [138084..138860], ndhB [139560..140315]	[complement(70867..71812)], petB [75412..76139], petD [76984..77842], rpl16 [complement(82283..83481)], ndhB [complement(96834..97532)], trnI-GAU [104045..104986], trnA-UGC [105124..105924], trnA-UGC [complement(130469..131269)], trnI-GAU [complement(131407..132348)], ndhB [138861..139559]
1078.	DEPE	72	rps12 [complement(99120..99145)], rps12 [complement(99693..99921)], rps12 [complement(69210..69347)], psbA [complement(152159..152962)], psbA [complement(1..258)], trnK-UUU [complement(511..545)], trnK-UUU [complement(3390..3426)], rps16 [complement(3951..4198)], rps16 [complement(5081..5120)], trnG-UCC [8777..8807], trnG-UCC [9479..9537], atpF [complement(11422..11831)], atpF [complement(12779..12923)], rpoC1 [complement(20376..21983)], rpoC1 [complement(22745..23197)], ycf3 [complement(42174..42326)], ycf3 [complement(43072..43301)], ycf3 [complement(44022..44145)], trnL-UAA [46824..46858], trnL-UAA [47660..47709], trnV-UAC [complement(50073..50109)], trnV-UAC [complement(50691..50729)], rps12 [136692..136920], rps12 [137468..137493], clpP [complement(69508..69738)], clpP [complement(70408..70699)], clpP [complement(71677..71747)], petB [75273..75278], petB [76008..76649], petD [76835..76842], petD [77702..78185], rpl16 [complement(81766..82164)], rpl16 [complement(83374..83382)], rpl2 [complement(85409..85809)], rpl2 [complement(86525..86852)], ndhB [complement(96039..96794)], ndhB [complement(97494..98270)], trnI-GAU [104006..104042], trnI-GAU [104987..105021], trnA-UGC [105086..105123], trnA-UGC [105925..105959], trnA-UGC [complement(130654..130688)], trnA-UGC [complement(131490..131527)], trnI-GAU [complement(131592..131626)], trnI-GAU [complement(132571..132607)], ndhB [138343..139119], ndhB [139819..140574], rpl2 [149761..150088], rpl2 [150804..151204]	psbA [complement(152963..0)], trnK-UUU [complement(546..3389)], rps16 [complement(4199..5080)], trnG-UCC [8808..9478], atpF [complement(11832..12778)], rpoC1 [complement(21984..22744)], ycf3 [complement(42327..43071)], ycf3 [complement(43302..44021)], trnL-UAA [46859..47659], trnV-UAC [complement(50110..50690)], clpP [complement(69739..70407)], clpP [complement(70700..71676)], petB [75279..76007], petD [76843..77701], rpl16 [complement(82165..83373)], rpl2 [complement(85810..86524)], ndhB [complement(96795..97493)], trnI-GAU [104043..104986], trnA-UGC [105124..105924], trnA-UGC [complement(130689..131489)], trnI-GAU [complement(131627..132570)], ndhB [139120..139818], rpl2 [150089..150803]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1079.	DEPI	58	trnK-UUU [complement(1375..1409)], trnK-UUU [complement(4145..4181)], rps16 [complement(4678..4925)], rps16 [complement(5814..5853)], trnG-GCC [9373..9403], trnG-GCC [10075..10133], atpF [complement(12010..12419)], atpF [complement(13350..13494)], rpoC1 [complement(20927..22531)], rpoC1 [complement(23291..23743)], ycf3 [complement(42562..42714)], ycf3 [complement(43453..43682)], ycf3 [complement(44403..44526)], trnL-UAA [47138..47172], trnL-UAA [47955..48004], trnV-UAC [complement(50035..50071)], trnV-UAC [complement(50653..50691)], clpP [complement(69427..69657)], clpP [complement(70328..70619)], clpP [complement(71565..71635)], petB [75151..75156], petB [75887..76528], petD [76723..76730], petD [77590..78073], rpl16 [complement(81632..82030)], rpl16 [complement(83213..83221)], ndhB [complement(95818..96573)], ndhB [complement(97150..97926)], trnI-GAU [103625..103661], trnI-GAU [104604..104638], trnA-UGC [104703..104740], trnA-UGC [105542..105575], trnA-UGC [complement(129635..129668)], trnA-UGC [complement(130470..130507)], trnI-GAU [complement(130572..130606)], trnI-GAU [complement(131549..131585)], ndhB [137284..138060], ndhB [138637..139392]	trnK-UUU [complement(1410..4144)], rps16 [complement(4926..5813)], trnG-GCC [9404..10074], atpF [complement(12420..13349)], rpoC1 [complement(22532..23290)], ycf3 [complement(42715..43452)], ycf3 [complement(43683..44402)], trnL-UAA [47173..47954], trnV-UAC [complement(50072..50652)], clpP [complement(69658..70327)], clpP [complement(70620..71564)], petB [75157..75886], petD [76731..77589], rpl16 [complement(82031..83212)], ndhB [complement(96574..97149)], trnI-GAU [103662..104603], trnA-UGC [104741..105541], trnA-UGC [complement(129669..130469)], trnI-GAU [complement(130607..131548)], ndhB [138061..138636]
1080.	DEPN	36	rps12 [complement(79291..79316)], rps12 [complement(79852..80083)], rps12 [complement(55439..55552)], atpF [complement(6843..7252)], atpF [complement(8033..8165)], rpoC1 [complement(14984..16612)], rpoC1 [complement(17340..17771)], ycf3 [complement(34545..34697)], ycf3 [complement(35417..35646)], ycf3 [complement(36406..36529)], trnL-UAA [38841..38878], trnL-UAA [39157..39203], rps12 [104897..105128], rps12 [105664..105689], clpP [complement(55696..55926)], clpP [complement(56457..56748)], clpP [complement(57562..57632)], petB [60462..60467], petB [61214..61867], petD [62065..62072], petD [62801..63275], rpl16 [complement(66130..66528)], rpl16 [complement(67387..67395)], rpl2 [complement(69083..69522)], rpl2 [complement(70164..70554)]	atpF [complement(7253..8032)], rpoC1 [complement(16613..17339)], ycf3 [complement(34698..35416)], ycf3 [complement(35647..36405)], trnL-UAA [38879..39156], clpP [complement(55927..56456)], clpP [complement(56749..57561)], petB [60468..61213], petD [62073..62800], rpl16 [complement(66529..67386)], rpl2 [complement(69523..70163)]
1081.	DEPR	58	trnK-UUU [complement(1410..1444)], trnK-UUU [complement(4170..4206)],	trnK-UUU [complement(1445..4169)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(4703..4950)], rps16 [complement(5833..5872)], trnG-UCC [complement(9386..9416)], trnG-UCC [complement(10090..10148)], atpF [complement(12032..12441)], atpF [complement(13362..13506)], rpoC1 [complement(20959..22566)], rpoC1 [complement(23328..23780)], ycf3 [complement(42568..42720)], ycf3 [complement(43455..43684)], ycf3 [complement(44402..44525)], trnL-UAA [47105..47139], trnL-UAA [47914..47963], trnV-UAC [complement(49896..49932)], trnV-UAC [complement(50514..50552)], clpP [complement(68781..69032)], clpP [complement(69699..69990)], clpP [complement(70934..71004)], petB [74419..74424], petB [75153..75794], petD [75980..75987], petD [76852..77335], rpl16 [complement(80899..81297)], rpl16 [complement(82492..82500)], ndhB [complement(95073..95828)], ndhB [complement(96531..97307)], trnI-GAU [102992..103028], trnI-GAU [103974..104008], trnA-UGC [104072..104109], trnA-UGC [104911..104944], trnA-UGC [complement(128838..128871)], trnA-UGC [complement(129673..129710)], trnI-GAU [complement(129774..129808)], trnI-GAU [complement(130754..130790)], ndhB [136475..137251], ndhB [137954..138709]	[complement(4951..5832)], trnG-UCC [complement(9417..10089)], atpF [complement(12442..13361)], rpoC1 [complement(22567..23327)], ycf3 [complement(42721..43454)], ycf3 [complement(43685..44401)], trnL-UAA [47140..47913], trnV-UAC [complement(49933..50513)], clpP [complement(69033..69698)], clpP [complement(69991..70933)], petB [74425..75152], petD [75988..76851], rpl16 [complement(81298..82491)], ndhB [complement(95829..96530)], trnI-GAU [103029..103973], trnA-UGC [104110..104910], trnA-UGC [complement(128872..129672)], trnI-GAU [complement(129809..130753)], ndhB [137252..137953]
1082.	DERH	1	rps12 [151173..151198]	-
1083.	DESA	58	trnK-UUU [complement(1414..1448)], trnK-UUU [complement(4190..4226)], rps16 [complement(4742..4984)], rps16 [complement(5867..5905)], trnG-GCC [9464..9494], trnG-GCC [10168..10226], atpF [complement(12104..12513)], atpF [complement(13420..13564)], rpoC1 [complement(21027..22634)], rpoC1 [complement(23396..23848)], ycf3 [complement(42586..42738)], ycf3 [complement(43479..43708)], ycf3 [complement(44429..44552)], trnL-UAA [47197..47231], trnL-UAA [47973..48022], trnV-UAC [complement(49942..49978)], trnV-UAC [complement(50567..50605)], clpP [complement(69231..69461)], clpP [complement(70135..70426)], clpP [complement(71358..71428)], petB [74982..74987], petB [75717..76358], petD [76544..76551], petD [77408..77891], rpl16 [complement(81449..81847)], rpl16 [complement(83042..83050)], ndhB [complement(95614..96369)], ndhB [complement(97069..97845)], trnI-GAU [103543..103579], trnI-GAU	trnK-UUU [complement(1449..4189)], rps16 [complement(4985..5866)], trnG-GCC [9495..10167], atpF [complement(12514..13419)], rpoC1 [complement(22635..23395)], ycf3 [complement(42739..43478)], ycf3 [complement(43709..44428)], trnL-UAA [47232..47972], trnV-UAC [complement(49979..50566)], clpP [complement(69462..70134)], clpP [complement(70427..71357)], petB [74988..75716], petD [76552..77407], rpl16 [complement(81848..83041)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104526..104560], trnA-UGC [104625..104662], trnA-UGC [105464..105497], trnA-UGC [complement(129881..129914)], trnA-UGC [complement(130716..130753)], trnI-GAU [complement(130818..130852)], trnI-GAU [complement(131799..131835)], ndhB [137533..138309], ndhB [139009..139764]	[complement(96370..97068)], trnI-GAU [103580..104525], trnA-UGC [104663..105463], trnA-UGC [complement(129915..130715)], trnI-GAU [complement(130853..131798)], ndhB [138310..139008]
1084.	DESC	58	trnK-UUU [complement(1424..1458)], trnK-UUU [complement(4252..4288)], rps16 [complement(4780..5027)], rps16 [complement(5919..5958)], trnG-UCC [complement(9485..9515)], trnG-UCC [complement(10187..10245)], atpF [complement(12130..12539)], atpF [complement(13467..13611)], rpoC1 [complement(21065..22672)], rpoC1 [complement(23435..23887)], ycf3 [complement(42700..42852)], ycf3 [complement(43587..43816)], ycf3 [complement(44537..44660)], trnL-UAA [47334..47368], trnL-UAA [48168..48217], trnV-UAC [complement(50455..50491)], trnV-UAC [complement(51073..51111)], clpP [complement(69863..70093)], clpP [complement(70764..71055)], clpP [complement(72011..72081)], petB [75631..75636], petB [76365..77006], petD [77192..77199], petD [78073..78586], rpl16 [complement(82121..82519)], rpl16 [complement(83714..83722)], ndhB [complement(96318..97073)], ndhB [complement(97773..98549)], trnI-GAU [104242..104278], trnI-GAU [105224..105258], trnA-UGC [105323..105360], trnA-UGC [106164..106197], trnA-UGC [complement(130728..130761)], trnA-UGC [complement(131565..131602)], trnI-GAU [complement(131667..131701)], trnI-GAU [complement(132647..132683)], ndhB [138376..139152], ndhB [139852..140607]	trnK-UUU [complement(1459..4251)], rps16 [complement(5028..5918)], trnG-UCC [complement(9516..10186)], atpF [complement(12540..13466)], rpoC1 [complement(22673..23434)], ycf3 [complement(42853..43586)], ycf3 [complement(43817..44536)], trnL-UAA [47369..48167], trnV-UAC [complement(50492..51072)], clpP [complement(70094..70763)], clpP [complement(71056..72010)], petB [75637..76364], petD [77200..78072], rpl16 [complement(82520..83713)], ndhB [complement(97074..97772)], trnI-GAU [104279..105223], trnA-UGC [105361..106163], trnA-UGC [complement(130762..131564)], trnI-GAU [complement(131702..132646)], ndhB [139153..139851]
1085.	DESH	58	trnK-UUU [complement(1408..1442)], trnK-UUU [complement(4238..4274)], rps16 [complement(4772..5019)], rps16 [complement(5907..5946)], trnG-UCC [complement(9520..9550)], trnG-UCC [complement(10222..10280)], atpF [complement(12167..12576)], atpF [complement(13503..13647)], rpoC1 [complement(21087..22694)], rpoC1 [complement(23456..23908)], ycf3 [complement(42743..42895)], ycf3 [complement(43630..43859)], ycf3 [complement(44581..44704)], trnL-UAA [47362..47396], trnL-UAA	trnK-UUU [complement(1443..4237)], rps16 [complement(5020..5906)], trnG-UCC [complement(9551..10221)], atpF [complement(12577..13502)], rpoC1 [complement(22695..23455)], ycf3 [complement(42896..43629)], ycf3 [complement(43860..44580)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48195..48244], trnV-UAC [complement(50565..50601)], trnV-UAC [complement(51183..51221)], clpP [complement(70011..70241)], clpP [complement(70915..71206)], clpP [complement(72162..72232)], petB [75768..75773], petB [76501..77142], petD [77328..77335], petD [78197..78680], rpl16 [complement(82244..82642)], rpl16 [complement(83837..83845)], ndhB [complement(96434..97189)], ndhB [complement(97889..98665)], trnI-GAU [104377..104413], trnI-GAU [105359..105393], trnA-UGC [105458..105495], trnA-UGC [106297..106330], trnA-UGC [complement(130906..130939)], trnA-UGC [complement(131741..131778)], trnI-GAU [complement(131843..131877)], trnI-GAU [complement(132823..132859)], ndhB [138571..139347], ndhB [140047..140802]	[47397..48194], trnV-UAC [complement(50602..51182)], clpP [complement(70242..70914)], clpP [complement(71207..72161)], petB [75774..76500], petD [77336..78196], rpl16 [complement(82643..83836)], ndhB [complement(97190..97888)], trnI-GAU [104414..105358], trnA-UGC [105496..106296], trnA-UGC [complement(130940..131740)], trnI-GAU [complement(131878..132822)], ndhB [139348..140046]
1086.	DESI	64	rps12 [complement(86986..87014)], rps12 [complement(87555..87786)], rps12 [complement(65230..65343)], trnK-UUU [complement(1391..1425)], trnK-UUU [complement(3919..3955)], rps16 [complement(4513..4730)], rps16 [complement(5557..5596)], trnG-UCC [complement(12437..12484)], trnG-UCC [complement(13162..13184)], atpF [30644..30788], atpF [31623..32029], ycf3 [complement(39848..40008)], ycf3 [complement(40733..40958)], ycf3 [complement(41716..41841)], trnL-UAA [44630..44664], trnL-UAA [45209..45258], trnV-UAC [complement(48712..48748)], trnV-UAC [complement(49354..49392)], rps12 [124400..124631], rps12 [125172..125200], petB [69105..69110], petB [69871..70512], petD [70701..70708], petD [71448..71922], rpl16 [complement(75503..75904)], rpl16 [complement(76775..76783)], rpl2 [complement(78784..79214)], rpl2 [complement(79878..80268)], ndhB [complement(83918..84673)], ndhB [complement(85386..86162)], trnI-GAU [91560..91596], trnI-GAU [92403..92437], trnA-UGC [92503..92540], trnA-UGC [93352..93386], ndhA [complement(109303..109841)], ndhA [complement(110872..111421)], trnA-UGC [complement(118800..118834)], trnA-UGC [complement(119646..119683)], trnI-GAU [complement(119749..119783)], trnI-GAU [complement(120590..120626)], ndhB [126024..126800], ndhB [127513..128268], rpl2 [131918..132308], rpl2 [132972..133402]	trnK-UUU [complement(1426..3918)], rps16 [complement(4731..5556)], trnG-UCC [complement(12485..13161)], atpF [30789..31622], ycf3 [complement(40009..40732)], ycf3 [complement(40959..41715)], trnL-UAA [44665..45208], trnV-UAC [complement(48749..49353)], petB [69111..69870], petD [70709..71447], rpl16 [complement(75905..76774)], rpl2 [complement(79215..79877)], ndhB [complement(84674..85385)], trnI-GAU [91597..92402], trnA-UGC [92541..93351], ndhA [complement(109842..110871)], trnA-UGC [complement(118835..119645)], trnI-GAU [complement(119784..120589)], ndhB [126801..127512], rpl2 [132309..132971]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1087.	DESP	58	trnK-UUU [complement(1409..1443)], trnK-UUU [complement(4192..4228)], rps16 [complement(4726..4973)], rps16 [complement(5855..5894)], trnG-GCC [9457..9487], trnG-GCC [10162..10220], atpF [complement(12112..12521)], atpF [complement(13451..13595)], rpoC1 [complement(21043..22650)], rpoC1 [complement(23412..23864)], ycf3 [complement(42715..42867)], ycf3 [complement(43608..43837)], ycf3 [complement(44556..44679)], trnL-UAA [47322..47356], trnL-UAA [48159..48208], trnV-UAC [complement(50517..50553)], trnV-UAC [complement(51135..51173)], clpP [complement(69875..70126)], clpP [complement(70792..71083)], clpP [complement(72019..72089)], petB [75515..75520], petB [76249..76890], petD [77076..77083], petD [77942..78425], rpl16 [complement(81993..82391)], rpl16 [complement(83578..83586)], ndhB [complement(96161..96916)], ndhB [complement(97616..98395)], trnI-GAU [104106..104142], trnI-GAU [105089..105123], trnA-UGC [105187..105224], trnA-UGC [106026..106059], trnA-UGC [complement(130565..130598)], trnA-UGC [complement(131400..131437)], trnI-GAU [complement(131501..131535)], trnI-GAU [complement(132482..132518)], ndhB [138229..139008], ndhB [139708..140463]	trnK-UUU [complement(1444..4191)], rps16 [complement(4974..5854)], trnG-GCC [9488..10161], atpF [complement(12522..13450)], rpoC1 [complement(22651..23411)], ycf3 [complement(42868..43607)], ycf3 [complement(43838..44555)], trnL-UAA [47357..48158], trnV-UAC [complement(50554..51134)], clpP [complement(70127..70791)], clpP [complement(71084..72018)], petB [75521..76248], petD [77084..77941], rpl16 [complement(82392..83577)], ndhB [complement(96917..97615)], trnI-GAU [104143..105088], trnA-UGC [105225..106025], trnA-UGC [complement(130599..131399)], trnI-GAU [complement(131536..132481)], ndhB [139009..139707]
1088.	DEST	68	trnK-UUU [complement(1899..1933)], trnK-UUU [complement(4799..4835)], rps16 [complement(5342..5589)], rps16 [complement(6486..6525)], trnG-UCC [9915..9945], trnG-UCC [10617..10675], atpF [complement(12582..12991)], atpF [complement(13926..14070)], rpoC1 [complement(21503..23110)], rpoC1 [complement(23871..24323)], ycf3 [complement(43215..43367)], ycf3 [complement(44116..44345)], ycf3 [complement(45066..45189)], trnL-UAA [47891..47925], trnL-UAA [48727..48776], trnV-UAC [complement(51232..51268)], trnV-UAC [complement(51882..51920)], clpP [complement(70727..70957)], clpP [complement(71625..71916)], clpP [complement(72883..72953)], petB [76521..76526], petB [77254..77895], petD [78081..78088], petD [78945..79428], rpl16 [complement(83004..83402)], rpl16 [complement(84619..84627)], rpl2 [complement(86596..87026)], rpl2 [complement(87716..88106)], ndhB [complement(97205..97960)], ndhB	trnK-UUU [complement(1934..4798)], rps16 [complement(5590..6485)], trnG-UCC [9946..10616], atpF [complement(12992..13925)], rpoC1 [complement(23111..23870)], ycf3 [complement(43368..44115)], ycf3 [complement(44346..45065)], trnL-UAA [47926..48726], trnV-UAC [complement(51269..51881)], clpP [complement(70958..71624)], clpP [complement(71917..72882)], petB [76527..77253], petD [78089..78944], rpl16 [complement(83403..84618)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98660..99436)], rps12 [complement(100286..100311)], rps12 [complement(100859..101090)], trnI-GAU [105155..105191], trnI-GAU [106143..106177], trnA-UGC [106242..106279], trnA-UGC [107081..107115], trnA-UGC [complement(131781..131815)], trnA-UGC [complement(132617..132654)], trnI-GAU [complement(132719..132753)], trnI-GAU [complement(133705..133741)], rps12 [137806..138037], rps12 [138585..138610], ndhB [139460..140236], ndhB [140936..141691], rpl2 [150790..151180], rpl2 [151870..152300]	[complement(87027..87715)], ndhB [complement(97961..98659)], trnI-GAU [105192..106142], trnA-UGC [106280..107080], trnA-UGC [complement(131816..132616)], trnI-GAU [complement(132754..133704)], ndhB [140237..140935], rpl2 [151181..151869]
1089.	DETN	63	rpl16 [1499..1507], rpl16 [2426..2827], petD [complement(6807..7281)], petD [complement(8145..8152)], petB [complement(8343..8984)], petB [complement(9772..9777)], clpP [12715..12783], clpP [13634..13924], clpP [14574..14801], rps12 [14997..15110], rps12 [148642..148884], trnV-UAC [33583..33621], trnV-UAC [34214..34250], trnL-UAA [complement(37842..37891)], trnL-UAA [complement(38427..38463)], ycf3 [40780..40905], ycf3 [41625..41852], ycf3 [42520..42672], rpoC1 [64693..65124], rpoC1 [65904..67514], atpF [75696..75840], atpF [76561..76970], trnK-UUU [86485..86521], trnK-UUU [89055..89092], rpl2 [complement(91725..92195)], rpl2 [complement(92825..93226)], ndhB [complement(102444..103199)], ndhB [complement(103882..104658)], trnI-GAU [110123..110164], trnI-GAU [111108..111142], trnA-UGC [111209..111246], trnA-UGC [112051..112085], ndhA [124599..125151], ndhA [126288..126826], trnA-UGC [complement(142850..142884)], trnA-UGC [complement(143689..143726)], trnI-GAU [complement(143793..143827)], trnI-GAU [complement(144771..144812)], ndhB [150277..151053], ndhB [151736..152491], rpl2 [161709..162110], rpl2 [162740..163210]	rpl16 [1508..2425], petD [complement(7282..8144)], petB [complement(8985..9771)], clpP [12784..13633], clpP [13925..14573], trnV-UAC [33622..34213], trnL-UAA [complement(37892..38426)], ycf3 [40906..41624], ycf3 [41853..42519], rpoC1 [65125..65903], atpF [75841..76560], trnK-UUU [86522..89054], rpl2 [complement(92196..92824)], ndhB [complement(103200..103881)], trnI-GAU [110165..111107], trnA-UGC [111247..112050], ndhA [125152..126287], trnA-UGC [complement(142885..143688)], trnI-GAU [complement(143828..144770)], ndhB [151054..151735], rpl2 [162111..162739]
1090.	DETO	58	trnK-UUU [complement(1409..1443)], trnK-UUU [complement(4246..4282)], rps16 [complement(4780..5027)], rps16 [complement(5918..5957)], trnG-UCC [complement(9531..9561)], trnG-UCC [complement(10233..10291)], atpF [complement(12179..12588)], atpF [complement(13515..13659)], rpoC1 [complement(21108..22715)], rpoC1 [complement(23477..23929)], ycf3 [complement(42771..42923)], ycf3 [complement(43658..43887)], ycf3	trnK-UUU [complement(1444..4245)], rps16 [complement(5028..5917)], trnG-UCC [complement(9562..10232)], atpF [complement(12589..13514)], rpoC1 [complement(22716..23476)], ycf3 [complement(42924..43657)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44609..44732)], trnL-UAA [47391..47425], trnL-UAA [48224..48273], trnV-UAC [complement(50593..50629)], trnV-UAC [complement(51211..51249)], clpP [complement(70036..70266)], clpP [complement(70939..71230)], clpP [complement(72186..72256)], petB [75802..75807], petB [76535..77176], petD [77362..77369], petD [78230..78713], rpl16 [complement(82277..82675)], rpl16 [complement(83871..83879)], ndhB [complement(96480..97235)], ndhB [complement(97935..98711)], trnI-GAU [104423..104459], trnI-GAU [105405..105439], trnA-UGC [105504..105541], trnA-UGC [106343..106376], trnA-UGC [complement(130966..130999)], trnA-UGC [complement(131801..131838)], trnI-GAU [complement(131903..131937)], trnI-GAU [complement(132883..132919)], ndhB [138631..139407], ndhB [140107..140862]	[complement(43888..44608)], trnL-UAA [47426..48223], trnV-UAC [complement(50630..51210)], clpP [complement(70267..70938)], clpP [complement(71231..72185)], petB [75808..76534], petD [77370..78229], rpl16 [complement(82676..83870)], ndhB [complement(97236..97934)], trnI-GAU [104460..105404], trnA-UGC [105542..106342], trnA-UGC [complement(131000..131800)], trnI-GAU [complement(131938..132882)], ndhB [139408..140106]
1091.	DEVA	63	rps12 [complement(94417..94442)], rps12 [complement(94988..95219)], rps12 [complement(67128..67241)], trnK-UUU [complement(1680..1714)], trnK-UUU [complement(4250..4286)], rps16 [complement(5160..5374)], rps16 [complement(6226..6265)], trnG-UCC [9977..9999], trnG-UCC [10710..10758], atpF [complement(12809..13218)], atpF [complement(13946..14081)], rpoC1 [complement(21434..23053)], rpoC1 [complement(23760..24191)], ycf3 [complement(43203..43352)], ycf3 [complement(44076..44305)], ycf3 [complement(45046..45169)], trnL-UAA [47451..47485], trnL-UAA [47985..48034], trnV-UAC [complement(49098..49132)], trnV-UAC [complement(49751..49788)], rps12 [127130..127361], rps12 [127907..127932], clpP [complement(67383..67610)], clpP [complement(68291..68582)], clpP [complement(69440..69510)], petB [72429..72434], petB [73141..73794], petD [73961..73968], petD [74726..75200], rpl16 [complement(78684..79080)], rpl16 [complement(80149..80159)], rpl2 [complement(81831..82264)], rpl2 [complement(82912..83302)], trnI-GAU [99113..99149], trnI-GAU [100053..100087], trnA-UGC [100149..100186], trnA-UGC [100990..101024], trnA-UGC [complement(121325..121359)], trnA-UGC [complement(122163..122200)], trnI-GAU [complement(122262..122296)],	trnK-UUU [complement(1715..4249)], rps16 [complement(5375..6225)], trnG-UCC [10000..10709], atpF [complement(13219..13945)], rpoC1 [complement(23054..23759)], ycf3 [complement(43353..44075)], ycf3 [complement(44306..45045)], trnL-UAA [47486..47984], trnV-UAC [complement(49133..49750)], clpP [complement(67611..68290)], clpP [complement(68583..69439)], petB [72435..73140], petD [73969..74725], rpl16 [complement(79081..80148)], rpl2 [complement(82265..82911)], trnI-GAU [99150..100052], trnA-UGC [100187..100989], trnA-UGC [complement(121360..122162)], trnI-GAU [complement(122297..123199)], rpl2 [139438..140084]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(123200..123236)], rpl2 [139047..139437], rpl2 [140085..140518]	
1092.	DEWA	58	trnK-UUU [complement(1408..1442)], trnK-UUU [complement(4211..4247)], rps16 [complement(4745..4992)], rps16 [complement(5865..5904)], trnG-UCC [complement(9448..9478)], trnG-UCC [complement(10150..10208)], atpF [complement(12092..12501)], atpF [complement(13428..13572)], rpoC1 [complement(21017..22624)], rpoC1 [complement(23387..23839)], ycf3 [complement(42609..42761)], ycf3 [complement(43496..43725)], ycf3 [complement(44446..44569)], trnL-UAA [47214..47248], trnL-UAA [47992..48041], trnV-UAC [complement(50372..50408)], trnV-UAC [complement(50990..51028)], clpP [complement(69765..69995)], clpP [complement(70667..70958)], clpP [complement(71896..71966)], petB [75520..75525], petB [76254..76895], petD [77081..77088], petD [77951..78434], rpl16 [complement(82002..82400)], rpl16 [complement(83601..83609)], ndhB [complement(96200..96955)], ndhB [complement(97655..98431)], trnI-GAU [104144..104180], trnI-GAU [105116..105150], trnA-UGC [105215..105252], trnA-UGC [106054..106087], trnA-UGC [complement(130538..130571)], trnA-UGC [complement(131373..131410)], trnI-GAU [complement(131475..131509)], trnI-GAU [complement(132445..132481)], ndhB [138194..138970], ndhB [139670..140425]	trnK-UUU [complement(1443..4210)], rps16 [complement(4993..5864)], trnG-UCC [complement(9479..10149)], atpF [complement(12502..13427)], rpoC1 [complement(22625..23386)], ycf3 [complement(42762..43495)], ycf3 [complement(43726..44445)], trnL-UAA [47249..47991], trnV-UAC [complement(50409..50989)], clpP [complement(69996..70666)], clpP [complement(70959..71895)], petB [75526..76253], petD [77089..77950], rpl16 [complement(82401..83600)], ndhB [complement(96956..97654)], trnI-GAU [104181..105115], trnA-UGC [105253..106053], trnA-UGC [complement(130572..131372)], trnI-GAU [complement(131510..132444)], ndhB [138971..139669]
1093.	DEWI	58	trnK-UUU [complement(1407..1441)], trnK-UUU [complement(4223..4259)], rps16 [complement(4757..5004)], rps16 [complement(5897..5936)], trnG-GCC [9461..9491], trnG-GCC [10163..10221], atpF [complement(12106..12515)], atpF [complement(13440..13584)], rpoC1 [complement(21021..22628)], rpoC1 [complement(23391..23843)], ycf3 [complement(42676..42828)], ycf3 [complement(43563..43792)], ycf3 [complement(44514..44637)], trnL-UAA [47294..47328], trnL-UAA [48129..48178], trnV-UAC [complement(50531..50567)], trnV-UAC [complement(51149..51187)], clpP [complement(69958..70188)], clpP [complement(70859..71150)], clpP [complement(72096..72166)], petB [75691..75696], petB [76426..77067], petD [77253..77260], petD [78123..78606], rpl16 [complement(82169..82567)],	trnK-UUU [complement(1442..4222)], rps16 [complement(5005..5896)], trnG-GCC [9492..10162], atpF [complement(12516..13439)], rpoC1 [complement(22629..23390)], ycf3 [complement(42829..43562)], ycf3 [complement(43793..44513)], trnL-UAA [47329..48128], trnV-UAC [complement(50568..51148)], clpP [complement(70189..70858)], clpP [complement(71151..72095)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(83759..83767)], ndhB [complement(96358..97113)], ndhB [complement(97813..98589)], trnI-GAU [104299..104335], trnI-GAU [105280..105314], trnA-UGC [105379..105416], trnA-UGC [106218..106251], trnA-UGC [complement(130817..130850)], trnA-UGC [complement(131653..131690)], trnI-GAU [complement(131755..131789)], trnI-GAU [complement(132734..132770)], ndhB [138480..139256], ndhB [139956..140711]	[75697..76425], petD [77261..78122], rpl16 [complement(82568..83758)], ndhB [complement(97114..97812)], trnI-GAU [104336..105279], trnA-UGC [105417..106217], trnA-UGC [complement(130851..131652)], trnI-GAU [complement(131790..132733)], ndhB [139257..139955]
1094.	DEXI	58	trnK-UUU [complement(1407..1441)], trnK-UUU [complement(4227..4263)], rps16 [complement(4761..5008)], rps16 [complement(5901..5940)], trnG-UCC [complement(9501..9531)], trnG-UCC [complement(10203..10261)], atpF [complement(12151..12560)], atpF [complement(13485..13629)], rpoC1 [complement(21065..22672)], rpoC1 [complement(23435..23887)], ycf3 [complement(42715..42867)], ycf3 [complement(43602..43831)], ycf3 [complement(44553..44676)], trnL-UAA [47334..47368], trnL-UAA [48169..48218], trnV-UAC [complement(50560..50596)], trnV-UAC [complement(51178..51216)], clpP [complement(69967..70197)], clpP [complement(70868..71159)], clpP [complement(72115..72185)], petB [75694..75699], petB [76429..77070], petD [77256..77263], petD [78125..78608], rpl16 [complement(82171..82569)], rpl16 [complement(83760..83768)], ndhB [complement(96341..97096)], ndhB [complement(97796..98572)], trnI-GAU [104276..104312], trnI-GAU [105257..105291], trnA-UGC [105356..105393], trnA-UGC [106195..106228], trnA-UGC [complement(130805..130838)], trnA-UGC [complement(131640..131677)], trnI-GAU [complement(131742..131776)], trnI-GAU [complement(132721..132757)], ndhB [138461..139237], ndhB [139937..140692]	trnK-UUU [complement(1442..4226)], rps16 [complement(5009..5900)], trnG-UCC [complement(9532..10202)], atpF [complement(12561..13484)], rpoC1 [complement(22673..23434)], ycf3 [complement(42868..43601)], ycf3 [complement(43832..44552)], trnL-UAA [47369..48168], trnV-UAC [complement(50597..51177)], clpP [complement(70198..70867)], clpP [complement(71160..72114)], petB [75700..76428], petD [77264..78124], rpl16 [complement(82570..83759)], ndhB [complement(97097..97795)], trnI-GAU [104313..105256], trnA-UGC [105394..106194], trnA-UGC [complement(130839..131639)], trnI-GAU [complement(131777..132720)], ndhB [139238..139936]
1095.	DIAA	69	rps12 [complement(97147..97172)], rps12 [complement(97711..97942)], rps12 [complement(68948..69061)], trnK-UUU [complement(1378..1412)], trnK-UUU [complement(3998..4034)], trnG-UCC [8682..8705], trnG-UCC [9464..9511], atpF [complement(11452..11862)], atpF [complement(12853..12999)], rpoC1 [complement(20567..22189)], rpoC1	trnK-UUU [complement(1413..3997)], trnG-UCC [8706..9463], atpF [complement(11863..12852)], rpoC1 [complement(22190..22915)], ycf3 [complement(42451..43192)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22916..23350)], ycf3 [complement(42292..42450)], ycf3 [complement(43193..43420)], ycf3 [complement(44130..44261)], trnL-UAA [46804..46838], trnL-UAA [47393..47442], trnV-UAC [complement(50973..51009)], trnV-UAC [complement(51596..51634)], rps12 [138634..138865], rps12 [139404..139429], clpP [complement(69208..69459)], clpP [complement(70080..70371)], clpP [complement(71117..71187)], petB [74143..74148], petB [74931..75572], petD [75769..75774], petD [76503..77024], rpl16 [complement(80477..80878)], rpl16 [complement(81882..81890)], rpl2 [complement(83692..84123)], rpl2 [complement(84785..85177)], ndhB [complement(94066..94821)], ndhB [complement(95527..96303)], trnI-GAU [101784..101825], trnI-GAU [102768..102802], trnA-UGC [102867..102904], trnA-UGC [103697..103731], ndhA [116065..116616], ndhA [117691..118230], trnA-UGC [complement(132845..132879)], trnA-UGC [complement(133672..133709)], trnI-GAU [complement(133774..133808)], trnI-GAU [complement(134751..134792)], ndhB [140273..141049], ndhB [141755..142510], rpl2 [151399..151791], rpl2 [152453..152884]	[complement(43421..44129)], trnL-UAA [46839..47392], trnV-UAC [complement(51010..51595)], clpP [complement(69460..70079)], clpP [complement(70372..71116)], petB [74149..74930], petD [75775..76502], rpl16 [complement(80879..81881)], rpl2 [complement(84124..84784)], ndhB [complement(94822..95526)], trnI-GAU [101826..102767], trnA-UGC [102905..103696], ndhA [116617..117690], trnA-UGC [complement(132880..133671)], trnI-GAU [complement(133809..134750)], ndhB [141050..141754], rpl2 [151792..152452]
1096.	DIAB	69	rps12 [complement(96513..96538)], rps12 [complement(97077..97305)], rps12 [complement(68304..68417)], trnK-UUU [complement(1375..1409)], trnK-UUU [complement(3989..4025)], trnG-UCC [8028..8050], trnG-UCC [8818..8865], atpF [complement(10801..11211)], atpF [complement(12197..12343)], rpoC1 [complement(19898..21520)], rpoC1 [complement(22256..22690)], ycf3 [complement(42059..42217)], ycf3 [complement(42953..43180)], ycf3 [complement(43890..44021)], trnL-UAA [46588..46622], trnL-UAA [47168..47217], trnV-UAC [complement(50827..50863)], trnV-UAC [complement(51450..51488)], rps12 [138016..138244], rps12 [138783..138808], clpP [complement(68564..68815)], clpP [complement(69434..69724)], clpP [complement(70454..70522)], petB [73475..73480], petB [74265..74906], petD [75103..75108], petD [75837..76358], rpl16 [complement(79815..80216)], rpl16 [complement(81236..81244)], rpl2 [complement(83046..83477)], rpl2 [complement(84139..84525)], ndhB [complement(93432..94187)], ndhB	trnK-UUU [complement(1410..3988)], trnG-UCC [8051..8817], atpF [complement(11212..12196)], rpoC1 [complement(21521..22255)], ycf3 [complement(42218..42952)], ycf3 [complement(43181..43889)], trnL-UAA [46623..47167], trnV-UAC [complement(50864..51449)], clpP [complement(68816..69433)], clpP [complement(69725..70453)], petB [73481..74264], petD [75109..75836], rpl16 [complement(80217..81235)], rpl2 [complement(83478..84138)], ndhB [complement(94188..94892)], trnI-GAU [101190..102131], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(94893..95669)], trnI-GAU [101148..101189], trnI-GAU [102132..102166], trnA-UGC [102231..102268], trnA-UGC [103061..103095], ndhA [115358..115909], ndhA [116982..117521], trnA-UGC [complement(132211..132245)], trnA-UGC [complement(133038..133075)], trnI-GAU [complement(133140..133174)], trnI-GAU [complement(134117..134158)], ndhB [139652..140428], ndhB [141134..141889], rpl2 [150796..151182], rpl2 [151844..152275]	[102269..103060], ndhA [115910..116981], trnA-UGC [complement(132246..133037)], trnI-GAU [complement(133175..134116)], ndhB [140429..141133], rpl2 [151183..151843]
1097.	DIAC	64	rps12 [complement(92023..92051)], rps12 [complement(92592..92823)], rps12 [complement(69057..69170)], trnK-UUU [complement(1378..1415)], trnK-UUU [complement(3900..3937)], rps16 [complement(4481..4698)], rps16 [complement(5542..5581)], trnG-UCC [complement(13183..13230)], trnG-UCC [complement(13914..13936)], atpF [34604..34762], atpF [35584..35991], ycf3 [complement(43776..43934)], ycf3 [complement(44666..44893)], ycf3 [complement(45632..45763)], trnL-UAA [48523..48557], trnL-UAA [49097..49146], trnV-UAC [complement(52737..52773)], trnV-UAC [complement(53376..53414)], rps12 [129365..129596], rps12 [130137..130165], petB [72932..72937], petB [73651..74298], petD [74487..74494], petD [75227..75701], rpl16 [complement(79181..79582)], rpl16 [complement(80675..80683)], rpl2 [complement(82645..83076)], rpl2 [complement(83740..84129)], ndhB [complement(88952..89707)], ndhB [complement(90418..91194)], trnI-GAU [96647..96688], trnI-GAU [97635..97669], trnA-UGC [97735..97772], trnA-UGC [98583..98617], ndhA [complement(114106..114645)], ndhA [complement(115672..116220)], trnA-UGC [complement(123571..123605)], trnA-UGC [complement(124416..124453)], trnI-GAU [complement(124519..124553)], trnI-GAU [complement(125500..125541)], ndhB [130994..131770], ndhB [132481..133236], rpl2 [138059..138448], rpl2 [139112..139543]	trnK-UUU [complement(1416..3899)], rps16 [complement(4699..5541)], trnG-UCC [complement(13231..13913)], atpF [34763..35583], ycf3 [complement(43935..44665)], ycf3 [complement(44894..45631)], trnL-UAA [48558..49096], trnV-UAC [complement(52774..53375)], petB [72938..73650], petD [74495..75226], rpl16 [complement(79583..80674)], rpl2 [complement(83077..83739)], ndhB [complement(89708..90417)], trnI-GAU [96689..97634], trnA-UGC [97773..98582], ndhA [complement(114646..115671)], trnA-UGC [complement(123606..124415)], trnI-GAU [complement(124554..125499)], ndhB [131771..132480], rpl2 [138449..139111]
1098.	DIAE	73	rps12 [complement(101834..101859)], rps12 [complement(102396..102627)], rps12 [complement(73135..73248)], trnK-UUU [complement(1588..1622)], trnK-UUU [complement(4186..4222)], rps16 [complement(4805..5040)], rps16 [complement(5892..5931)], trnG-UCC [9945..9970], trnG-UCC [10686..10732], atpF [complement(12759..13169)], atpF	trnK-UUU [complement(1623..4185)], rps16 [complement(5041..5891)], trnG-UCC [9971..10685], atpF [complement(13170..13896)], rpoC1 [complement(23698..24481)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13897..14040)], rpoC1 [complement(22087..23697)], rpoC1 [complement(24482..24937)], ycf3 [complement(44145..44297)], ycf3 [complement(45049..45276)], ycf3 [complement(46012..46137)], trnL-UAA [48774..48810], trnL-UAA [49322..49371], trnV-UAC [complement(53144..53180)], trnV-UAC [complement(53756..53794)], rps12 [complement(73135..73248)], rps12 [144883..145114], rps12 [145651..145676], clpP [complement(73506..73736)], clpP [complement(74414..74703)], clpP [complement(75539..75608)], petB [78540..78545], petB [79355..79996], petD [80190..80197], petD [80946..81420], rpl16 [complement(84968..85366)], rpl16 [complement(86457..86465)], rpl2 [complement(88370..88803)], rpl2 [complement(89480..89870)], ndhB [complement(98778..99533)], ndhB [complement(100213..100989)], trnI-GAU [106453..106494], trnI-GAU [107436..107470], trnA-UGC [107535..107572], trnA-UGC [108379..108413], ndhA [complement(124326..124864)], ndhA [complement(125947..126499)], trnA-UGC [complement(139097..139131)], trnA-UGC [complement(139938..139975)], trnI-GAU [complement(140040..140074)], trnI-GAU [complement(141016..141057)], ndhB [146521..147297], ndhB [147977..148732], rpl2 [157640..158030], rpl2 [158707..159140]	[complement(44298..45048)], ycf3 [complement(45277..46011)], trnL-UAA [48811..49321], trnV-UAC [complement(53181..53755)], clpP [complement(73737..74413)], clpP [complement(74704..75538)], petB [78546..79354], petD [80198..80945], rpl16 [complement(85367..86456)], rpl2 [complement(88804..89479)], ndhB [complement(99534..100212)], trnI-GAU [106495..107435], trnA-UGC [107573..108378], ndhA [complement(124865..125946)], trnA-UGC [complement(139132..139937)], trnI-GAU [complement(140075..141015)], ndhB [147298..147976], rpl2 [158031..158706]
1099.	DIAL	28	rps12 [complement(97763..98005)], rps12 [complement(69387..69500)], trnK-UUU [complement(1608..1637)], trnK-UUU [complement(4189..4225)], ycf3 [complement(43168..43397)], rps12 [138264..138506]	trnK-UUU [complement(1638..4188)], rps16 [complement(5251..6146)], rpoC1 [16385..17126], atpF [26849..27557], trnG- UCC [complement(30050..30782)], ycf3 [complement(42429..43167)], ycf3 [complement(43398..44087)], trnL-UAA [47152..47589], trnV-UAC [complement(51128..51695)], clpP [complement(69930..70545)], clpP [complement(70837..71649)], petB [74697..75479], petD [76318..77044], rpl2 [complement(84554..85224)], ndhB [complement(94944..95617)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101964..102738], trnA-UGC [102876..103695], ndhA [116001..117060], trnA-UGC [complement(132574..133393)], trnI-GAU [complement(133531..134305)], ndhB [140652..141325], rpl2 [151046..151716]
1100.	DIAN	28	rps12 [complement(97565..97807)], rps12 [complement(69185..69298)], trnK-UUU [complement(1571..1600)], trnK-UUU [complement(4134..4170)], ycf3 [complement(43127..43356)], rps12 [138026..138268]	trnK-UUU [complement(1601..4133)], rps16 [complement(5202..6098)], rpoC1 [16343..17079], atpF [26796..27504], trnG-UCC [complement(29996..30728)], ycf3 [complement(42388..43126)], ycf3 [complement(43357..44046)], trnL-UAA [47136..47573], trnV-UAC [complement(51114..51686)], clpP [complement(69728..70344)], clpP [complement(70636..71448)], petB [74495..75277], petD [76116..76842], rpl2 [complement(84356..85026)], ndhB [complement(94746..95419)], trnI-GAU [101767..102542], trnA-UGC [102680..103499], ndhA [115805..116866], trnA-UGC [complement(132334..133153)], trnI-GAU [complement(133291..134066)], ndhB [140414..141087], rpl2 [150808..151478]
1101.	DIAP	28	rps12 [complement(97773..98015)], rps12 [complement(69399..69512)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4141..4177)], ycf3 [complement(43127..43356)], rps12 [138276..138518]	trnK-UUU [complement(1608..4140)], rps16 [complement(5208..6102)], rpoC1 [16336..17077], atpF [26796..27504], trnG-UCC [complement(29994..30726)], ycf3 [complement(42388..43126)], ycf3 [complement(43357..44046)], trnL-UAA [47133..47570], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(51108..51675)], clpP [complement(69942..70557)], clpP [complement(70849..71661)], petB [74708..75490], petD [76329..77055], rpl2 [complement(84564..85234)], ndhB [complement(94954..95627)], trnI-GAU [101974..102748], trnA-UGC [102886..103705], ndhA [116011..117071], trnA-UGC [complement(132586..133405)], trnI-GAU [complement(133543..134317)], ndhB [140664..141337], rpl2 [151058..151728]
1102.	DIAS	69	rps12 [complement(97264..97289)], rps12 [complement(97828..98059)], rps12 [complement(69041..69154)], trnK-UUU [complement(1378..1412)], trnK-UUU [complement(3991..4027)], trnG-UCC [8623..8646], trnG-UCC [9413..9460], atpF [complement(11402..11812)], atpF [complement(12653..12799)], rpoC1 [complement(20370..21992)], rpoC1 [complement(22728..23162)], ycf3 [complement(42472..42630)], ycf3 [complement(43373..43600)], ycf3 [complement(44310..44441)], trnL-UAA [46985..47019], trnL-UAA [47566..47615], trnV-UAC [complement(51130..51166)], trnV-UAC [complement(51753..51791)], rps12 [138796..139027], rps12 [139566..139591], clpP [complement(69301..69552)], clpP [complement(70175..70466)], clpP [complement(71210..71280)], petB [74238..74243], petB [75026..75667], petD [75862..75867], petD [76596..77117], rpl16 [complement(80567..80968)], rpl16 [complement(81986..81994)], rpl2 [complement(83795..84226)], rpl2 [complement(84888..85280)], ndhB [complement(94181..94936)], ndhB [complement(95644..96420)], trnI-GAU [101901..101942], trnI-GAU [102885..102919], trnA-UGC [102984..103021], trnA-UGC [103814..103848], ndhA [116213..116764], ndhA [117839..118378], trnA-UGC [complement(133007..133041)], trnA-UGC [complement(133834..133871)], trnI-GAU [complement(133936..133970)], trnI-GAU	trnK-UUU [complement(1413..3990)], trnG- UCC [8647..9412], atpF [complement(11813..12652)], rpoC1 [complement(21993..22727)], ycf3 [complement(42631..43372)], ycf3 [complement(43601..44309)], trnL-UAA [47020..47565], trnV-UAC [complement(51167..51752)], clpP [complement(69553..70174)], clpP [complement(70467..71209)], petB [74244..75025], petD [75868..76595], rpl16 [complement(80969..81985)], rpl2 [complement(84227..84887)], ndhB [complement(94937..95643)], trnI-GAU [101943..102884], trnA-UGC [103022..103813], ndhA [116765..117838], trnA-UGC [complement(133042..133833)], trnI-GAU [complement(133971..134912)], ndhB [141212..141918], rpl2 [151968..152628]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134913..134954)], ndhB [140435..141211], ndhB [141919..142674], rpl2 [151575..151967], rpl2 [152629..153060]	
1103.	DIAU	32	rps12 [complement(89583..89921)], rps12 [complement(66124..66240)], rps16 [complement(4496..4707)], rps16 [complement(5538..5586)], atpF [32181..32340], atpF [33161..33567], ycf3 [complement(41309..41461)], ycf3 [complement(42193..42421)], ycf3 [complement(43157..43290)], rps12 [126021..126299], rpl16 [complement(76252..76673)], rpl16 [complement(77673..77682)], rpl2 [complement(79649..80076)], rpl2 [complement(80734..81145)], ndhB [complement(85958..86715)], ndhB [complement(87417..88194)], ndhA [complement(110870..111408)], ndhA [complement(112390..112942)], ndhB [127689..128463], ndhB [129167..129924], rpl2 [134732..135140], rpl2 [135801..136228]	rps16 [complement(4708..5537)], atpF [32341..33160], ycf3 [complement(41462..42192)], ycf3 [complement(42422..43156)], rpl16 [complement(76674..77672)], rpl2 [complement(80077..80733)], ndhB [complement(86716..87416)], ndhA [complement(111409..112389)], ndhB [128464..129166], rpl2 [135141..135800]
1104.	DIAZ	28	rps12 [complement(97718..97960)], rps12 [complement(69420..69533)], trnK-UUU [complement(1580..1609)], trnK-UUU [complement(4164..4200)], ycf3 [complement(43277..43506)], rps12 [138106..138348]	trnK-UUU [complement(1610..4163)], rps16 [complement(5216..6122)], rpoC1 [16378..17126], atpF [26851..27559], trnG-UCC [complement(30050..30782)], ycf3 [complement(42538..43276)], ycf3 [complement(43507..44196)], trnL-UAA [47186..47623], trnV-UAC [complement(51183..51754)], clpP [complement(69963..70579)], clpP [complement(70871..71681)], petB [74729..75457], petD [76296..77028], rpl2 [complement(84491..85161)], ndhB [complement(94899..95572)], trnI-GAU [101924..102698], trnA-UGC [102836..103655], ndhA [115961..117033], trnA-UGC [complement(132411..133230)], trnI-GAU [complement(133368..134142)], ndhB [140494..141167], rpl2 [150906..151576]
1105.	DIBA	64	rps12 [complement(90567..90595)], rps12 [complement(91136..91367)],	trnK-UUU [complement(1421..3907)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(67956..68069)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3908..3945)], rps16 [complement(4492..4709)], rps16 [complement(5546..5585)], trnG-UCC [complement(13132..13179)], trnG-UCC [complement(13863..13885)], atpF [33538..33696], atpF [34541..34948], ycf3 [complement(42777..42935)], ycf3 [complement(43667..43894)], ycf3 [complement(44634..44759)], trnL-UAA [47418..47452], trnL-UAA [48002..48051], trnV-UAC [complement(51667..51713)], trnV-UAC [complement(52301..52339)], rps12 [127542..127773], rps12 [128314..128342], petB [71937..71942], petB [72740..73387], petD [73587..73594], petD [74341..74815], rpl16 [complement(78546..78947)], rpl16 [complement(81909..81917)], rpl2 [complement(84025..84456)], rpl2 [complement(85117..85509)], ndhB [complement(87494..88250)], ndhB [complement(88963..89738)], trnI-GAU [95197..95238], trnI-GAU [95947..95981], trnA-UGC [96047..96084], trnA-UGC [96895..96929], ndhA [complement(112540..113079)], ndhA [complement(114097..114645)], trnA-UGC [complement(121980..122014)], trnA-UGC [complement(122825..122862)], trnI-GAU [complement(122928..122962)], trnI-GAU [complement(123671..123712)], ndhB [129171..129947], ndhB [130660..131415], rpl2 [133400..133792], rpl2 [134453..134884]	[complement(4710..5545)], trnG-UCC [complement(13180..13862)], atpF [33697..34540], ycf3 [complement(42936..43666)], ycf3 [complement(43895..44633)], trnL-UAA [47453..48001], trnV-UAC [complement(51714..52300)], petB [71943..72739], petD [73595..74340], rpl16 [complement(78948..81908)], rpl2 [complement(84457..85116)], ndhB [complement(88251..88962)], trnI-GAU [95239..95946], trnA-UGC [96085..96894], ndhA [complement(113080..114096)], trnA-UGC [complement(122015..122824)], trnI-GAU [complement(122963..123670)], ndhB [129948..130659], rpl2 [133793..134452]
1106.	DIBL	2	rps12 [complement(72715..72828)], rps12 [144294..144319]	-
1107.	DIBR	28	rps12 [complement(97552..97794)], rps12 [complement(69238..69351)], trnK-UUU [complement(1571..1600)], trnK-UUU [complement(4138..4174)], ycf3 [complement(43282..43511)], rps12 [137955..138197]	trnK-UUU [complement(1601..4137)], rps16 [complement(5217..6124)], rpoC1 [16399..17142], atpF [26869..27581], trnG-UCC [complement(30075..30807)], ycf3 [complement(42543..43281)], ycf3 [complement(43512..44201)], trnL-UAA [47098..47535], trnV-UAC [complement(51072..51643)], clpP [complement(69781..70392)], clpP [complement(70684..71497)], petB [74556..75286], petD [76125..76839], rpl2 [complement(84325..84995)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(94733..95406)], trnI-GAU [101753..102527], trnA-UGC [102665..103484], ndhA [115797..116880], trnA-UGC [complement(132265..133084)], trnI-GAU [complement(133222..133996)], ndhB [140343..141016], rpl2 [150755..151425]
1108.	DIBU	69	rps12 [complement(96967..96992)], rps12 [complement(97531..97762)], rps12 [complement(68699..68812)], trnK-UUU [complement(1386..1420)], trnK-UUU [complement(4000..4036)], trnG-UCC [8120..8143], trnG-UCC [8909..8956], atpF [complement(10892..11302)], atpF [complement(12268..12414)], rpoC1 [complement(19970..21592)], rpoC1 [complement(22318..22752)], ycf3 [complement(42014..42172)], ycf3 [complement(42915..43142)], ycf3 [complement(43851..43982)], trnL-UAA [46482..46516], trnL-UAA [47060..47109], trnV-UAC [complement(50760..50796)], trnV-UAC [complement(51383..51421)], rps12 [138540..138771], rps12 [139310..139335], clpP [complement(68957..69208)], clpP [complement(69844..70135)], clpP [complement(70864..70934)], petB [73906..73911], petB [74697..75338], petD [75534..75539], petD [76281..76802], rpl16 [complement(80256..80657)], rpl16 [complement(81686..81694)], rpl2 [complement(83504..83935)], rpl2 [complement(84601..84993)], ndhB [complement(93899..94654)], ndhB [complement(95354..96130)], trnI-GAU [101599..101640], trnI-GAU [102583..102617], trnA-UGC [102682..102719], trnA-UGC [103512..103546], ndhA [115886..116437], ndhA [117520..118059], trnA-UGC [complement(132756..132790)], trnA-UGC [complement(133583..133620)], trnI-GAU [complement(133685..133719)], trnI-GAU [complement(134662..134703)], ndhB [140172..140948], ndhB [141648..142403], rpl2 [151309..151701], rpl2 [152367..152798]	trnK-UUU [complement(1421..3999)], trnG-UCC [8144..8908], atpF [complement(11303..12267)], rpoC1 [complement(21593..22317)], ycf3 [complement(42173..42914)], ycf3 [complement(43143..43850)], trnL-UAA [46517..47059], trnV-UAC [complement(50797..51382)], clpP [complement(69209..69843)], clpP [complement(70136..70863)], petB [73912..74696], petD [75540..76280], rpl16 [complement(80658..81685)], rpl2 [complement(83936..84600)], ndhB [complement(94655..95353)], trnI-GAU [101641..102582], trnA-UGC [102720..103511], ndhA [116438..117519], trnA-UGC [complement(132791..133582)], trnI-GAU [complement(133720..134661)], ndhB [140949..141647], rpl2 [151702..152366]
1109.	DIBY	69	rps12 [complement(96275..96300)], rps12 [complement(96839..97067)], rps12 [complement(68016..68129)], trnK-UUU [complement(1378..1412)], trnK-UUU [complement(3992..4028)], trnG-UCC [7915..7937], trnG-UCC	trnK-UUU [complement(1413..3991)], trnG-UCC [7938..8704], atpF [complement(11099..12069)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[8705..8752], atpF [complement(10688..11098)], atpF [complement(12070..12216)], rpoC1 [complement(19771..21393)], rpoC1 [complement(22129..22563)], ycf3 [complement(41928..42086)], ycf3 [complement(42827..43054)], ycf3 [complement(43764..43895)], trnL-UAA [46443..46477], trnL-UAA [47023..47072], trnV-UAC [complement(50659..50695)], trnV-UAC [complement(51282..51320)], rps12 [137616..137844], rps12 [138383..138408], clpP [complement(68276..68527)], clpP [complement(69147..69437)], clpP [complement(70168..70236)], petB [73227..73232], petB [74016..74657], petD [74854..74859], petD [75588..76109], rpl16 [complement(79565..79966)], rpl16 [complement(80984..80992)], rpl2 [complement(82805..83236)], rpl2 [complement(83898..84284)], ndhB [complement(93194..93949)], ndhB [complement(94655..95431)], trnI-GAU [100912..100953], trnI-GAU [101896..101930], trnA-UGC [101995..102032], trnA-UGC [102825..102859], ndhA [115127..115678], ndhA [116756..117295], trnA-UGC [complement(131840..131874)], trnA-UGC [complement(132667..132704)], trnI-GAU [complement(132769..132803)], trnI-GAU [complement(133746..133787)], ndhB [139252..140028], ndhB [140734..141489], rpl2 [150399..150785], rpl2 [151447..151878]</p>	<p>[complement(21394..22128)], ycf3 [complement(42087..42826)], ycf3 [complement(43055..43763)], trnL-UAA [46478..47022], trnV-UAC [complement(50696..51281)], clpP [complement(68528..69146)], clpP [complement(69438..70167)], petB [73233..74015], petD [74860..75587], rpl16 [complement(79967..80983)], rpl2 [complement(83237..83897)], ndhB [complement(93950..94654)], trnI-GAU [100954..101895], trnA-UGC [102033..102824], ndhA [115679..116755], trnA-UGC [complement(131875..132666)], trnI-GAU [complement(132804..133745)], ndhB [140029..140733], rpl2 [150786..151446]</p>
1110.	DICA	28	<p>rps12 [complement(97775..98017)], rps12 [complement(69401..69514)], trnK-UUU [complement(1576..1605)], trnK-UUU [complement(4157..4193)], ycf3 [complement(43174..43403)], rps12 [138248..138490]</p>	<p>trnK-UUU [complement(1606..4156)], rps16 [complement(5225..6123)], rpoC1 [16365..17106], atpF [26828..27536], trnG-UCC [complement(30032..30764)], ycf3 [complement(42435..43173)], ycf3 [complement(43404..44093)], trnL-UAA [47161..47598], trnV-UAC [complement(51134..51706)], clpP [complement(69944..70559)], clpP [complement(70851..71663)], petB [74718..75500], petD [76339..77065], rpl2 [complement(84566..85236)], ndhB [complement(94956..95629)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101976..102751], trnA-UGC [102889..103708], ndhA [116014..117079], trnA-UGC [complement(132557..133376)], trnI-GAU [complement(133514..134289)], ndhB [140636..141309], rpl2 [151030..151700]
1111.	DICB	26	rps12 [complement(75264..75377)], trnK-UUU [complement(1791..1825)], trnK-UUU [complement(4329..4365)], trnG-UCC [9913..9935], trnG-UCC [10659..10706], trnL-UAA [52144..52178], trnL-UAA [52714..52763], trnV-UAC [complement(56569..56605)], trnV-UAC [complement(57220..57258)], rps12 [147447..147472], trnI-GAU [108948..108984], trnI-GAU [109938..109972], trnA-UGC [110037..110074], trnA-UGC [110877..110911], trnA-UGC [complement(140756..140790)], trnA-UGC [complement(141593..141630)], trnI-GAU [complement(141695..141729)], trnI-GAU [complement(142683..142719)]	trnK-UUU [complement(1826..4328)], trnG-UCC [9936..10658], trnL-UAA [52179..52713], trnV-UAC [complement(56606..57219)], trnI-GAU [108985..109937], trnA-UGC [110075..110876], trnA-UGC [complement(140791..141592)], trnI-GAU [complement(141730..142682)]
1112.	DICC	69	rps12 [complement(96410..96435)], rps12 [complement(96974..97202)], rps12 [complement(68172..68285)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(3991..4027)], trnG-UCC [8019..8041], trnG-UCC [8809..8856], atpF [complement(10791..11201)], atpF [complement(12187..12333)], rpoC1 [complement(19891..21513)], rpoC1 [complement(22249..22683)], ycf3 [complement(42046..42204)], ycf3 [complement(42949..43176)], ycf3 [complement(43886..44017)], trnL-UAA [46558..46592], trnL-UAA [47137..47186], trnV-UAC [complement(50790..50826)], trnV-UAC [complement(51414..51452)], rps12 [137831..138059], rps12 [138598..138623], clpP [complement(68432..68683)], clpP [complement(69304..69594)], clpP [complement(70324..70392)], petB [73379..73384], petB [74168..74809], petD [75005..75010], petD [75739..76260], rpl16 [complement(79714..80115)], rpl16 [complement(81134..81142)], rpl2 [complement(82943..83374)], rpl2 [complement(84036..84422)], ndhB [complement(93329..94084)], ndhB [complement(94790..95566)], trnI-GAU [101047..101088], trnI-GAU [102031..102065], trnA-UGC [102130..102167], trnA-UGC [102960..102994],	trnK-UUU [complement(1412..3990)], trnG-UCC [8042..8808], atpF [complement(11202..12186)], rpoC1 [complement(21514..22248)], ycf3 [complement(42205..42948)], ycf3 [complement(43177..43885)], trnL-UAA [46593..47136], trnV-UAC [complement(50827..51413)], clpP [complement(68684..69303)], clpP [complement(69595..70323)], petB [73385..74167], petD [75011..75738], rpl16 [complement(80116..81133)], rpl2 [complement(83375..84035)], ndhB [complement(94085..94789)], trnI-GAU [101089..102030], trnA-UGC [102168..102959], ndhA [115810..116882], trnA-UGC [complement(132061..132852)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [115258..115809], ndhA [116883..117422], trnA-UGC [complement(132026..132060)], trnA-UGC [complement(132853..132890)], trnI-GAU [complement(132955..132989)], trnI-GAU [complement(133932..133973)], ndhB [139467..140243], ndhB [140949..141704], rpl2 [150611..150997], rpl2 [151659..152090]	trnI-GAU [complement(132990..133931)], ndhB [140244..140948], rpl2 [150998..151658]
1113.	DICD	64	rps12 [complement(89148..89176)], rps12 [complement(89717..89948)], rps12 [complement(67211..67324)], trnK-UUU [complement(1448..1480)], trnK-UUU [complement(3974..4011)], rps16 [complement(4555..4772)], rps16 [complement(5607..5646)], trnG-UCC [complement(12880..12927)], trnG-UCC [complement(13605..13627)], atpF [32647..32790], atpF [33617..34024], ycf3 [complement(41794..41952)], ycf3 [complement(42681..42908)], ycf3 [complement(43658..43783)], trnL-UAA [46547..46581], trnL-UAA [47001..47050], trnV-UAC [complement(50623..50659)], trnV-UAC [complement(51256..51294)], rps12 [126645..126876], rps12 [127417..127445], petB [71103..71108], petB [71873..72514], petD [72702..72709], petD [73451..73925], rpl16 [complement(77496..77897)], rpl16 [complement(78891..78899)], rpl2 [complement(80895..81326)], rpl2 [complement(81990..82379)], ndhB [complement(86080..86835)], ndhB [complement(87548..88324)], trnI-GAU [93806..93847], trnI-GAU [94648..94682], trnA-UGC [94749..94786], trnA-UGC [95598..95632], ndhA [complement(111501..112040)], ndhA [complement(113065..113613)], trnA-UGC [complement(120961..120995)], trnA-UGC [complement(121807..121844)], trnI-GAU [complement(121910..121944)], trnI-GAU [complement(122746..122787)], ndhB [128269..129045], ndhB [129758..130513], rpl2 [134214..134603], rpl2 [135267..135698]	trnK-UUU [complement(1481..3973)], rps16 [complement(4773..5606)], trnG-UCC [complement(12928..13604)], atpF [32791..33616], ycf3 [complement(41953..42680)], ycf3 [complement(42909..43657)], trnL-UAA [46582..47000], trnV-UAC [complement(50660..51255)], petB [71109..71872], petD [72710..73450], rpl16 [complement(77898..78890)], rpl2 [complement(81327..81989)], ndhB [complement(86836..87547)], trnI-GAU [93848..94647], trnA-UGC [94787..95597], ndhA [complement(112041..113064)], trnA-UGC [complement(120996..121806)], trnI-GAU [complement(121945..122745)], ndhB [129046..129757], rpl2 [134604..135266]
1114.	DICE	28	rps12 [complement(97615..97857)], rps12 [complement(69211..69324)], trnK-UUU [complement(1592..1621)], trnK-UUU [complement(4167..4203)], ycf3 [complement(43174..43403)], rps12 [138091..138333]	trnK-UUU [complement(1622..4166)], rps16 [complement(5234..6132)], rpoC1 [16422..17163], atpF [26885..27593], trnG-UCC [complement(30073..30805)], ycf3 [complement(42435..43173)], ycf3 [complement(43404..44093)], trnL-UAA [47206..47643], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(51173..51745)], clpP [complement(69754..70372)], clpP [complement(70664..71474)], petB [74516..75305], petD [76144..76886], rpl2 [complement(84387..85057)], ndhB [complement(94795..95469)], trnI-GAU [101821..102596], trnA-UGC [102734..103553], ndhA [115859..116934], trnA-UGC [complement(132395..133214)], trnI-GAU [complement(133352..134127)], ndhB [140479..141153], rpl2 [150892..151562]
1115.	DICH	73	rps12 [complement(100603..100628)], rps12 [complement(101165..101396)], rps12 [complement(72645..72758)], trnK-UUU [complement(1806..1840)], trnK-UUU [complement(4342..4378)], rps16 [complement(5193..5417)], rps16 [complement(6261..6299)], trnG-GCC [9993..10015], trnG-GCC [10691..10738], atpF [complement(12768..13177)], atpF [complement(13904..14048)], rpoC1 [complement(21995..23620)], rpoC1 [complement(24362..24796)], ycf3 [complement(44426..44578)], ycf3 [complement(45314..45541)], ycf3 [complement(46256..46381)], trnL-UAA [49562..49598], trnL-UAA [50104..50153], trnV-UAC [complement(54021..54057)], trnV-UAC [complement(54643..54680)], rps12 [complement(72645..72758)], rps12 [143470..143701], rps12 [144238..144263], clpP [complement(72890..73117)], clpP [complement(73775..74065)], clpP [complement(74880..74948)], petB [77856..77861], petB [78622..79278], petD [79467..79475], petD [80186..80710], rpl16 [complement(84206..84604)], rpl16 [complement(85587..85595)], rpl2 [complement(87246..87680)], rpl2 [complement(88346..88735)], ndhB [complement(97548..98303)], ndhB [complement(98983..99759)], trnI-GAU [105325..105366], trnI-GAU [106299..106333], trnA-UGC [106398..106435], trnA-UGC [107243..107277], ndhA [complement(123022..123561)], ndhA [complement(124689..125240)],	trnK-UUU [complement(1841..4341)], rps16 [complement(5418..6260)], trnG-GCC [10016..10690], atpF [complement(13178..13903)], rpoC1 [complement(23621..24361)], ycf3 [complement(44579..45313)], ycf3 [complement(45542..46255)], trnL-UAA [49599..50103], trnV-UAC [complement(54058..54642)], clpP [complement(73118..73774)], clpP [complement(74066..74879)], petB [77862..78621], petD [79476..80185], rpl16 [complement(84605..85586)], rpl2 [complement(87681..88345)], ndhB [complement(98304..98982)], trnI-GAU [105367..106298], trnA-UGC [106436..107242], ndhA [complement(123562..124688)], trnA-UGC [complement(137624..138430)], trnI-GAU [complement(138568..139499)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(137589..137623)], trnA-UGC [complement(138431..138468)], trnI-GAU [complement(138533..138567)], trnI-GAU [complement(139500..139541)], ndhB [145107..145883], ndhB [146563..147318], rpl2 [156131..156520], rpl2 [157186..157620]	[145884..146562], rpl2 [156521..157185]
1116.	DICI	28	rps12 [complement(98039..98281)], rps12 [complement(69577..69690)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4136..4172)], ycf3 [complement(43249..43478)], rps12 [138534..138776]	trnK-UUU [complement(1602..4135)], rps16 [complement(5203..6103)], rpoC1 [16385..17126], atpF [26849..27557], trnG-UCC [complement(30045..30777)], ycf3 [complement(42510..43248)], ycf3 [complement(43479..44174)], trnL-UAA [47278..47715], trnV-UAC [complement(51262..51834)], clpP [complement(70120..70739)], clpP [complement(71031..71844)], petB [74914..75710], petD [76549..77291], rpl2 [complement(84811..85481)], ndhB [complement(95219..95893)], trnI-GAU [102245..103020], trnA-UGC [103158..103977], ndhA [116283..117355], trnA-UGC [complement(132838..133657)], trnI-GAU [complement(133795..134570)], ndhB [140922..141596], rpl2 [151335..152005]
1117.	DICJ	28	rps12 [complement(97636..97878)], rps12 [complement(69232..69345)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4142..4178)], ycf3 [complement(43157..43386)], rps12 [138051..138293]	trnK-UUU [complement(1608..4141)], rps16 [complement(5210..6109)], rpoC1 [16434..17183], atpF [26919..27627], trnG-UCC [complement(30110..30868)], ycf3 [complement(42418..43156)], ycf3 [complement(43387..44076)], trnL-UAA [46977..47414], trnV-UAC [complement(50983..51555)], clpP [complement(69775..70392)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(70684..71495)], petB [74533..75322], petD [76161..76895], rpl2 [complement(84409..85079)], ndhB [complement(94817..95490)], trnI-GAU [101811..102586], trnA-UGC [102724..103543], ndhA [115848..116907], trnA-UGC [complement(132386..133205)], trnI-GAU [complement(133343..134118)], ndhB [140439..141112], rpl2 [150851..151521]
1118.	DICL	28	rps12 [complement(97849..98091)], rps12 [complement(69437..69550)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4160..4196)], ycf3 [complement(43201..43430)], rps12 [138295..138537]	trnK-UUU [complement(1608..4159)], rps16 [complement(5228..6122)], rpoC1 [16380..17121], atpF [26854..27562], trnG-UCC [complement(30055..30787)], ycf3 [complement(42462..43200)], ycf3 [complement(43431..44120)], trnL-UAA [47206..47643], trnV-UAC [complement(51193..51765)], clpP [complement(69980..70595)], clpP [complement(70887..71699)], petB [74745..75534], petD [76373..77103], rpl2 [complement(84622..85292)], ndhB [complement(95030..95703)], trnI-GAU [102055..102830], trnA-UGC [102968..103787], ndhA [116063..117123], trnA-UGC [complement(132599..133418)], trnI-GAU [complement(133556..134331)], ndhB [140683..141356], rpl2 [151095..151765]
1119.	DICM	40	rps12 [complement(100500..100525)], rps12 [complement(101062..101293)], rps12 [complement(72504..72617)], trnK-UUU [complement(1915..1957)], trnK-UUU [complement(4462..4498)], trnG-GCC [9027..9049], trnG-GCC	trnK-UUU [complement(1958..4461)], trnG-GCC [9050..9756], atpF [complement(12161..12853)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[9757..9804], trnL-UAA [49416..49450], trnL-UAA [49929..49978], trnV-UAC [complement(54454..54490)], trnV-UAC [complement(55078..55116)], rps12 [complement(72504..72617)], rps12 [142792..143023], rps12 [143560..143585], trnI-GAU [104896..104937], trnI-GAU [105878..105912], trnI-GAU [complement(138173..138207)], trnI-GAU [complement(139148..139189)]	[complement(22647..23384)], ycf3 [complement(44453..45199)], ycf3 [complement(45428..46151)], trnL-UAA [49451..49928], trnV-UAC [complement(54491..55077)], clpP [complement(73030..73709)], clpP [complement(74007..74695)], petB [77646..78469], petD [79328..80060], rpl16 [complement(84432..85450)], rpl2 [complement(87638..88297)], ndhB [complement(98657..99341)], trnI-GAU [104938..105877], trnA-UGC [106015..106819], ndhA [complement(123335..124214)], trnA-UGC [complement(137266..138070)], trnI-GAU [complement(138208..139147)], ndhB [144729..145428], rpl2 [155790..156350]
1120.	DICN	28	rps12 [complement(97705..97947)], rps12 [complement(69333..69446)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43166..43395)], rps12 [138168..138410]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6122)], rpoC1 [16357..17098], atpF [26809..27517], trnG-UCC [complement(30009..30741)], ycf3 [complement(42427..43165)], ycf3 [complement(43396..44085)], trnL-UAA [47159..47596], trnV-UAC [complement(51135..51707)], clpP [complement(69876..70492)], clpP [complement(70784..71596)], petB [74640..75422], petD [76261..76987], rpl2 [complement(84496..85166)], ndhB [complement(94886..95559)], trnI-GAU [101906..102681], trnA-UGC [102819..103638], ndhA [115944..117004],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnA-UGC [complement(132477..133296)], trnI-GAU [complement(133434..134209)], ndhB [140556..141229], rpl2 [150950..151620]
1121.	DICO	28	rps12 [complement(97806..98048)], rps12 [complement(69435..69548)], trnK-UUU [complement(1564..1593)], trnK-UUU [complement(4128..4164)], ycf3 [complement(43163..43392)], rps12 [138282..138524]	trnK-UUU [complement(1594..4127)], rps16 [complement(5196..6094)], rpoC1 [16371..17094], atpF [26820..27528], trnG-UCC [complement(29995..30727)], ycf3 [complement(42424..43162)], ycf3 [complement(43393..44078)], trnL-UAA [47165..47602], trnV-UAC [complement(51140..51712)], clpP [complement(69978..70592)], clpP [complement(70884..71697)], petB [74735..75517], petD [76356..77078], rpl2 [complement(84590..85260)], ndhB [complement(94980..95653)], trnI-GAU [102012..102787], trnA-UGC [102925..103744], ndhA [116062..117125], trnA-UGC [complement(132586..133405)], trnI-GAU [complement(133543..134318)], ndhB [140677..141350], rpl2 [151071..151741]
1122.	DICP	66	rps12 [complement(94583..94608)], rps12 [complement(95144..95375)], rps12 [complement(68581..68694)], trnK-UUU [complement(1574..1608)], trnK-UUU [complement(4025..4061)], rps16 [complement(4619..4845)], rps16 [complement(5681..5720)], atpF [complement(11374..11784)], atpF [complement(12466..12609)], rpoC1 [complement(20036..21655)], rpoC1 [complement(22392..22823)], ycf3 [complement(41627..41779)], ycf3 [complement(42572..42799)], ycf3 [complement(43553..43681)], trnL-UAA [46535..46571], trnL-UAA [47114..47163], trnV-UAC [complement(50275..50311)], trnV-UAC [complement(50916..50954)], rps12	trnK-UUU [complement(1609..4024)], rps16 [complement(4846..5680)], atpF [complement(11785..12465)], rpoC1 [complement(21656..22391)], ycf3 [complement(41780..42571)], ycf3 [complement(42800..43552)], trnL-UAA [46572..47113], trnV-UAC [complement(50312..50915)], clpP [complement(69055..69646)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[137005..137236], rps12 [137772..137797], clpP [complement(68827..69054)], clpP [complement(69647..69937)], clpP [complement(70816..70884)], petB [73790..73795], petB [74508..75149], petD [75360..75367], petD [76122..76596], rpl16 [complement(79947..80348)], rpl16 [complement(81278..81286)], ndhB [complement(91609..92364)], ndhB [complement(93028..93804)], trnI-GAU [98978..99019], trnI-GAU [99933..99967], trnA-UGC [100038..100075], trnA-UGC [100884..100918], ndhA [complement(117091..117630)], ndhA [complement(118679..119230)], Ycf1 [complement(120979..123693)], Ycf1 [complement(123727..126600)], trnA-UGC [complement(131462..131496)], trnA-UGC [complement(132305..132342)], trnI-GAU [complement(132413..132447)], trnI-GAU [complement(133366..133402)], ndhB [138576..139352], ndhB [140016..140771]	[complement(69938..70815)], petB [73796..74507], petD [75368..76121], rpl16 [complement(80349..81277)], ndhB [complement(92365..93027)], trnI-GAU [99020..99932], trnA-UGC [100076..100883], ndhA [complement(117631..118678)], Ycf1 [complement(123694..123726)], trnA-UGC [complement(131497..132304)], trnI-GAU [complement(132448..133365)], ndhB [139353..140015]
1123.	DICR	28	rps12 [complement(97249..97491)], rps12 [complement(68931..69044)], trnK-UUU [complement(1573..1602)], trnK-UUU [complement(4135..4171)], ycf3 [complement(43296..43525)], rps12 [137646..137888]	trnK-UUU [complement(1603..4134)], rps16 [complement(5187..6084)], rpoC1 [16320..17068], atpF [26803..27514], trnG-UCC [complement(30006..30738)], ycf3 [complement(42557..43295)], ycf3 [complement(43526..44225)], trnL-UAA [47233..47670], trnV-UAC [complement(51215..51787)], clpP [complement(69474..70090)], clpP [complement(70382..71195)], petB [74249..74985], petD [75824..76553], rpl2 [complement(84022..84692)], ndhB [complement(94430..95103)], trnI-GAU [101455..102229], trnA-UGC [102367..103186], ndhA [115492..116556], trnA-UGC [complement(131951..132770)], trnI-GAU [complement(132908..133682)], ndhB [140034..140707], rpl2 [150446..151116]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1124.	DICS	28	rps12 [complement(97546..97788)], rps12 [complement(69171..69284)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43072..43301)], rps12 [138047..138289]	trnK-UUU [complement(1608..4158)], rps16 [complement(5226..6122)], rpoC1 [16359..17100], atpF [26823..27531], trnG-UCC [complement(30024..30756)], ycf3 [complement(42333..43071)], ycf3 [complement(43302..43991)], trnL-UAA [47050..47487], trnV-UAC [complement(51027..51594)], clpP [complement(69714..70329)], clpP [complement(70621..71433)], petB [74480..75262], petD [76101..76827], rpl2 [complement(84337..85007)], ndhB [complement(94727..95400)], trnI-GAU [101747..102521], trnA-UGC [102659..103478], ndhA [115784..116843], trnA-UGC [complement(132357..133176)], trnI-GAU [complement(133314..134088)], ndhB [140435..141108], rpl2 [150829..151499]
1125.	DICT	48	rps12 [complement(97564..97589)], rps12 [complement(98136..98367)], rps12 [complement(69316..69429)], rps16 [complement(4954..5040)], rps16 [complement(5249..5287)], atpF [complement(11547..11956)], atpF [complement(12936..13086)], rpoC1 [complement(20847..22464)], rpoC1 [complement(23199..23635)], ycf3 [complement(42903..43064)], ycf3 [complement(43811..44040)], ycf3 [complement(44772..44898)], rps12 [139332..139563], rps12 [140107..140132], clpP [complement(69562..69813)], clpP [complement(70447..70737)], clpP [complement(71490..71558)], petB [74487..74492], petB [75267..75908], petD [76103..76108], petD [76893..77414], rpl16 [complement(80798..81199)], rpl16 [complement(82215..82223)], rpl2 [complement(84096..84527)], rpl2 [complement(85195..85581)], ndhB [complement(94489..95244)], ndhB [complement(95944..96720)], ndhA [116602..117154], ndhA	rps16 [complement(5041..5248)], atpF [complement(11957..12935)], rpoC1 [complement(22465..23198)], ycf3 [complement(43065..43810)], ycf3 [complement(44041..44771)], clpP [complement(69814..70446)], clpP [complement(70738..71489)], petB [74493..75266], petD [76109..76892], rpl16 [complement(81200..82214)], rpl2 [complement(84528..85194)], ndhB [complement(95245..95943)], ndhA [117155..118235], ndhB [141753..142451], rpl2 [152506..153172]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[118236..118774], ndhB [140976..141752], ndhB [142452..143207], rpl2 [152109..152505], rpl2 [153173..153600]	
1126.	DICY	28	rps12 [complement(96747..96989)], rps12 [complement(68621..68734)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(42807..43036)], rps12 [137205..137447]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6122)], rpoC1 [16363..17104], atpF [26810..27518], trnG-UCC [complement(30012..30744)], ycf3 [complement(42068..42806)], ycf3 [complement(43037..43726)], trnL-UAA [46660..47097], trnV-UAC [complement(50608..51180)], clpP [complement(69164..69779)], clpP [complement(70071..70882)], petB [73901..74683], petD [75522..76250], rpl2 [complement(83538..84208)], ndhB [complement(93928..94601)], trnI-GAU [100948..101723], trnA-UGC [101861..102680], ndhA [114986..116046], trnA-UGC [complement(131514..132333)], trnI-GAU [complement(132471..133246)], ndhB [139593..140266], rpl2 [149987..150657]
1127.	DIDM	69	rps12 [complement(96456..96481)], rps12 [complement(97020..97248)], rps12 [complement(68172..68285)], trnK-UUU [complement(1381..1415)], trnK-UUU [complement(4026..4062)], trnG-UCC [7976..7998], trnG-UCC [8766..8813], atpF [complement(10749..11159)], atpF [complement(12123..12269)], rpoC1 [complement(19806..21428)], rpoC1 [complement(22158..22592)], ycf3 [complement(41906..42064)], ycf3 [complement(42814..43041)], ycf3 [complement(43751..43882)], trnL-UAA [46447..46481], trnL-UAA [47030..47079], trnV-UAC [complement(50721..50757)], trnV-UAC [complement(51346..51384)], rps12 [137949..138177], rps12 [138716..138741], clpP [complement(68432..68683)], clpP [complement(69328..69618)], clpP [complement(70357..70425)], petB	trnK-UUU [complement(1416..4025)], trnG-UCC [7999..8765], atpF [complement(11160..12122)], rpoC1 [complement(21429..22157)], ycf3 [complement(42065..42813)], ycf3 [complement(43042..43750)], trnL-UAA [46482..47029], trnV-UAC [complement(50758..51345)], clpP [complement(68684..69327)], clpP [complement(69619..70356)], petB [73387..74191], petD [75036..75777], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[73381..73386], petB [74192..74833], petD [75030..75035], petD [75778..76299], rpl16 [complement(79760..80161)], rpl16 [complement(81179..81187)], rpl2 [complement(82999..83430)], rpl2 [complement(84092..84478)], ndhB [complement(93376..94131)], ndhB [complement(94831..95607)], trnI-GAU [101096..101137], trnI-GAU [102080..102114], trnA-UGC [102179..102216], trnA-UGC [102998..103032], ndhA [115282..115833], ndhA [116894..117433], trnA-UGC [complement(132157..132191)], trnA-UGC [complement(132973..133010)], trnI-GAU [complement(133075..133109)], trnI-GAU [complement(134052..134093)], ndhB [139590..140366], ndhB [141066..141821], rpl2 [150719..151105], rpl2 [151767..152198]	[complement(80162..81178)], rpl2 [complement(83431..84091)], ndhB [complement(94132..94830)], trnI-GAU [101138..102079], trnA-UGC [102217..102997], ndhA [115834..116893], trnA-UGC [complement(132192..132972)], trnI-GAU [complement(133110..134051)], ndhB [140367..141065], rpl2 [151106..151766]
1128.	DIDU	73	rps12 [complement(100437..100462)], rps12 [complement(100999..101230)], rps12 [complement(72507..72620)], trnK-UUU [complement(1794..1828)], trnK-UUU [complement(4333..4369)], rps16 [complement(5209..5434)], rps16 [complement(6279..6316)], trnG-GCC [10061..10083], trnG-GCC [10764..10811], atpF [complement(12825..13233)], atpF [complement(13954..14111)], rpoC1 [complement(21964..23589)], rpoC1 [complement(24341..24775)], ycf3 [complement(44375..44527)], ycf3 [complement(45266..45493)], ycf3 [complement(46213..46338)], trnL-UAA [complement(49510..49546)], trnL-UAA [complement(50056..50105)], trnV-UAC [complement(53988..54024)], trnV-UAC [complement(54611..54648)], rps12 [complement(72507..72620)], rps12 [143600..143831], rps12 [144368..144393], clpP [complement(72752..72980)], clpP [complement(73636..73926)], clpP [complement(74739..74806)], petB [77718..77723], petB [78471..79127], petD [79316..79324], petD [80041..80565], rpl16 [complement(84028..84429)], rpl16 [complement(85396..85404)], rpl2 [complement(87062..87496)], rpl2 [complement(88159..88551)], ndhB [complement(97382..98137)], ndhB [complement(98817..99593)], trnI-GAU [105179..105220], trnI-GAU [106153..106187], trnA-UGC [106252..106289], trnA-UGC [107102..107136], ndhA [complement(123068..123606)], ndhA [complement(124742..125294)], trnA-UGC [complement(137694..137728)], trnA-UGC	trnK-UUU [complement(1829..4332)], rps16 [complement(5435..6278)], trnG-GCC [10084..10763], atpF [complement(13234..13953)], rpoC1 [complement(23590..24340)], ycf3 [complement(44528..45265)], ycf3 [complement(45494..46212)], trnL-UAA [complement(49547..50055)], trnV-UAC [complement(54025..54610)], clpP [complement(72981..73635)], clpP [complement(73927..74738)], petB [77724..78470], petD [79325..80040], rpl16 [complement(84430..85395)], rpl2 [complement(87497..88158)], ndhB [complement(98138..98816)], trnI-GAU [105221..106152], trnA-UGC [106290..107101], ndhA [complement(123607..124741)], trnA-UGC [complement(137729..138540)], trnI-GAU [complement(138678..139609)], ndhB [146014..146692], rpl2 [156672..157333]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(138541..138578)], trnI-GAU [complement(138643..138677)], trnI-GAU [complement(139610..139651)], ndhB [145237..146013], ndhB [146693..147448], rpl2 [156279..156671], rpl2 [157334..157768]	
1129.	DIDY	72	rps12 [complement(99530..99555)], rps12 [complement(100102..100333)], rps12 [complement(71593..71706)], trnK-UUU [complement(1899..1936)], trnK-UUU [complement(4435..4471)], rps16 [complement(5496..5705)], rps16 [complement(6503..6541)], trnG [9767..9789], trnG [10510..10557], atpF [complement(12664..13071)], atpF [complement(13810..13968)], rpoC1 [complement(21619..23244)], rpoC1 [complement(23933..24367)], ycf3 [complement(44027..44179)], ycf3 [complement(44913..45140)], ycf3 [complement(45871..45996)], trnL-UAA [49303..49339], trnL-UAA [49860..49908], trnV-UAC [complement(53677..53713)], trnV-UAC [complement(54305..54343)], rps12 [142268..142499], rps12 [143046..143071], clpP [complement(71871..72098)], clpP [complement(72711..73001)], clpP [complement(73845..73913)], petB [76828..76833], petB [77616..78272], petD [78471..78479], petD [79165..79689], rpl16 [complement(83148..83549)], rpl16 [complement(84620..84628)], rpl2 [complement(86298..86732)], rpl2 [complement(87394..87786)], ndhB [complement(96463..97218)], ndhB [complement(97901..98677)], trnI-GAU [104233..104274], trnI-GAU [105227..105261], trnA-UGC [105326..105363], trnA-UGC [106171..106205], ndhA [complement(122048..122587)], ndhA [complement(123673..124224)], trnA-UGC [complement(136396..136430)], trnA-UGC [complement(137238..137275)], trnI-GAU [complement(137340..137374)], trnI-GAU [complement(138327..138368)], ndhB [143924..144700], ndhB [145383..146138], rpl2 [154815..155204], rpl2 [155869..156303]	trnK-UUU [complement(1937..4434)], rps16 [complement(5706..6502)], trnG [9790..10509], atpF [complement(13072..13809)], rpoC1 [complement(23245..23932)], ycf3 [complement(44180..44912)], ycf3 [complement(45141..45870)], trnL-UAA [49340..49859], trnV-UAC [complement(53714..54304)], clpP [complement(72099..72710)], clpP [complement(73002..73844)], petB [76834..77615], petD [78480..79164], rpl16 [complement(83550..84619)], rpl2 [complement(86733..87393)], ndhB [complement(97219..97900)], trnI-GAU [104275..105226], trnA-UGC [105364..106170], ndhA [complement(122588..123672)], trnA-UGC [complement(136431..137237)], trnI-GAU [complement(137375..138326)], ndhB [144701..145382], rpl2 [155205..155868]
1130.	DIEI	28	rps12 [complement(97626..97868)], rps12 [complement(69310..69423)], trnK-UUU [complement(1571..1600)], trnK-UUU [complement(4134..4170)], ycf3 [complement(43160..43389)], rps12 [137963..138205]	trnK-UUU [complement(1601..4133)], rps16 [complement(5199..6095)], rpoC1 [16341..17089], atpF [26817..27532], trnG-UCC [complement(30021..30753)], ycf3 [complement(42421..43159)], ycf3 [complement(43390..44079)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[47094..47531], trnV-UAC [complement(51062..51634)], clpP [complement(69853..70469)], clpP [complement(70761..71572)], petB [74619..75367], petD [76206..76933], rpl2 [complement(84399..85069)], ndhB [complement(94807..95480)], trnI-GAU [101827..102601], trnA-UGC [102739..103558], ndhA [115855..116921], trnA-UGC [complement(132273..133092)], trnI-GAU [complement(133230..134004)], ndhB [140351..141024], rpl2 [150763..151433]
1131.	DIEL	9	rps12 [complement(96517..96542)], rps12 [complement(97081..97312)], ycf3 [complement(43908..44033)], rps12 [138075..138306], rps12 [138845..138870], rpl2 [complement(84147..84539)]	ycf3 [complement(43193..43907)], rpl16 [complement(80203..81231)], trnI-GAU [complement(133251..134193)]
1132.	DIEM	28	rps12 [complement(97918..98160)], rps12 [complement(69463..69576)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4136..4172)], ycf3 [complement(43268..43497)], rps12 [138436..138678]	trnK-UUU [complement(1602..4135)], rps16 [complement(5204..6107)], rpoC1 [16373..17114], atpF [26838..27546], trnG-UCC [complement(30029..30761)], ycf3 [complement(42529..43267)], ycf3 [complement(43498..44187)], trnL-UAA [47240..47677], trnV-UAC [complement(51221..51793)], clpP [complement(70006..70622)], clpP [complement(70914..71729)], petB [74788..75584], petD [76423..77163], rpl2 [complement(84685..85361)], ndhB [complement(95099..95772)], trnI-GAU [102124..102900], trnA-UGC [103038..103857], ndhA [116178..117255], trnA-UGC [complement(132739..133558)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnI-GAU [complement(133696..134472)], ndhB [140824..141497], rpl2 [151236..151912]
1133.	DIER	28	rps12 [complement(97318..97560)], rps12 [complement(68917..69030)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4136..4172)], ycf3 [complement(42948..43177)], rps12 [137789..138031]	trnK-UUU [complement(1602..4135)], rps16 [complement(5205..6130)], rpoC1 [16353..17080], atpF [26815..27523], trnG-UCC [complement(30016..30748)], ycf3 [complement(42209..42947)], ycf3 [complement(43178..43867)], trnL-UAA [46900..47337], trnV-UAC [complement(50869..51441)], clpP [complement(69460..70065)], clpP [complement(70357..71169)], petB [74248..75026], petD [75865..76594], rpl2 [complement(84096..84762)], ndhB [complement(94500..95172)], trnI-GAU [101524..102299], trnA-UGC [102437..103256], ndhA [115567..116630], trnA-UGC [complement(132093..132912)], trnI-GAU [complement(133050..133825)], ndhB [140177..140849], rpl2 [150588..151254]
1134.	DIES	28	rps12 [complement(97725..97967)], rps12 [complement(69413..69526)], trnK-UUU [complement(1571..1600)], trnK-UUU [complement(4134..4170)], ycf3 [complement(43257..43486)], rps12 [138072..138314]	trnK-UUU [complement(1601..4133)], rps16 [complement(5203..6101)], rpoC1 [16381..17129], atpF [26859..27574], trnG-UCC [complement(30071..30798)], ycf3 [complement(42518..43256)], ycf3 [complement(43487..44176)], trnL-UAA [47189..47625], trnV-UAC [complement(51165..51737)], clpP [complement(69956..70573)], clpP [complement(70865..71678)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[74725..75473], petD [76312..77039], rpl2 [complement(84498..85168)], ndhB [complement(94906..95579)], trnI-GAU [101930..102704], trnA-UGC [102842..103661], ndhA [115958..117023], trnA-UGC [complement(132378..133197)], trnI-GAU [complement(133335..134109)], ndhB [140460..141133], rpl2 [150872..151542]
1135.	DIEX	22	rps12 [complement(69534..69647)], rps12 [130890..130918]	trnK-UUU [complement(1411..3893)], rps16 [complement(4710..5523)], trnG-UCC [complement(13272..13954)], atpF [35204..36020], ycf3 [complement(44357..45092)], ycf3 [complement(45321..46060)], trnL-UAA [49006..49480], trnV-UAC [complement(53288..53887)], petB [73370..74133], petD [74978..75708], rpl16 [complement(80152..81226)], rpl2 [complement(83632..84291)], ndhB [complement(90300..91015)], trnI-GAU [97327..98265], trnA-UGC [98404..99213], ndhA [complement(115337..116357)], trnA-UGC [complement(124316..125125)], trnI-GAU [complement(125264..126212)], ndhB [132524..133239], rpl2 [139241..139900]
1136.	DIFA	24	rps12 [139141..139166]	trnK-UUU [complement(1547..3959)], rps16 [complement(4858..5700)], trnG-UCC [8015..8711], atpF [complement(11170..11878)], rpoC1 [complement(21319..22068)], ycf3 [complement(42159..42916)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(43146..43849)], trnL-UAA [46494..47013], trnV-UAC [complement(50750..51341)], clpP [complement(68819..69486)], clpP [complement(69776..70599)], petB [73543..74315], petD [75169..75881], rpl16 [complement(80264..81215)], rpl2 [complement(83413..84070)], ndhB [complement(94364..95066)], trnI-GAU [101483..102394], trnA-UGC [102532..103331], ndhA [complement(118584..119547)], trnA-UGC [complement(132522..133321)], trnI-GAU [complement(133459..134370)], ndhB [140787..141489], rpl2 [151783..152440]
1137.	DIFB	67	rps12 [complement(101445..101470)], rps12 [complement(102007..102238)], rps12 [complement(74262..74375)], trnK-UUU [complement(1536..1570)], trnK-UUU [complement(4162..4198)], rps16 [complement(4791..5020)], rps16 [complement(5869..5908)], trnG-GCC [9686..9708], trnG-GCC [10419..10465], atpF [complement(12447..12857)], atpF [complement(13576..13719)], rpoC1 [complement(21736..23354)], rpoC1 [complement(24133..24562)], ycf3 [complement(43971..44125)], ycf3 [complement(44884..45109)], ycf3 [complement(45856..45981)], trnL-UAA [48584..48619], trnL-UAA [49132..49180], trnV-UAC [complement(53152..53187)], trnV-UAC [complement(53765..53804)], rps18 [72215..72253], rps18 [72317..72518], rps18 [72783..72829], rps12 [complement(74262..74375)], rps12 [142689..142920], rps12 [143457..143488], rpl2 [complement(87917..88351)], rpl2 [complement(89033..89413)], ycf2 [90137..96367], ycf2 [96623..96910], ndhB [complement(98371..99126)], ndhB [complement(99806..100582)], trnI-GAU [106236..106272], trnI-GAU [107220..107254], trnA-UGC [107319..107356], trnA-UGC [108162..108196], ndhA [complement(122610..123148)], ndhA	trnK-UUU [complement(1571..4161)], rps16 [complement(5021..5868)], trnG-GCC [9709..10418], atpF [complement(12858..13575)], rpoC1 [complement(23355..24132)], ycf3 [complement(44126..44883)], ycf3 [complement(45110..45855)], trnL-UAA [48620..49131], trnV-UAC [complement(53188..53764)], rps18 [72254..72316], rps18 [72519..72782], rpl2 [complement(88352..89032)], ycf2 [96368..96622], ndhB [complement(99127..99805)], trnI-GAU [106273..107219], trnA-UGC [107357..108161], ndhA [complement(123149..124213)], trnA-UGC [complement(136772..137576)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(124214..124766)], trnA-UGC [complement(136737..136771)], trnA-UGC [complement(137577..137614)], trnI-GAU [complement(137679..137713)], trnI-GAU [complement(138661..138697)], ndhB [144351..145127], ndhB [145807..146562], ycf2 [complement(148023..148310)], ycf2 [complement(148566..154796)]	[complement(137714..138660)], ndhB [145128..145806], ycf2 [complement(148311..148565)]
1138.	DIFI	1	rps12 [153269..153294]	-
1139.	DIFL	28	rps12 [complement(97316..97558)], rps12 [complement(68943..69056)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(42799..43028)], rps12 [137767..138009]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6122)], rpoC1 [16362..17103], atpF [26808..27516], trnG-UCC [complement(30012..30744)], ycf3 [complement(42060..42798)], ycf3 [complement(43029..43718)], trnL-UAA [46794..47231], trnV-UAC [complement(50770..51342)], clpP [complement(69486..70101)], clpP [complement(70393..71205)], petB [74255..75037], petD [75876..76598], rpl2 [complement(84107..84777)], ndhB [complement(94497..95170)], trnI-GAU [101517..102292], trnA-UGC [102430..103249], ndhA [115555..116615], trnA-UGC [complement(132076..132895)], trnI-GAU [complement(133033..133808)], ndhB [140155..140828], rpl2 [150549..151219]
1140.	DIFO	28	rps12 [complement(97804..98046)], rps12 [complement(69383..69496)], trnK-UUU [complement(1561..1590)], trnK-UUU [complement(4136..4172)], ycf3 [complement(43185..43414)], rps12 [138261..138503]	trnK-UUU [complement(1591..4135)], rps16 [complement(5203..6096)], rpoC1 [16366..17107], atpF [26829..27537], trnG-UCC [complement(30025..30757)], ycf3 [complement(42446..43184)], ycf3 [complement(43415..44104)], trnL-UAA [47219..47656], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(51180..51752)], clpP [complement(69926..70540)], clpP [complement(70832..71643)], petB [74706..75502], petD [76341..77083], rpl2 [complement(84596..85266)], ndhB [complement(94984..95658)], trnI-GAU [102004..102779], trnA-UGC [102917..103736], ndhA [116054..117132], trnA-UGC [complement(132571..133390)], trnI-GAU [complement(133528..134303)], ndhB [140649..141323], rpl2 [151042..151712]
1141.	DIFR	28	rps12 [complement(97881..98123)], rps12 [complement(69492..69605)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4136..4172)], ycf3 [complement(43219..43448)], rps12 [138347..138589]	trnK-UUU [complement(1602..4135)], rps16 [complement(5204..6108)], rpoC1 [16356..17097], atpF [26849..27557], trnG- UCC [complement(30060..30792)], ycf3 [complement(42480..43218)], ycf3 [complement(43449..44138)], trnL-UAA [47250..47687], trnV-UAC [complement(51224..51796)], clpP [complement(70035..70640)], clpP [complement(70932..71745)], petB [74799..75581], petD [76420..77149], rpl2 [complement(84654..85324)], ndhB [complement(95062..95735)], trnI-GAU [102087..102862], trnA-UGC [103000..103819], ndhA [116104..117165], trnA-UGC [complement(132651..133470)], trnI-GAU [complement(133608..134383)], ndhB [140735..141408], rpl2 [151147..151817]
1142.	DIFU	69	rps12 [complement(97702..97727)], rps12 [complement(98274..98505)],	trnK-UUU [complement(1471..4021)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69387..69500)], trnK-UUU [complement(1436..1470)], trnK-UUU [complement(4022..4058)], trnG-UCC [8787..8810], trnG-UCC [9587..9634], atpF [complement(11576..11986)], atpF [complement(12978..13124)], rpoC1 [complement(20862..22478)], rpoC1 [complement(23218..23652)], ycf3 [complement(42892..43050)], ycf3 [complement(43800..44027)], ycf3 [complement(44756..44887)], trnL-UAA [47468..47502], trnL-UAA [48039..48087], trnV-UAC [complement(51577..51613)], trnV-UAC [complement(52200..52238)], rps12 [139421..139652], rps12 [140199..140224], clpP [complement(69633..69884)], clpP [complement(70519..70810)], clpP [complement(71558..71628)], petB [74556..74561], petB [75336..75977], petD [76172..76177], petD [76962..77483], rpl16 [complement(80960..81361)], rpl16 [complement(82357..82365)], rpl2 [complement(84240..84671)], rpl2 [complement(85333..85725)], ndhB [complement(94627..95382)], ndhB [complement(96082..96858)], trnI-GAU [102480..102521], trnI-GAU [103469..103503], trnA-UGC [103568..103605], trnA-UGC [104398..104432], ndhA [116739..117290], ndhA [118370..118909], trnA-UGC [complement(133494..133528)], trnA-UGC [complement(134321..134358)], trnI-GAU [complement(134423..134457)], trnI-GAU [complement(135405..135446)], ndhB [141068..141844], ndhB [142544..143299], rpl2 [152201..152593], rpl2 [153255..153686]</p>	<p>UCC [8811..9586], atpF [complement(11987..12977)], rpoC1 [complement(22479..23217)], ycf3 [complement(43051..43799)], ycf3 [complement(44028..44755)], trnL-UAA [47503..48038], trnV-UAC [complement(51614..52199)], clpP [complement(69885..70518)], clpP [complement(70811..71557)], petB [74562..75335], petD [76178..76961], rpl16 [complement(81362..82356)], rpl2 [complement(84672..85332)], ndhB [complement(95383..96081)], trnI-GAU [102522..103468], trnA-UGC [103606..104397], ndhA [117291..118369], trnA-UGC [complement(133529..134320)], trnI-GAU [complement(134458..135404)], ndhB [141845..142543], rpl2 [152594..153254]</p>
1143.	DIGA	28	<p>rps12 [complement(96966..97208)], rps12 [complement(68579..68692)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4152..4188)], ycf3 [complement(42940..43169)], rps12 [137381..137623]</p>	<p>trnK-UUU [complement(1608..4151)], rps16 [complement(5220..6119)], rpoC1 [16421..17170], atpF [26907..27615], trnG-UCC [complement(30104..30857)], ycf3 [complement(42201..42939)], ycf3 [complement(43170..43859)], trnL-UAA [46738..47175], trnV-UAC [complement(50736..51308)], clpP [complement(69122..69739)], clpP [complement(70031..70842)], petB [73878..74667], petD [75506..76233], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(83739..84409)], ndhB [complement(94147..94820)], trnI-GAU [101141..101916], trnA-UGC [102054..102873], ndhA [115178..116237], trnA-UGC [complement(131716..132535)], trnI-GAU [complement(132673..133448)], ndhB [139769..140442], rpl2 [150181..150851]
1144.	DIGL	73	rps12 [complement(100379..100404)], rps12 [complement(100941..101172)], rps12 [complement(72491..72604)], trnK-UUU [complement(1780..1814)], trnK-UUU [complement(4318..4354)], rps16 [complement(5209..5433)], rps16 [complement(6278..6316)], trnG-GCC [10026..10048], trnG-GCC [10728..10775], atpF [complement(12797..13206)], atpF [complement(13934..14078)], rpoC1 [complement(22018..23643)], rpoC1 [complement(24387..24821)], ycf3 [complement(44348..44500)], ycf3 [complement(45226..45453)], ycf3 [complement(46165..46290)], trnL-UAA [49509..49545], trnL-UAA [50054..50103], trnV-UAC [complement(53953..53989)], trnV-UAC [complement(54567..54604)], rps12 [complement(72491..72604)], rps12 [143396..143627], rps12 [144164..144189], clpP [complement(72736..72963)], clpP [complement(73621..73911)], clpP [complement(74739..74807)], petB [77645..77650], petB [78407..79063], petD [79252..79260], petD [79971..80495], rpl16 [complement(83977..84375)], rpl16 [complement(85366..85374)], rpl2 [complement(87022..87456)], rpl2 [complement(88122..88511)], ndhB [complement(97324..98079)], ndhB [complement(98759..99535)], trnI-GAU [105101..105142], trnI-GAU [106075..106109], trnA-UGC [106174..106211], trnA-UGC [107019..107053], ndhA [complement(122932..123471)], ndhA [complement(124587..125138)], trnA-UGC [complement(137515..137549)], trnA-UGC [complement(138357..138394)], trnI-GAU [complement(138459..138493)], trnI-GAU [complement(139426..139467)], ndhB [145033..145809], ndhB [146489..147244], rpl2 [156057..156446], rpl2 [157112..157546]	trnK-UUU [complement(1815..4317)], rps16 [complement(5434..6277)], trnG-GCC [10049..10727], atpF [complement(13207..13933)], rpoC1 [complement(23644..24386)], ycf3 [complement(44501..45225)], ycf3 [complement(45454..46164)], trnL-UAA [49546..50053], trnV-UAC [complement(53990..54566)], clpP [complement(72964..73620)], clpP [complement(73912..74738)], petB [77651..78406], petD [79261..79970], rpl16 [complement(84376..85365)], rpl2 [complement(87457..88121)], ndhB [complement(98080..98758)], trnI-GAU [105143..106074], trnA-UGC [106212..107018], ndhA [complement(123472..124586)], trnA-UGC [complement(137550..138356)], trnI-GAU [complement(138494..139425)], ndhB [145810..146488], rpl2 [156447..157111]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1145.	DIGN	28	rps12 [complement(97634..97876)], rps12 [complement(69226..69339)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(43235..43464)], rps12 [138125..138367]	trnK-UUU [complement(1643..4187)], rps16 [complement(5255..6148)], rpoC1 [16427..17168], atpF [26896..27604], trnG-UCC [complement(30085..30817)], ycf3 [complement(42496..43234)], ycf3 [complement(43465..44154)], trnL-UAA [47276..47713], trnV-UAC [complement(51257..51829)], clpP [complement(69769..70390)], clpP [complement(70682..71495)], petB [74538..75321], petD [76160..76902], rpl2 [complement(84406..85076)], ndhB [complement(94814..95488)], trnI-GAU [101840..102615], trnA-UGC [102753..103572], ndhA [115878..116953], trnA-UGC [complement(132429..133248)], trnI-GAU [complement(133386..134161)], ndhB [140513..141187], rpl2 [150926..151596]
1146.	DIGO	28	rps12 [complement(97503..97745)], rps12 [complement(69099..69212)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(43160..43389)], rps12 [137987..138229]	trnK-UUU [complement(1643..4187)], rps16 [complement(5255..6151)], rpoC1 [16426..17167], atpF [26889..27597], trnG-UCC [complement(30077..30809)], ycf3 [complement(42421..43159)], ycf3 [complement(43390..44079)], trnL-UAA [47179..47616], trnV-UAC [complement(51162..51734)], clpP [complement(69642..70261)], clpP [complement(70553..71362)], petB [74404..75193], petD [76032..76774], rpl2 [complement(84275..84945)], ndhB [complement(94683..95357)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101709..102484], trnA-UGC [102622..103441], ndhA [115747..116822], trnA-UGC [complement(132291..133110)], trnI-GAU [complement(133248..134023)], ndhB [140375..141049], rpl2 [150788..151458]
1147.	DIGR	40	rps12 [complement(100189..100214)], rps12 [complement(100751..100982)], rps12 [complement(72165..72278)], trnK-UUU [complement(1904..1946)], trnK-UUU [complement(4450..4486)], trnG-GCC [9046..9068], trnG-GCC [9777..9824], trnL-UAA [49099..49133], trnL-UAA [49612..49661], trnV-UAC [complement(54066..54102)], trnV-UAC [complement(54689..54727)], rps12 [complement(72165..72278)], rps12 [142544..142775], rps12 [143312..143337], trnI-GAU [104560..104601], trnI-GAU [105542..105576], trnI-GAU [complement(137950..137984)], trnI-GAU [complement(138925..138966)]	trnK-UUU [complement(1947..4449)], trnG-GCC [9069..9776], atpF [complement(12164..12855)], rpoC1 [complement(22653..23383)], ycf3 [complement(44126..44873)], ycf3 [complement(45102..45825)], trnL-UAA [49134..49611], trnV-UAC [complement(54103..54688)], clpP [complement(72691..73358)], clpP [complement(73656..74343)], petB [77290..78138], petD [79000..79741], rpl16 [complement(84113..85141)], rpl2 [complement(87327..87986)], ndhB [complement(98346..99030)], trnI-GAU [104602..105541], trnA-UGC [105679..106484], ndhA [complement(123039..123919)], trnA-UGC [complement(137042..137847)], trnI-GAU [complement(137985..138924)], ndhB [144481..145180], rpl2 [155542..156102]
1148.	DIGU	28	rps12 [complement(97732..97974)], rps12 [complement(69294..69407)], trnK-UUU [complement(1580..1609)], trnK-UUU [complement(4162..4198)], ycf3 [complement(43127..43356)], rps12 [138210..138452]	trnK-UUU [complement(1610..4161)], rps16 [complement(5230..6127)], rpoC1 [16362..17103], atpF [26831..27543], trnG-UCC [complement(30038..30770)], ycf3 [complement(42389..43126)], ycf3 [complement(43357..44047)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[47102..47539], trnV-UAC [complement(51106..51678)], clpP [complement(69837..70459)], clpP [complement(70751..71568)], petB [74620..75409], petD [76248..76981], rpl2 [complement(84505..85175)], ndhB [complement(94913..95586)], trnI-GAU [101938..102714], trnA-UGC [102852..103671], ndhA [115977..117043], trnA-UGC [complement(132513..133332)], trnI-GAU [complement(133470..134246)], ndhB [140598..141271], rpl2 [151010..151680]
1149.	DIGY	28	rps12 [complement(97165..97407)], rps12 [complement(68705..68818)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(43032..43261)], rps12 [137643..137885]	trnK-UUU [complement(1643..4187)], rps16 [complement(5255..6208)], rpoC1 [16478..17219], atpF [26941..27649], trnG-UCC [complement(30131..30863)], ycf3 [complement(42293..43031)], ycf3 [complement(43262..43951)], trnL-UAA [46909..47346], trnV-UAC [complement(50898..51470)], clpP [complement(69241..69862)], clpP [complement(70154..70966)], petB [74027..74810], petD [75649..76451], rpl2 [complement(83937..84607)], ndhB [complement(94345..95019)], trnI-GAU [101365..102140], trnA-UGC [102278..103097], ndhA [115403..116478], trnA-UGC [complement(131953..132772)], trnI-GAU [complement(132910..133685)], ndhB [140031..140705], rpl2 [150444..151114]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1150.	DIHA	28	rps12 [complement(97606..97848)], rps12 [complement(69304..69417)], trnK-UUU [complement(1560..1589)], trnK-UUU [complement(4123..4159)], ycf3 [complement(43176..43405)], rps12 [137976..138218]	trnK-UUU [complement(1590..4122)], rps16 [complement(5189..6085)], rpoC1 [16329..17077], atpF [26807..27520], trnG-UCC [complement(30010..30742)], ycf3 [complement(42437..43175)], ycf3 [complement(43406..44095)], trnL-UAA [47090..47526], trnV-UAC [complement(51064..51636)], clpP [complement(69847..70461)], clpP [complement(70753..71564)], petB [74611..75352], petD [76191..76918], rpl2 [complement(84379..85049)], ndhB [complement(94787..95460)], trnI-GAU [101812..102586], trnA-UGC [102724..103543], ndhA [115852..116919], trnA-UGC [complement(132281..133100)], trnI-GAU [complement(133238..134012)], ndhB [140364..141037], rpl2 [150776..151446]
1151.	DIHE	28	rps12 [complement(97735..97977)], rps12 [complement(69331..69444)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(43275..43504)], rps12 [138274..138516]	trnK-UUU [complement(1643..4187)], rps16 [complement(5255..6151)], rpoC1 [16438..17179], atpF [26901..27609], trnG-UCC [complement(30094..30826)], ycf3 [complement(42536..43274)], ycf3 [complement(43505..44194)], trnL-UAA [47320..47757], trnV-UAC [complement(51300..51872)], clpP [complement(69874..70492)], clpP [complement(70784..71596)], petB [74633..75422], petD [76261..77003], rpl2 [complement(84507..85177)], ndhB [complement(94915..95589)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101941..102716], trnA-UGC [102854..103673], ndhA [115979..117053], trnA-UGC [complement(132578..133397)], trnI-GAU [complement(133535..134310)], ndhB [140662..141336], rpl2 [151075..151745]
1152.	DIHI	28	rps12 [complement(97716..97958)], rps12 [complement(69305..69418)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(43300..43529)], rps12 [138178..138420]	trnK-UUU [complement(1643..4187)], rps16 [complement(5255..6150)], rpoC1 [16454..17195], atpF [26922..27630], trnG-UCC [complement(30114..30846)], ycf3 [complement(42561..43299)], ycf3 [complement(43530..44219)], trnL-UAA [47356..47793], trnV-UAC [complement(51339..51911)], clpP [complement(69848..70468)], clpP [complement(70760..71571)], petB [74619..75408], petD [76247..76989], rpl2 [complement(84488..85158)], ndhB [complement(94896..95570)], trnI-GAU [101909..102684], trnA-UGC [102822..103641], ndhA [115947..117020], trnA-UGC [complement(132495..133314)], trnI-GAU [complement(133452..134227)], ndhB [140566..141240], rpl2 [150979..151649]
1153.	DIHN	73	rps12 [complement(100939..100964)], rps12 [complement(101501..101732)], rps12 [complement(72984..73097)], trnK-UUU [complement(1993..2027)], trnK-UUU [complement(4520..4556)], rps16 [complement(5392..5618)], rps16 [complement(6458..6497)], trnG-UCC [10244..10266], trnG-UCC [10945..10992], atpF [complement(13028..13437)], atpF [complement(14165..14309)], rpoC1 [complement(22297..23913)], rpoC1 [complement(24681..25133)], ycf3 [complement(44743..44895)], ycf3	trnK-UUU [complement(2028..4519)], rps16 [complement(5619..6457)], trnG-UCC [10267..10944], atpF [complement(13438..14164)], rpoC1 [complement(23914..24680)], ycf3 [complement(44896..45630)], ycf3 [complement(45859..46573)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45631..45858)], ycf3 [complement(46574..46699)], trnL-UAA [49988..50022], trnL-UAA [50517..50566], trnV-UAC [complement(54444..54478)], trnV-UAC [complement(55067..55104)], rps12 [complement(72984..73097)], rps12 [143791..144022], rps12 [144559..144584], clpP [complement(73229..73456)], clpP [complement(74114..74404)], clpP [complement(75234..75302)], petB [78212..78217], petB [78994..79635], petD [79824..79830], petD [80595..81067], rpl16 [complement(84536..84934)], rpl16 [complement(85924..85932)], rpl2 [complement(87591..88024)], rpl2 [complement(88690..89080)], ndhB [complement(97884..98639)], ndhB [complement(99319..100095)], trnI-GAU [105648..105684], trnI-GAU [106622..106656], trnA-UGC [106721..106758], trnA-UGC [107566..107600], ndhA [complement(123340..123878)], ndhA [complement(125006..125558)], trnA-UGC [complement(137923..137957)], trnA-UGC [complement(138765..138802)], trnI-GAU [complement(138867..138901)], trnI-GAU [complement(139839..139875)], ndhB [145428..146204], ndhB [146884..147639], rpl2 [156443..156833], rpl2 [157499..157932]	[50023..50516], trnV-UAC [complement(54479..55066)], clpP [complement(73457..74113)], clpP [complement(74405..75233)], petB [78218..78993], petD [79831..80594], rpl16 [complement(84935..85923)], rpl2 [complement(88025..88689)], ndhB [complement(98640..99318)], trnI-GAU [105685..106621], trnA-UGC [106759..107565], ndhA [complement(123879..125005)], trnA-UGC [complement(137958..138764)], trnI-GAU [complement(138902..139838)], ndhB [146205..146883], rpl2 [156834..157498]
1154.	DIHR	69	rps12 [complement(96319..96344)], rps12 [complement(96883..97111)], rps12 [complement(68124..68237)], trnK-UUU [complement(1378..1412)], trnK-UUU [complement(4020..4056)], trnG-UCC [7936..7958], trnG-UCC [8726..8773], atpF [complement(10713..11123)], atpF [complement(12109..12255)], rpoC1 [complement(19836..21473)], rpoC1 [complement(22209..22643)], ycf3 [complement(41938..42096)], ycf3 [complement(42846..43073)], ycf3 [complement(43783..43914)], trnL-UAA [46445..46479], trnL-UAA [47022..47071], trnV-UAC [complement(50671..50707)], trnV-UAC [complement(51294..51332)], rps12 [137781..138009], rps12 [138548..138573], clpP [complement(68384..68635)], clpP [complement(69259..69549)], clpP [complement(70279..70347)], petB [73315..73320], petB [74092..74733], petD [74929..74934], petD [75664..76185], rpl16 [complement(79633..80034)], rpl16 [complement(81057..81065)], rpl2 [complement(82882..83313)], rpl2 [complement(83975..84361)], ndhB [complement(93268..94023)], ndhB	trnK-UUU [complement(1413..4019)], trnG-UCC [7959..8725], atpF [complement(11124..12108)], rpoC1 [complement(21474..22208)], ycf3 [complement(42097..42845)], ycf3 [complement(43074..43782)], trnL-UAA [46480..47021], trnV-UAC [complement(50708..51293)], clpP [complement(68636..69258)], clpP [complement(69550..70278)], petB [73321..74091], petD [74935..75663], rpl16 [complement(80035..81056)], rpl2 [complement(83314..83974)], ndhB [complement(94024..94728)], trnI-GAU [100994..101935], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(94729..95505)], trnI-GAU [100952..100993], trnI-GAU [101936..101970], trnA-UGC [102035..102072], trnA-UGC [102865..102899], ndhA [115181..115732], ndhA [116807..117346], trnA-UGC [complement(131997..132031)], trnA-UGC [complement(132824..132861)], trnI-GAU [complement(132926..132960)], trnI-GAU [complement(133903..133944)], ndhB [139387..140163], ndhB [140869..141624], rpl2 [150531..150917], rpl2 [151579..152010]	[102073..102864], ndhA [115733..116806], trnA-UGC [complement(132032..132823)], trnI-GAU [complement(132961..133902)], ndhB [140164..140868], rpl2 [150918..151578]
1155.	DIHT	28	rps12 [complement(97729..97971)], rps12 [complement(69365..69478)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4153..4189)], ycf3 [complement(43133..43362)], rps12 [138222..138464]	trnK-UUU [complement(1602..4152)], rps16 [complement(5220..6117)], rpoC1 [16359..17094], atpF [26817..27525], trnG-UCC [complement(30018..30750)], ycf3 [complement(42394..43132)], ycf3 [complement(43363..44052)], trnL-UAA [47130..47567], trnV-UAC [complement(51102..51669)], clpP [complement(69908..70523)], clpP [complement(70815..71626)], petB [74667..75449], petD [76288..77010], rpl2 [complement(84520..85190)], ndhB [complement(94910..95583)], trnI-GAU [101930..102704], trnA-UGC [102842..103661], ndhA [115967..117025], trnA-UGC [complement(132532..133351)], trnI-GAU [complement(133489..134263)], ndhB [140610..141283], rpl2 [151004..151674]
1156.	DIHU	28	rps12 [complement(97203..97445)], rps12 [complement(68814..68927)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(42849..43078)], rps12 [137683..137925]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6122)], rpoC1 [16374..17115], atpF [26837..27544], trnG-UCC [complement(30040..30772)], ycf3 [complement(42110..42848)], ycf3 [complement(43079..43768)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[46832..47269], trnV-UAC [complement(50796..51368)], clpP [complement(69357..69972)], clpP [complement(70264..71077)], petB [74124..74906], petD [75745..76474], rpl2 [complement(83994..84664)], ndhB [complement(94384..95057)], trnI-GAU [101410..102185], trnA-UGC [102323..103142], ndhA [115448..116509], trnA-UGC [complement(131986..132805)], trnI-GAU [complement(132943..133718)], ndhB [140071..140744], rpl2 [150465..151135]
1157.	DIID	73	rps12 [complement(102180..102205)], rps12 [complement(102737..102968)], rps12 [complement(73599..73712)], trnK-UUU [complement(1871..1899)], trnK-UUU [complement(4457..4493)], rps16 [complement(5242..5471)], rps16 [complement(6403..6442)], trnG-GCC [9829..9851], trnG-GCC [10599..10635], atpF [complement(12669..13085)], atpF [complement(13833..13976)], rpoC1 [complement(21868..23493)], rpoC1 [complement(24242..24673)], ycf3 [complement(45621..45773)], ycf3 [complement(46536..46763)], ycf3 [complement(47523..47648)], trnL-UAA [50438..50474], trnL-UAA [50993..51042], trnV-UAC [complement(54554..54590)], trnV-UAC [complement(55187..55223)], rps12 [complement(73599..73712)], rps12 [144604..144835], rps12 [145367..145392], clpP [complement(73861..74088)], clpP [complement(74753..75044)], clpP [complement(75898..75968)], petB [78893..78898], petB [79584..80225], petD [80417..80424], petD [81171..81645], rpl16 [complement(85167..85565)], rpl16 [complement(86647..86655)], rpl2 [complement(88412..88845)], rpl2 [complement(89524..89920)], ndhB [complement(99124..99879)], ndhB [complement(100559..101335)], trnI-GAU [106806..106847], trnI-GAU [107785..107819], trnA-UGC [107883..107920], trnA-UGC [108724..108758],	trnK-UUU [complement(1900..4456)], rps16 [complement(5472..6402)], trnG-GCC [9852..10598], atpF [complement(13086..13832)], rpoC1 [complement(23494..24241)], ycf3 [complement(45774..46535)], ycf3 [complement(46764..47522)], trnL-UAA [50475..50992], trnV-UAC [complement(54591..55186)], clpP [complement(74089..74752)], clpP [complement(75045..75897)], petB [78899..79583], petD [80425..81170], rpl16 [complement(85566..86646)], rpl2 [complement(88846..89523)], ndhB [complement(99880..100558)], trnI-GAU [106848..107784], trnA-UGC [107921..108723], ndhA [complement(124652..125854)], trnA-UGC [complement(138849..139651)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(124112..124651)], ndhA [complement(125855..126406)], trnA-UGC [complement(138814..138848)], trnA-UGC [complement(139652..139689)], trnI-GAU [complement(139753..139787)], trnI-GAU [complement(140725..140766)], ndhB [146237..147013], ndhB [147693..148448], rpl2 [157652..158047], rpl2 [158726..159160]	[complement(139788..140724)], ndhB [147014..147692], rpl2 [158048..158725]
1158.	DIIN	28	rps12 [complement(97783..98025)], rps12 [complement(69388..69501)], trnK-UUU [complement(1586..1615)], trnK-UUU [complement(4150..4186)], ycf3 [complement(43209..43438)], rps12 [138307..138549]	trnK-UUU [complement(1616..4149)], rps16 [complement(5224..6120)], rpoC1 [16395..17131], atpF [26852..27560], trnG- UCC [complement(30051..30776)], ycf3 [complement(42470..43208)], ycf3 [complement(43439..44128)], trnL-UAA [47195..47632], trnV-UAC [complement(51162..51734)], clpP [complement(69931..70545)], clpP [complement(70837..71651)], petB [74704..75493], petD [76332..77054], rpl2 [complement(84554..85224)], ndhB [complement(94962..95636)], trnI-GAU [101989..102763], trnA-UGC [102901..103720], ndhA [116026..117085], trnA-UGC [complement(132612..133431)], trnI-GAU [complement(133569..134343)], ndhB [140696..141370], rpl2 [151109..151779]
1159.	DIJA	28	rps12 [complement(97391..97633)], rps12 [complement(69053..69166)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4153..4189)], ycf3 [complement(43016..43245)], rps12 [137878..138120]	trnK-UUU [complement(1602..4152)], rps16 [complement(5228..6127)], rpoC1 [16373..17114], atpF [26831..27539], trnG- UCC [complement(30033..30765)], ycf3 [complement(42277..43015)], ycf3 [complement(43246..43935)], trnL-UAA [47018..47455], trnV-UAC [complement(50990..51562)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(69596..70212)], clpP [complement(70504..71315)], petB [74331..75113], petD [75952..76674], rpl2 [complement(84182..84852)], ndhB [complement(94572..95245)], trnI-GAU [101598..102373], trnA-UGC [102511..103330], ndhA [115646..116705], trnA-UGC [complement(132181..133000)], trnI-GAU [complement(133138..133913)], ndhB [140266..140939], rpl2 [150660..151330]
1160.	DIJE	28	rps12 [complement(96457..96699)], rps12 [complement(68362..68475)], trnK-UUU [complement(1577..1606)], trnK-UUU [complement(4158..4194)], ycf3 [complement(42748..42977)], rps12 [136923..137165]	trnK-UUU [complement(1607..4157)], rps16 [complement(5226..6121)], rpoC1 [16371..17112], atpF [26844..27552], trnG-UCC [complement(30049..30781)], ycf3 [complement(42009..42747)], ycf3 [complement(42978..43667)], trnL-UAA [46655..47092], trnV-UAC [complement(50485..51057)], clpP [complement(68905..69521)], clpP [complement(69813..70624)], petB [73660..74438], petD [75277..76003], rpl2 [complement(83248..83918)], ndhB [complement(93638..94311)], trnI-GAU [100658..101433], trnA-UGC [101571..102390], ndhA [114696..115758], trnA-UGC [complement(131232..132051)], trnI-GAU [complement(132189..132964)], ndhB [139311..139984], rpl2 [149705..150375]
1161.	DIJL	28	rps12 [complement(97716..97958)], rps12 [complement(69328..69441)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4142..4178)],	trnK-UUU [complement(1608..4141)], rps16 [complement(5210..6109)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ycf3 [complement(43231..43460)], rps12 [138123..138365]	[16409..17158], atpF [26895..27603], trnG-UCC [complement(30087..30845)], ycf3 [complement(42492..43230)], ycf3 [complement(43461..44150)], trnL-UAA [47059..47496], trnV-UAC [complement(51057..51629)], clpP [complement(69871..70489)], clpP [complement(70781..71592)], petB [74630..75419], petD [76258..76985], rpl2 [complement(84489..85159)], ndhB [complement(94897..95570)], trnI-GAU [101891..102666], trnA-UGC [102804..103623], ndhA [115928..116988], trnA-UGC [complement(132458..133277)], trnI-GAU [complement(133415..134190)], ndhB [140511..141184], rpl2 [150923..151593]
1162.	DIJN	28	rps12 [complement(97897..98139)], rps12 [complement(69445..69558)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4136..4172)], ycf3 [complement(43163..43392)], rps12 [138429..138671]	trnK-UUU [complement(1602..4135)], rps16 [complement(5204..6107)], rpoC1 [16361..17102], atpF [26826..27534], trnG-UCC [complement(30016..30748)], ycf3 [complement(42424..43162)], ycf3 [complement(43393..44082)], trnL-UAA [47144..47581], trnV-UAC [complement(51125..51697)], clpP [complement(69988..70604)], clpP [complement(70896..71709)], petB [74768..75564], petD [76403..77143], rpl2 [complement(84664..85340)], ndhB [complement(95078..95751)], trnI-GAU [102103..102879], trnA-UGC [103017..103836], ndhA [116157..117235],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnA-UGC [complement(132732..133551)], trnI-GAU [complement(133689..134465)], ndhB [140817..141490], rpl2 [151229..151905]
1163.	DIJP	73	rps12 [complement(101894..101919)], rps12 [complement(102456..102687)], rps12 [complement(73344..73457)], trnK-UUU [complement(1581..1615)], trnK-UUU [complement(4179..4215)], rps16 [complement(4797..5032)], rps16 [complement(5883..5922)], trnG-UCC [9915..9940], trnG-UCC [10664..10710], atpF [complement(12733..13143)], atpF [complement(13872..14015)], rpoC1 [complement(22062..23672)], rpoC1 [complement(24462..24917)], ycf3 [complement(44137..44289)], ycf3 [complement(45041..45268)], ycf3 [complement(46004..46129)], trnL-UAA [48767..48803], trnL-UAA [49314..49363], trnV-UAC [complement(53122..53158)], trnV-UAC [complement(53734..53772)], rps12 [complement(73344..73457)], rps12 [144878..145109], rps12 [145646..145671], clpP [complement(73715..73945)], clpP [complement(74628..74917)], clpP [complement(75755..75824)], petB [78754..78759], petB [79569..80210], petD [80404..80411], petD [81160..81634], rpl16 [complement(85176..85574)], rpl16 [complement(86670..86678)], rpl2 [complement(88553..88986)], rpl2 [complement(89663..90053)], ndhB [complement(98838..99593)], ndhB [complement(100273..101049)], trnI-GAU [106513..106554], trnI-GAU [107496..107530], trnA-UGC [107595..107632], trnA-UGC [108439..108473], ndhA [complement(124324..124863)], ndhA [complement(125947..126498)], trnA-UGC [complement(139092..139126)], trnA-UGC [complement(139933..139970)], trnI-GAU [complement(140035..140069)], trnI-GAU [complement(141011..141052)], ndhB [146516..147292], ndhB [147972..148727], rpl2 [157512..157902], rpl2 [158579..159012]	trnK-UUU [complement(1616..4178)], rps16 [complement(5033..5882)], trnG-UCC [9941..10663], atpF [complement(13144..13871)], rpoC1 [complement(23673..24461)], ycf3 [complement(44290..45040)], ycf3 [complement(45269..46003)], trnL-UAA [48804..49313], trnV-UAC [complement(53159..53733)], clpP [complement(73946..74627)], clpP [complement(74918..75754)], petB [78760..79568], petD [80412..81159], rpl16 [complement(85575..86669)], rpl2 [complement(88987..89662)], ndhB [complement(99594..100272)], trnI-GAU [106555..107495], trnA-UGC [107633..108438], ndhA [complement(124864..125946)], trnA-UGC [complement(139127..139932)], trnI-GAU [complement(140070..141010)], ndhB [147293..147971], rpl2 [157903..158578]
1164.	DIJU	28	rps12 [complement(97763..98005)], rps12 [complement(69373..69486)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43150..43379)], rps12 [138281..138523]	trnK-UUU [complement(1608..4158)], rps16 [complement(5226..6122)], rpoC1 [16374..17115], atpF [26839..27547], trnG-UCC [complement(30039..30771)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42411..43149)], ycf3 [complement(43380..44069)], trnL-UAA [47149..47586], trnV-UAC [complement(51126..51693)], clpP [complement(69916..70533)], clpP [complement(70825..71638)], petB [74685..75467], petD [76306..77032], rpl2 [complement(84554..85224)], ndhB [complement(94944..95617)], trnI-GAU [101964..102738], trnA-UGC [102876..103704], ndhA [116010..117068], trnA-UGC [complement(132582..133410)], trnI-GAU [complement(133548..134322)], ndhB [140669..141342], rpl2 [151063..151733]
1165.	DIKA	73	rps12 [complement(100499..100524)], rps12 [complement(101061..101292)], rps12 [complement(72611..72724)], trnK-UUU [complement(1807..1841)], trnK-UUU [complement(4346..4382)], rps16 [complement(5216..5440)], rps16 [complement(6288..6326)], trnG-GCC [10054..10076], trnG-GCC [10755..10802], atpF [complement(12836..13245)], atpF [complement(13977..14121)], rpoC1 [complement(22072..23697)], rpoC1 [complement(24453..24887)], ycf3 [complement(44392..44544)], ycf3 [complement(45270..45497)], ycf3 [complement(46209..46334)], trnL-UAA [49528..49564], trnL-UAA [50074..50123], trnV-UAC [complement(53984..54020)], trnV-UAC [complement(54606..54643)], rps12 [complement(72611..72724)], rps12 [143590..143821], rps12 [144358..144383], clpP [complement(72856..73083)], clpP [complement(73741..74031)], clpP [complement(74866..74934)], petB [77774..77779], petB [78532..79188], petD [79377..79385], petD [80096..80620], rpl16 [complement(84104..84502)], rpl16 [complement(85485..85493)], rpl2 [complement(87142..87576)], rpl2 [complement(88242..88631)], ndhB [complement(97444..98199)], ndhB	trnK-UUU [complement(1842..4345)], rps16 [complement(5441..6287)], trnG-GCC [10077..10754], atpF [complement(13246..13976)], rpoC1 [complement(23698..24452)], ycf3 [complement(44545..45269)], ycf3 [complement(45498..46208)], trnL-UAA [49565..50073], trnV-UAC [complement(54021..54605)], clpP [complement(73084..73740)], clpP [complement(74032..74865)], petB [77780..78531], petD [79386..80095], rpl16 [complement(84503..85484)], rpl2 [complement(87577..88241)], ndhB [complement(98200..98878)], trnI-GAU [105263..106193], trnA-UGC [106331..107137], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98879..99655)], trnI-GAU [105221..105262], trnI-GAU [106194..106228], trnA-UGC [106293..106330], trnA-UGC [107138..107172], ndhA [complement(123065..123604)], ndhA [complement(124741..125292)], trnA-UGC [complement(137709..137743)], trnA-UGC [complement(138550..138587)], trnI-GAU [complement(138652..138686)], trnI-GAU [complement(139617..139658)], ndhB [145227..146003], ndhB [146683..147438], rpl2 [156253..156642], rpl2 [157308..157742]	[complement(123605..124740)], trnA-UGC [complement(137744..138549)], trnI-GAU [complement(138687..139616)], ndhB [146004..146682], rpl2 [156643..157307]
1166.	DILA	70	rps12 [complement(97846..98088)], rps12 [complement(69852..69965)], trnK-UUU [complement(1662..1693)], trnK-UUU [complement(4183..4214)], rps16 [complement(4962..5172)], rps16 [complement(6058..6098)], trnG-CGA [8924..8950], trnG-CGA [9634..9673], atpF [complement(11607..12017)], atpF [complement(12714..12857)], rpoC1 [complement(20673..22283)], rpoC1 [complement(23037..23471)], ycf3 [complement(42244..42396)], ycf3 [complement(43094..43321)], ycf3 [complement(44051..44179)], trnL-UAA [47188..47225], trnL-UAA [47712..47759], trnV-UAC [complement(51526..51561)], trnV-UAC [complement(52142..52179)], rps12 [138957..139199], clpP [complement(70099..70326)], clpP [complement(70964..71254)], clpP [complement(71963..72031)], petB [74912..74917], petB [75644..76285], petD [76474..76481], petD [77167..77641], rpl16 [complement(81120..81518)], rpl16 [complement(82252..82260)], rpl2 [complement(83983..84417)], rpl2 [complement(85080..85472)], ndhB [complement(94286..95041)], ndhB [complement(95721..96497)], trnI-GAU [101565..101600], trnI-GAU [102549..102583], trnA-UGC [102643..102679], trnA-UGC [103496..103531], ndhA [complement(119132..119641)], ndhA [complement(120735..121295)], trnA-UGC [complement(133514..133549)], trnA-UGC [complement(134366..134402)], trnI-GAU [complement(134462..134497)], trnI-GAU [complement(135446..135480)], ndhB [140548..141324], ndhB [142004..142759], rpl2 [151573..151965], rpl2 [152628..153062]	trnK-UUU [complement(1694..4182)], rps16 [complement(5173..6057)], trnG-CGA [8951..9633], atpF [complement(12018..12713)], rpoC1 [complement(22284..23036)], ycf3 [complement(42397..43093)], ycf3 [complement(43322..44050)], trnL-UAA [47226..47711], trnV-UAC [complement(51562..52141)], clpP [complement(70327..70963)], clpP [complement(71255..71962)], petB [74918..75643], petD [76482..77166], rpl16 [complement(81519..82251)], rpl2 [complement(84418..85079)], ndhB [complement(95042..95720)], trnI-GAU [101601..102548], trnA-UGC [102680..103495], ndhA [complement(119642..120734)], trnA-UGC [complement(133550..134365)], trnI-GAU [complement(134498..135445)], ndhB [141325..142003], rpl2 [151966..152627]
1167.	DILC	28	rps12 [complement(97792..98034)], rps12 [complement(69442..69555)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43186..43415)], rps12 [138246..138488]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6123)], rpoC1 [16365..17106], atpF [26823..27531], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UCC [complement(30024..30756)], ycf3 [complement(42447..43185)], ycf3 [complement(43416..44105)], trnL-UAA [47186..47623], trnV-UAC [complement(51161..51733)], clpP [complement(69985..70602)], clpP [complement(70894..71706)], petB [74725..75507], petD [76346..77070], rpl2 [complement(84583..85253)], ndhB [complement(94973..95646)], trnI-GAU [101993..102768], trnA-UGC [102906..103725], ndhA [116031..117092], trnA-UGC [complement(132555..133374)], trnI-GAU [complement(133512..134287)], ndhB [140634..141307], rpl2 [151028..151698]
1168.	DILE	28	rps12 [complement(97544..97786)], rps12 [complement(69133..69246)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(43166..43395)], rps12 [138048..138290]	trnK-UUU [complement(1643..4187)], rps16 [complement(5254..6152)], rpoC1 [16412..17153], atpF [26875..27583], trnG-UCC [complement(30065..30797)], ycf3 [complement(42427..43165)], ycf3 [complement(43396..44085)], trnL-UAA [47215..47652], trnV-UAC [complement(51197..51769)], clpP [complement(69676..70295)], clpP [complement(70587..71398)], petB [74440..75229], petD [76068..76810], rpl2 [complement(84316..84986)], ndhB [complement(94724..95398)], trnI-GAU [101750..102525], trnA-UGC [102663..103482], ndhA [115788..116859], trnA-UGC [complement(132352..133171)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnI-GAU [complement(133309..134084)], ndhB [140436..141110], rpl2 [150849..151519]
1169.	DILN	73	rps12 [complement(101052..101077)], rps12 [complement(101619..101850)], rps12 [complement(72483..72596)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4369..4405)], rps16 [complement(5164..5390)], rps16 [complement(6230..6269)], trnG-UCC [9195..9217], trnG-UCC [9948..9996], atpF [complement(12073..12482)], atpF [complement(13237..13381)], rpoC1 [complement(21484..23094)], rpoC1 [complement(23812..24243)], ycf3 [complement(45045..45197)], ycf3 [complement(45943..46172)], ycf3 [complement(46903..47026)], trnL-UAA [49730..49764], trnL-UAA [50301..50350], trnV-UAC [complement(54105..54139)], trnV-UAC [complement(54741..54779)], rps12 [complement(72483..72596)], rps12 [144692..144923], rps12 [145465..145490], clpP [complement(72748..72975)], clpP [complement(73631..73922)], clpP [complement(74797..74867)], petB [77794..77799], petB [78598..79239], petD [79448..79455], petD [80222..80696], rpl16 [complement(84171..84569)], rpl16 [complement(85633..85641)], rpl2 [complement(87345..87778)], rpl2 [complement(88442..88832)], ndhB [complement(98012..98758)], ndhB [complement(99431..100207)], trnI-GAU [105732..105768], trnI-GAU [106725..106759], trnA-UGC [106824..106861], trnA-UGC [107701..107735], ndhA [complement(124106..124644)], ndhA [complement(125727..126279)], trnA-UGC [complement(138807..138841)], trnA-UGC [complement(139681..139718)], trnI-GAU [complement(139783..139817)], trnI-GAU [complement(140774..140810)], ndhB [146335..147111], ndhB [147784..148530], rpl2 [157710..158100], rpl2 [158764..159197]	trnK-UUU [complement(1858..4368)], rps16 [complement(5391..6229)], trnG-UCC [9218..9947], atpF [complement(12483..13236)], rpoC1 [complement(23095..23811)], ycf3 [complement(45198..45942)], ycf3 [complement(46173..46902)], trnL-UAA [49765..50300], trnV-UAC [complement(54140..54740)], clpP [complement(72976..73630)], clpP [complement(73923..74796)], petB [77800..78597], petD [79456..80221], rpl16 [complement(84570..85632)], rpl2 [complement(87779..88441)], ndhB [complement(98759..99430)], trnI-GAU [105769..106724], trnA-UGC [106862..107700], ndhA [complement(124645..125726)], trnA-UGC [complement(138842..139680)], trnI-GAU [complement(139818..140773)], ndhB [147112..147783], rpl2 [158101..158763]
1170.	DILO	73	rps12 [complement(100359..100384)], rps12 [complement(100921..101152)], rps12 [complement(72471..72584)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4312..4348)], rps16 [complement(5204..5428)], rps16 [complement(6273..6311)], trnG-GCC [10018..10040], trnG-GCC [10719..10766], atpF [complement(12788..13197)], atpF [complement(13925..14069)], rpoC1 [complement(22009..23634)], rpoC1	trnK-UUU [complement(1809..4311)], rps16 [complement(5429..6272)], trnG-GCC [10041..10718], atpF [complement(13198..13924)], rpoC1 [complement(23635..24377)], ycf3 [complement(44466..45190)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(24378..24812)], ycf3 [complement(44313..44465)], ycf3 [complement(45191..45418)], ycf3 [complement(46130..46255)], trnL-UAA [49474..49510], trnL-UAA [50019..50068], trnV-UAC [complement(53935..53971)], trnV-UAC [complement(54549..54586)], rps12 [complement(72471..72584)], rps12 [143383..143614], rps12 [144151..144176], clpP [complement(72716..72943)], clpP [complement(73601..73891)], clpP [complement(74719..74787)], petB [77625..77630], petB [78387..79043], petD [79232..79240], petD [79951..80475], rpl16 [complement(83957..84355)], rpl16 [complement(85346..85354)], rpl2 [complement(87002..87436)], rpl2 [complement(88102..88491)], ndhB [complement(97304..98059)], ndhB [complement(98739..99515)], trnI-GAU [105081..105122], trnI-GAU [106055..106089], trnA-UGC [106154..106191], trnA-UGC [106999..107033], ndhA [complement(122919..123458)], ndhA [complement(124575..125126)], trnA-UGC [complement(137502..137536)], trnA-UGC [complement(138344..138381)], trnI-GAU [complement(138446..138480)], trnI-GAU [complement(139413..139454)], ndhB [145020..145796], ndhB [146476..147231], rpl2 [156044..156433], rpl2 [157099..157533]</p>	<p>[complement(45419..46129)], trnL-UAA [49511..50018], trnV-UAC [complement(53972..54548)], clpP [complement(72944..73600)], clpP [complement(73892..74718)], petB [77631..78386], petD [79241..79950], rpl16 [complement(84356..85345)], rpl2 [complement(87437..88101)], ndhB [complement(98060..98738)], trnI-GAU [105123..106054], trnA-UGC [106192..106998], ndhA [complement(123459..124574)], trnA-UGC [complement(137537..138343)], trnI-GAU [complement(138481..139412)], ndhB [145797..146475], rpl2 [156434..157098]</p>
1171.	DIMA	73	<p>rps12 [complement(100810..100835)], rps12 [complement(101372..101603)], rps12 [complement(72857..72970)], trnK-UUU [complement(1987..2021)], trnK-UUU [complement(4530..4566)], rps16 [complement(5420..5646)], rps16 [complement(6490..6529)], trnG-UCC [10257..10279], trnG-UCC [10956..11003], atpF [complement(13045..13454)], atpF [complement(14182..14326)], rpoC1 [complement(22293..23915)], rpoC1 [complement(24683..25135)], ycf3 [complement(44703..44855)], ycf3 [complement(45591..45818)], ycf3 [complement(46530..46655)], trnL-UAA [49963..49997], trnL-UAA [50486..50535], trnV-UAC [complement(54418..54452)], trnV-UAC [complement(55040..55077)], rps12 [complement(72857..72970)], rps12 [143731..143962], rps12 [144499..144524], clpP [complement(73102..73329)], clpP [complement(73983..74273)], clpP [complement(75090..75158)], petB [78065..78070], petB [78844..79485], petD [79674..79680], petD</p>	<p>trnK-UUU [complement(2022..4529)], rps16 [complement(5647..6489)], trnG-UCC [10280..10955], atpF [complement(13455..14181)], rpoC1 [complement(23916..24682)], ycf3 [complement(44856..45590)], ycf3 [complement(45819..46529)], trnL-UAA [49998..50485], trnV-UAC [complement(54453..55039)], clpP [complement(73330..73982)], clpP [complement(74274..75089)], petB [78071..78843], petD [79681..80444], rpl16 [complement(84800..85787)], rpl2 [complement(87887..88551)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[80445..80917], rpl16 [complement(84401..84799)], rpl16 [complement(85788..85796)], rpl2 [complement(87453..87886)], rpl2 [complement(88552..88942)], ndhB [complement(97755..98510)], ndhB [complement(99190..99966)], trnI-GAU [105525..105561], trnI-GAU [106499..106533], trnA-UGC [106598..106635], trnA-UGC [107443..107476], ndhA [complement(123262..123800)], ndhA [complement(124956..125508)], trnA-UGC [complement(137857..137891)], trnA-UGC [complement(138699..138736)], trnI-GAU [complement(138801..138835)], trnI-GAU [complement(139773..139809)], ndhB [145368..146144], ndhB [146824..147579], rpl2 [156392..156782], rpl2 [157448..157881]	[complement(98511..99189)], trnI-GAU [105562..106498], trnA-UGC [106636..107442], ndhA [complement(123801..124955)], trnA-UGC [complement(137892..138698)], trnI-GAU [complement(138836..139772)], ndhB [146145..146823], rpl2 [156783..157447]
1172.	DIME	28	rps12 [complement(97993..98235)], rps12 [complement(69528..69641)], trnK-UUU [complement(1584..1613)], trnK-UUU [complement(4148..4184)], ycf3 [complement(43245..43474)], rps12 [138516..138758]	trnK-UUU [complement(1614..4147)], rps16 [complement(5211..6111)], rpoC1 [16387..17128], atpF [26849..27557], trnG-UCC [complement(30046..30778)], ycf3 [complement(42506..43244)], ycf3 [complement(43475..44168)], trnL-UAA [47258..47695], trnV-UAC [complement(51246..51818)], clpP [complement(70071..70687)], clpP [complement(70979..71791)], petB [74884..75673], petD [76512..77257], rpl2 [complement(84764..85434)], ndhB [complement(95172..95846)], trnI-GAU [102206..102980], trnA-UGC [103118..103937], ndhA [116243..117317], trnA-UGC [complement(132814..133633)], trnI-GAU [complement(133771..134545)], ndhB [140905..141579], rpl2 [151318..151988]
1173.	DIMI	1	rps12 [152016..152041]	-
1174.	DIMS	37	trnI-GAU [116862..116898], trnI-GAU [18..52], trnA-UGC [106..143], trnA-UGC [997..1031], rps12 [complement(10891..11004)], rps12 [61878..62135],	trnI-GAU [116899..17], trnA-UGC [144..996], petB [15208..16019], petD

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			petB [15202..15207], petB [16020..16661], petD [16858..16865], petD [17625..18099], rpl16 [complement(21552..21950)], rpl16 [complement(23085..23093)], ycf3 [complement(50935..51087)], ycf3 [complement(51812..52039)], ycf3 [complement(52688..52813)], trnL-UAA [55509..55543], trnL-UAA [56067..56116], rpoC1 [85085..85516], rpoC1 [86237..87889], atpF [95287..95431], atpF [96144..96553], trnG-UCC [complement(98450..98498)], trnG-UCC [complement(99200..99222)], rps16 [101825..101864], rps16 [102675..102892]	[16866..17624], rpl16 [complement(21951..23084)], ycf3 [complement(51088..51811)], ycf3 [complement(52040..52687)], trnL-UAA [55544..56066], rpoC1 [85517..86236], atpF [95432..96143], trnG-UCC [complement(98499..99199)], rps16 [101865..102674]
1175.	DIMU	28	rps12 [complement(97808..98050)], rps12 [complement(69432..69545)], trnK-UUU [complement(1576..1605)], trnK-UUU [complement(4157..4193)], ycf3 [complement(43193..43422)], rps12 [138281..138523]	trnK-UUU [complement(1606..4156)], rps16 [complement(5225..6122)], rpoC1 [16365..17106], atpF [26828..27536], trnG-UCC [complement(30034..30766)], ycf3 [complement(42454..43192)], ycf3 [complement(43423..44112)], trnL-UAA [47185..47622], trnV-UAC [complement(51158..51730)], clpP [complement(69975..70591)], clpP [complement(70883..71696)], petB [74751..75533], petD [76372..77098], rpl2 [complement(84599..85269)], ndhB [complement(94989..95662)], trnI-GAU [102009..102784], trnA-UGC [102922..103741], ndhA [116047..117111], trnA-UGC [complement(132590..133409)], trnI-GAU [complement(133547..134322)], ndhB [140669..141342], rpl2 [151063..151733]
1176.	DIOA	28	rps12 [complement(97454..97696)], rps12 [complement(69064..69177)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4142..4178)], ycf3 [complement(43172..43401)], rps12 [137876..138118]	trnK-UUU [complement(1608..4141)], rps16 [complement(5210..6108)], rpoC1 [16414..17163], atpF [26899..27607], trnG-UCC [complement(30092..30845)], ycf3 [complement(42433..43171)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(43402..44091)], trnL-UAA [46881..47318], trnV-UAC [complement(50865..51437)], clpP [complement(69607..70224)], clpP [complement(70516..71328)], petB [74366..75155], petD [75994..76721], rpl2 [complement(84227..84897)], ndhB [complement(94635..95308)], trnI-GAU [101629..102404], trnA-UGC [102542..103361], ndhA [115666..116726], trnA-UGC [complement(132211..133030)], trnI-GAU [complement(133168..133943)], ndhB [140264..140937], rpl2 [150676..151346]
1177.	DIOB	61	rps12 [complement(90200..90227)], rps12 [complement(90768..90988)], rps12 [complement(68123..68236)], trnK [complement(1384..1408)], trnK [complement(3919..3955)], rps16 [complement(4513..4730)], rps16 [complement(5554..5593)], trnG [complement(12830..12877)], trnG [complement(13551..13574)], atpF [33210..33354], atpF [34191..34597], ycf3 [complement(42380..42538)], ycf3 [complement(43261..43490)], ycf3 [complement(44236..44359)], trnL [47134..47168], trnL [47712..47761], trnV [complement(51188..51222)], trnV [complement(51821..51859)], rps12 [127789..128020], rps12 [128561..128589], petD [73619..73626], petD [74377..74851], rpl16 [complement(78481..78882)], rpl16 [complement(79924..79932)], rpl2 [complement(81954..82384)], rpl2 [complement(83048..83438)], ndhB [complement(87132..87887)], ndhB [complement(88600..89376)], trnI [94834..94870], trnI [95677..95711], trnA [95777..95814], trnA [96626..96660], ndhA [complement(112675..113213)], ndhA [complement(114249..114798)], trnA [complement(122129..122163)], trnA [complement(122975..123012)], trnI [complement(123078..123112)], trnI [complement(123919..123955)], ndhB [129413..130189], ndhB [130902..131657], rpl2 [135351..135741], rpl2 [136405..136835]	trnK [complement(1409..3918)], rps16 [complement(4731..5553)], trnG [complement(12878..13550)], atpF [33355..34190], ycf3 [complement(42539..43260)], ycf3 [complement(43491..44235)], trnL [47169..47711], trnV [complement(51223..51820)], petD [73627..74376], rpl16 [complement(78883..79923)], rpl2 [complement(82385..83047)], ndhB [complement(87888..88599)], trnI [94871..95676], trnA [95815..96625], ndhA [complement(113214..114248)], trnA [complement(122164..122974)], trnI [complement(123113..123918)], ndhB [130190..130901], rpl2 [135742..136404]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1178.	DIOC	28	rps12 [complement(97098..97340)], rps12 [complement(68717..68830)], trnK-UUU [complement(1583..1612)], trnK-UUU [complement(4164..4200)], ycf3 [complement(42769..42998)], rps12 [137554..137796]	trnK-UUU [complement(1613..4163)], rps16 [complement(5232..6126)], rpoC1 [16367..17108], atpF [26830..27538], trnG-UCC [complement(30035..30767)], ycf3 [complement(42030..42768)], ycf3 [complement(42999..43688)], trnL-UAA [46734..47171], trnV-UAC [complement(50705..51277)], clpP [complement(69260..69877)], clpP [complement(70169..70980)], petB [74021..74803], petD [75642..76383], rpl2 [complement(83889..84559)], ndhB [complement(94279..94952)], trnI-GAU [101299..102074], trnA-UGC [102212..103031], ndhA [115337..116395], trnA-UGC [complement(131863..132682)], trnI-GAU [complement(132820..133595)], ndhB [139942..140615], rpl2 [150336..151006]
1179.	DIOL	73	rps12 [complement(100456..100481)], rps12 [complement(101018..101249)], rps12 [complement(72565..72678)], trnK-UUU [complement(1785..1819)], trnK-UUU [complement(4303..4339)], rps16 [complement(5173..5397)], rps16 [complement(6249..6287)], trnG-GCC [10018..10040], trnG-GCC [10718..10765], atpF [complement(12800..13209)], atpF [complement(13935..14079)], rpoC1 [complement(22028..23653)], rpoC1 [complement(24403..24837)], ycf3 [complement(44361..44513)], ycf3 [complement(45239..45466)], ycf3 [complement(46178..46303)], trnL-UAA [49524..49560], trnL-UAA [50071..50120], trnV-UAC [complement(53978..54014)], trnV-UAC [complement(54600..54637)], rps12 [complement(72565..72678)], rps12 [143532..143763], rps12 [144300..144325], clpP [complement(72810..73037)], clpP [complement(73695..73985)], clpP [complement(74814..74882)], petB	trnK-UUU [complement(1820..4302)], rps16 [complement(5398..6248)], trnG-GCC [10041..10717], atpF [complement(13210..13934)], rpoC1 [complement(23654..24402)], ycf3 [complement(44514..45238)], ycf3 [complement(45467..46177)], trnL-UAA [49561..50070], trnV-UAC [complement(54015..54599)], clpP [complement(73038..73694)], clpP [complement(73986..74813)], petB [77726..78474], petD [79329..80038], rpl16 [complement(84449..85441)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77720..77725], petB [78475..79131], petD [79320..79328], petD [80039..80563], rpl16 [complement(84050..84448)], rpl16 [complement(85442..85450)], rpl2 [complement(87099..87533)], rpl2 [complement(88199..88588)], ndhB [complement(97401..98156)], ndhB [complement(98836..99612)], trnI-GAU [105178..105219], trnI-GAU [106151..106185], trnA-UGC [106250..106287], trnA-UGC [107095..107129], ndhA [complement(123044..123583)], ndhA [complement(124727..125278)], trnA-UGC [complement(137652..137686)], trnA-UGC [complement(138494..138531)], trnI-GAU [complement(138596..138630)], trnI-GAU [complement(139562..139603)], ndhB [145169..145945], ndhB [146625..147380], rpl2 [156193..156582], rpl2 [157248..157682]	[complement(87534..88198)], ndhB [complement(98157..98835)], trnI-GAU [105220..106150], trnA-UGC [106288..107094], ndhA [complement(123584..124726)], trnA-UGC [complement(137687..138493)], trnI-GAU [complement(138631..139561)], ndhB [145946..146624], rpl2 [156583..157247]
1180.	DIOO	28	rps12 [complement(97802..98044)], rps12 [complement(69426..69539)], trnK-UUU [complement(1576..1605)], trnK-UUU [complement(4157..4193)], ycf3 [complement(43193..43422)], rps12 [138281..138523]	trnK-UUU [complement(1606..4156)], rps16 [complement(5225..6122)], rpoC1 [16365..17106], atpF [26828..27536], trnG-UCC [complement(30034..30766)], ycf3 [complement(42454..43192)], ycf3 [complement(43423..44112)], trnL-UAA [47185..47622], trnV-UAC [complement(51158..51730)], clpP [complement(69969..70585)], clpP [complement(70877..71690)], petB [74745..75527], petD [76366..77092], rpl2 [complement(84593..85263)], ndhB [complement(94983..95656)], trnI-GAU [102003..102778], trnA-UGC [102916..103735], ndhA [116041..117105], trnA-UGC [complement(132590..133409)], trnI-GAU [complement(133547..134322)], ndhB [140669..141342], rpl2 [151063..151733]
1181.	DIOR	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3897..3934)], rps12 [130648..130676]	trnK-UUU [complement(1416..3896)], rps16 [complement(4697..5536)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(13213..13910)], atpF [35307..36136], ycf3 [complement(44472..45199)], ycf3 [complement(45428..46146)], trnL-UAA [49082..49532], trnV-UAC [complement(53302..53904)], petB [73295..74050], petD [74889..75630], rpl16 [complement(80071..81155)], rpl2 [complement(83562..84224)], ndhB [complement(90194..90897)], trnI-GAU [97214..98160], trnA-UGC [98299..99108], ndhA [complement(115073..116115)], trnA-UGC [complement(124074..124883)], trnI-GAU [complement(125022..125968)], ndhB [132285..132988], rpl2 [138958..139620]
1182.	DIOT	28	rps12 [complement(97739..97981)], rps12 [complement(69358..69471)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43142..43371)], rps12 [138178..138420]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6123)], rpoC1 [16367..17108], atpF [26824..27532], trnG-UCC [complement(30025..30757)], ycf3 [complement(42403..43141)], ycf3 [complement(43372..44061)], trnL-UAA [47136..47573], trnV-UAC [complement(51112..51684)], clpP [complement(69901..70518)], clpP [complement(70810..71623)], petB [74670..75452], petD [76291..77017], rpl2 [complement(84530..85200)], ndhB [complement(94920..95593)], trnI-GAU [101940..102715], trnA-UGC [102853..103663], ndhA [115968..117028], trnA-UGC [complement(132496..133306)], trnI-GAU [complement(133444..134219)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhB [140566..141239], rpl2 [150960..151630]
1183.	DIOX	28	rps12 [complement(97130..97372)], rps12 [complement(68705..68818)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(42938..43167)], rps12 [137618..137860]	trnK-UUU [complement(1643..4187)], rps16 [complement(5255..6150)], rpoC1 [16459..17200], atpF [26922..27630], trnG-UCC [complement(30111..30843)], ycf3 [complement(42199..42937)], ycf3 [complement(43168..43857)], trnL-UAA [46799..47236], trnV-UAC [complement(50782..51354)], clpP [complement(69248..69869)], clpP [complement(70161..70971)], petB [74019..74808], petD [75647..76394], rpl2 [complement(83902..84572)], ndhB [complement(94310..94984)], trnI-GAU [101336..102111], trnA-UGC [102249..103068], ndhA [115374..116448], trnA-UGC [complement(131922..132741)], trnI-GAU [complement(132879..133654)], ndhB [140006..140680], rpl2 [150419..151089]
1184.	DIPA	69	rps12 [complement(96420..96445)], rps12 [complement(96984..97212)], rps12 [complement(68205..68318)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(3991..4027)], trnG-UCC [8015..8037], trnG-UCC [8805..8852], atpF [complement(10787..11197)], atpF [complement(12183..12329)], rpoC1 [complement(19887..21509)], rpoC1 [complement(22245..22679)], ycf3 [complement(42039..42197)], ycf3 [complement(42940..43167)], ycf3 [complement(43877..44008)], trnL-UAA [46549..46583], trnL-UAA [47128..47177], trnV-UAC [complement(50769..50805)], trnV-UAC [complement(51393..51431)], rps12 [137930..138158], rps12 [138697..138722], clpP [complement(68465..68716)], clpP [complement(69335..69625)], clpP [complement(70355..70423)], petB	trnK-UUU [complement(1412..3990)], trnG-UCC [8038..8804], atpF [complement(11198..12182)], rpoC1 [complement(21510..22244)], ycf3 [complement(42198..42939)], ycf3 [complement(43168..43876)], trnL-UAA [46584..47127], trnV-UAC [complement(50806..51392)], clpP [complement(68717..69334)], clpP [complement(69626..70354)], petB [73397..74180], petD [75024..75751], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[73391..73396], petB [74181..74822], petD [75018..75023], petD [75752..76273], rpl16 [complement(79726..80127)], rpl16 [complement(81145..81153)], rpl2 [complement(82953..83384)], rpl2 [complement(84046..84432)], ndhB [complement(93339..94094)], ndhB [complement(94800..95576)], trnI-GAU [101057..101098], trnI-GAU [102041..102075], trnA-UGC [102140..102177], trnA-UGC [102970..103004], ndhA [115268..115819], ndhA [116893..117432], trnA-UGC [complement(132125..132159)], trnA-UGC [complement(132952..132989)], trnI-GAU [complement(133054..133088)], trnI-GAU [complement(134031..134072)], ndhB [139566..140342], ndhB [141048..141803], rpl2 [150710..151096], rpl2 [151758..152189]	[complement(80128..81144)], rpl2 [complement(83385..84045)], ndhB [complement(94095..94799)], trnI-GAU [101099..102040], trnA-UGC [102178..102969], ndhA [115820..116892], trnA-UGC [complement(132160..132951)], trnI-GAU [complement(133089..134030)], ndhB [140343..141047], rpl2 [151097..151757]
1185.	DIPH	28	rps12 [complement(97716..97958)], rps12 [complement(69367..69480)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43204..43433)], rps12 [138171..138413]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6123)], rpoC1 [16366..17107], atpF [26824..27532], trnG-UCC [complement(30025..30757)], ycf3 [complement(42465..43203)], ycf3 [complement(43434..44123)], trnL-UAA [47161..47598], trnV-UAC [complement(51137..51709)], clpP [complement(69910..70527)], clpP [complement(70819..71630)], petB [74649..75431], petD [76270..76994], rpl2 [complement(84507..85177)], ndhB [complement(94897..95570)], trnI-GAU [101917..102692], trnA-UGC [102830..103649], ndhA [115955..117017], trnA-UGC [complement(132480..133299)], trnI-GAU [complement(133437..134212)], ndhB [140559..141232], rpl2 [150953..151623]
1186.	DIPO	45	rps12 [complement(96893..96918)], rps12 [complement(97457..97658)], rps12 [complement(68680..68793)], atpF [complement(11075..11484)], atpF	atpF [complement(11485..12466)], rpoC1 [complement(21683..22414)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(12467..12617)], rpoC1 [complement(20059..21682)], rpoC1 [complement(22415..22851)], ycf3 [complement(42159..42320)], ycf3 [complement(43060..43289)], ycf3 [complement(44002..44128)], rps12 [138431..138658], rps12 [139197..139223], clpP [complement(68932..69183)], clpP [complement(69803..70093)], clpP [complement(70841..70909)], petB [73854..73859], petB [74653..75294], petD [75490..75495], petD [76224..76745], rpl16 [complement(80196..80597)], rpl16 [complement(81620..81628)], rpl2 [complement(83431..83862)], rpl2 [complement(84524..84910)], ndhB [complement(93812..94567)], ndhB [complement(95273..96049)], ndhA [115842..116394], ndhA [117467..118005], ndhB [140067..140773], ndhB [141548..142304], rpl2 [151206..151596], rpl2 [152258..152685]	[complement(42321..43059)], ycf3 [complement(43290..44001)], clpP [complement(69184..69802)], clpP [complement(70094..70840)], petB [73860..74652], petD [75496..76223], rpl16 [complement(80598..81619)], rpl2 [complement(83863..84523)], ndhB [complement(94568..95272)], ndhA [116395..117466], ndhB [140774..141547], rpl2 [151597..152257]
1187.	DIPR	69	rps12 [complement(96443..96468)], rps12 [complement(97007..97235)], rps12 [complement(68162..68275)], trnK-UUU [complement(1376..1410)], trnK-UUU [complement(3999..4035)], trnG-UCC [7998..8020], trnG-UCC [8787..8834], atpF [complement(10770..11180)], atpF [complement(12134..12280)], rpoC1 [complement(19839..21461)], rpoC1 [complement(22194..22628)], ycf3 [complement(42000..42158)], ycf3 [complement(42900..43127)], ycf3 [complement(43837..43968)], trnL-UAA [46499..46533], trnL-UAA [47079..47128], trnV-UAC [complement(50696..50732)], trnV-UAC [complement(51319..51357)], rps12 [137981..138209], rps12 [138748..138773], clpP [complement(68422..68673)], clpP [complement(69310..69600)], clpP [complement(70347..70415)], petB [73401..73406], petB [74191..74832], petD [75026..75031], petD [75768..76277], rpl16 [complement(79738..80139)], rpl16 [complement(81153..81161)], rpl2 [complement(82975..83406)], rpl2 [complement(84068..84454)], ndhB [complement(93362..94117)], ndhB [complement(94823..95599)], trnI-GAU [101080..101121], trnI-GAU [102065..102099], trnA-UGC [102164..102201], trnA-UGC [102994..103028], ndhA [115274..115825], ndhA [116900..117439], trnA-UGC [complement(132184..132218)], trnA-UGC [complement(133011..133048)], trnI-GAU [complement(133113..133147)], trnI-GAU	trnK-UUU [complement(1411..3998)], trnG-UCC [8021..8786], atpF [complement(11181..12133)], rpoC1 [complement(21462..22193)], ycf3 [complement(42159..42899)], ycf3 [complement(43128..43836)], trnL-UAA [46534..47078], trnV-UAC [complement(50733..51318)], clpP [complement(68674..69309)], clpP [complement(69601..70346)], petB [73407..74190], petD [75032..75767], rpl16 [complement(80140..81152)], rpl2 [complement(83407..84067)], ndhB [complement(94118..94822)], trnI-GAU [101122..102064], trnA-UGC [102202..102993], ndhA [115826..116899], trnA-UGC [complement(132219..133010)], trnI-GAU [complement(133148..134090)], ndhB [140394..141098], rpl2 [151170..151830]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134091..134132)], ndhB [139617..140393], ndhB [141099..141854], rpl2 [150783..151169], rpl2 [151831..152262]	
1188.	DIPU	28	rps12 [complement(97721..97963)], rps12 [complement(69313..69426)], trnK-UUU [complement(1613..1642)], trnK-UUU [complement(4188..4224)], ycf3 [complement(43277..43506)], rps12 [138217..138459]	trnK-UUU [complement(1643..4187)], rps16 [complement(5255..6148)], rpoC1 [16455..17196], atpF [26918..27626], trnG-UCC [complement(30106..30838)], ycf3 [complement(42538..43276)], ycf3 [complement(43507..44196)], trnL-UAA [47319..47756], trnV-UAC [complement(51283..51855)], clpP [complement(69856..70476)], clpP [complement(70768..71582)], petB [74625..75408], petD [76247..76989], rpl2 [complement(84493..85163)], ndhB [complement(94901..95575)], trnI-GAU [101927..102702], trnA-UGC [102840..103659], ndhA [115965..117039], trnA-UGC [complement(132521..133340)], trnI-GAU [complement(133478..134253)], ndhB [140605..141279], rpl2 [151018..151688]
1189.	DIQU	69	rps12 [complement(96128..96153)], rps12 [complement(96692..96920)], rps12 [complement(68085..68198)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3976..4012)], trnG-UCC [7817..7839], trnG-UCC [8616..8663], atpF [complement(10597..11007)], atpF [complement(11992..12138)], rpoC1 [complement(19680..21302)], rpoC1 [complement(22032..22466)], ycf3 [complement(41745..41903)], ycf3 [complement(42646..42873)], ycf3 [complement(43587..43718)], trnL-UAA [46270..46304], trnL-UAA [46848..46897], trnV-UAC [complement(50567..50603)], trnV-UAC [complement(51187..51225)], rps12 [137624..137852], rps12 [138391..138416], clpP [complement(68345..68596)], clpP [complement(69226..69516)], clpP [complement(70255..70323)], petB	trnK-UUU [complement(1415..3975)], trnG-UCC [7840..8615], atpF [complement(11008..11991)], rpoC1 [complement(21303..22031)], ycf3 [complement(41904..42645)], ycf3 [complement(42874..43586)], trnL-UAA [46305..46847], trnV-UAC [complement(50604..51186)], clpP [complement(68597..69225)], clpP [complement(69517..70254)], petB [73291..74086], petD [74930..75666], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[73285..73290], petB [74087..74728], petD [74924..74929], petD [75667..76188], rpl16 [complement(79641..80042)], rpl16 [complement(80904..80906)], rpl2 [complement(82650..83081)], rpl2 [complement(83743..84129)], ndhB [complement(93036..93791)], ndhB [complement(94491..95267)], trnI-GAU [100768..100809], trnI-GAU [101752..101786], trnA-UGC [101851..101887], trnA-UGC [102679..102713], ndhA [114937..115488], ndhA [116553..117092], trnA-UGC [complement(131818..131852)], trnA-UGC [complement(132644..132680)], trnI-GAU [complement(132745..132779)], trnI-GAU [complement(133722..133763)], ndhB [139277..140053], ndhB [140753..141508], rpl2 [150415..150801], rpl2 [151463..151894]	[complement(80043..80903)], rpl2 [complement(83082..83742)], ndhB [complement(93792..94490)], trnI-GAU [100810..101751], trnA-UGC [101888..102678], ndhA [115489..116552], trnA-UGC [complement(131853..132643)], trnI-GAU [complement(132780..133721)], ndhB [140054..140752], rpl2 [150802..151462]
1190.	DIRB	28	rps12 [complement(97725..97967)], rps12 [complement(69352..69465)], trnK-UUU [complement(1600..1629)], trnK-UUU [complement(4181..4217)], ycf3 [complement(43182..43411)], rps12 [138185..138427]	trnK-UUU [complement(1630..4180)], rps16 [complement(5249..6146)], rpoC1 [16389..17125], atpF [26848..27556], trnG-UCC [complement(30048..30780)], ycf3 [complement(42443..43181)], ycf3 [complement(43412..44101)], trnL-UAA [47154..47591], trnV-UAC [complement(51123..51695)], clpP [complement(69895..70510)], clpP [complement(70802..71614)], petB [74668..75457], petD [76296..77018], rpl2 [complement(84516..85186)], ndhB [complement(94906..95579)], trnI-GAU [101926..102701], trnA-UGC [102839..103658], ndhA [115964..117022], trnA-UGC [complement(132494..133313)], trnI-GAU [complement(133451..134226)], ndhB [140573..141246], rpl2 [150967..151637]
1191.	DIRE	28	rps12 [complement(97369..97611)], rps12 [complement(68987..69100)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)],	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6123)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ycf3 [complement(42843..43072)], rps12 [137822..138064]	[16356..17097], atpF [26814..27522], trnG-UCC [complement(30013..30745)], ycf3 [complement(42104..42842)], ycf3 [complement(43073..43762)], trnL-UAA [46790..47227], trnV-UAC [complement(50772..51336)], clpP [complement(69530..70148)], clpP [complement(70440..71253)], petB [74300..75082], petD [75921..76647], rpl2 [complement(84160..84830)], ndhB [complement(94550..95223)], trnI-GAU [101570..102345], trnA-UGC [102483..103302], ndhA [115608..116670], trnA-UGC [complement(132131..132950)], trnI-GAU [complement(133088..133863)], ndhB [140210..140883], rpl2 [150604..151274]
1192.	DIRH	28	rps12 [complement(97862..98104)], rps12 [complement(69504..69617)], trnK-UUU [complement(1630..1659)], trnK-UUU [complement(4211..4247)], ycf3 [complement(43236..43465)], rps12 [138288..138530]	trnK-UUU [complement(1660..4210)], rps16 [complement(5279..6175)], rpoC1 [16413..17149], atpF [26872..27580], trnG-UCC [complement(30071..30803)], ycf3 [complement(42497..43235)], ycf3 [complement(43466..44155)], trnL-UAA [47215..47652], trnV-UAC [complement(51231..51803)], clpP [complement(70047..70663)], clpP [complement(70955..71766)], petB [74807..75589], petD [76428..77156], rpl2 [complement(84653..85323)], ndhB [complement(95043..95716)], trnI-GAU [102054..102829], trnA-UGC [102967..103786], ndhA [116092..117148],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnA-UGC [complement(132606..133425)], trnI-GAU [complement(133563..134338)], ndhB [140676..141349], rpl2 [151070..151740]
1193.	DIRI	73	rps12 [complement(100648..100673)], rps12 [complement(101210..101441)], rps12 [complement(72694..72807)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4346..4382)], rps16 [complement(5225..5449)], rps16 [complement(6292..6330)], trnG-GCC [10035..10057], trnG-GCC [10733..10780], atpF [complement(12808..13217)], atpF [complement(13945..14089)], rpoC1 [complement(22034..23659)], rpoC1 [complement(24411..24845)], ycf3 [complement(44455..44607)], ycf3 [complement(45343..45570)], ycf3 [complement(46284..46409)], trnL-UAA [49646..49682], trnL-UAA [50188..50237], trnV-UAC [complement(54106..54142)], trnV-UAC [complement(54728..54765)], rps12 [complement(72694..72807)], rps12 [143151..143382], rps12 [143919..143944], clpP [complement(72939..73166)], clpP [complement(73825..74115)], clpP [complement(74929..74997)], petB [77903..77908], petB [78669..79325], petD [79514..79522], petD [80233..80757], rpl16 [complement(84251..84649)], rpl16 [complement(85634..85642)], rpl2 [complement(87291..87725)], rpl2 [complement(88391..88780)], ndhB [complement(97593..98348)], ndhB [complement(99028..99804)], trnI-GAU [105179..105220], trnI-GAU [106153..106187], trnA-UGC [106252..106289], trnA-UGC [107097..107131], ndhA [complement(122889..123428)], ndhA [complement(124561..125112)], trnA-UGC [complement(137461..137495)], trnA-UGC [complement(138303..138340)], trnI-GAU [complement(138405..138439)], trnI-GAU [complement(139372..139413)], ndhB [144788..145564], ndhB [146244..146999], rpl2 [155812..156201], rpl2 [156867..157301]	trnK-UUU [complement(1844..4345)], rps16 [complement(5450..6291)], trnG-GCC [10058..10732], atpF [complement(13218..13944)], rpoC1 [complement(23660..24410)], ycf3 [complement(44608..45342)], ycf3 [complement(45571..46283)], trnL-UAA [49683..50187], trnV-UAC [complement(54143..54727)], clpP [complement(73167..73824)], clpP [complement(74116..74928)], petB [77909..78668], petD [79523..80232], rpl16 [complement(84650..85633)], rpl2 [complement(87726..88390)], ndhB [complement(98349..99027)], trnI-GAU [105221..106152], trnA-UGC [106290..107096], ndhA [complement(123429..124560)], trnA-UGC [complement(137496..138302)], trnI-GAU [complement(138440..139371)], ndhB [145565..146243], rpl2 [156202..156866]
1194.	DIRM	28	rps12 [complement(97783..98025)], rps12 [complement(69383..69496)], trnK-UUU [complement(1569..1598)], trnK-UUU [complement(4133..4169)], ycf3 [complement(43135..43364)], rps12 [138255..138497]	trnK-UUU [complement(1599..4132)], rps16 [complement(5201..6088)], rpoC1 [16324..17064], atpF [26791..27499], trnG-UCC [complement(29989..30721)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42396..43134)], ycf3 [complement(43365..44054)], trnL-UAA [47141..47578], trnV-UAC [complement(51105..51671)], clpP [complement(69926..70542)], clpP [complement(70834..71647)], petB [74685..75467], petD [76306..77028], rpl2 [complement(84554..85224)], ndhB [complement(94956..95629)], trnI-GAU [101989..102764], trnA-UGC [102902..103721], ndhA [116033..117091], trnA-UGC [complement(132559..133378)], trnI-GAU [complement(133516..134291)], ndhB [140651..141324], rpl2 [151057..151727]
1195.	DIRO	69	rps12 [complement(99346..99371)], rps12 [complement(99910..100138)], rps12 [complement(71111..71224)], trnK-UUU [complement(4290..4324)], trnK-UUU [complement(6904..6940)], trnG-UCC [10934..10956], trnG-UCC [11724..11771], atpF [complement(13706..14116)], atpF [complement(15087..15233)], rpoC1 [complement(22791..24413)], rpoC1 [complement(25149..25583)], ycf3 [complement(44967..45125)], ycf3 [complement(45870..46097)], ycf3 [complement(46807..46938)], trnL-UAA [49466..49500], trnL-UAA [50045..50094], trnV-UAC [complement(53717..53753)], trnV-UAC [complement(54341..54379)], rps12 [140870..141098], rps12 [141637..141662], clpP [complement(71371..71622)], clpP [complement(72243..72533)], clpP [complement(73263..73331)], petB [76315..76320], petB [77104..77745], petD [77941..77946], petD [78675..79196], rpl16 [complement(82650..83051)], rpl16 [complement(84070..84078)], rpl2 [complement(85879..86310)], rpl2 [complement(86972..87358)], ndhB [complement(96265..97020)], ndhB [complement(97726..98502)], trnI-GAU [103983..104024], trnI-GAU [104967..105001], trnA-UGC [105066..105103], trnA-UGC [105896..105930],	trnK-UUU [complement(4325..6903)], trnG- UCC [10957..11723], atpF [complement(14117..15086)], rpoC1 [complement(24414..25148)], ycf3 [complement(45126..45869)], ycf3 [complement(46098..46806)], trnL-UAA [49501..50044], trnV-UAC [complement(53754..54340)], clpP [complement(71623..72242)], clpP [complement(72534..73262)], petB [76321..77103], petD [77947..78674], rpl16 [complement(83052..84069)], rpl2 [complement(86311..86971)], ndhB [complement(97021..97725)], trnI-GAU [104025..104966], trnA-UGC [105104..105895], ndhA [118725..119797], trnA-UGC [complement(135100..135891)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [118173..118724], ndhA [119798..120337], trnA-UGC [complement(135065..135099)], trnA-UGC [complement(135892..135929)], trnI-GAU [complement(135994..136028)], trnI-GAU [complement(136971..137012)], ndhB [142506..143282], ndhB [143988..144743], rpl2 [153650..154036], rpl2 [154698..155129]	trnI-GAU [complement(136029..136970)], ndhB [143283..143987], rpl2 [154037..154697]
1196.	DIRS	28	rps12 [complement(97758..98000)], rps12 [complement(69401..69514)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43172..43401)], rps12 [138215..138457]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6122)], rpoC1 [16365..17106], atpF [26823..27531], trnG-UCC [complement(30020..30752)], ycf3 [complement(42433..43171)], ycf3 [complement(43402..44091)], trnL-UAA [47166..47603], trnV-UAC [complement(51143..51715)], clpP [complement(69944..70561)], clpP [complement(70853..71664)], petB [74683..75465], petD [76304..77036], rpl2 [complement(84549..85219)], ndhB [complement(94939..95612)], trnI-GAU [101959..102734], trnA-UGC [102872..103691], ndhA [115997..117061], trnA-UGC [complement(132524..133343)], trnI-GAU [complement(133481..134256)], ndhB [140603..141276], rpl2 [150997..151667]
1197.	DIRU	28	rps12 [complement(97509..97751)], rps12 [complement(69124..69237)], trnK-UUU [complement(1586..1615)], trnK-UUU [complement(4150..4186)], ycf3 [complement(42937..43166)], rps12 [138013..138255]	trnK-UUU [complement(1616..4149)], rps16 [complement(5218..6125)], rpoC1 [16344..17114], atpF [26850..27558], trnG-UCC [complement(30052..30784)], ycf3 [complement(42198..42936)], ycf3 [complement(43167..43856)], trnL-UAA [46920..47357], trnV-UAC [complement(50880..51452)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(69667..70272)], clpP [complement(70564..71373)], petB [74427..75218], petD [76057..76779], rpl2 [complement(84286..84952)], ndhB [complement(94690..95363)], trnI-GAU [101715..102490], trnA-UGC [102628..103447], ndhA [115753..116815], trnA-UGC [complement(132317..133136)], trnI-GAU [complement(133274..134049)], ndhB [140401..141074], rpl2 [150813..151479]
1198.	DISA	28	rps12 [complement(97798..98040)], rps12 [complement(69458..69571)], trnK-UUU [complement(1571..1600)], trnK-UUU [complement(4139..4175)], ycf3 [complement(43297..43526)], rps12 [138195..138437]	trnK-UUU [complement(1601..4138)], rps16 [complement(5233..6135)], rpoC1 [16406..17154], atpF [26890..27602], trnG-UCC [complement(30085..30817)], ycf3 [complement(42558..43296)], ycf3 [complement(43527..44216)], trnL-UAA [47230..47667], trnV-UAC [complement(51199..51770)], clpP [complement(70001..70610)], clpP [complement(70902..71713)], petB [74761..75497], petD [76336..77062], rpl2 [complement(84571..85241)], ndhB [complement(94979..95652)], trnI-GAU [102004..102778], trnA-UGC [102916..103735], ndhA [116041..117120], trnA-UGC [complement(132500..133319)], trnI-GAU [complement(133457..134231)], ndhB [140583..141256], rpl2 [150995..151665]
1199.	DISB	23	trnK-UUU [complement(1405..1433)], trnK-UUU [complement(3938..3975)], rps12 [128279..128307]	trnK-UUU [complement(1434..3937)], rps16 [complement(4748..5586)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(13022..13717)], atpF [32888..33718], ycf3 [complement(42009..42747)], ycf3 [complement(42976..43728)], trnL-UAA [46655..47111], trnV-UAC [complement(50845..51446)], petB [71008..71748], petD [72587..73328], rpl16 [complement(77768..78854)], rpl2 [complement(81260..81922)], ndhB [complement(87905..88608)], trnI-GAU [94888..95833], trnA-UGC [95972..96781], ndhA [complement(112795..113806)], trnA-UGC [complement(121741..122550)], trnI-GAU [complement(122689..123634)], ndhB [129914..130617], rpl2 [136600..137262]
1200.	DISC	28	rps12 [complement(97751..97993)], rps12 [complement(69370..69483)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43155..43384)], rps12 [138251..138493]	trnK-UUU [complement(1608..4158)], rps16 [complement(5221..6117)], rpoC1 [16358..17099], atpF [26818..27526], trnG-UCC [complement(30017..30749)], ycf3 [complement(42416..43154)], ycf3 [complement(43385..44074)], trnL-UAA [47133..47570], trnV-UAC [complement(51110..51677)], clpP [complement(69913..70528)], clpP [complement(70820..71632)], petB [74679..75461], petD [76300..77026], rpl2 [complement(84542..85212)], ndhB [complement(94932..95605)], trnI-GAU [101952..102726], trnA-UGC [102864..103683], ndhA [115989..117048], trnA-UGC [complement(132561..133380)], trnI-GAU [complement(133518..134292)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhB [140639..141312], rpl2 [151033..151703]
1201.	DISD	69	rps12 [complement(96476..96501)], rps12 [complement(97040..97268)], rps12 [complement(68219..68332)], trnK-UUU [complement(1376..1410)], trnK-UUU [complement(3987..4023)], trnG-UCC [8044..8066], trnG-UCC [8826..8873], atpF [complement(10810..11220)], atpF [complement(12165..12311)], rpoC1 [complement(19888..21510)], rpoC1 [complement(22240..22674)], ycf3 [complement(41946..42104)], ycf3 [complement(42847..43074)], ycf3 [complement(43784..43915)], trnL-UAA [46441..46475], trnL-UAA [47022..47071], trnV-UAC [complement(50702..50738)], trnV-UAC [complement(51325..51363)], rps12 [137917..138145], rps12 [138684..138709], clpP [complement(68479..68730)], clpP [complement(69360..69650)], clpP [complement(70391..70459)], petB [73423..73428], petB [74215..74856], petD [75052..75057], petD [75795..76451], rpl16 [complement(79782..80183)], rpl16 [complement(81201..81209)], rpl2 [complement(83017..83448)], rpl2 [complement(84110..84496)], ndhB [complement(93402..94157)], ndhB [complement(94857..95633)], trnI-GAU [101114..101155], trnI-GAU [102098..102132], trnA-UGC [102197..102234], trnA-UGC [103027..103061], ndhA [115316..115867], ndhA [116948..117487], trnA-UGC [complement(132140..132174)], trnA-UGC [complement(132967..133004)], trnI-GAU [complement(133069..133103)], trnI-GAU [complement(134046..134087)], ndhB [139552..140328], ndhB [141028..141783], rpl2 [150689..151075], rpl2 [151737..152168]	trnK-UUU [complement(1411..3986)], trnG-UCC [8067..8825], atpF [complement(11221..12164)], rpoC1 [complement(21511..22239)], ycf3 [complement(42105..42846)], ycf3 [complement(43075..43783)], trnL-UAA [46476..47021], trnV-UAC [complement(50739..51324)], clpP [complement(68731..69359)], clpP [complement(69651..70390)], petB [73429..74214], petD [75058..75794], rpl16 [complement(80184..81200)], rpl2 [complement(83449..84109)], ndhB [complement(94158..94856)], trnI-GAU [101156..102097], trnA-UGC [102235..103026], ndhA [115868..116947], trnA-UGC [complement(132175..132966)], trnI-GAU [complement(133104..134045)], ndhB [140329..141027], rpl2 [151076..151736]
1202.	DISE	79	rps12 [complement(104536..104561)], rps12 [complement(105108..105339)], rps12 [complement(75731..75856)], trnK-UUU [complement(2515..2556)], trnK-UUU [complement(5105..5141)], rps16 [complement(5908..6104)], rps16 [complement(7095..7134)], trnG-UCC [11397..11420], trnG-UCC [12157..12204], atpF [complement(14151..14551)], atpF [complement(15366..15510)], rpoC1 [complement(23353..24975)], rpoC1 [complement(25729..26187)], ycf3 [complement(45998..46150)], ycf3 [complement(46927..47156)], ycf3 [complement(47898..48021)], trnL-UAA	trnK-UUU [complement(2557..5104)], rps16 [complement(6105..7094)], trnG-UCC [11421..12156], atpF [complement(14552..15365)], rpoC1 [complement(24976..25728)], ycf3 [complement(46151..46926)], ycf3 [complement(47157..47897)], trnL-UAA [51564..52070], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[51527..51563], trnL-UAA [52071..52120], trnV-UAC [complement(56472..56508)], trnV-UAC [complement(57104..57142)], rps12 [complement(75731..75856)], rps12 [148745..148976], rps12 [149523..149548], clpP [complement(76033..76278)], clpP [complement(76912..77203)], clpP [complement(78043..78113)], petB [81755..81760], petB [81814..82455], petD [82664..82671], petD [83407..83881], rpl16 [complement(87403..87801)], rpl16 [complement(88894..88902)], rpl2 [complement(90602..91032)], rpl2 [complement(91698..92100)], ndhB [complement(101472..102227)], ndhB [complement(102908..103684)], trnI-GAU [109360..109401], trnI-GAU [110338..110372], ycf68 [109501..109543], ycf68 [109575..109876], trnA- UGC [110437..110474], trnA-UGC [111274..111308], ndhA [complement(127421..127959)], ndhA [complement(129018..129570)], trnA- UGC [complement(142776..142810)], trnA-UGC [complement(143610..143647)], trnI-GAU [complement(143712..143746)], trnI-GAU [complement(144683..144724)], ycf68 [complement(144208..144510)], ycf68 [complement(144542..144583)], ndhB [150400..151176], ndhB [151857..152612], rpl2 [161996..162386], rpl2 [163052..163482]</p>	<p>[complement(56509..57103)], clpP [complement(76279..76911)], clpP [complement(77204..78042)], petB [81761..81813], petD [82672..83406], rpl16 [complement(87802..88893)], rpl2 [complement(91033..91697)], ndhB [complement(102228..102907)], trnI-GAU [109402..110337], ycf68 [109544..109574], trnA-UGC [110475..111273], ndhA [complement(127960..129017)], trnA-UGC [complement(142811..143609)], trnI-GAU [complement(143747..144682)], ycf68 [complement(144511..144541)], ndhB [151177..151856], rpl2 [162387..163051]</p>
1203.	DISF	69	<p>rps12 [complement(96504..96529)], rps12 [complement(97068..97296)], rps12 [complement(68267..68380)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(3987..4023)], trnG-UCC [8021..8043], trnG-UCC [8811..8858], atpF [complement(10795..11205)], atpF [complement(12191..12337)], rpoC1 [complement(19897..21519)], rpoC1 [complement(22255..22689)], ycf3 [complement(42084..42242)], ycf3 [complement(42978..43205)], ycf3 [complement(43915..44046)], trnL-UAA [46591..46625], trnL-UAA [47170..47219], trnV-UAC [complement(50826..50862)], trnV-UAC [complement(51449..51487)], rps12 [138017..138245], rps12 [138784..138809], clpP [complement(68527..68778)], clpP [complement(69398..69688)], clpP [complement(70418..70486)], petB [73468..73473], petB [74258..74899], petD [75095..75100], petD [75829..76350], rpl16 [complement(79806..80207)], rpl16</p>	<p>trnK-UUU [complement(1412..3986)], trnG- UCC [8044..8810], atpF [complement(11206..12190)], rpoC1 [complement(21520..22254)], ycf3 [complement(42243..42977)], ycf3 [complement(43206..43914)], trnL-UAA [46626..47169], trnV-UAC [complement(50863..51448)], clpP [complement(68779..69397)], clpP [complement(69689..70417)], petB [73474..74257], petD [75101..75828], rpl16 [complement(80208..81226)], rpl2 [complement(83469..84129)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(81227..81235)], rpl2 [complement(83037..83468)], rpl2 [complement(84130..84516)], ndhB [complement(93423..94178)], ndhB [complement(94884..95660)], trnI-GAU [101141..101182], trnI-GAU [102125..102159], trnA-UGC [102224..102261], trnA-UGC [103054..103088], ndhA [115345..115896], ndhA [116969..117508], trnA-UGC [complement(132212..132246)], trnA-UGC [complement(133039..133076)], trnI-GAU [complement(133141..133175)], trnI-GAU [complement(134118..134159)], ndhB [139653..140429], ndhB [141135..141890], rpl2 [150797..151183], rpl2 [151845..152276]	[complement(94179..94883)], trnI-GAU [101183..102124], trnA-UGC [102262..103053], ndhA [115897..116968], trnA-UGC [complement(132247..133038)], trnI-GAU [complement(133176..134117)], ndhB [140430..141134], rpl2 [151184..151844]
1204.	DISG	73	rps12 [complement(100538..100563)], rps12 [complement(101100..101331)], rps12 [complement(72539..72652)], trnK-UUU [complement(1800..1834)], trnK-UUU [complement(4344..4380)], rps16 [complement(5243..5468)], rps16 [complement(6314..6351)], trnG-GCC [10068..10090], trnG-GCC [10771..10818], atpF [complement(12843..13251)], atpF [complement(13976..14133)], rpoC1 [complement(21988..23613)], rpoC1 [complement(24365..24799)], ycf3 [complement(44370..44522)], ycf3 [complement(45259..45486)], ycf3 [complement(46202..46327)], trnL-UAA [complement(49457..49493)], trnL-UAA [complement(50003..50052)], trnV-UAC [complement(53926..53962)], trnV-UAC [complement(54548..54585)], rps12 [complement(72539..72652)], rps12 [143285..143516], rps12 [144053..144078], clpP [complement(72796..73024)], clpP [complement(73681..73971)], clpP [complement(74800..74867)], petB [77778..77783], petB [78552..79208], petD [79396..79404], petD [80109..80633], rpl16 [complement(84128..84529)], rpl16 [complement(85512..85520)], rpl2 [complement(87173..87607)], rpl2 [complement(88270..88662)], ndhB [complement(97482..98237)], ndhB [complement(98917..99693)], trnI-GAU [105119..105160], trnI-GAU [106094..106128], trnA-UGC [106193..106230], trnA-UGC [107038..107072], ndhA [complement(122943..123481)], ndhA [complement(124597..125149)], trnA-UGC [complement(137544..137578)], trnA-UGC [complement(138386..138423)], trnI-GAU [complement(138488..138522)], trnI-GAU [complement(139456..139497)], ndhB [144923..145699], ndhB	trnK-UUU [complement(1835..4343)], rps16 [complement(5469..6313)], trnG-GCC [10091..10770], atpF [complement(13252..13975)], rpoC1 [complement(23614..24364)], ycf3 [complement(44523..45258)], ycf3 [complement(45487..46201)], trnL-UAA [complement(49494..50002)], trnV-UAC [complement(53963..54547)], clpP [complement(73025..73680)], clpP [complement(73972..74799)], petB [77784..78551], petD [79405..80108], rpl16 [complement(84530..85511)], rpl2 [complement(87608..88269)], ndhB [complement(98238..98916)], trnI-GAU [105161..106093], trnA-UGC [106231..107037], ndhA [complement(123482..124596)], trnA-UGC [complement(137579..138385)], trnI-GAU [complement(138523..139455)], ndhB [145700..146378], rpl2 [156347..157008]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146379..147134], rpl2 [155954..156346], rpl2 [157009..157443]	
1205.	DISH	66	rps12 [complement(96416..96441)], rps12 [complement(96980..97208)], rps12 [complement(68098..68211)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(3992..4028)], trnG-UCC [7839..7861], trnG-UCC [8628..8675], atpF [complement(10615..11025)], atpF [complement(11997..12143)], rpoC1 [complement(19712..21334)], rpoC1 [complement(22070..22504)], ycf3 [complement(41850..42008)], ycf3 [complement(42752..42979)], ycf3 [complement(43689..43820)], trnL-UAA [46364..46398], trnL-UAA [46945..46994], trnV-UAC [complement(50639..50675)], trnV-UAC [complement(51262..51300)], rps12 [137913..138141], rps12 [138680..138705], clpP [complement(68358..68609)], clpP [complement(69236..69526)], clpP [complement(70264..70332)], petB [73301..73306], petB [74106..74747], petD [74950..74955], petD [75685..76206], rpl16 [complement(79693..80094)], rpl16 [complement(81116..81124)], rpl2 [complement(82947..83378)], rpl2 [complement(84041..84427)], ndhB [complement(93335..94090)], ndhB [complement(94796..95572)], trnI-GAU [101045..101086], trnI-GAU [102029..102063], trnA-UGC [102128..102165], trnA-UGC [102958..102992], ndhA [115247..115798], ndhA [116868..117407], trnA-UGC [complement(132117..132151)], trnA-UGC [complement(132944..132981)], trnI-GAU [complement(133046..133080)], trnI-GAU [complement(134023..134064)], ndhB [139549..140325], ndhB [141031..141786]	trnK-UUU [complement(1412..3991)], trnG-UCC [7862..8627], atpF [complement(11026..11996)], rpoC1 [complement(21335..22069)], ycf3 [complement(42009..42751)], ycf3 [complement(42980..43688)], trnL-UAA [46399..46944], trnV-UAC [complement(50676..51261)], clpP [complement(68610..69235)], clpP [complement(69527..70263)], petB [73307..74105], petD [74956..75684], rpl16 [complement(80095..81115)], rpl2 [complement(83379..84040)], ndhB [complement(94091..94795)], trnI-GAU [101087..102028], trnA-UGC [102166..102957], ndhA [115799..116867], trnA-UGC [complement(132152..132943)], trnI-GAU [complement(133081..134022)], ndhB [140326..141030]
1206.	DISI	72	rps12 [complement(99487..99512)], rps12 [complement(100058..100289)], rps12 [complement(71554..71667)], trnK-UUU [complement(1887..1924)], trnK-UUU [complement(4417..4453)], rps16 [complement(5441..5650)], rps16 [complement(6462..6500)], trnG [9816..9838], trnG [10560..10607], atpF [complement(12682..13089)], atpF [complement(13848..14006)], rpoC1 [complement(21641..23266)], rpoC1 [complement(23933..24367)], ycf3 [complement(43997..44149)], ycf3 [complement(44881..45108)], ycf3 [complement(45827..45952)], trnL-UAA [49314..49350], trnL-UAA [49872..49920], trnV-UAC [complement(53735..53771)], trnV-UAC	trnK-UUU [complement(1925..4416)], rps16 [complement(5651..6461)], trnG [9839..10559], atpF [complement(13090..13847)], rpoC1 [complement(23267..23932)], ycf3 [complement(44150..44880)], ycf3 [complement(45109..45826)], trnL-UAA [49351..49871], trnV-UAC [complement(53772..54361)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54362..54400)], rps12 [142247..142478], rps12 [143024..143049], clpP [complement(71831..72058)], clpP [complement(72662..72952)], clpP [complement(73804..73872)], petB [76786..76791], petB [77547..78203], petD [78408..78416], petD [79091..79615], rpl16 [complement(83094..83495)], rpl16 [complement(84547..84555)], rpl2 [complement(86229..86663)], rpl2 [complement(87325..87717)], ndhB [complement(96421..97176)], ndhB [complement(97859..98635)], trnI-GAU [104191..104232], trnI-GAU [105185..105219], trnA [105284..105321], trnA [106129..106163], ndhA [complement(121940..122479)], ndhA [complement(123570..124121)], trnA-UGC [complement(136373..136407)], trnA-UGC [complement(137215..137252)], trnI-GAU [complement(137317..137351)], trnI-GAU [complement(138304..138345)], ndhB [143901..144677], ndhB [145360..146115], rpl2 [154819..155208], rpl2 [155873..156307]	[complement(72059..72661)], clpP [complement(72953..73803)], petB [76792..77546], petD [78417..79090], rpl16 [complement(83496..84546)], rpl2 [complement(86664..87324)], ndhB [complement(97177..97858)], trnI-GAU [104233..105184], trnA [105322..106128], ndhA [complement(122480..123569)], trnA-UGC [complement(136408..137214)], trnI-GAU [complement(137352..138303)], ndhB [144678..145359], rpl2 [155209..155872]
1207.	DISN	65	trnK-UUU [complement(1611..1645)], trnK-UUU [complement(4120..4156)], rps16 [complement(4936..5150)], rps16 [complement(5842..5881)], trnG-UCC [complement(10419..10441)], trnG-UCC [complement(11227..11274)], atpF [complement(13218..13627)], atpF [complement(14226..14370)], rpoC1 [complement(21820..23433)], rpoC1 [complement(24127..24588)], ycf3 [complement(44342..44497)], ycf3 [complement(45234..45463)], ycf3 [complement(46167..46290)], trnL-UAG [48715..48749], trnL-UAG [49237..49289], trnV-UAC [complement(55383..55417)], trnV-UAC [complement(55959..55997)], rps12 [148798..148814], clpP [complement(72747..72992)], clpP [complement(73592..73883)], clpP [complement(74562..74611)], petB [77555..77560], petB [78307..78948], petD [79140..79147], petD [79877..80351], rpl16 [complement(83742..84149)], rpl16 [complement(84921..84929)], rpl2 [complement(86495..86925)], rpl2 [complement(87602..88001)], ndhB [complement(98312..99073)], ndhB [complement(99801..100523)], trnI-GAU [106089..106125], trnI-GAU [107064..107098], trnA-UGC [107167..107204], trnA-UGC [107985..108019], ndhA [complement(124581..125128)], ndhA [complement(126096..126654)], trnA-UGC [complement(142199..142233)], trnA-UGC	trnK-UUU [complement(1646..4119)], rps16 [complement(5151..5841)], trnG-UCC [complement(10442..11226)], atpF [complement(13628..14225)], rpoC1 [complement(23434..24126)], ycf3 [complement(44498..45233)], ycf3 [complement(45464..46166)], trnL-UAG [48750..49236], trnV-UAC [complement(55418..55958)], clpP [complement(72993..73591)], clpP [complement(73884..74561)], petB [77561..78306], petD [79148..79876], rpl16 [complement(84150..84920)], rpl2 [complement(86926..87601)], ndhB [complement(99074..99800)], trnI-GAU [106126..107063], trnA-UGC [107205..107984], ndhA [complement(125129..126095)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(143014..143051)], trnI-GAU [complement(143120..143154)], trnI-GAU [complement(144093..144129)], ndhB [149695..150417], ndhB [151145..151906]	[complement(142234..143013)], trnI-GAU [complement(143155..144092)], ndhB [150418..151144]
1208.	DISP	64	rps12 [complement(91845..91873)], rps12 [complement(92414..92645)], rps12 [complement(67727..67840)], trnK-UUU [complement(1410..1442)], trnK-UUU [complement(3920..3957)], rps16 [complement(4506..4723)], rps16 [complement(5554..5593)], trnG-UCC [complement(13123..13170)], trnG-UCC [complement(13878..13900)], atpF [33729..33887], atpF [34687..35094], ycf3 [complement(42804..42962)], ycf3 [complement(43695..43922)], ycf3 [complement(44652..44777)], trnL-UAA [47011..47045], trnL-UAA [47595..47644], trnV-UAC [complement(51410..51456)], trnV-UAC [complement(52044..52082)], rps12 [129235..129466], rps12 [130007..130035], petB [71688..71693], petB [72461..73108], petD [73308..73315], petD [74062..74536], rpl16 [complement(78298..78699)], rpl16 [complement(81837..81845)], rpl2 [complement(83943..84374)], rpl2 [complement(85035..85427)], ndhB [complement(88776..89532)], ndhB [complement(90241..91016)], trnI-GAU [96713..96754], trnI-GAU [97464..97498], trnA-UGC [97564..97601], trnA-UGC [98412..98446], ndhA [complement(113992..114531)], ndhA [complement(115552..116100)], trnA-UGC [complement(123434..123468)], trnA-UGC [complement(124279..124316)], trnI-GAU [complement(124382..124416)], trnI-GAU [complement(125126..125167)], ndhB [130864..131639], ndhB [132348..133104], rpl2 [136453..136845], rpl2 [137506..137937]	trnK-UUU [complement(1443..3919)], rps16 [complement(4724..5553)], trnG-UCC [complement(13171..13877)], atpF [33888..34686], ycf3 [complement(42963..43694)], ycf3 [complement(43923..44651)], trnL-UAA [47046..47594], trnV-UAC [complement(51457..52043)], petB [71694..72460], petD [73316..74061], rpl16 [complement(78700..81836)], rpl2 [complement(84375..85034)], ndhB [complement(89533..90240)], trnI-GAU [96755..97463], trnA-UGC [97602..98411], ndhA [complement(114532..115551)], trnA-UGC [complement(123469..124278)], trnI-GAU [complement(124417..125125)], ndhB [131640..132347], rpl2 [136846..137505]
1209.	DISR	28	rps12 [complement(97680..97922)], rps12 [complement(69364..69477)], trnK-UUU [complement(1574..1603)], trnK-UUU [complement(4137..4173)], ycf3 [complement(43267..43496)], rps12 [138042..138284]	trnK-UUU [complement(1604..4136)], rps16 [complement(5189..6090)], rpoC1 [16347..17095], atpF [26825..27537], trnG-UCC [complement(30023..30755)], ycf3 [complement(42528..43266)], ycf3 [complement(43497..44186)], trnL-UAA [47167..47604], trnV-UAC [complement(51136..51707)], clpP [complement(69907..70523)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(70815..71628)], petB [74681..75417], petD [76256..76978], rpl2 [complement(84453..85123)], ndhB [complement(94861..95534)], trnI-GAU [101896..102670], trnA-UGC [102808..103627], ndhA [115933..116991], trnA-UGC [complement(132337..133156)], trnI-GAU [complement(133294..134068)], ndhB [140430..141103], rpl2 [150842..151512]
1210.	DISS	40	rps12 [complement(100534..100559)], rps12 [complement(101095..101326)], rps12 [complement(72470..72583)], trnK-UUU [complement(1912..1956)], trnK-UUU [complement(4462..4498)], trnG-GCC [9044..9066], trnG-GCC [9773..9820], trnL-UAA [49416..49450], trnL-UAA [49918..49967], trnV-UAC [complement(54396..54432)], trnV-UAC [complement(55019..55057)], rps12 [complement(72470..72583)], rps12 [143148..143379], rps12 [143915..143940], trnI-GAU [104926..104967], trnI-GAU [105908..105942], trnI-GAU [complement(138532..138566)], trnI-GAU [complement(139507..139548)]	trnK-UUU [complement(1957..4461)], trnG-GCC [9067..9772], atpF [complement(12180..12865)], rpoC1 [complement(22620..23362)], ycf3 [complement(44414..45160)], ycf3 [complement(45389..46121)], trnL-UAA [49451..49917], trnV-UAC [complement(54433..55018)], clpP [complement(72996..73664)], clpP [complement(73962..74656)], petB [77603..78439], petD [79299..80034], rpl16 [complement(84443..85482)], rpl2 [complement(87667..88326)], ndhB [complement(98691..99375)], trnI-GAU [104968..105907], trnA-UGC [106045..106850], ndhA [complement(123360..124232)], trnA-UGC [complement(137624..138429)], trnI-GAU [complement(138567..139506)], ndhB [145084..145783], rpl2 [156150..156710]
1211.	DIST	73	rps12 [complement(100513..100547)], rps12 [complement(101084..101315)], rps12 [complement(72872..72985)], trnK-UUU [complement(1771..1805)],	trnK-UUU [complement(1806..4302)], rps16 [complement(5450..6308)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4303..4339)], rps16 [complement(5223..5449)], rps16 [complement(6309..6348)], trnG-UCC [10045..10067], trnG-UCC [10752..10799], atpF [complement(12819..13228)], atpF [complement(13943..14087)], rpoC1 [complement(21975..23591)], rpoC1 [complement(24363..24794)], ycf3 [complement(44943..45095)], ycf3 [complement(45834..46063)], ycf3 [complement(46788..46911)], trnL-UAA [50121..50155], trnL-UAA [50678..50727], trnV-UAC [complement(54370..54404)], trnV-UAC [complement(54986..55024)], rps12 [complement(72872..72985)], rps12 [143848..144079], rps12 [144616..144650], clpP [complement(73124..73351)], clpP [complement(74041..74332)], clpP [complement(75124..75194)], petB [78148..78153], petB [78929..79570], petD [79764..79771], petD [80544..81018], rpl16 [complement(84499..84897)], rpl16 [complement(85937..85945)], rpl2 [complement(87717..88150)], rpl2 [complement(88816..89206)], ndhB [complement(97451..98206)], ndhB [complement(98886..99662)], trnI-GAU [105253..105289], trnI-GAU [106235..106269], trnA-UGC [106329..106366], trnA-UGC [107174..107208], ndhA [complement(123563..124101)], ndhA [complement(125186..125738)], trnA-UGC [complement(137955..137989)], trnA-UGC [complement(138797..138834)], trnI-GAU [complement(138894..138928)], trnI-GAU [complement(139874..139910)], ndhB [145501..146277], ndhB [146957..147712], rpl2 [155957..156347], rpl2 [157013..157446]	[10068..10751], atpF [complement(13229..13942)], rpoC1 [complement(23592..24362)], ycf3 [complement(45096..45833)], ycf3 [complement(46064..46787)], trnL-UAA [50156..50677], trnV-UAC [complement(54405..54985)], clpP [complement(73352..74040)], clpP [complement(74333..75123)], petB [78154..78928], petD [79772..80543], rpl16 [complement(84898..85936)], rpl2 [complement(88151..88815)], ndhB [complement(98207..98885)], trnI-GAU [105290..106234], trnA-UGC [106367..107173], ndhA [complement(124102..125185)], trnA-UGC [complement(137990..138796)], trnI-GAU [complement(138929..139873)], ndhB [146278..146956], rpl2 [156348..157012]
1212.	DISU	28	rps12 [complement(97737..97979)], rps12 [complement(69434..69547)], trnK-UUU [complement(1586..1615)], trnK-UUU [complement(4149..4185)], ycf3 [complement(43286..43515)], rps12 [138136..138378]	trnK-UUU [complement(1616..4148)], rps16 [complement(5219..6125)], rpoC1 [16407..17155], atpF [26883..27595], trnG-UCC [complement(30085..30817)], ycf3 [complement(42547..43285)], ycf3 [complement(43516..44205)], trnL-UAA [47193..47630], trnV-UAC [complement(51183..51754)], clpP [complement(69977..70594)], clpP [complement(70886..71697)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[74744..75473], petD [76312..77037], rpl2 [complement(84510..85180)], ndhB [complement(94918..95591)], trnI-GAU [101943..102717], trnA-UGC [102855..103674], ndhA [115975..117043], trnA-UGC [complement(132441..133260)], trnI-GAU [complement(133398..134172)], ndhB [140524..141197], rpl2 [150936..151606]
1213.	DITA	28	rps12 [complement(97727..97969)], rps12 [complement(69365..69478)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4153..4189)], ycf3 [complement(43172..43401)], rps12 [138196..138438]	trnK-UUU [complement(1602..4152)], rps16 [complement(5228..6129)], rpoC1 [16377..17118], atpF [26836..27544], trnG-UCC [complement(30037..30769)], ycf3 [complement(42433..43171)], ycf3 [complement(43402..44091)], trnL-UAA [47133..47570], trnV-UAC [complement(51110..51682)], clpP [complement(69908..70524)], clpP [complement(70816..71628)], petB [74675..75457], petD [76296..77018], rpl2 [complement(84518..85188)], ndhB [complement(94908..95581)], trnI-GAU [101934..102709], trnA-UGC [102847..103666], ndhA [115972..117031], trnA-UGC [complement(132499..133318)], trnI-GAU [complement(133456..134231)], ndhB [140584..141257], rpl2 [150978..151648]
1214.	DITE	28	rps12 [complement(97454..97696)], rps12 [complement(69124..69237)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43047..43276)], rps12 [137910..138152]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6114)], rpoC1 [16388..17128], atpF [26845..27552], trnG-UCC [complement(30045..30777)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42308..43046)], ycf3 [complement(43277..43966)], trnL-UAA [47041..47478], trnV-UAC [complement(51016..51588)], clpP [complement(69667..70271)], clpP [complement(70563..71378)], petB [74391..75173], petD [76012..76738], rpl2 [complement(84245..84915)], ndhB [complement(94635..95308)], trnI-GAU [101655..102430], trnA-UGC [102568..103387], ndhA [115693..116753], trnA-UGC [complement(132219..133038)], trnI-GAU [complement(133176..133951)], ndhB [140298..140971], rpl2 [150692..151362]
1215.	DITH	52	trnK-UUU [complement(12927..12961)], trnK-UUU [complement(15477..15513)], rps16 [complement(16451..16676)], rps16 [complement(17533..17573)], trnG-UCC [20719..20741], trnG-UCC [21451..21498], atpF [complement(23547..23956)], atpF [complement(24714..24858)], rpoC1 [complement(32448..34049)], rpoC1 [complement(34802..35233)], ycf3 [complement(55303..55455)], ycf3 [complement(56193..56420)], ycf3 [complement(57201..57326)], trnL-UAA [60199..60235], trnL-UAA [60761..60810], trnV-UAC [complement(65142..65176)], trnV-UAC [complement(65751..65789)], rps12 [complement(84269..84382)], rps12 [139957..140188], rps12 [140734..140759], clpP [complement(84502..84735)], clpP [complement(85391..85676)], clpP [complement(86609..86679)], petB [89648..89653], petB [90420..91061], petD [91267..91274], petD [92073..92547], rpl16 [complement(96021..96419)], rpl16 [complement(97436..97444)], ndhA [complement(119753..120291)], ndhA [complement(121381..121933)], trnA-UGC [complement(134364..134398)], trnA-UGC [complement(135204..135241)], trnI-GAU	trnK-UUU [complement(12962..15476)], rps16 [complement(16677..17532)], trnG- UCC [20742..21450], atpF [complement(23957..24713)], rpoC1 [complement(34050..34801)], ycf3 [complement(55456..56192)], ycf3 [complement(56421..57200)], trnL-UAA [60236..60760], trnV-UAC [complement(65177..65750)], clpP [complement(84736..85390)], clpP [complement(85677..86608)], petB [89654..90419], petD [91275..92072], rpl16 [complement(96420..97435)], ndhA [complement(120292..121380)], trnA-UGC [complement(134399..135203)], trnI-GAU [complement(135341..136288)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1216.	DITO	69	[complement(135306..135340)], trnI-GAU [complement(136289..136325)] rps12 [complement(96259..96284)], rps12 [complement(96823..97051)], rps12 [complement(68035..68148)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(3998..4034)], trnG-UCC [7822..7844], trnG-UCC [8612..8659], atpF [complement(10597..11007)], atpF [complement(11977..12123)], rpoC1 [complement(19688..21310)], rpoC1 [complement(22046..22480)], ycf3 [complement(41829..41987)], ycf3 [complement(42730..42957)], ycf3 [complement(43667..43798)], trnL-UAA [46347..46381], trnL-UAA [46932..46981], trnV-UAC [complement(50583..50619)], trnV-UAC [complement(51206..51244)], rps12 [137737..137965], rps12 [138504..138529], clpP [complement(68295..68546)], clpP [complement(69166..69456)], clpP [complement(70186..70254)], petB [73241..73246], petB [74029..74670], petD [74867..74872], petD [75601..76113], rpl16 [complement(79568..79969)], rpl16 [complement(80991..80999)], rpl2 [complement(82801..83232)], rpl2 [complement(83894..84280)], ndhB [complement(93178..93933)], ndhB [complement(94639..95415)], trnI-GAU [100896..100937], trnI-GAU [101880..101914], trnA-UGC [101979..102016], trnA-UGC [102809..102843], ndhA [115098..115649], ndhA [116724..117263], trnA-UGC [complement(131936..131970)], trnA-UGC [complement(132763..132800)], trnI-GAU [complement(132865..132899)], trnI-GAU [complement(133842..133883)], ndhB [139373..140149], ndhB [140855..141610], rpl2 [150508..150894], rpl2 [151556..151987]	trnK-UUU [complement(1412..3997)], trnG- UCC [7845..8611], atpF [complement(11008..11976)], rpoC1 [complement(21311..22045)], ycf3 [complement(41988..42729)], ycf3 [complement(42958..43666)], trnL-UAA [46382..46931], trnV-UAC [complement(50620..51205)], clpP [complement(68547..69165)], clpP [complement(69457..70185)], petB [73247..74028], petD [74873..75600], rpl16 [complement(79970..80990)], rpl2 [complement(83233..83893)], ndhB [complement(93934..94638)], trnI-GAU [100938..101879], trnA-UGC [102017..102808], ndhA [115650..116723], trnA-UGC [complement(131971..132762)], trnI-GAU [complement(132900..133841)], ndhB [140150..140854], rpl2 [150895..151555]
1217.	DIVE	28	rps12 [complement(97715..97957)], rps12 [complement(69370..69483)], trnK-UUU [complement(1578..1607)], trnK-UUU [complement(4159..4195)], ycf3 [complement(43177..43406)], rps12 [138172..138414]	trnK-UUU [complement(1608..4158)], rps16 [complement(5227..6122)], rpoC1 [16362..17103], atpF [26821..27529], trnG- UCC [complement(30022..30754)], ycf3 [complement(42438..43176)], ycf3 [complement(43407..44096)], trnL-UAA [47171..47608], trnV-UAC [complement(51137..51709)], clpP [complement(69913..70527)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(70819..71630)], petB [74646..75428], petD [76267..76993], rpl2 [complement(84506..85176)], ndhB [complement(94896..95569)], trnI-GAU [101916..102691], trnA-UGC [102829..103648], ndhA [115953..117013], trnA-UGC [complement(132481..133300)], trnI-GAU [complement(133438..134213)], ndhB [140560..141233], rpl2 [150954..151624]
1218.	DIVI	69	rps12 [complement(97588..97613)], rps12 [complement(98160..98391)], rps12 [complement(69265..69378)], trnK-UUU [complement(1381..1415)], trnK-UUU [complement(3966..4002)], trnG-UCC [8822..8845], trnG-UCC [9623..9670], atpF [complement(11608..12018)], atpF [complement(13004..13150)], rpoC1 [complement(20695..22311)], rpoC1 [complement(23050..23484)], ycf3 [complement(42748..42906)], ycf3 [complement(43663..43890)], ycf3 [complement(44624..44749)], trnL-UAA [47346..47380], trnL-UAA [47913..47962], trnV-UAC [complement(51446..51482)], trnV-UAC [complement(52069..52107)], rps12 [139394..139625], rps12 [140172..140197], clpP [complement(69511..69762)], clpP [complement(70399..70689)], clpP [complement(71441..71509)], petB [74436..74441], petB [75215..75856], petD [76051..76056], petD [76841..77362], rpl16 [complement(80836..81237)], rpl16 [complement(82244..82252)], rpl2 [complement(84126..84557)], rpl2 [complement(85219..85611)], ndhB [complement(94513..95268)], ndhB [complement(95968..96744)], trnI-GAU [102384..102425], trnI-GAU [103373..103407], trnA-UGC [103472..103509], trnA-UGC [104302..104336], ndhA [116656..117207], ndhA [118290..118829], trnA-UGC [complement(133449..133483)], trnA-UGC [complement(134276..134313)], trnI-GAU [complement(134378..134412)], trnI-GAU [complement(135360..135401)], ndhB [141041..141817], ndhB [142517..143272], rpl2 [152174..152566], rpl2 [153228..153659]	trnK-UUU [complement(1416..3965)], trnG-UCC [8846..9622], atpF [complement(12019..13003)], rpoC1 [complement(22312..23049)], ycf3 [complement(42907..43662)], ycf3 [complement(43891..44623)], trnL-UAA [47381..47912], trnV-UAC [complement(51483..52068)], clpP [complement(69763..70398)], clpP [complement(70690..71440)], petB [74442..75214], petD [76057..76840], rpl16 [complement(81238..82243)], rpl2 [complement(84558..85218)], ndhB [complement(95269..95967)], trnI-GAU [102426..103372], trnA-UGC [103510..104301], ndhA [117208..118289], trnA-UGC [complement(133484..134275)], trnI-GAU [complement(134413..135359)], ndhB [141818..142516], rpl2 [152567..153227]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1219.	DIVO	28	rps12 [complement(96883..97125)], rps12 [complement(68560..68673)], trnK-UUU [complement(1576..1605)], trnK-UUU [complement(4157..4193)], ycf3 [complement(42742..42971)], rps12 [137386..137628]	trnK-UUU [complement(1606..4156)], rps16 [complement(5224..6121)], rpoC1 [16360..17101], atpF [26824..27532], trnG-UCC [complement(30023..30755)], ycf3 [complement(42003..42741)], ycf3 [complement(42972..43660)], trnL-UAA [46549..46986], trnV-UAC [complement(50547..51119)], clpP [complement(69103..69719)], clpP [complement(70011..70821)], petB [73831..74613], petD [75452..76179], rpl2 [complement(83674..84344)], ndhB [complement(94064..94737)], trnI-GAU [101084..101859], trnA-UGC [101997..102816], ndhA [115122..116207], trnA-UGC [complement(131695..132514)], trnI-GAU [complement(132652..133427)], ndhB [139774..140447], rpl2 [150168..150838]
1220.	DIVR	73	rps12 [complement(100507..100532)], rps12 [complement(101069..101300)], rps12 [complement(72625..72738)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4321..4357)], rps16 [complement(5181..5405)], rps16 [complement(6252..6290)], trnG-GCC [10057..10079], trnG-GCC [10749..10796], atpF [complement(12836..13245)], atpF [complement(13973..14117)], rpoC1 [complement(22080..23705)], rpoC1 [complement(24461..24895)], ycf3 [complement(44467..44619)], ycf3 [complement(45355..45582)], ycf3 [complement(46294..46419)], trnL-UAA [49614..49650], trnL-UAA [50159..50208], trnV-UAC [complement(54078..54114)], trnV-UAC [complement(54701..54738)], rps12 [complement(72625..72738)], rps12 [143551..143782], rps12 [144319..144344], clpP [complement(72870..73097)], clpP [complement(73754..74044)], clpP [complement(74883..74951)], petB	trnK-UUU [complement(1844..4320)], rps16 [complement(5406..6251)], trnG-GCC [10080..10748], atpF [complement(13246..13972)], rpoC1 [complement(23706..24460)], ycf3 [complement(44620..45354)], ycf3 [complement(45583..46293)], trnL-UAA [49651..50158], trnV-UAC [complement(54115..54700)], clpP [complement(73098..73753)], clpP [complement(74045..74882)], petB [77808..78528], petD [79383..80085], rpl16 [complement(84499..85487)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77802..77807], petB [78529..79185], petD [79374..79382], petD [80086..80610], rpl16 [complement(84100..84498)], rpl16 [complement(85488..85496)], rpl2 [complement(87150..87584)], rpl2 [complement(88250..88639)], ndhB [complement(97452..98207)], ndhB [complement(98887..99663)], trnI-GAU [105223..105264], trnI-GAU [106196..106230], trnA-UGC [106295..106332], trnA-UGC [107140..107174], ndhA [complement(123085..123624)], ndhA [complement(124741..125292)], trnA-UGC [complement(137677..137711)], trnA-UGC [complement(138519..138556)], trnI-GAU [complement(138621..138655)], trnI-GAU [complement(139587..139628)], ndhB [145188..145964], ndhB [146644..147399], rpl2 [156212..156601], rpl2 [157267..157701]	[complement(87585..88249)], ndhB [complement(98208..98886)], trnI-GAU [105265..106195], trnA-UGC [106333..107139], ndhA [complement(123625..124740)], trnA-UGC [complement(137712..138518)], trnI-GAU [complement(138656..139586)], ndhB [145965..146643], rpl2 [156602..157266]
1221.	DIWI	25	trnK-UUU [complement(1398..1430)], trnK-UUU [complement(3910..3947)], trnG-UCC [complement(13342..13389)], trnG-UCC [complement(14073..14095)], rps12 [127942..127970]	trnK-UUU [complement(1431..3909)], rps16 [complement(4723..5547)], trnG-UCC [complement(13390..14072)], atpF [35126..35948], ycf3 [complement(44345..45073)], ycf3 [complement(45302..46043)], trnL-UAA [48910..49447], trnV-UAC [complement(52983..53578)], petB [73271..74042], petD [74881..75620], rpl16 [complement(80039..81103)], rpl2 [complement(83495..84154)], ndhB [complement(87448..88159)], trnI-GAU [94431..95376], trnA-UGC [95515..96324], ndhA [complement(112426..113469)], trnA-UGC [complement(121411..122220)], trnI-GAU [complement(122359..123304)], ndhB [129576..130287], rpl2 [133581..134240]
1222.	DIYU	67	rps12 [complement(101350..101381)], rps12 [complement(101912..102143)], rps12 [complement(74348..74461)], trnK-UUU [complement(1553..1587)], trnK-UUU [complement(4149..4185)], rps16 [complement(4800..5029)], rps16 [complement(5880..5919)], trnG [9690..9712], trnG [10428..10475], atpF	trnK-UUU [complement(1588..4148)], rps16 [complement(5030..5879)], trnG [9713..10427], atpF [complement(12866..13580)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(12455..12865)], atpF [complement(13581..13727)], rpoC1 [complement(21749..23365)], rpoC1 [complement(24144..24602)], ycf3 [complement(43991..44143)], ycf3 [complement(44902..45129)], ycf3 [complement(45879..46004)], trnL-UAA [48614..48650], trnL-UAA [49161..49210], trnV-UAC [complement(53206..53242)], trnV-UAC [complement(53820..53858)], rps18 [72319..72357], rps18 [72421..72622], rps18 [72893..72939], rps12 [complement(74348..74461)], rps12 [142678..142909], rps12 [143446..143477], rpl2 [complement(87850..88284)], rpl2 [complement(88954..89346)], ycf2 [90140..96310], ycf2 [96557..97027], ndhB [complement(98276..99031)], ndhB [complement(99711..100487)], trnI-GAU [106159..106200], trnI-GAU [107143..107177], trnA-UGC [107242..107279], trnA-UGC [108085..108119], ndhA [complement(122546..123085)], ndhA [complement(124151..124702)], trnA-UGC [complement(136708..136742)], trnA-UGC [complement(137548..137586)], trnI-GAU [complement(137650..137684)], trnI-GAU [complement(138627..138668)], ndhB [144340..145116], ndhB [145796..146551], ycf2 [complement(147800..148270)], ycf2 [complement(148517..154687)]	[complement(23366..24143)], ycf3 [complement(44144..44901)], ycf3 [complement(45130..45878)], trnL-UAA [48651..49160], trnV-UAC [complement(53243..53819)], rps18 [72358..72420], rps18 [72623..72892], rpl2 [complement(88285..88953)], ycf2 [96311..96556], ndhB [complement(99032..99710)], trnI-GAU [106201..107142], trnA-UGC [107280..108084], ndhA [complement(123086..124150)], trnA-UGC [complement(136743..137547)], trnI-GAU [complement(137685..138626)], ndhB [145117..145795], ycf2 [complement(148271..148516)]
1223.	DIZI	7	rps12 [complement(97623..97648)], rps12 [complement(98195..98426)], rps12 [139495..139726], rps12 [140273..140298], rpl2 [complement(85254..85640)]	rpl16 [complement(81254..82262)], trnI-GAU [complement(134556..135502)]
1224.	DOCY	70	trnK-UUU [complement(1679..1713)], trnK-UUU [complement(4209..4245)], rps16 [complement(5152..5378)], rps16 [complement(6235..6274)], trnG-UCC [9463..9485], trnG-UCC [10181..10228], atpF [complement(12191..12601)], atpF [complement(13297..13440)], rpoC1 [complement(21331..22941)], rpoC1 [complement(23727..24158)], ycf3 [complement(42634..42786)], ycf3 [complement(43491..43720)], ycf3 [complement(44435..44558)], trnL-UAA [47221..47257], trnL-UAA [47753..47802], trnV-UAC [complement(51695..51731)], trnV-UAC [complement(52306..52343)], rps12 [complement(70094..70207)], rps12 [144320..144551], rps12 [145088..145122], clpP [complement(70398..70643)], clpP [complement(71290..71575)], clpP [complement(72321..72430)], petB	trnK-UUU [complement(1714..4208)], rps16 [complement(5379..6234)], trnG-UCC [9486..10180], atpF [complement(12602..13296)], rpoC1 [complement(22942..23726)], ycf3 [complement(42787..43490)], ycf3 [complement(43721..44434)], trnL-UAA [47258..47752], trnV-UAC [complement(51732..52305)], clpP [complement(70644..71289)], clpP [complement(71576..72320)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75310..75315], petB [76034..76675], petD [76881..76889], petD [77614..78087], rpl16 [complement(81608..82006)], rpl16 [complement(82912..82920)], rpl2 [complement(84662..85096)], rpl2 [complement(85789..86178)], ndhB [complement(94584..95339)], ndhB [complement(96019..96795)], trnI-GAU [102075..102116], trnI-GAU [103048..103082], trnA-UGC [103147..103184], trnA-UGC [103996..104030], ndhA [complement(124231..124770)], ndhA [complement(125859..126410)], trnA-UGC [complement(138677..138711)], trnA-UGC [complement(139523..139560)], trnI-GAU [complement(139625..139659)], trnI-GAU [complement(140591..140632)], ndhB [145912..146688], ndhB [147368..148123], rpl2 [156529..156918], rpl2 [157611..158045]	[75316..76033], petD [76890..77613], rpl16 [complement(82007..82911)], rpl2 [complement(85097..85788)], ndhB [complement(95340..96018)], trnI-GAU [102117..103047], trnA-UGC [103185..103995], ndhA [complement(124771..125858)], trnA-UGC [complement(138712..139522)], trnI-GAU [complement(139660..140590)], ndhB [146689..147367], rpl2 [156919..157610]
1225.	DOH Y	27	rps12 [complement(98616..98894)], rps12 [complement(70520..70645)], rps16 [complement(4985..5194)], rps16 [complement(6100..6147)], rpoC1 [complement(23542..23997)], clpP [complement(70780..71005)], clpP [complement(71634..71929)], clpP [complement(72738..72806)]	trnK-UUU [complement(1579..4083)], rps16 [complement(5195..6099)], atpF [complement(12561..13202)], rpoC1 [complement(22745..23541)], ycf3 [complement(43263..43992)], ycf3 [complement(44224..44920)], trnL-UAA [48091..48570], trnV-UAC [complement(52393..52969)], clpP [complement(71006..71633)], clpP [complement(71930..72737)], rpl2 [complement(85224..85888)], ndhB [complement(95825..96500)], trnI-GAU [102576..103510], trnA-UGC [103654..104472], ndhA [complement(119828..120899)], trnA-UGC [complement(133717..134535)], trnI-GAU [complement(134679..135613)], ndhB [141689..142364], rpl2 [152301..152965]
1226.	DOVI	53	rps12 [complement(101944..102186)], rps12 [complement(72843..72959)], trnK [complement(1830..1864)], trnK [complement(4378..4414)], atpF [complement(12964..13402)], atpF [complement(14119..14276)], rpoC1	trnK [complement(1865..4377)], atpF [complement(13403..14118)], rpoC1 [complement(23714..24420)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22093..23713)], rpoC1 [complement(24421..24854)], ycf3 [complement(45487..45640)], ycf3 [complement(46465..46692)], ycf3 [complement(47422..47549)], trnL [50542..50578], trnL [51130..51179], trnV [complement(54614..54650)], trnV [complement(55240..55278)], rps12 [144394..144636], clpP [complement(73120..73350)], clpP [complement(74010..74222)], rpl2 [complement(87709..88143)], rpl2 [complement(88805..89197)], ndhB [complement(98308..99063)], ndhB [complement(99744..100520)], trnI [106086..106127], trnI [107074..107108], trnA [107173..107210], trnA [108014..108048], ndhA [complement(124096..124636)], ndhA [complement(125746..126299)], trnA [complement(138532..138566)], trnA [complement(139370..139407)], trnI [complement(139472..139506)], trnI [complement(140453..140494)], ndhB [146060..146836], ndhB [147517..148272], rpl2 [157383..157775], rpl2 [158437..158871]	[complement(45641..46464)], ycf3 [complement(46693..47421)], trnL [50579..51129], trnV [complement(54651..55239)], clpP [complement(73351..74009)], rpl2 [complement(88144..88804)], ndhB [complement(99064..99743)], trnI [106128..107073], trnA [107211..108013], ndhA [complement(124637..125745)], trnA [complement(138567..139369)], trnI [complement(139507..140452)], ndhB [146837..147516], rpl2 [157776..158436]
1227.	DRCA	72	rps12 [complement(99107..99132)], rps12 [complement(99675..99906)], rps12 [complement(70752..70865)], trnK-UUU [complement(1544..1583)], trnK-UUU [complement(4151..4187)], rps16 [complement(4812..5026)], rps16 [complement(5901..5940)], trnG-GCC [9658..9680], trnG-GCC [10397..10433], atpF [complement(12383..12786)], atpF [complement(13629..13773)], rpoC1 [complement(21186..22811)], rpoC1 [complement(23530..23961)], ycf3 [complement(42740..42892)], ycf3 [complement(43636..43865)], ycf3 [complement(44596..44719)], trnL-UAA [47266..47300], trnL-UAA [47840..47889], trnV-UAC [complement(52393..52429)], trnV-UAC [complement(53016..53054)], rps12 [141780..142011], rps12 [142554..142579], clpP [complement(71016..71240)], clpP [complement(71887..72177)], clpP [complement(72997..73065)], petB [76465..76470], petB [76705..77346], petD [77564..77571], petD [78318..78822], rpl16 [complement(82282..82680)], rpl16 [complement(83717..83725)], rpl2 [complement(85580..86010)], rpl2 [complement(86681..87065)], ndhB [complement(96076..96831)], ndhB [complement(97531..98307)], trnI-GAU [103855..103896], trnI-GAU [104834..104868], trnA-UGC [104977..105014], trnA-UGC [105831..105865],	trnK-UUU [complement(1584..4150)], rps16 [complement(5027..5900)], trnG-GCC [9681..10396], atpF [complement(12787..13628)], rpoC1 [complement(22812..23529)], ycf3 [complement(42893..43635)], ycf3 [complement(43866..44595)], trnL-UAA [47301..47839], trnV-UAC [complement(52430..53015)], clpP [complement(71241..71886)], clpP [complement(72178..72996)], petB [76471..76704], petD [77572..78317], rpl16 [complement(82681..83716)], rpl2 [complement(86011..86680)], ndhB [complement(96832..97530)], trnI-GAU [103897..104833], trnA-UGC [105015..105830], ndhA [complement(122036..123111)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(121497..122035)], ndhA [complement(123112..123670)], trnA-UGC [complement(135821..135855)], trnA-UGC [complement(136672..136709)], trnI-GAU [complement(136818..136852)], trnI-GAU [complement(137790..137831)], ndhB [143379..144155], ndhB [144855..145610], rpl2 [154621..155005], rpl2 [155676..156106]	[complement(135856..136671)], trnI-GAU [complement(136853..137789)], ndhB [144156..144854], rpl2 [155006..155675]
1228.	DRCO	72	rps12 [complement(97805..97830)], rps12 [complement(98373..98604)], rps12 [complement(69579..69692)], trnK-UUU [complement(1379..1418)], trnK-UUU [complement(3977..4013)], rps16 [complement(4639..4853)], rps16 [complement(5721..5760)], trnG-GCC [9034..9056], trnG-GCC [9772..9808], atpF [complement(11754..12158)], atpF [complement(12986..13129)], rpoC1 [complement(20535..22160)], rpoC1 [complement(22878..23309)], ycf3 [complement(42030..42182)], ycf3 [complement(42926..43155)], ycf3 [complement(43886..44009)], trnL-UAA [46764..46798], trnL-UAA [47349..47398], trnV-UAC [complement(51910..51946)], trnV-UAC [complement(52533..52571)], rps12 [140281..140512], rps12 [141055..141080], clpP [complement(69851..70075)], clpP [complement(70722..71012)], clpP [complement(71825..71893)], petB [75293..75298], petB [75532..76173], petD [76386..76393], petD [77140..77644], rpl16 [complement(81014..81412)], rpl16 [complement(82445..82453)], rpl2 [complement(84283..84713)], rpl2 [complement(85366..85756)], ndhB [complement(94781..95536)], ndhB [complement(96236..97012)], trnI-GAU [102551..102592], trnI-GAU [103530..103564], trnA-UGC [103629..103666], trnA-UGC [104483..104517], ndhA [complement(120039..120577)], ndhA [complement(121659..122217)], trnA-UGC [complement(134368..134402)], trnA-UGC [complement(135219..135256)], trnI-GAU [complement(135321..135355)], trnI-GAU [complement(136293..136334)], ndhB [141873..142649], ndhB [143349..144104], rpl2 [153129..153519], rpl2 [154172..154602]	trnK-UUU [complement(1419..3976)], rps16 [complement(4854..5720)], trnG-GCC [9057..9771], atpF [complement(12159..12985)], rpoC1 [complement(22161..22877)], ycf3 [complement(42183..42925)], ycf3 [complement(43156..43885)], trnL-UAA [46799..47348], trnV-UAC [complement(51947..52532)], clpP [complement(70076..70721)], clpP [complement(71013..71824)], petB [75299..75531], petD [76394..77139], rpl16 [complement(81413..82444)], rpl2 [complement(84714..85365)], ndhB [complement(95537..96235)], trnI-GAU [102593..103529], trnA-UGC [103667..104482], ndhA [complement(120578..121658)], trnA-UGC [complement(134403..135218)], trnI-GAU [complement(135356..136292)], ndhB [142650..143348], rpl2 [153520..154171]
1229.	DRER	35	atpF [complement(1655..2064)], atpF [complement(2784..2928)], rpoC1 [complement(10516..12135)], rpoC1 [complement(12850..13281)], rpl16 [22200..22208], rpl16 [23152..23550], petD [complement(27096..27570)], petD [complement(28293..28300)], petB [complement(28583..29224)], petB	atpF [complement(2065..2783)], rpoC1 [complement(12136..12849)], rpl16 [22209..23151], petD [complement(27571..28292)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(29989..29994)], ycf3 [complement(41083..41235)], ycf3 [complement(41993..42220)], ycf3 [complement(42883..43008)], trnL-UAA [45625..45659], trnL-UAA [46206..46255], trnV-UAC [complement(47032..47066)], trnV-UAC [complement(47627..47665)], rps12 [58268..58381], rps12 [90120..90386], trnG-UCC [74468..74490], trnG-UCC [75006..75054], rps12 [complement(127533..127646)], trnG-UCC [complement(110860..110908)], trnG-UCC [complement(111424..111446)]	[complement(29225..29988)], ycf3 [complement(41236..41992)], ycf3 [complement(42221..42882)], trnL-UAA [45660..46205], trnV-UAC [complement(47067..47626)], trnG-UCC [74491..75005], trnG-UCC [complement(110909..111423)]
1230.	DRFA	64	rps12 [complement(92019..92051)], rps12 [complement(92593..92823)], rps12 [complement(69949..70062)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], rps16 [complement(4521..4738)], rps16 [complement(5568..5607)], trnG-UCC [complement(13596..13643)], trnG-UCC [complement(14317..14339)], atpF [35236..35394], atpF [36220..36627], ycf3 [complement(44393..44551)], ycf3 [complement(45284..45511)], ycf3 [complement(46257..46388)], trnL-UAA [49153..49187], trnL-UAA [49735..49784], trnV-UAC [complement(53215..53251)], trnV-UAC [complement(53848..53886)], rps12 [129968..130198], rps12 [130740..130772], petB [73791..73796], petB [74616..75257], petD [75446..75453], petD [76208..76682], rpl16 [complement(80281..80682)], rpl16 [complement(81780..81788)], rpl2 [complement(83778..84209)], rpl2 [complement(84870..85274)], ndhB [complement(88950..89705)], ndhB [complement(90418..91194)], trnI-GAU [96648..96689], trnI-GAU [97636..97670], trnA-UGC [97736..97773], trnA-UGC [98585..98619], ndhA [complement(114697..115236)], ndhA [complement(116258..116806)], trnA-UGC [complement(124172..124206)], trnA-UGC [complement(125018..125055)], trnI-GAU [complement(125121..125155)], trnI-GAU [complement(126102..126143)], ndhB [131597..132373], ndhB [133086..133841], rpl2 [137517..137921], rpl2 [138582..139013]	trnK-UUU [complement(1410..3926)], rps16 [complement(4739..5567)], trnG-UCC [complement(13644..14316)], atpF [35395..36219], ycf3 [complement(44552..45283)], ycf3 [complement(45512..46256)], trnL-UAA [49188..49734], trnV-UAC [complement(53252..53847)], petB [73797..74615], petD [75454..76207], rpl16 [complement(80683..81779)], rpl2 [complement(84210..84869)], ndhB [complement(89706..90417)], trnI-GAU [96690..97635], trnA-UGC [97774..98584], ndhA [complement(115237..116257)], trnA-UGC [complement(124207..125017)], trnI-GAU [complement(125156..126101)], ndhB [132374..133085], rpl2 [137922..138581]
1231.	DRGR	3	rps12 [complement(73866..73979)], rps12 [146394..146419]	petD [80786..81496]
1232.	DRLU	49	rps12 [complement(98662..98687)], rps12 [complement(99224..99455)], rps12 [complement(70263..70376)], trnK-UUU [complement(1923..1957)], trnK-UUU [complement(4474..4510)], rps16 [complement(5475..5700)], rps16 [complement(6464..6504)], trnG-UCC [9647..9669], trnG-UCC	trnK-UUU [complement(1958..4473)], rps16 [complement(5701..6463)], trnG-UCC [9670..10375], atpF [complement(12945..13650)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10376..10423], atpF [complement(12535..12944)], atpF [complement(13651..13795)], rpoC1 [complement(21390..23000)], rpoC1 [complement(23761..24192)], ycf3 [complement(43712..43864)], ycf3 [complement(44642..44869)], ycf3 [complement(45634..45759)], trnL-UAA [48735..48771], trnL-UAA [49308..49357], trnV-UAC [complement(51460..51494)], trnV-UAC [complement(52074..52112)], clpP [complement(70502..70729)], clpP [complement(71354..71645)], clpP [complement(72566..72636)], petB [75545..75550], petB [76362..77003], petD [77203..77210], petD [77978..78452], rpl16 [complement(81892..82290)], rpl16 [complement(83267..83275)], trnI-GAU [103026..103062], trnI-GAU [104013..104047], trnA-UGC [104111..104148], trnA-UGC [104960..104994]	[complement(23001..23760)], ycf3 [complement(43865..44641)], ycf3 [complement(44870..45633)], trnL-UAA [48772..49307], trnV-UAC [complement(51495..52073)], clpP [complement(70730..71353)], clpP [complement(71646..72565)], petB [75551..76361], petD [77211..77977], rpl16 [complement(82291..83266)], trnI-GAU [103063..104012], trnA-UGC [104149..104959]
1233.	DRNE	69	rps12 [complement(96217..96242)], rps12 [complement(96780..97011)], rps12 [complement(67710..67823)], trnK [complement(1797..1831)], trnK [complement(4402..4438)], trnG [7949..7971], trnG [8687..8735], atpF [complement(10881..11290)], atpF [complement(12001..12145)], rpoC1 [complement(19606..21216)], rpoC1 [complement(22003..22434)], ycf3 [complement(41551..41703)], ycf3 [complement(42501..42728)], ycf3 [complement(43446..43571)], trnL [46033..46067], trnL [46389..46438], trnV [complement(50131..50165)], trnV [complement(50795..50833)], rps12 [138752..138983], rps12 [139521..139546], clpP [complement(67997..68224)], clpP [complement(68790..69081)], clpP [complement(69995..70065)], petB [73050..73055], petB [73843..74484], petD [74690..74697], petD [75423..75897], rpl16 [complement(79432..79830)], rpl16 [complement(80946..80954)], rpl2 [complement(82635..83069)], rpl2 [complement(83753..84142)], ndhB [complement(93165..93926)], ndhB [complement(94606..95328)], trnI [100961..100997], trnI [101946..101980], trnA [102045..102082], trnA [102881..102915], ndhA [complement(118541..119070)], ndhA [complement(120171..120723)], trnA [complement(132848..132882)], trnA [complement(133681..133718)], trnI [complement(133783..133817)], trnI [complement(134766..134802)], ndhB [140435..141157], ndhB [141837..142598], rpl2 [151621..152010], rpl2 [152694..153128]	trnK [complement(1832..4401)], trnG [7972..8686], atpF [complement(11291..12000)], rpoC1 [complement(21217..22002)], ycf3 [complement(41704..42500)], ycf3 [complement(42729..43445)], trnL [46068..46388], trnV [complement(50166..50794)], clpP [complement(68225..68789)], clpP [complement(69082..69994)], petB [73056..73842], petD [74698..75422], rpl16 [complement(79831..80945)], rpl2 [complement(83070..83752)], ndhB [complement(93927..94605)], trnI [100998..101945], trnA [102083..102880], ndhA [complement(119071..120170)], trnA [complement(132883..133680)], trnI [complement(133818..134765)], ndhB [141158..141836], rpl2 [152011..152693]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1234.	DROR	69	<p>rps12 [complement(96457..96482)], rps12 [complement(97020..97251)], rps12 [complement(67881..67994)], trnK-UUU [complement(1814..1848)], trnK-UUU [complement(4413..4449)], trnG-UCC [8000..8022], trnG-UCC [8736..8784], atpF [complement(10935..11344)], atpF [complement(12097..12241)], rpoC1 [complement(19680..21290)], rpoC1 [complement(22089..22520)], ycf3 [complement(41686..41838)], ycf3 [complement(42649..42876)], ycf3 [complement(43593..43718)], trnL-UAA [46179..46213], trnL-UAA [46535..46584], trnV-UAC [complement(50307..50341)], trnV-UAC [complement(50952..50990)], rps12 [138936..139167], rps12 [139705..139730], clpP [complement(68168..68395)], clpP [complement(68983..69274)], clpP [complement(70187..70257)], petB [73232..73237], petB [74027..74668], petD [74871..74878], petD [75598..76072], rpl16 [complement(79604..80002)], rpl16 [complement(81148..81156)], rpl2 [complement(82844..83278)], rpl2 [complement(83962..84351)], ndhB [complement(93404..94165)], ndhB [complement(94846..95568)], trnI-GAU [101181..101217], trnI-GAU [102166..102200], trnA-UGC [102265..102302], trnA-UGC [103110..103144], ndhA [complement(118721..119250)], ndhA [complement(120389..120941)], trnA-UGC [complement(133043..133077)], trnA-UGC [complement(133885..133922)], trnI-GAU [complement(133987..134021)], trnI-GAU [complement(134970..135006)], ndhB [140619..141341], ndhB [142022..142783], rpl2 [151836..152225], rpl2 [152909..153343]</p>	<p>trnK-UUU [complement(1849..4412)], trnG-UCC [8023..8735], atpF [complement(11345..12096)], rpoC1 [complement(21291..22088)], ycf3 [complement(41839..42648)], ycf3 [complement(42877..43592)], trnL-UAA [46214..46534], trnV-UAC [complement(50342..50951)], clpP [complement(68396..68982)], clpP [complement(69275..70186)], petB [73238..74026], petD [74879..75597], rpl16 [complement(80003..81147)], rpl2 [complement(83279..83961)], ndhB [complement(94166..94845)], trnI-GAU [101218..102165], trnA-UGC [102303..103109], ndhA [complement(119251..120388)], trnA-UGC [complement(133078..133884)], trnI-GAU [complement(134022..134969)], ndhB [141342..142021], rpl2 [152226..152908]</p>
1235.	DRPA	34	<p>rps12 [complement(95768..96007)], rps12 [complement(67823..67948)], atpF [complement(11460..11849)], atpF [complement(12566..12715)], rpoC1 [complement(19829..21453)], rpoC1 [complement(22212..22665)], ycf3 [complement(40899..41048)], ycf3 [complement(41767..42001)], ycf3 [complement(42699..42832)], rps12 [136341..136580], clpP [complement(68085..68310)], clpP [complement(68931..69223)], clpP [complement(69919..69987)], rpl2 [complement(82029..82498)], rpl2 [complement(83121..83514)], ndhB [complement(92231..92986)], ndhB [complement(93577..94440)], ndhA [complement(116076..116614)], ndhA [complement(117617..118172)], ndhB [137908..138684], ndhB</p>	<p>atpF [complement(11850..12565)], rpoC1 [complement(21454..22211)], ycf3 [complement(41049..41766)], ycf3 [complement(42002..42698)], clpP [complement(68311..68930)], clpP [complement(69224..69918)], rpl2 [complement(82499..83120)], ndhB [complement(92987..93576)], ndhA [complement(116615..117616)], ndhB [138685..139361], rpl2 [149225..149849]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[139362..140117], rpl2 [148834..149224], rpl2 [149850..150316]	
1236.	DRPU	25	trnK-UUU [complement(1394..1426)], trnK-UUU [complement(3917..3954)], trnG-UCC [complement(13169..13216)], trnG-UCC [complement(13904..13926)], rps12 [128211..128239]	trnK-UUU [complement(1427..3916)], rps16 [complement(4714..5503)], trnG-UCC [complement(13217..13903)], atpF [34304..35093], ycf3 [complement(43375..44104)], ycf3 [complement(44333..45059)], trnL-UAA [47909..48472], trnV-UAC [complement(52062..52657)], petB [72197..72958], petD [73797..74536], rpl16 [complement(78974..80042)], rpl2 [complement(82452..83111)], ndhB [complement(87631..88343)], trnI-GAU [94616..95562], trnA-UGC [95701..96510], ndhA [complement(112689..113728)], trnA-UGC [complement(121678..122487)], trnI-GAU [complement(122626..123572)], ndhB [129845..130557], rpl2 [135077..135736]
1237.	DRRE	47	rps12 [complement(91589..91846)], rps12 [complement(66194..66307)], rps16 [complement(4972..5189)], rps16 [complement(6013..6052)], trnG-UCC [9207..9229], trnG-UCC [9928..9976], atpF [complement(11787..12196)], atpF [complement(12946..13090)], rpoC1 [complement(20748..22364)], rpoC1 [complement(23106..23537)], ycf3 [complement(41942..42094)], ycf3 [complement(42825..43052)], ycf3 [complement(43715..43840)], trnL-UAA [46688..46722], trnL-UAA [47194..47243], trnV-UAC [complement(47876..47910)], trnV-UAC [complement(48497..48535)], rps12 [124379..124636], petB [70107..70112], petB [70902..71543], petD [71764..71771], petD [72537..73011], rpl16 [complement(76487..76885)], rpl16 [complement(77788..77796)], trnI-GAU [95285..95321], trnI-GAU [96261..96295], trnA-UGC [96360..96397], trnA-UGC [97220..97254], trnA-UGC [complement(118971..119005)], trnA-UGC [complement(119828..119865)], trnI-GAU [complement(119930..119964)],	rps16 [complement(5190..6012)], trnG-UCC [9230..9927], atpF [complement(12197..12945)], rpoC1 [complement(22365..23105)], ycf3 [complement(42095..42824)], ycf3 [complement(43053..43714)], trnL-UAA [46723..47193], trnV-UAC [complement(47911..48496)], petB [70113..70901], petD [71772..72536], rpl16 [complement(76886..77787)], trnI-GAU [95322..96260], trnA-UGC [96398..97219], trnA-UGC [complement(119006..119827)], trnI-GAU [complement(119965..120903)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(120904..120940)]	
1238.	DRRO	23	atpF [complement(7959..8369)], atpF [complement(9100..9258)], rpoC1 [22055..22501], rpoC1 [23181..24821], rps12 [complement(57189..57509)], rps12 [complement(66084..66200)], ycf3 [complement(60697..60852)], ycf3 [complement(61584..61811)], ycf3 [complement(62482..62610)], rps12 [153987..154103], rps12 [162678..162998], ycf3 [157577..157705], ycf3 [158376..158603], ycf3 [159335..159490], petB [complement(183808..184416)], petB [complement(185255..185260)]	atpF [complement(8370..9099)], rpoC1 [22502..23180], ycf3 [complement(60853..61583)], ycf3 [complement(61812..62481)], ycf3 [157706..158375], ycf3 [158604..159334], petB [complement(184417..185254)]
1239.	DUBR	67	rps12 [complement(100543..100568)], rps12 [complement(101105..101336)], rps12 [complement(72706..72819)], trnK-UUU [complement(1864..1898)], trnK-UUU [complement(4414..4450)], rps16 [complement(5147..5370)], rps16 [complement(6227..6269)], trnG-GCC [9428..9450], trnG-GCC [10148..10195], atpF [complement(12133..12609)], atpF [complement(13237..13395)], rpoC1 [complement(21495..23117)], rpoC1 [complement(23843..24298)], ycf3 [complement(44258..44410)], ycf3 [complement(45174..45401)], ycf3 [complement(46140..46265)], trnL-UAA [49285..49321], trnL-UAA [49817..49866], trnV-UAC [complement(54002..54038)], trnV-UAC [complement(54608..54645)], rps12 [complement(72706..72819)], rps12 [142504..142735], rps12 [143272..143297], clpP [complement(72958..73186)], clpP [complement(73820..74110)], clpP [complement(74934..74977)], petB [77928..77933], petB [78678..79328], rpl16 [complement(84160..84558)], rpl16 [complement(85598..85606)], rpl2 [complement(87249..87683)], rpl2 [complement(88347..88739)], ndhB [complement(97524..98279)], ndhB [complement(98959..99735)], trnI-GAU [105055..105096], trnI-GAU [105816..105850], trnA-UGC [105915..105952], trnA-UGC [106765..106799], ndhA [complement(122303..122842)], ndhA [complement(124012..124563)], trnA-UGC [complement(137041..137075)], trnA-UGC [complement(137888..137925)], trnI-GAU [complement(137990..138024)], trnI-GAU [complement(138744..138785)], ndhB [144105..144881], ndhB [145561..146316]	trnK-UUU [complement(1899..4413)], rps16 [complement(5371..6226)], trnG-GCC [9451..10147], atpF [complement(12610..13236)], rpoC1 [complement(23118..23842)], ycf3 [complement(44411..45173)], ycf3 [complement(45402..46139)], trnL-UAA [49322..49816], trnV-UAC [complement(54039..54607)], clpP [complement(73187..73819)], clpP [complement(74111..74933)], petB [77934..78677], rpl16 [complement(84559..85597)], rpl2 [complement(87684..88346)], ndhB [complement(98280..98958)], trnI-GAU [105097..105815], trnA-UGC [105953..106764], ndhA [complement(122843..124011)], trnA-UGC [complement(137076..137887)], trnI-GAU [complement(138025..138743)], ndhB [144882..145560]
1240.	DUGR	66	rps12 [complement(99671..99697)], rps12 [complement(100244..100474)],	trnK [complement(1588..4070)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(71923..72036)], trnK [complement(1553..1587)], trnK [complement(4071..4107)], rps16 [complement(4483..4706)], rps16 [complement(5558..5597)], trnG [8591..8613], trnG [9347..9395], atpF [complement(11463..11872)], atpF [complement(12630..12774)], rpoC1 [complement(20764..22371)], rpoC1 [complement(23098..23529)], ycf3 [complement(43508..43660)], ycf3 [complement(44418..44647)], ycf3 [complement(45388..45511)], trnL [48393..48429], trnL [48954..49003], trnV [complement(52995..53031)], trnV [complement(53634..53671)], rps12 [142074..142304], rps12 [142851..142877], clpP [complement(72198..72425)], clpP [complement(73023..73314)], clpP [complement(74141..74211)], petB [77090..77095], petB [77886..78527], petD [78726..78733], petD [79467..79941], rpl16 [complement(83459..83857)], rpl16 [complement(84849..84857)], ndhB [complement(96611..97366)], ndhB [complement(98048..98824)], trnI [103954..103995], trnI [104942..104976], trnA [105040..105077], trnA [105888..105922], ndhA [complement(122073..122612)], ndhA [complement(123655..124206)], trnA [complement(136626..136660)], trnA [complement(137471..137508)], trnI [complement(137572..137606)], trnI [complement(138553..138594)], ndhB [143724..144500], ndhB [145182..145937]	[complement(4707..5557)], trnG [8614..9346], atpF [complement(11873..12629)], rpoC1 [complement(22372..23097)], ycf3 [complement(43661..44417)], ycf3 [complement(44648..45387)], trnL [48430..48953], trnV [complement(53032..53633)], clpP [complement(72426..73022)], clpP [complement(73315..74140)], petB [77096..77885], petD [78734..79466], rpl16 [complement(83858..84848)], ndhB [complement(97367..98047)], trnI [103996..104941], trnA [105078..105887], ndhA [complement(122613..123654)], trnA [complement(136661..137470)], trnI [complement(137607..138552)], ndhB [144501..145181]
1241.	DUOB	44	rps12 [complement(100543..100568)], rps12 [complement(101105..101336)], rps12 [complement(73067..73180)], trnK-UUU [1866..1900], trnK-UUU [4416..4452], trnG [9454..9476], trnG [10185..10221], trnL-UAA [49283..49317], trnL-UAA [49815..49864], trnV-UAC [complement(54001..54037)], trnV-UAC [complement(54607..54644)], rps12 [complement(73067..73180)], rps12 [142434..142665], rps12 [143202..143227], clpP [complement(75257..75327)], petB [78278..78284], petB [79038..79678], rpl16 [complement(84509..84903)], trnI-GAU [105055..105096], trnI-GAU [105816..105850], trnI-GAU [105915..105952], trnI-GAU [106764..106798], trnA-UGC [complement(136972..137006)], trnA-UGC [complement(137818..137855)]	trnK-UUU [1901..4415], rps16 [complement(5376..6231)], trnG [9477..10184], atpF [complement(12561..13271)], rpoC1 [complement(23123..23842)], ycf3 [complement(44415..45177)], ycf3 [complement(45406..46144)], trnL-UAA [49318..49814], trnV-UAC [complement(54038..54606)], clpP [complement(73547..74181)], clpP [complement(74474..75256)], petB [78285..79037], rpl16 [complement(84904..85945)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(88032..88694)], ndhB [complement(98280..98958)], trnI-GAU [105097..105815], trnI-GAU [105953..106763], ndhA [complement(122775..123942)], trnA-UGC [complement(137007..137817)], ndhB [144812..145490]
1242.	DUSO	64	rps12 [complement(101456..101485)], rps12 [complement(102016..102249)], rps12 [complement(73631..73756)], trnK-UUU [complement(2485..2519)], trnK-UUU [complement(5035..5071)], rps16 [complement(5768..5994)], rps16 [complement(6864..6903)], trnG-GCC [10040..10063], trnG-GCC [10769..10805], atpF [complement(12737..13213)], atpF [complement(13841..13999)], rpoC1 [complement(22097..23719)], rpoC1 [complement(24445..24900)], ycf3 [complement(44867..44982)], ycf3 [complement(45784..46011)], ycf3 [complement(46747..46876)], trnL-UAA [49888..49924], trnL-UAA [50420..50469], trnV-UAC [complement(54600..54636)], trnV-UAC [complement(55206..55243)], rps12 [complement(73631..73756)], rps12 [143364..143594], rps12 [144128..144157], clpP [complement(73895..74122)], clpP [complement(74754..75045)], clpP [complement(75838..75908)], petB [78860..78865], petB [79619..80260], rpl16 [complement(85091..85486)], rpl16 [complement(86511..86519)], ndhB [complement(98437..99192)], ndhB [complement(99872..100648)], trnI-GAU [105980..106016], trnI-GAU [106741..106775], trnA-UGC [106840..106877], trnA-UGC [107689..107723], ndhA [complement(123184..123723)], ndhA [complement(124879..125442)], trnA-UGC [complement(137892..137926)], trnA-UGC [complement(138738..138775)], trnI-GAU [complement(138840..138874)], trnI-GAU [complement(139599..139635)], ndhB [144965..145741], ndhB [146421..147176]	trnK-UUU [complement(2520..5034)], rps16 [complement(5995..6863)], trnG-GCC [10064..10768], atpF [complement(13214..13840)], rpoC1 [complement(23720..24444)], ycf3 [complement(44983..45783)], ycf3 [complement(46012..46746)], trnL-UAA [49925..50419], trnV-UAC [complement(54637..55205)], clpP [complement(74123..74753)], clpP [complement(75046..75837)], petB [78866..79618], rpl16 [complement(85487..86510)], ndhB [complement(99193..99871)], trnI-GAU [106017..106740], trnA-UGC [106878..107688], ndhA [complement(123724..124878)], trnA-UGC [complement(137927..138737)], trnI-GAU [complement(138875..139598)], ndhB [145742..146420]
1243.	DUZI	70	rps12 [complement(107748..107773)], rps12 [complement(108310..108541)], rps12 [complement(78171..78284)], trnK-UUU [complement(2626..2660)], trnK-UUU [complement(5190..5226)], rps16 [complement(6170..6396)], rps16	trnK-UUU [complement(2661..5189)], rps16 [complement(6397..7289)], trnG-GCC [10231..10970], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(7290..7329)], trnG-GCC [10208..10230], trnG-GCC [10971..11018], atpF [complement(13150..13560)], atpF [complement(14395..14538)], rpoC1 [complement(22884..24521)], rpoC1 [complement(25297..25728)], ycf3 [complement(46420..46572)], ycf3 [complement(47356..47583)], ycf3 [complement(48382..48507)], trnL-UAA [52849..52883], trnL-UAA [53430..53479], trnV-UAC [complement(57439..57473)], trnV-UAC [complement(58073..58111)], rps12 [complement(78171..78284)], rps12 [151138..151369], rps12 [151906..151931], clpP [complement(78772..78987)], clpP [complement(79649..79943)], clpP [complement(80835..80905)], petB [83981..83986], petB [84811..85452], petD [85688..85695], petD [86445..86919], rpl16 [complement(90448..90846)], rpl16 [complement(92098..92106)], rpl2 [complement(93837..94271)], rpl2 [complement(94948..95340)], ndhB [complement(104677..105432)], ndhB [complement(106116..106892)], trnI-GAU [112556..112592], trnI-GAU [113546..113580], trnA-UGC [113644..113681], trnA-UGC [114477..114511], ndhA [complement(129676..130215)], ndhA [complement(131336..131887)], trnA-UGC [complement(145168..145202)], trnA-UGC [complement(145998..146035)], trnI-GAU [complement(146099..146133)], trnI-GAU [complement(147087..147123)], ndhB [152787..153563], ndhB [154247..155002]	[complement(13561..14394)], rpoC1 [complement(24522..25296)], ycf3 [complement(46573..47355)], ycf3 [complement(47584..48381)], trnL-UAA [52884..53429], trnV-UAC [complement(57474..58072)], clpP [complement(78988..79648)], clpP [complement(79944..80834)], petB [83987..84810], petD [85696..86444], rpl16 [complement(90847..92097)], rpl2 [complement(94272..94947)], ndhB [complement(105433..106115)], trnI-GAU [112593..113545], trnA-UGC [113682..114476], ndhA [complement(130216..131335)], trnA-UGC [complement(145203..145997)], trnI-GAU [complement(146134..147086)], ndhB [153564..154246]
1244.	DYAM	63	rps12 [complement(95882..95907)], rps12 [complement(96444..96675)], rps12 [complement(68882..68995)], trnK-UUU [complement(1490..1524)], trnK-UUU [complement(4038..4074)], rps16 [complement(4637..4863)], rps16 [complement(5749..5785)], atpF [complement(11183..11592)], atpF [complement(12374..12518)], rpoC1 [complement(20064..21665)], rpoC1 [complement(22413..22844)], ycf3 [complement(41611..41763)], ycf3 [complement(42526..42755)], ycf3 [complement(43549..43672)], trnL-UAA [46569..46607], trnL-UAA [47023..47072], trnV-UAC [50727..50763], trnV-UAC [51366..51404], rps12 [138436..138667], rps12 [139204..139229], clpP [complement(69131..69358)], clpP [complement(69956..70247)], clpP [complement(71115..71185)], petB [74088..74093], petB [74873..75514], petD	trnK-UUU [complement(1525..4037)], rps16 [complement(4864..5748)], atpF [complement(11593..12373)], rpoC1 [complement(21666..22412)], ycf3 [complement(41764..42525)], ycf3 [complement(42756..43548)], trnL-UAA [46608..47022], trnV-UAC [50764..51365], clpP [complement(69359..69955)], clpP [complement(70248..71114)], petB [74094..74872], petD [75711..76462], rpl16 [complement(80728..81790)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75703..75710], petD [76463..76937], rpl16 [complement(80329..80727)], rpl16 [complement(81791..81799)], ndhB [complement(92863..93618)], ndhB [complement(94293..95069)], trnI-GAU [100261..100297], trnI-GAU [101209..101243], trnA-UGC [101314..101351], trnA-UGC [102171..102205], ndhA [complement(118492..119031)], ndhA [complement(120095..120652)], trnA-UGC [complement(132906..132940)], trnA-UGC [complement(133760..133797)], trnI-GAU [complement(133868..133902)], trnI-GAU [complement(134814..134850)], ndhB [140042..140818], ndhB [141493..142248]	[complement(93619..94292)], trnI-GAU [100298..101208], trnA-UGC [101352..102170], ndhA [complement(119032..120094)], trnA-UGC [complement(132941..133759)], trnI-GAU [complement(133903..134813)], ndhB [140819..141492]
1245.	DYAU	40	rps12 [complement(100336..100361)], rps12 [complement(100898..101129)], rps12 [complement(72307..72420)], trnK-UUU [complement(1915..1957)], trnK-UUU [complement(4466..4502)], trnG-GCC [8802..8824], trnG-GCC [9532..9579], trnL-UAA [49226..49260], trnL-UAA [49728..49777], trnV-UAC [complement(54280..54316)], trnV-UAC [complement(54903..54941)], rps12 [complement(72307..72420)], rps12 [143041..143272], rps12 [143809..143834], trnI-GAU [104730..104771], trnI-GAU [105713..105747], trnI-GAU [complement(138423..138457)], trnI-GAU [complement(139399..139440)]	trnK-UUU [complement(1958..4465)], trnG-GCC [8825..9531], atpF [complement(11936..12622)], rpoC1 [complement(22413..23149)], ycf3 [complement(44257..45003)], ycf3 [complement(45232..45949)], trnL-UAA [49261..49727], trnV-UAC [complement(54317..54902)], clpP [complement(72833..73498)], clpP [complement(73796..74483)], petB [77430..78281], petD [79141..79877], rpl16 [complement(84256..85268)], rpl2 [complement(87464..88123)], ndhB [complement(98493..99177)], trnI-GAU [104772..105712], trnA-UGC [105850..106655], ndhA [complement(123195..124072)], trnA-UGC [complement(137515..138320)], trnI-GAU [complement(138458..139398)], ndhB [144978..145677], rpl2 [156049..156609]
1246.	DYBO	64	rps12 [complement(96167..96192)], rps12 [complement(96729..96960)], rps12 [complement(69173..69286)], trnK-UUU [complement(1485..1519)], trnK-UUU [complement(4027..4063)], rps16 [complement(4631..4857)], rps16	trnK-UUU [complement(1520..4026)], rps16 [complement(4858..5735)], trnG [8500..9204], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5736..5775)], trnG [8477..8499], trnG [9205..9252], atpF [complement(11137..11547)], atpF [complement(12339..12482)], rpoC1 [complement(20020..21621)], rpoC1 [complement(22368..22799)], ycf3 [complement(41867..42021)], ycf3 [complement(42790..43017)], ycf3 [complement(43774..43897)], trnL-UAA [complement(46701..46735)], trnL-UAA [complement(47150..47199)], trnV-UAC [55305..55335], trnV-UAC [56130..56167], clpP [complement(69422..69649)], clpP [complement(70256..70547)], clpP [complement(71400..71470)], petB [74374..74379], petB [75168..75809], petD [76052..76059], petD [76766..77240], rpl16 [complement(80631..81029)], rpl16 [complement(82074..82082)], ndhB [complement(93149..93904)], ndhB [complement(94578..95354)], trnI-GAU [100568..100604], trnI-GAU [101606..101640], trnA-UGC [101711..101748], trnA-UGC [102571..102605], ndhA [complement(118751..119290)], ndhA [complement(120354..120911)], trnA-UGC [complement(133220..133254)], trnA-UGC [complement(134077..134114)], trnI-GAU [complement(134185..134219)], trnI-GAU [complement(135221..135257)], ndhB [140471..141247], ndhB [141921..142676]	[complement(11548..12338)], rpoC1 [complement(21622..22367)], ycf3 [complement(42022..42789)], ycf3 [complement(43018..43773)], trnL-UAA [complement(46736..47149)], trnV-UAC [55336..56129], clpP [complement(69650..70255)], clpP [complement(70548..71399)], petB [74380..75167], petD [76060..76765], rpl16 [complement(81030..82073)], ndhB [complement(93905..94577)], trnI-GAU [100605..101605], trnA-UGC [101749..102570], ndhA [complement(119291..120353)], trnA-UGC [complement(133255..134076)], trnI-GAU [complement(134220..135220)], ndhB [141248..141920]
1247.	DYDE	40	rps12 [complement(100046..100071)], rps12 [complement(100611..100842)], rps12 [complement(72015..72128)], trnK-UUU [complement(1944..1986)], trnK-UUU [complement(4488..4524)], trnG-GCC [8788..8810], trnG-GCC [9514..9561], trnL-UAA [49092..49126], trnL-UAA [49594..49643], trnV-UAC [complement(54036..54072)], trnV-UAC [complement(54659..54697)], rps12 [complement(72015..72128)], rps12 [142043..142274], rps12 [142815..142840], trnI-GAU [104410..104451], trnI-GAU [105390..105424], trnI-GAU [complement(137683..137717)], trnI-GAU [complement(138656..138697)]	trnK-UUU [complement(1987..4487)], trnG-GCC [8811..9513], atpF [complement(11919..12606)], rpoC1 [complement(22403..23141)], ycf3 [complement(44160..44907)], ycf3 [complement(45136..45853)], trnL-UAA [49127..49593], trnV-UAC [complement(54073..54658)], clpP [complement(72551..73208)], clpP [complement(73506..74197)], petB [77156..77993], petD [78854..79586], rpl16 [complement(83973..84989)], rpl2 [complement(87172..87831)], ndhB [complement(98202..98887)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[104452..105389], trnA-UGC [105527..106330], ndhA [complement(122853..123731)], trnA-UGC [complement(136776..137580)], trnI-GAU [complement(137718..138655)], ndhB [143984..144684], rpl2 [155001..155561]
1248.	DYDI	40	rps12 [complement(100228..100253)], rps12 [complement(100790..101021)], rps12 [complement(72207..72320)], trnK-UUU [complement(1980..2022)], trnK-UUU [complement(4538..4575)], trnG-GCC [8838..8860], trnG-GCC [9568..9615], trnL-UAA [49130..49164], trnL-UAA [49632..49681], trnV- UAC [complement(54158..54194)], trnV-UAC [complement(54781..54819)], rps12 [complement(72207..72320)], rps12 [142434..142665], rps12 [143202..143227], trnI-GAU [104582..104623], trnI-GAU [105564..105598], trnI-GAU [complement(137857..137891)], trnI-GAU [complement(138832..138873)]	trnK-UUU [complement(2023..4537)], trnG- GCC [8861..9567], atpF [complement(11972..12653)], rpoC1 [complement(22427..23161)], ycf3 [complement(44194..44940)], ycf3 [complement(45169..45886)], trnL-UAA [49165..49631], trnV-UAC [complement(54195..54780)], clpP [complement(72733..73394)], clpP [complement(73692..74389)], petB [77346..78183], petD [79044..79779], rpl16 [complement(84154..85174)], rpl2 [complement(87357..88016)], ndhB [complement(98385..99069)], trnI-GAU [104624..105563], trnA-UGC [105701..106506], ndhA [complement(123018..123895)], trnA-UGC [complement(136949..137754)], trnI-GAU [complement(137892..138831)], ndhB [144371..145070], rpl2 [155441..156001]
1249.	DYM A	41	rps12 [complement(100056..100081)], rps12 [complement(100618..100849)], rps12 [complement(72026..72139)], trnK-UUU [complement(1922..1964)], trnK-UUU [complement(4481..4517)], trnG-GCC [8773..8795], trnG-GCC [9503..9550], trnL-UAA [49057..49080], trnL-UAA [49559..49608], trnV- UAC [complement(53947..53983)], trnV-UAC [complement(54570..54608)], rps12 [complement(72026..72139)], rps12 [142261..142492], rps12	trnK-UUU [complement(1965..4480)], trnG- GCC [8796..9502], atpF [complement(11907..12593)], rpoC1 [complement(22373..23107)], ycf3 [complement(44129..44875)], ycf3 [complement(45104..45821)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143029..143054], trnI-GAU [104409..104450], trnI-GAU [105391..105425], trnI-GAU [complement(137685..137719)], trnI-GAU [complement(138660..138701)], ndhB [143421..144197]	[49081..49558], trnV-UAC [complement(53984..54569)], clpP [complement(72552..73218)], clpP [complement(73516..74206)], petB [77163..77996], petD [78862..79592], rpl16 [complement(83970..85001)], rpl2 [complement(87186..87845)], ndhB [complement(98213..98897)], trnI-GAU [104451..105390], trnA-UGC [105528..106333], ndhA [complement(122843..123725)], trnA-UGC [complement(136777..137582)], trnI-GAU [complement(137720..138659)], ndhB [144198..144897], rpl2 [155268..155828]
1250.	DYPL	40	rps12 [complement(100125..100150)], rps12 [complement(100687..100918)], rps12 [complement(72135..72248)], trnK-UUU [complement(1978..2020)], trnK-UUU [complement(4537..4573)], trnG-GCC [8809..8831], trnG-GCC [9539..9586], trnL-UAA [49099..49133], trnL-UAA [49601..49650], trnV-UAC [complement(54103..54139)], trnV-UAC [complement(54726..54764)], rps12 [complement(72135..72248)], rps12 [142619..142850], rps12 [143387..143412], trnI-GAU [104479..104520], trnI-GAU [105461..105495], trnI-GAU [complement(138042..138076)], trnI-GAU [complement(139017..139058)]	trnK-UUU [complement(2021..4536)], trnG-GCC [8832..9538], atpF [complement(11943..12628)], rpoC1 [complement(22409..23143)], ycf3 [complement(44169..44915)], ycf3 [complement(45144..45861)], trnL-UAA [49134..49600], trnV-UAC [complement(54140..54725)], clpP [complement(72661..73328)], clpP [complement(73626..74316)], petB [77260..78094], petD [78953..79676], rpl16 [complement(84051..85070)], rpl2 [complement(87254..87913)], ndhB [complement(98282..98966)], trnI-GAU [104521..105460], trnA-UGC [105598..106403], ndhA [complement(122898..123775)], trnA-UGC [complement(137134..137939)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(138077..139016)], ndhB [144556..145255], rpl2 [155626..156186]
1251.	DYPU	63	rps12 [complement(96186..96211)], rps12 [complement(96748..96979)], rps12 [complement(69222..69335)], trnK-UUU [complement(1477..1511)], trnK-UUU [complement(4020..4056)], rps16 [complement(4598..4824)], rps16 [complement(5711..5747)], atpF [complement(11039..11448)], atpF [complement(12237..12381)], rpoC1 [complement(19946..21547)], rpoC1 [complement(22294..22725)], ycf3 [complement(41641..41793)], ycf3 [complement(42568..42797)], ycf3 [complement(43581..43704)], trnL-UAA [46600..46638], trnL-UAA [47056..47105], trnV-UAC [50751..50787], trnV-UAC [51380..51418], rps12 [138742..138973], rps12 [139510..139535], clpP [complement(69471..69698)], clpP [complement(70299..70590)], clpP [complement(71443..71513)], petB [74411..74416], petB [75197..75838], petD [76037..76044], petD [76783..77257], rpl16 [complement(80653..81051)], rpl16 [complement(82130..82138)], ndhB [complement(93168..93923)], ndhB [complement(94597..95373)], trnI-GAU [100589..100625], trnI-GAU [101627..101661], trnA-UGC [101732..101769], trnA-UGC [102590..102624], ndhA [complement(118621..119160)], ndhA [complement(120225..120782)], trnA-UGC [complement(133097..133131)], trnA-UGC [complement(133952..133989)], trnI-GAU [complement(134060..134094)], trnI-GAU [complement(135096..135132)], ndhB [140348..141124], ndhB [141798..142553]	trnK-UUU [complement(1512..4019)], rps16 [complement(4825..5710)], atpF [complement(11449..12236)], rpoC1 [complement(21548..22293)], ycf3 [complement(41794..42567)], ycf3 [complement(42798..43580)], trnL-UAA [46639..47055], trnV-UAC [50788..51379], clpP [complement(69699..70298)], clpP [complement(70591..71442)], petB [74417..75196], petD [76045..76782], rpl16 [complement(81052..82129)], ndhB [complement(93924..94596)], trnI-GAU [100626..101626], trnA-UGC [101770..102589], ndhA [complement(119161..120224)], trnA-UGC [complement(133132..133951)], trnI-GAU [complement(134095..135095)], ndhB [141125..141797]
1252.	DYTS	40	rps12 [complement(100483..100508)], rps12 [complement(101045..101276)], rps12 [complement(72468..72581)], trnK-UUU [complement(1891..1933)], trnK-UUU [complement(4442..4478)], trnG-GCC [9052..9074], trnG-GCC [9782..9829], trnL-UAA [49410..49444], trnL-UAA [49919..49968], trnV-UAC [complement(54465..54501)], trnV-UAC [complement(55088..55126)], rps12 [complement(72468..72581)], rps12 [143143..143374], rps12 [143911..143936], trnI-GAU [104885..104926], trnI-GAU [105867..105901], trnI-GAU [complement(138416..138450)], trnI-GAU [complement(139493..139534)]	trnK-UUU [complement(1934..4441)], trnG-GCC [9075..9781], atpF [complement(12190..12873)], rpoC1 [complement(22675..23412)], ycf3 [complement(44477..45224)], ycf3 [complement(45453..46170)], trnL-UAA [49445..49918], trnV-UAC [complement(54502..55087)], clpP [complement(72994..73661)], clpP [complement(73959..74647)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[77594..78436], petD [79296..80033], rpl16 [complement(84406..85424)], rpl2 [complement(87611..88270)], ndhB [complement(98640..99324)], trnI-GAU [104927..105866], trnA-UGC [106004..106809], ndhA [complement(123357..124237)], trnA-UGC [complement(137610..138415)], trnI-GAU [complement(138451..139492)], ndhB [145080..145779], rpl2 [156151..156711]
1253.	DYVE	40	rps12 [complement(100137..100162)], rps12 [complement(100699..100930)], rps12 [complement(72100..72213)], trnK-UUU [complement(1940..1982)], trnK-UUU [complement(4499..4535)], trnG-GCC [8805..8827], trnG-GCC [9535..9582], trnL-UAA [49118..49152], trnL-UAA [49620..49669], trnV-UAC [complement(54057..54093)], trnV-UAC [complement(54680..54718)], rps12 [complement(72100..72213)], rps12 [142334..142565], rps12 [143102..143127], trnI-GAU [104490..104531], trnI-GAU [105472..105506], trnI-GAU [complement(137758..137792)], trnI-GAU [complement(138733..138774)]	trnK-UUU [complement(1983..4498)], trnG-GCC [8828..9534], atpF [complement(11939..12624)], rpoC1 [complement(22411..23144)], ycf3 [complement(44175..44921)], ycf3 [complement(45150..45867)], trnL-UAA [49153..49619], trnV-UAC [complement(54094..54679)], clpP [complement(72626..73292)], clpP [complement(73590..74280)], petB [77237..78074], petD [78940..79671], rpl16 [complement(84050..85082)], rpl2 [complement(87266..87925)], ndhB [complement(98294..98978)], trnI-GAU [104532..105471], trnA-UGC [105609..106414], ndhA [complement(122916..123798)], trnA-UGC [complement(136850..137655)], trnI-GAU [complement(137793..138732)], ndhB [144271..144970], rpl2 [155341..155901]
1254.	ECAE	70	rps12 [complement(97159..97184)], rps12 [complement(97721..97952)], rps12 [complement(69746..69880)], trnK-UUU [complement(1672..1704)],	trnK-UUU [complement(1705..4132)], rps16 [complement(4835..5713)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4133..4169)], rps16 [complement(4610..4834)], rps16 [complement(5714..5752)], atpF [complement(11634..12044)], atpF [complement(12748..12891)], rpoC1 [complement(20719..22347)], rpoC1 [complement(23119..23550)], ycf3 [complement(42605..42759)], ycf3 [complement(43479..43704)], ycf3 [complement(44408..44533)], trnL-UAA [47212..47246], trnL-UAA [47724..47773], trnV-UAC [complement(51623..51659)], trnV-UAC [complement(52252..52287)], rps12 [complement(69767..69880)], rps12 [138248..138479], rps12 [139016..139041], clpP [complement(70022..70246)], clpP [complement(70842..71136)], clpP [complement(71891..71961)], petB [74851..74856], petB [75586..76227], petD [76416..76423], petD [77175..77649], rpl16 [complement(81028..81426)], rpl16 [complement(82274..82282)], rpl2 [complement(83930..84363)], rpl2 [complement(85034..85424)], ndhB [complement(94156..94911)], ndhB [complement(95597..96373)], trnI-GAU [101622..101658], trnI-GAU [102599..102633], trnA-UGC [102698..102735], trnA-UGC [103546..103580], ndhA [complement(118113..118652)], ndhA [complement(119706..120257)], trnA-UGC [complement(132620..132654)], trnA-UGC [complement(133465..133502)], trnI-GAU [complement(133567..133601)], trnI-GAU [complement(134542..134578)], ndhB [139827..140603], ndhB [141289..142044], rpl2 [150776..151166], rpl2 [151837..152270]	[complement(12045..12747)], rpoC1 [complement(22348..23118)], ycf3 [complement(42760..43478)], ycf3 [complement(43705..44407)], trnL-UAA [47247..47723], trnV-UAC [complement(51660..52251)], clpP [complement(70247..70841)], clpP [complement(71137..71890)], petB [74857..75585], petD [76424..77174], rpl16 [complement(81427..82273)], rpl2 [complement(84364..85033)], ndhB [complement(94912..95596)], trnI-GAU [101659..102598], trnA-UGC [102736..103545], ndhA [complement(118653..119705)], trnA-UGC [complement(132655..133464)], trnI-GAU [complement(133602..134541)], ndhB [140604..141288], rpl2 [151167..151836]
1255.	ECAL	72	rps12 [complement(96532..96557)], rps12 [complement(97093..97324)], rps12 [complement(68821..68934)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4314..4350)], rps16 [complement(5196..5416)], rps16 [complement(6276..6315)], rpoC1 [16139..16570], rpoC1 [17300..18940], atpF [26900..27044], atpF [27746..28155], trnG-UCC [complement(30141..30187)], trnG-UCC [complement(30922..30944)], ycf3 [complement(42089..42241)], ycf3 [complement(42994..43221)], ycf3 [complement(43932..44057)], trnL-UAA [46848..46884], trnL-UAA [47319..47368], trnV-UAC [complement(50430..50466)], trnV-UAC [complement(51041..51078)], rps12 [137710..137941], rps12 [138477..138502], clpP [complement(69090..69317)], clpP	trnK-UUU [complement(1769..4313)], rps16 [complement(5417..6275)], rpoC1 [16571..17299], atpF [27045..27745], trnG-UCC [complement(30188..30921)], ycf3 [complement(42242..42993)], ycf3 [complement(43222..43931)], trnL-UAA [46885..47318], trnV-UAC [complement(50467..51040)], clpP [complement(69318..69954)], clpP [complement(70247..71053)], petB [74082..74858], petD [75703..76432], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(69955..70246)], clpP [complement(71054..71124)], petB [74076..74081], petB [74859..75500], petD [75695..75702], petD [76433..76907], rpl16 [complement(80361..80759)], rpl16 [complement(81782..81790)], rpl2 [complement(83451..83885)], rpl2 [complement(84548..84940)], ndhB [complement(93519..94274)], ndhB [complement(94945..95721)], trnI-GAU [101240..101281], trnI-GAU [102053..102087], trnA-UGC [102152..102189], trnA-UGC [103011..103045], ndhA [complement(118124..118662)], ndhA [complement(119689..120241)], trnA-UGC [complement(131989..132023)], trnA-UGC [complement(132845..132882)], trnI-GAU [complement(132947..132981)], trnI-GAU [complement(133753..133794)], ndhB [139313..140089], ndhB [140760..141515], rpl2 [150094..150486], rpl2 [151149..151583]	[complement(80760..81781)], rpl2 [complement(83886..84547)], ndhB [complement(94275..94944)], trnI-GAU [101282..102052], trnA-UGC [102190..103010], ndhA [complement(118663..119688)], trnA-UGC [complement(132024..132844)], trnI-GAU [complement(132982..133752)], ndhB [140090..140759], rpl2 [150487..151148]
1256.	ECAN	42	rps12 [complement(97393..97635)], rps12 [complement(69159..69272)], trnK-UUU [complement(1732..1766)], trnK-UUU [complement(4319..4355)], rps16 [complement(5095..5321)], trnG-UCC [complement(30191..30237)], trnG-UCC [complement(30963..30985)], trnL-UAA [47009..47045], trnL-UAA [47485..47534], trnV-UAC [complement(50826..50862)], trnV-UAC [complement(51437..51474)], rps12 [137916..138158], trnI-GAU [101564..101605], trnI-GAU [102381..102415], trnA-UGC [102480..102517], trnA-UGC [103339..103373], trnA-UGC [complement(132179..132212)], trnA-UGC [complement(133034..133071)], trnI-GAU [complement(133136..133170)], trnI-GAU [complement(133946..133987)]	trnK-UUU [complement(1767..4318)], rps16 [complement(5322..6167)], rpoC1 [16596..17334], atpF [27062..27774], trnG-UCC [complement(30238..30962)], ycf3 [complement(42261..43001)], ycf3 [complement(43232..43930)], trnL-UAA [47046..47484], trnV-UAC [complement(50863..51436)], clpP [complement(69651..70272)], clpP [complement(70564..71395)], petB [74414..75183], petD [76028..76711], rpl2 [complement(84203..84876)], ndhB [complement(94586..95255)], trnI-GAU [101606..102380], trnA-UGC [102518..103338], ndhA [115671..116748], trnA-UGC [complement(132213..133033)], trnI-GAU [complement(133171..133945)], ndhB [140296..140965], rpl2 [150675..151348]
1257.	ECAT	42	rps12 [complement(97405..97647)], rps12 [complement(69203..69316)],	trnK-UUU [complement(1768..4320)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4321..4357)], rps16 [complement(5097..5323)], trnG-UCC [complement(30264..30310)], trnG-UCC [complement(31036..31058)], trnL-UAA [47086..47122], trnL-UAA [47562..47611], trnV-UAC [complement(50891..50927)], trnV-UAC [complement(51503..51540)], rps12 [137902..138144], trnI-GAU [101576..101617], trnI-GAU [102393..102427], trnA [102492..102529], trnA [103351..103385], trnA-UGC [complement(132165..132198)], trnA-UGC [complement(133020..133057)], trnI-GAU [complement(133122..133156)], trnI-GAU [complement(133932..133973)]	[complement(5324..6174)], rpoC1 [16666..17402], atpF [27138..27850], trnG-UCC [complement(30311..31035)], ycf3 [complement(42364..43103)], ycf3 [complement(43334..44032)], trnL-UAA [47123..47561], trnV-UAC [complement(50928..51502)], clpP [complement(69695..70317)], clpP [complement(70609..71424)], petB [74446..75219], petD [76064..76747], rpl2 [complement(84224..84888)], ndhB [complement(94598..95267)], trnI-GAU [101618..102392], trnA [102530..103350], ndhA [115673..116744], trnA-UGC [complement(132199..133019)], trnI-GAU [complement(133157..133931)], ndhB [140282..140951], rpl2 [150661..151325]
1258.	ECCO	26	rps12 [complement(92321..92563)], rps12 [complement(68771..68884)], atpF [34387..34545], atpF [35355..35762], ycf3 [complement(43553..43711)], ycf3 [complement(44444..44671)], ycf3 [complement(45439..45570)], rps12 [129121..129363], ndhB [complement(88690..89445)], ndhB [complement(90158..90934)], ycf1 [103444..103503], ycf1 [103692..103790], ndhA [complement(113813..114352)], ndhA [complement(115371..115919)], ycf1 [complement(117894..117992)], ycf1 [complement(118181..118240)], ndhB [130750..131526], ndhB [132239..132994]	atpF [34546..35354], ycf3 [complement(43712..44443)], ycf3 [complement(44672..45438)], ndhB [complement(89446..90157)], ycf1 [103504..103691], ndhA [complement(114353..115370)], ycf1 [complement(117993..118180)], ndhB [131527..132238]
1259.	ECCR	64	rps12 [complement(91776..91804)], rps12 [complement(92345..92576)], rps12 [complement(68776..68889)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3871..3907)], rps16 [complement(4352..4569)], rps16 [complement(5414..5453)], trnG-UCC [complement(12409..12456)], trnG-UCC [complement(13140..13162)], atpF [34235..34394], atpF [35203..35609], ycf3 [complement(43406..43564)], ycf3 [complement(44297..44526)], ycf3 [complement(45296..45419)], trnL-UAA [48172..48206], trnL-UAA	trnK-UUU [complement(1415..3870)], rps16 [complement(4570..5413)], trnG-UCC [complement(12457..13139)], atpF [34395..35202], ycf3 [complement(43565..44296)], ycf3 [complement(44527..45295)], trnL-UAA [48207..48753], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48754..48803], trnV-UAC [complement(52377..52411)], trnV-UAC [complement(53016..53054)], rps12 [129132..129363], rps12 [129904..129932], petB [72643..72648], petB [73404..74045], petD [74239..74246], petD [74979..75453], rpl16 [complement(79011..79412)], rpl16 [complement(80471..80479)], rpl2 [complement(82434..82865)], rpl2 [complement(83529..83918)], ndhB [complement(88703..89458)], ndhB [complement(90171..90947)], trnI-GAU [96400..96436], trnI-GAU [97388..97422], trnA-UGC [97488..97525], trnA-UGC [98336..98370], ndhA [complement(113824..114362)], ndhA [complement(115381..115930)], trnA-UGC [complement(123338..123369)], trnA-UGC [complement(124183..124220)], trnI-GAU [complement(124286..124320)], trnI-GAU [complement(125272..125308)], ndhB [130761..131537], ndhB [132250..133005], rpl2 [137790..138179], rpl2 [138843..139274]	[complement(52412..53015)], petB [72649..73403], petD [74247..74978], rpl16 [complement(79413..80470)], rpl2 [complement(82866..83528)], ndhB [complement(89459..90170)], trnI-GAU [96437..97387], trnA-UGC [97526..98335], ndhA [complement(114363..115380)], trnA-UGC [complement(123370..124182)], trnI-GAU [complement(124321..125271)], ndhB [131538..132249], rpl2 [138180..138842]
1260.	ECES	64	rps12 [complement(91766..91794)], rps12 [complement(92335..92566)], rps12 [complement(68768..68881)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(3868..3904)], rps16 [complement(4349..4566)], rps16 [complement(5411..5450)], trnG-UCC [complement(12402..12449)], trnG-UCC [complement(13133..13155)], atpF [34228..34372], atpF [35196..35602], ycf3 [complement(43399..43559)], ycf3 [complement(44292..44517)], ycf3 [complement(45288..45413)], trnL-UAA [48166..48200], trnL-UAA [48748..48797], trnV-UAC [complement(52369..52405)], trnV-UAC [complement(53008..53046)], rps12 [129123..129354], rps12 [129895..129923], petB [72635..72640], petB [73396..74037], petD [74231..74238], petD [74971..75445], rpl16 [complement(79002..79403)], rpl16 [complement(80461..80469)], rpl2 [complement(82424..82854)], rpl2 [complement(83518..83908)], ndhB [complement(88693..89448)], ndhB [complement(90161..90937)], trnI-GAU [96390..96426], trnI-GAU [97378..97412], trnA-UGC [97478..97515], trnA-UGC [98326..98360], ndhA [complement(113815..114353)], ndhA [complement(115372..115921)], trnA-UGC [complement(123329..123363)], trnA-UGC [complement(124174..124211)], trnI-GAU [complement(124277..124311)], trnI-GAU [complement(125263..125299)], ndhB [130752..131528], ndhB	trnK-UUU [complement(1412..3867)], rps16 [complement(4567..5410)], trnG-UCC [complement(12450..13132)], atpF [34373..35195], ycf3 [complement(43560..44291)], ycf3 [complement(44518..45287)], trnL-UAA [48201..48747], trnV-UAC [complement(52406..53007)], petB [72641..73395], petD [74239..74970], rpl16 [complement(79404..80460)], rpl2 [complement(82855..83517)], ndhB [complement(89449..90160)], trnI-GAU [96427..97377], trnA-UGC [97516..98325], ndhA [complement(114354..115371)], trnA-UGC [complement(123364..124173)], trnI-GAU [complement(124312..125262)], ndhB [131529..132240], rpl2 [138172..138834]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[132241..132996], rpl2 [137781..138171], rpl2 [138835..139265]	
1261.	ECFR	26	rps12 [complement(92195..92437)], rps12 [complement(68645..68758)], atpF [34391..34549], atpF [35359..35766], ycf3 [complement(43558..43716)], ycf3 [complement(44449..44676)], ycf3 [complement(45445..45576)], rps12 [128995..129237], ndhB [complement(88564..89319)], ndhB [complement(90032..90808)], ycf1 [103318..103377], ycf1 [103566..103664], ndhA [complement(113687..114226)], ndhA [complement(115245..115793)], ycf1 [complement(117768..117866)], ycf1 [complement(118055..118114)], ndhB [130624..131400], ndhB [132113..132868]	atpF [34550..35358], ycf3 [complement(43717..44448)], ycf3 [complement(44677..45444)], ndhB [complement(89320..90031)], ycf1 [103378..103565], ndhA [complement(114227..115244)], ycf1 [complement(117867..118054)], ndhB [131401..132112]
1262.	ECLA	42	rps12 [complement(97372..97614)], rps12 [complement(69174..69287)], trnK-UUU [complement(1736..1770)], trnK-UUU [complement(4319..4355)], rps16 [complement(5095..5321)], trnG-UCC [complement(30182..30228)], trnG-UCC [complement(30955..30977)], trnL-UAA [46994..47030], trnL-UAA [47470..47519], trnV-UAC [complement(50834..50870)], trnV-UAC [complement(51445..51482)], rps12 [137877..138119], trnI-GAU [101552..101593], trnI-GAU [102369..102403], trnA-UGC [102468..102505], trnA-UGC [103327..103361], trnA-UGC [complement(132131..132164)], trnA-UGC [complement(132986..133023)], trnI-GAU [complement(133088..133122)], trnI-GAU [complement(133898..133939)]	trnK-UUU [complement(1771..4318)], rps16 [complement(5322..6169)], rpoC1 [16590..17336], atpF [27058..27770], trnG-UCC [complement(30229..30954)], ycf3 [complement(42276..43016)], ycf3 [complement(43247..43946)], trnL-UAA [47031..47469], trnV-UAC [complement(50871..51444)], clpP [complement(69666..70284)], clpP [complement(70576..71394)], petB [74412..75185], petD [76030..76719], rpl2 [complement(84191..84855)], ndhB [complement(94565..95234)], trnI-GAU [101594..102368], trnA-UGC [102506..103326], ndhA [115639..116713], trnA-UGC [complement(132165..132985)], trnI-GAU [complement(133123..133897)], ndhB [140257..140926], rpl2 [150636..151300]
1263.	ECLG	69	rps12 [complement(97414..97439)], rps12 [complement(97976..98207)], rps12 [complement(69966..70079)], trnK-UUU [complement(1610..1642)], trnK-UUU [complement(4102..4138)], rps16 [complement(4587..4812)], rps16 [complement(5693..5730)], atpF [complement(11640..12050)], atpF	trnK-UUU [complement(1643..4101)], rps16 [complement(4813..5692)], atpF [complement(12051..12775)], rpoC1 [complement(22380..23185)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(12776..12919)], rpoC1 [complement(20751..22379)], rpoC1 [complement(23186..23617)], ycf3 [complement(42607..42761)], ycf3 [complement(43482..43707)], ycf3 [complement(44404..44529)], trnL-UAA [47323..47357], trnL-UAA [47835..47884], trnV-UAC [complement(51703..51739)], trnV-UAC [complement(52336..52371)], rps12 [138230..138463], rps12 [138997..139023], clpP [complement(70234..70461)], clpP [complement(71070..71361)], clpP [complement(72076..72146)], petB [75039..75044], petB [75782..76423], petD [76620..76627], petD [77384..77867], rpl16 [complement(81251..81649)], rpl16 [complement(82527..82535)], rpl2 [complement(84191..84624)], rpl2 [complement(85291..85681)], ndhB [complement(94417..95172)], ndhB [complement(95852..96628)], trnI-GAU [101927..101963], trnI-GAU [102904..102938], trnA-UGC [103003..103040], trnA-UGC [103839..103873], ndhA [complement(118815..118844)], ndhA [complement(119793..120344)], trnA-UGC [complement(132564..132598)], trnA-UGC [complement(133397..133434)], trnI-GAU [complement(133499..133533)], trnI-GAU [complement(134474..134510)], ndhB [139809..140585], ndhB [141265..142020], rpl2 [150756..151146], rpl2 [151813..152246]	[complement(42762..43481)], ycf3 [complement(43708..44403)], trnL-UAA [47358..47834], trnV-UAC [complement(51740..52335)], clpP [complement(70462..71069)], clpP [complement(71362..72075)], petB [75045..75781], petD [76628..77383], rpl16 [complement(81650..82526)], rpl2 [complement(84625..85290)], ndhB [complement(95173..95851)], trnI-GAU [101964..102903], trnA-UGC [103041..103838], ndhA [complement(118845..119792)], trnA-UGC [complement(132599..133396)], trnI-GAU [complement(133534..134473)], ndhB [140586..141264], rpl2 [151147..151812]
1264.	ECLN	72	rps12 [complement(97237..97262)], rps12 [complement(97799..98030)], rps12 [complement(69779..69913)], trnK-UUU [complement(1610..1642)], trnK-UUU [complement(4083..4119)], rps16 [complement(4585..4809)], rps16 [complement(5683..5721)], trnG-UCC [8882..8904], trnG-UCC [9597..9644], atpF [complement(11539..11949)], atpF [complement(12670..12813)], rpoC1 [complement(20630..22249)], rpoC1 [complement(23050..23481)], ycf3 [complement(42470..42624)], ycf3 [complement(43326..43551)], ycf3 [complement(44248..44373)], trnL-UAA [47156..47190], trnL-UAA [47668..47717], trnV-UAC [complement(51552..51588)], trnV-UAC [complement(52185..52220)], rps12 [138114..138345], rps12 [138882..138907], clpP [complement(70048..70275)], clpP [complement(70884..71175)], clpP [complement(71911..71981)], petB [74874..74879], petB [75616..76257], petD [76454..76461], petD [77218..77692], rpl16 [complement(81078..81476)], rpl16	trnK-UUU [complement(1643..4082)], rps16 [complement(4810..5682)], trnG-UCC [8905..9596], atpF [complement(11950..12669)], rpoC1 [complement(22250..23049)], ycf3 [complement(42625..43325)], ycf3 [complement(43552..44247)], trnL-UAA [47191..47667], trnV-UAC [complement(51589..52184)], clpP [complement(70276..70883)], clpP [complement(71176..71910)], petB [74880..75615], petD [76462..77217], rpl16 [complement(81477..82347)], rpl2 [complement(84446..85111)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82348..82356)], rpl2 [complement(84012..84445)], rpl2 [complement(85112..85502)], ndhB [complement(94240..94995)], ndhB [complement(95675..96451)], trnI-GAU [101686..101722], trnI-GAU [102663..102697], trnA-UGC [102762..102799], trnA-UGC [103600..103634], ndhA [complement(118021..118560)], ndhA [complement(119654..120205)], trnA-UGC [complement(132510..132544)], trnA-UGC [complement(133345..133382)], trnI-GAU [complement(133447..133481)], trnI-GAU [complement(134422..134458)], ndhB [139693..140469], ndhB [141149..141904], rpl2 [150642..151032], rpl2 [151699..152132]	[complement(94996..95674)], trnI-GAU [101723..102662], trnA-UGC [102800..103599], ndhA [complement(118561..119653)], trnA-UGC [complement(132545..133344)], trnI-GAU [complement(133482..134421)], ndhB [140470..141148], rpl2 [151033..151698]
1265.	ECLO	72	rps12 [complement(96104..96129)], rps12 [complement(96666..96897)], rps12 [complement(68664..68777)], trnK-UUU [complement(1618..1650)], trnK-UUU [complement(4110..4146)], rps16 [complement(4593..4819)], rps16 [complement(5693..5732)], trnG-UCC [8929..8951], trnG-UCC [9644..9691], atpF [complement(11595..12004)], atpF [complement(12730..12874)], rpoC1 [complement(20690..22318)], rpoC1 [complement(23120..23551)], ycf3 [complement(42494..42646)], ycf3 [complement(43367..43594)], ycf3 [complement(44291..44416)], trnL-UAA [46397..46431], trnL-UAA [46909..46958], trnV-UAC [complement(50766..50800)], trnV-UAC [complement(51391..51428)], rps12 [136931..137162], rps12 [137699..137724], clpP [complement(68918..69145)], clpP [complement(69757..70048)], clpP [complement(70783..70853)], petB [73746..73751], petB [74488..75129], petD [75326..75333], petD [76090..76564], rpl16 [complement(79950..80348)], rpl16 [complement(81220..81228)], rpl2 [complement(82885..83318)], rpl2 [complement(83985..84375)], ndhB [complement(93107..93862)], ndhB [complement(94542..95318)], trnI-GAU [100617..100653], trnI-GAU [101594..101628], trnA-UGC [101693..101730], trnA-UGC [102529..102563], ndhA [complement(116977..117515)], ndhA [complement(118472..119024)], trnA-UGC [complement(131265..131299)], trnA-UGC [complement(132098..132135)], trnI-GAU [complement(132200..132234)], trnI-GAU [complement(133175..133211)], ndhB [138510..139286], ndhB [139966..140721], rpl2 [149453..149842], rpl2 [150509..150943]	trnK-UUU [complement(1651..4109)], rps16 [complement(4820..5692)], trnG-UCC [8952..9643], atpF [complement(12005..12729)], rpoC1 [complement(22319..23119)], ycf3 [complement(42647..43366)], ycf3 [complement(43595..44290)], trnL-UAA [46432..46908], trnV-UAC [complement(50801..51390)], clpP [complement(69146..69756)], clpP [complement(70049..70782)], petB [73752..74487], petD [75334..76089], rpl16 [complement(80349..81219)], rpl2 [complement(83319..83984)], ndhB [complement(93863..94541)], trnI-GAU [100654..101593], trnA-UGC [101731..102528], ndhA [complement(117516..118471)], trnA-UGC [complement(131300..132097)], trnI-GAU [complement(132235..133174)], ndhB [139287..139965], rpl2 [149843..150508]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1266.	ECOR	41	rps12 [complement(92465..92707)], rps12 [complement(68889..69035)], trnK-UUU [complement(1477..1509)], trnK-UUU [complement(3985..4022)], atpF [34416..34574], atpF [35384..35791], ycf3 [complement(43583..43741)], ycf3 [complement(44474..44701)], ycf3 [complement(45465..45596)], trnL-UAA [48376..48410], trnL-UAA [48963..49012], trnV-UAC [complement(52560..52596)], trnV-UAC [complement(53199..53237)], rps12 [129293..129535], ndhB [complement(88834..89589)], ndhB [complement(90302..91078)], trnI-GAU [96531..96572], trnI-GAU [97519..97553], trnA-UGC [97619..97656], trnA-UGC [98483..98517], ndhA [complement(113969..114508)], ndhA [complement(115527..116075)], trnA-UGC [complement(123483..123517)], trnA-UGC [complement(124344..124381)], trnI-GAU [complement(124447..124481)], trnI-GAU [complement(125428..125469)], ndhB [130922..131698], ndhB [132411..133166]	trnK-UUU [complement(1510..3984)], atpF [34575..35383], ycf3 [complement(43742..44473)], ycf3 [complement(44702..45464)], trnL-UAA [48411..48962], trnV-UAC [complement(52597..53198)], ndhB [complement(89590..90301)], trnI-GAU [96573..97518], trnA-UGC [97657..98482], ndhA [complement(114509..115526)], trnA-UGC [complement(123518..124343)], trnI-GAU [complement(124482..125427)], ndhB [131699..132410]
1267.	ECPA	42	rps12 [complement(97367..97609)], rps12 [complement(69168..69281)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4322..4358)], rps16 [complement(5098..5324)], trnG-UCC [complement(30220..30266)], trnG-UCC [complement(30992..31014)], trnL-UAA [47056..47092], trnL-UAA [47532..47581], trnV-UAC [complement(50853..50889)], trnV-UAC [complement(51464..51501)], rps12 [137873..138115], trnI-GAU [101539..101580], trnI-GAU [102356..102390], trnA-UGC [102455..102492], trnA-UGC [103314..103348], trnA-UGC [complement(132135..132168)], trnA-UGC [complement(132990..133027)], trnI-GAU [complement(133092..133126)], trnI-GAU [complement(133902..133943)]	trnK-UUU [complement(1769..4321)], rps16 [complement(5325..6176)], rpoC1 [16641..17370], atpF [27095..27807], trnG-UCC [complement(30267..30991)], ycf3 [complement(42333..43072)], ycf3 [complement(43303..44001)], trnL-UAA [47093..47531], trnV-UAC [complement(50890..51463)], clpP [complement(69660..70281)], clpP [complement(70573..71387)], petB [74407..75180], petD [76025..76708], rpl2 [complement(84186..84850)], ndhB [complement(94560..95229)], trnI-GAU [101581..102355], trnA-UGC [102493..103313], ndhA [115637..116709], trnA-UGC [complement(132169..132989)], trnI-GAU [complement(133127..133901)], ndhB [140253..140922], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[150632..151296]
1268.	ECPD	42	rps12 [complement(97408..97650)], rps12 [complement(69208..69321)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4321..4357)], rps16 [complement(5133..5359)], trnG-UCC [complement(30273..30319)], trnG-UCC [complement(31045..31067)], trnL-UAA [47095..47131], trnL-UAA [47571..47620], trnV-UAC [complement(50900..50936)], trnV-UAC [complement(51512..51549)], rps12 [137827..138069], trnI-GAU [101579..101620], trnI-GAU [102396..102430], trnA [102495..102532], trnA [103354..103388], trnA-UGC [132090..132123], trnA-UGC [132945..132982], trnI-GAU [complement(133047..133081)], trnI-GAU [complement(133857..133898)]	trnK-UUU [complement(1768..4320)], rps16 [complement(5360..6207)], rpoC1 [16683..17419], atpF [27146..27858], trnG-UCC [complement(30320..31044)], ycf3 [complement(42374..43113)], ycf3 [complement(43344..44042)], trnL-UAA [47132..47570], trnV-UAC [complement(50937..51511)], clpP [complement(69700..70322)], clpP [complement(70614..71428)], petB [74450..75223], petD [76068..76751], rpl2 [complement(84227..84891)], ndhB [complement(94601..95270)], trnI-GAU [101621..102395], trnA [102533..103353], ndhA [115670..116740], trnA-UGC [132124..132944], trnI-GAU [complement(133082..133856)], ndhB [140207..140876], rpl2 [150586..151250]
1269.	ECPR	72	rps12 [complement(96517..96542)], rps12 [complement(97078..97309)], rps12 [complement(68823..68936)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4314..4350)], rps16 [complement(5196..5416)], rps16 [complement(6275..6314)], rpoC1 [16111..16563], rpoC1 [17296..18933], atpF [26911..27055], atpF [27757..28166], trnG-UCC [complement(30153..30199)], trnG-UCC [complement(30934..30956)], ycf3 [complement(42099..42251)], ycf3 [complement(43004..43233)], ycf3 [complement(43944..44067)], trnL-UAA [complement(46851..46887)], trnL-UAA [complement(47322..47371)], trnV-UAC [complement(50436..50472)], trnV-UAC [complement(51047..51084)], rps12 [137734..137965], rps12 [138501..138526], clpP [complement(69092..69320)], clpP [complement(69939..70229)], clpP [complement(71040..71110)], petB [74061..74066], petB [74844..75485], petD [75680..75687], petD	trnK-UUU [complement(1768..4313)], rps16 [complement(5417..6274)], rpoC1 [16564..17295], atpF [27056..27756], trnG-UCC [complement(30200..30933)], ycf3 [complement(42252..43003)], ycf3 [complement(43234..43943)], trnL-UAA [complement(46888..47321)], trnV-UAC [complement(50473..51046)], clpP [complement(69321..69938)], clpP [complement(70230..71039)], petB [74067..74843], petD [75688..76424], rpl16 [complement(80751..81766)], rpl2 [complement(83870..84534)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76425..76899], rpl16 [complement(80352..80750)], rpl16 [complement(81767..81775)], rpl2 [complement(83436..83869)], rpl2 [complement(84535..84925)], ndhB [complement(93504..94259)], ndhB [complement(94930..95706)], trnI-GAU [101225..101266], trnI-GAU [102038..102072], trnA-UGC [102137..102174], trnA-UGC [102996..103030], ndhA [complement(118158..118697)], ndhA [complement(119724..120275)], trnA-UGC [complement(132013..132047)], trnA-UGC [complement(132869..132906)], trnI-GAU [complement(132971..133005)], trnI-GAU [complement(133777..133818)], ndhB [139337..140113], ndhB [140784..141539], rpl2 [150118..150510], rpl2 [151173..151607]	[complement(94260..94929)], trnI-GAU [101267..102037], trnA-UGC [102175..102995], ndhA [complement(118698..119723)], trnA-UGC [complement(132048..132868)], trnI-GAU [complement(133006..133776)], ndhB [140114..140783], rpl2 [150511..151172]
1270.	ECPU	42	rps12 [complement(97371..97613)], rps12 [complement(69149..69262)], trnK-UUU [complement(1724..1758)], trnK-UUU [complement(4303..4339)], rps16 [complement(5086..5312)], trnG-UCC [complement(30177..30223)], trnG-UCC [complement(30952..30974)], trnL-UAA [47002..47038], trnL-UAA [47478..47527], trnV-UAC [complement(50812..50848)], trnV-UAC [complement(51423..51460)], rps12 [137903..138145], trnI-GAU [101551..101592], trnI-GAU [102368..102402], trnA-UGC [102467..102504], trnA-UGC [103326..103360], trnA-UGC [complement(132157..132190)], trnA-UGC [complement(133012..133049)], trnI-GAU [complement(133114..133148)], trnI-GAU [complement(133924..133965)]	trnK-UUU [complement(1759..4302)], rps16 [complement(5313..6178)], rpoC1 [16587..17334], atpF [27051..27763], trnG-UCC [complement(30224..30951)], ycf3 [complement(42265..43005)], ycf3 [complement(43236..43935)], trnL-UAA [47039..47477], trnV-UAC [complement(50849..51422)], clpP [complement(69641..70257)], clpP [complement(70549..71382)], petB [74401..75173], petD [76018..76707], rpl2 [complement(84190..84854)], ndhB [complement(94564..95233)], trnI-GAU [101593..102367], trnA-UGC [102505..103325], ndhA [115638..116709], trnA-UGC [complement(132191..133011)], trnI-GAU [complement(133149..133923)], ndhB [140283..140952], rpl2 [150662..151326]
1271.	ECSA	41	rps12 [complement(97402..97644)], rps12 [complement(69196..69309)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4321..4357)], trnG-UCC [complement(30250..30296)], trnG-UCC	trnK-UUU [complement(1769..4320)], rps16 [complement(5323..6178)], rpoC1 [16649..17385], atpF [27118..27830], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(31022..31044)], trnL-UAA [47084..47120], trnL-UAA [47560..47609], trnV-UAC [complement(50885..50921)], trnV-UAC [complement(51496..51533)], rps12 [137916..138158], trnI-GAU [101573..101614], trnI-GAU [102390..102424], trnA-UGC [102489..102526], trnA-UGC [103348..103382], trnA-UGC [complement(132179..132212)], trnA-UGC [complement(133034..133071)], trnI-GAU [complement(133136..133170)], trnI-GAU [complement(133946..133987)]	UCC [complement(30297..31021)], ycf3 [complement(42363..43102)], ycf3 [complement(43333..44030)], trnL-UAA [47121..47559], trnV-UAC [complement(50922..51495)], clpP [complement(69688..70308)], clpP [complement(70600..71423)], petB [74441..75214], petD [76059..76742], rpl2 [complement(84221..84885)], ndhB [complement(94595..95264)], trnI-GAU [101615..102389], trnA-UGC [102527..103347], ndhA [115671..116748], trnA-UGC [complement(132213..133033)], trnI-GAU [complement(133171..133945)], ndhB [140296..140965], rpl2 [150675..151339]
1272.	ECSP	41	rps12 [complement(97278..97520)], rps12 [complement(69078..69191)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4307..4343)], trnG-UCC [complement(30147..30193)], trnG-UCC [complement(30921..30943)], trnL-UAA [46944..46980], trnL-UAA [47420..47469], trnV-UAC [complement(50755..50791)], trnV-UAC [complement(51366..51403)], rps12 [137850..138092], trnI-GAU [101458..101499], trnI-GAU [102275..102309], trnA-UGC [102374..102411], trnA-UGC [103233..103267], trnA-UGC [complement(132104..132137)], trnA-UGC [complement(132959..132996)], trnI-GAU [complement(133061..133095)], trnI-GAU [complement(133871..133912)]	trnK-UUU [complement(1768..4306)], rps16 [complement(5310..6157)], rpoC1 [16561..17301], atpF [27021..27733], trnG-UCC [complement(30194..30920)], ycf3 [complement(42233..42973)], ycf3 [complement(43204..43902)], trnL-UAA [46981..47419], trnV-UAC [complement(50792..51365)], clpP [complement(69570..70188)], clpP [complement(70480..71291)], petB [74309..75082], petD [75927..76616], rpl2 [complement(84097..84761)], ndhB [complement(94471..95140)], trnI-GAU [101500..102274], trnA-UGC [102412..103232], ndhA [115591..116664], trnA-UGC [complement(132138..132958)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnI-GAU [complement(133096..133870)], ndhB [140230..140899], rpl2 [150609..151273]
1273.	ECST	62	rps12 [complement(91779..91807)], rps12 [complement(92348..92579)], rps12 [complement(68796..68909)], trnK-UUU [complement(1365..1397)], trnK-UUU [complement(3871..3908)], rps16 [complement(4345..4562)], rps16 [complement(5407..5446)], trnG-UCC [complement(12399..12446)], trnG-UCC [complement(13130..13152)], atpF [34275..34433], atpF [35243..35650], ycf3 [complement(43439..43597)], ycf3 [complement(44331..44558)], ycf3 [complement(45322..45453)], trnL-UAA [48247..48281], trnL-UAA [48834..48883], trnV-UAC [complement(52424..52460)], trnV-UAC [complement(53063..53101)], petB [72658..72663], petB [73415..74062], petD [74256..74263], petD [74996..75470], rpl16 [complement(79028..79429)], rpl16 [complement(80490..80498)], rpl2 [complement(82459..82890)], rpl2 [complement(83554..83943)], ndhB [complement(88706..89461)], ndhB [complement(90174..90950)], trnI-GAU [96403..96444], trnI-GAU [97392..97426], trnA-UGC [97492..97529], trnA-UGC [98348..98382], ndhA [complement(113859..114398)], ndhA [complement(115417..115965)], trnA-UGC [complement(123373..123407)], trnA-UGC [complement(124226..124263)], trnI-GAU [complement(124329..124363)], trnI-GAU [complement(125311..125352)], ndhB [130805..131581], ndhB [132294..133049], rpl2 [137812..138201], rpl2 [138865..139296]	trnK-UUU [complement(1398..3870)], rps16 [complement(4563..5406)], trnG-UCC [complement(12447..13129)], atpF [34434..35242], ycf3 [complement(43598..44330)], ycf3 [complement(44559..45321)], trnL-UAA [48282..48833], trnV-UAC [complement(52461..53062)], petB [72664..73414], petD [74264..74995], rpl16 [complement(79430..80489)], rpl2 [complement(82891..83553)], ndhB [complement(89462..90173)], trnI-GAU [96445..97391], trnA-UGC [97530..98347], ndhA [complement(114399..115416)], trnA-UGC [complement(123408..124225)], trnI-GAU [complement(124364..125310)], ndhB [131582..132293], rpl2 [138202..138864]
1274.	ECTE	41	rps12 [complement(97342..97584)], rps12 [complement(69130..69243)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4307..4343)], trnG-UCC [complement(30146..30192)], trnG-UCC [complement(30919..30941)], trnL-UAA [47002..47038], trnL-UAA [47478..47527], trnV-UAC [complement(50813..50849)], trnV-UAC [complement(51424..51461)], rps12 [137867..138109], trnI-GAU [101522..101563], trnI-GAU [102339..102373], trnA-UGC [102438..102475], trnA-UGC [103297..103331], trnA-UGC [complement(132121..132154)], trnA-UGC [complement(132976..133013)], trnI-GAU [complement(133078..133112)], trnI-GAU [complement(133888..133929)]	trnK-UUU [complement(1768..4306)], rps16 [complement(5310..6163)], rpoC1 [16564..17304], atpF [27019..27731], trnG-UCC [complement(30193..30918)], ycf3 [complement(42267..43007)], ycf3 [complement(43238..43937)], trnL-UAA [47039..47477], trnV-UAC [complement(50850..51423)], clpP [complement(69622..70240)], clpP [complement(70532..71354)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[74371..75144], petD [75989..76678], rpl2 [complement(84161..84825)], ndhB [complement(94535..95204)], trnI-GAU [101564..102338], trnA-UGC [102476..103296], ndhA [115613..116683], trnA-UGC [complement(132155..132975)], trnI-GAU [complement(133113..133887)], ndhB [140247..140916], rpl2 [150626..151290]
1275.	ECUG	62	rps12 [complement(91533..91561)], rps12 [complement(92102..92333)], rps12 [complement(68541..68654)], trnK-UUU [complement(1374..1406)], trnK-UUU [complement(3880..3917)], rps16 [complement(4348..4565)], rps16 [complement(5410..5449)], trnG-UCC [complement(12402..12449)], trnG-UCC [complement(13133..13155)], atpF [34288..34446], atpF [35256..35663], ycf3 [complement(43455..43613)], ycf3 [complement(44346..44573)], ycf3 [complement(45342..45473)], trnL-UAA [48217..48251], trnL-UAA [48799..48848], trnV-UAC [complement(52422..52458)], trnV-UAC [complement(53061..53099)], petB [72403..72408], petB [73159..73806], petD [74000..74007], petD [74740..75214], rpl16 [complement(78772..79173)], rpl16 [complement(80249..80257)], rpl2 [complement(82213..82644)], rpl2 [complement(83308..83697)], ndhB [complement(88460..89215)], ndhB [complement(89928..90704)], trnI-GAU [96157..96198], trnI-GAU [97145..97179], trnA-UGC [97245..97282], trnA-UGC [98093..98127], ndhA [complement(113583..114122)], ndhA [complement(115141..115689)], trnA-UGC [complement(123097..123131)], trnA-UGC [complement(123942..123979)], trnI-GAU [complement(124045..124079)], trnI-GAU [complement(125026..125067)], ndhB [130520..131296], ndhB [132009..132764], rpl2 [137527..137916], rpl2 [138580..139011]	trnK-UUU [complement(1407..3879)], rps16 [complement(4566..5409)], trnG-UCC [complement(12450..13132)], atpF [34447..35255], ycf3 [complement(43614..44345)], ycf3 [complement(44574..45341)], trnL-UAA [48252..48798], trnV-UAC [complement(52459..53060)], petB [72409..73158], petD [74008..74739], rpl16 [complement(79174..80248)], rpl2 [complement(82645..83307)], ndhB [complement(89216..89927)], trnI-GAU [96199..97144], trnA-UGC [97283..98092], ndhA [complement(114123..115140)], trnA-UGC [complement(123132..123941)], trnI-GAU [complement(124080..125025)], ndhB [131297..132008], rpl2 [137917..138579]
1276.	ECU M	35	rps12 [complement(98277..98302)], rps12 [complement(98839..99070)], rps12 [complement(70424..70537)], rps16 [complement(4710..4936)], rps16 [complement(5772..5811)], atpF [complement(11366..11775)], atpF [complement(12485..12629)], rpoC1 [complement(20528..22138)], rpoC1	clpP [complement(70909..71552)], clpP [complement(71844..72612)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22888..23340)], ycf3 [complement(43473..43625)], ycf3 [complement(44408..44637)], ycf3 [complement(45372..45495)], rps12 [139748..139979], rps12 [140516..140541], clpP [complement(70680..70908)], clpP [complement(71553..71843)], clpP [complement(72613..72683)], petB [75591..75596], petB [76373..77014], petD [77206..77213], petD [77929..78403], rpl16 [complement(81865..82263)], rpl16 [complement(83235..83243)], rpl2 [complement(84961..85394)], rpl2 [complement(86044..86434)], ndhB [complement(95259..96014)], ndhB [complement(96703..97479)], ndhA [complement(119763..120301)], ndhA [complement(121400..121952)], ndhB [141339..142115], ndhB [142804..143559], rpl2 [152384..152774], rpl2 [153424..153857]	
1277.	EHBU	64	rps12 [complement(88396..88424)], rps12 [complement(88965..89196)], rps12 [complement(66949..67065)], trnK-UUU [complement(1381..1415)], trnK-UUU [complement(3878..3914)], rps16 [complement(4496..4704)], rps16 [complement(5543..5579)], trnG-UCC [complement(12606..12653)], trnG-UCC [complement(13468..13490)], atpF [32667..32811], atpF [33593..33999], ycf3 [complement(41722..41880)], ycf3 [complement(42610..42837)], ycf3 [complement(43581..43712)], trnL-UAA [46213..46247], trnL-UAA [46773..46822], trnV-UAC [complement(50093..50129)], trnV-UAC [complement(50713..50751)], rps12 [126086..126317], rps12 [126858..126886], petB [70823..70828], petB [71642..72283], petD [72468..72477], petD [73227..73699], rpl16 [complement(77277..77678)], rpl16 [complement(78741..78749)], rpl2 [complement(80730..81160)], rpl2 [complement(81789..82179)], ndhB [complement(85318..86073)], ndhB [complement(86786..87562)], trnI-GAU [93027..93063], trnI-GAU [94014..94048], trnA-UGC [94114..94151], trnA-UGC [94963..94997], ndhA [complement(110762..111300)], ndhA [complement(112338..112887)], trnA-UGC [complement(120285..120319)], trnA-UGC [complement(121131..121169)], trnI-GAU [complement(121234..121268)], trnI-GAU [complement(122219..122255)], ndhB [127720..128496], ndhB [129209..129964], rpl2 [133103..133493], rpl2 [134122..134552]	trnK-UUU [complement(1416..3877)], rps16 [complement(4705..5542)], trnG-UCC [complement(12654..13467)], atpF [32812..33592], ycf3 [complement(41881..42609)], ycf3 [complement(42838..43580)], trnL-UAA [46248..46772], trnV-UAC [complement(50130..50712)], petB [70829..71641], petD [72478..73226], rpl16 [complement(77679..78740)], rpl2 [complement(81161..81788)], ndhB [complement(86074..86785)], trnI-GAU [93064..94013], trnA-UGC [94152..94962], ndhA [complement(111301..112337)], trnA-UGC [complement(120320..121130)], trnI-GAU [complement(121269..122218)], ndhB [128497..129208], rpl2 [133494..134121]
1278.	ELAL	36	rps12 [complement(84548..84573)], rps12 [complement(85105..85336)],	atpF [complement(9487..10214)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(58563..58676)], atpF [complement(9077..9486)], atpF [complement(10215..10359)], rpoC1 [complement(17720..19345)], rpoC1 [complement(20059..20490)], ycf3 [complement(38032..38184)], ycf3 [complement(38870..39099)], ycf3 [complement(39824..39947)], trnL-UAA [42023..42060], trnL-UAA [42352..42398], rps12 [116289..116520], rps12 [117052..117077], clpP [complement(58816..59043)], clpP [complement(59652..59943)], clpP [complement(60754..60824)], petB [63660..63665], petB [64406..65059], petD [65238..65245], petD [66006..66480], rpl16 [complement(69620..70016)], rpl16 [complement(70991..71001)], rpl2 [complement(72667..73100)], rpl2 [complement(73760..74150)]	[complement(19346..20058)], ycf3 [complement(38185..38869)], ycf3 [complement(39100..39823)], trnL-UAA [42061..42351], clpP [complement(59044..59651)], clpP [complement(59944..60753)], petB [63666..64405], petD [65246..66005], rpl16 [complement(70017..70990)], rpl2 [complement(73101..73759)]
1279.	ELAN	69	rps12 [complement(94487..94512)], rps12 [complement(95055..95286)], rps12 [complement(66646..66759)], trnK-UUU [complement(1388..1422)], trnK-UUU [complement(3931..3967)], trnG-GCC [7655..7677], trnG-GCC [8378..8425], atpF [complement(10446..10856)], atpF [complement(11565..11708)], rpoC1 [complement(19366..20958)], rpoC1 [complement(21674..22108)], ycf3 [complement(41019..41180)], ycf3 [complement(41871..42098)], ycf3 [complement(42837..42962)], trnL-UAA [46209..46245], trnL-UAA [46761..46810], trnV-UAC [complement(50077..50113)], trnV-UAC [complement(50695..50733)], rps12 [136404..136635], rps12 [137178..137203], clpP [complement(66912..67139)], clpP [complement(67755..68043)], clpP [complement(68882..68949)], petB [71825..71830], petB [72600..73241], petD [73461..73468], petD [74147..74621], rpl16 [complement(78033..78431)], rpl16 [complement(79420..79428)], rpl2 [complement(81409..81843)], rpl2 [complement(82498..82887)], ndhB [complement(91426..92181)], ndhB [complement(92867..93643)], trnI-GAU [99042..99083], trnI-GAU [100024..100058], trnA-UGC [100124..100161], trnA-UGC [100964..100998], ndhA [complement(116558..117097)], ndhA [complement(118268..118819)], trnA-UGC [complement(130692..130726)], trnA-UGC [complement(131529..131566)], trnI-GAU [complement(131632..131666)], trnI-GAU [complement(132607..132648)], ndhB [138047..138823], ndhB	trnK-UUU [complement(1423..3930)], trnG-GCC [7678..8377], atpF [complement(10857..11564)], rpoC1 [complement(20959..21673)], ycf3 [complement(41181..41870)], ycf3 [complement(42099..42836)], trnL-UAA [46246..46760], trnV-UAC [complement(50114..50694)], clpP [complement(67140..67754)], clpP [complement(68044..68881)], petB [71831..72599], petD [73469..74146], rpl16 [complement(78432..79419)], rpl2 [complement(81844..82497)], ndhB [complement(92182..92866)], trnI-GAU [99084..100023], trnA-UGC [100162..100963], ndhA [complement(117098..118267)], trnA-UGC [complement(130727..131528)], trnI-GAU [complement(131667..132606)], ndhB [138824..139508], rpl2 [149193..149846]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[139509..140264], rpl2 [148803..149192], rpl2 [149847..150281]	
1280.	ELCA	72	rps12 [complement(99430..99455)], rps12 [complement(99999..100230)], rps12 [complement(71154..71267)], trnK-UUU [complement(1611..1645)], trnK-UUU [complement(4106..4142)], rps16 [complement(4734..4966)], rps16 [complement(6040..6079)], trnG-UCC [9281..9303], trnG-UCC [10039..10076], atpF [complement(12015..12425)], atpF [complement(13220..13363)], rpoC1 [complement(21250..22884)], rpoC1 [complement(23601..24032)], ycf3 [complement(43684..43836)], ycf3 [complement(44567..44794)], ycf3 [complement(45516..45641)], trnL-UAA [48286..48320], trnL-UAA [48920..48969], trnV-UAC [complement(52816..52852)], trnV-UAC [complement(53470..53506)], rps12 [142665..142896], rps12 [143440..143465], clpP [complement(71415..71675)], clpP [complement(72346..72636)], clpP [complement(73391..73459)], petB [76381..76386], petB [77185..77826], petD [78049..78056], petD [78779..79253], rpl16 [complement(82754..83155)], rpl16 [complement(84189..84197)], rpl2 [complement(86234..86665)], rpl2 [complement(87322..87708)], ndhB [complement(96342..97097)], ndhB [complement(97809..98585)], trnI-GAU [103815..103856], trnI-GAU [104801..104835], trnA-UGC [104899..104936], trnA-UGC [105753..105787], ndhA [complement(122730..123272)], ndhA [complement(124403..124954)], trnA-UGC [complement(137108..137142)], trnA-UGC [complement(137959..137996)], trnI-GAU [complement(138060..138094)], trnI-GAU [complement(139039..139080)], ndhB [144310..145086], ndhB [145798..146553], rpl2 [155187..155573], rpl2 [156230..156661]	trnK-UUU [complement(1646..4105)], rps16 [complement(4967..6039)], trnG-UCC [9304..10038], atpF [complement(12426..13219)], rpoC1 [complement(22885..23600)], ycf3 [complement(43837..44566)], ycf3 [complement(44795..45515)], trnL-UAA [48321..48919], trnV-UAC [complement(52853..53469)], clpP [complement(71676..72345)], clpP [complement(72637..73390)], petB [76387..77184], petD [78057..78778], rpl16 [complement(83156..84188)], rpl2 [complement(86666..87321)], ndhB [complement(97098..97808)], trnI-GAU [103857..104800], trnA-UGC [104937..105752], ndhA [complement(123273..124402)], trnA-UGC [complement(137143..137958)], trnI-GAU [complement(138095..139038)], ndhB [145087..145797], rpl2 [155574..156229]
1281.	ELGL	25	trnK-UUU [complement(1396..1428)], trnK-UUU [complement(3902..3939)], trnG-UCC [complement(13061..13108)], trnG-UCC [complement(13799..13821)], rps12 [127880..127908]	trnK-UUU [complement(1429..3901)], rps16 [complement(4712..5565)], trnG-UCC [complement(13109..13798)], atpF [34209..35005], ycf3 [complement(43378..44110)], ycf3 [complement(44339..45070)], trnL-UAA [47862..48410], trnV-UAC [complement(51976..52571)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[72030..72804], petD [73643..74382], rpl16 [complement(78817..79904)], rpl2 [complement(82297..82956)], ndhB [complement(87465..88176)], trnI-GAU [94449..95402], trnA-UGC [95542..96351], ndhA [complement(112361..113385)], trnA-UGC [complement(121340..122149)], trnI-GAU [complement(122289..123242)], ndhB [129515..130226], rpl2 [134735..135394]
1282.	ELGU	72	rps12 [complement(99395..99450)], rps12 [complement(99962..100190)], rps12 [complement(70622..70735)], trnK-UUU [complement(1404..1438)], trnK-UUU [complement(4075..4111)], rps16 [complement(4840..5060)], rps16 [complement(5917..5956)], trnG-UCC [9500..9522], trnG-UCC [10209..10256], atpF [complement(12200..12609)], atpF [complement(13415..13559)], rpoC1 [complement(21383..22999)], rpoC1 [complement(23744..24175)], ycf3 [complement(42597..42755)], ycf3 [complement(43492..43721)], ycf3 [complement(44438..44561)], trnL-UAA [47533..47567], trnL-UAA [48087..48136], trnV-UAC [complement(52823..52859)], trnV-UAC [complement(53451..53489)], rps12 [141976..142204], rps12 [142716..142771], clpP [complement(70876..71127)], clpP [complement(71779..72070)], clpP [complement(72888..72958)], petB [75903..75908], petB [76707..77354], petD [77568..77575], petD [78308..78821], rpl16 [complement(82307..82705)], rpl16 [complement(83877..83885)], rpl2 [complement(85843..86273)], rpl2 [complement(86936..87326)], ndhB [complement(96322..97077)], ndhB [complement(97781..98557)], trnI-GAU [104170..104211], trnI-GAU [105149..105183], trnA-UGC [105248..105285], trnA-UGC [106086..106120], ndhA [complement(121680..122218)], ndhA [complement(123259..123811)], trnA-UGC [complement(136046..136080)], trnA-UGC [complement(136881..136918)], trnI-GAU [complement(136983..137017)], trnI-GAU [complement(137955..137996)], ndhB [143609..144385], ndhB [145089..145844], rpl2 [154840..155230], rpl2 [155893..156323]	trnK-UUU [complement(1439..4074)], rps16 [complement(5061..5916)], trnG-UCC [9523..10208], atpF [complement(12610..13414)], rpoC1 [complement(23000..23743)], ycf3 [complement(42756..43491)], ycf3 [complement(43722..44437)], trnL-UAA [47568..48086], trnV-UAC [complement(52860..53450)], clpP [complement(71128..71778)], clpP [complement(72071..72887)], petB [75909..76706], petD [77576..78307], rpl16 [complement(82706..83876)], rpl2 [complement(86274..86935)], ndhB [complement(97078..97780)], trnI-GAU [104212..105148], trnA-UGC [105286..106085], ndhA [complement(122219..123258)], trnA-UGC [complement(136081..136880)], trnI-GAU [complement(137018..137954)], ndhB [144386..145088], rpl2 [155231..155892]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1283.	ELIN	34	trnK-UUU [complement(1373..1405)], trnK-UUU [complement(3888..3925)], trnL-UAA [47368..47402], trnL-UAA [47957..48006], trnV-UAC [complement(51567..51603)], trnV-UAC [complement(52201..52239)], rps12 [126654..126682], trnI-GAU [complement(93680..93721)], trnI-GAU [complement(94433..94467)], trnA-UGC [94533..94570], trnA-UGC [95381..95415], trnA-UGC [complement(120404..120438)], trnA-UGC [complement(121249..121286)], trnI-GAU [complement(121352..121386)], trnI-GAU [complement(122098..122139)]	trnK-UUU [complement(1406..3887)], rps16 [complement(4689..5529)], atpF [33635..34455], ycf3 [complement(42813..43534)], ycf3 [complement(43766..44503)], trnL-UAA [47403..47956], trnV-UAC [complement(51604..52200)], petB [71440..72210], petD [73066..73805], rpl16 [complement(78222..79289)], rpl2 [complement(81672..82331)], ndhB [complement(86820..87531)], trnI-GAU [complement(93722..94432)], trnA-UGC [94571..95380], ndhA [complement(111493..112504)], trnA-UGC [complement(120439..121248)], trnI-GAU [complement(121387..122097)], ndhB [128288..128999], rpl2 [133488..134147]
1284.	ELJO	72	rps12 [complement(99831..99857)], rps12 [complement(100396..100626)], rps12 [complement(71855..71968)], trnK-UUU [complement(1873..1901)], trnK-UUU [complement(4408..4444)], rps16 [complement(5087..5311)], rps16 [complement(6149..6190)], trnS-CGA [9920..9951], trnS-CGA [10631..10690], atpF [complement(12734..13144)], atpF [complement(13844..14002)], rpoC1 [complement(21454..23079)], rpoC1 [complement(23850..24284)], ycf3 [complement(43558..43710)], ycf3 [complement(44440..44667)], ycf3 [complement(45389..45517)], trnL-UAA [48587..48621], trnL-UAA [49120..49169], trnV [complement(53040..53076)], trnV [complement(53662..53700)], rps12 [142174..142404], rps12 [142943..142969], clpP [complement(72113..72340)], clpP [complement(72985..73275)], clpP [complement(74126..74194)], petB [77165..77170], petB [77928..78569], petD [78760..78768], petD [79591..80067], rpl16 [complement(83567..83977)], rpl16 [complement(84951..84959)], rpl2 [complement(86648..87082)], rpl2	trnK-UUU [complement(1902..4407)], rps16 [complement(5312..6148)], trnS-CGA [9952..10630], atpF [complement(13145..13843)], rpoC1 [complement(23080..23849)], ycf3 [complement(43711..44439)], ycf3 [complement(44668..45388)], trnL-UAA [48622..49119], trnV [complement(53077..53661)], clpP [complement(72341..72984)], clpP [complement(73276..74125)], petB [77171..77927], petD [78769..79590], rpl16 [complement(83978..84950)], rpl2 [complement(87083..87745)], ndhB [complement(97528..98206)], trnE-UUC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87746..88135)], ndhB [complement(96772..97527)], ndhB [complement(98207..98983)], trnE-UUC [104577..104608], trnE-UUC [105551..105590], trnA-UGC [105655..105691], trnA-UGC [106505..106540], ndhA [complement(121703..122242)], ndhA [complement(123336..123887)], trnA-UGC [complement(136260..136295)], trnA-UGC [complement(137109..137145)], trnE-UUG [complement(137210..137245)], trnE-UUG [complement(138192..138223)], ndhB [143817..144593], ndhB [145273..146028], rpl2 [154665..155057], rpl2 [155718..156152]	[104609..105550], trnA-UGC [105692..106504], ndhA [complement(122243..123335)], trnA-UGC [complement(136296..137108)], trnE-UUG [complement(137246..138191)], ndhB [144594..145272], rpl2 [155058..155717]
1285.	ELMA	72	rps12 [complement(95940..95965)], rps12 [complement(96506..96737)], rps12 [complement(67689..67802)], trnK-UUU [complement(1378..1412)], trnK-UUU [complement(3911..3947)], rps16 [complement(4612..4780)], rps16 [complement(5679..5719)], trnG-GCC [7872..7894], trnG-GCC [8589..8636], atpF [complement(10683..11093)], atpF [complement(11818..11961)], rpoC1 [complement(19649..21241)], rpoC1 [complement(21956..22390)], ycf3 [complement(41831..41983)], ycf3 [complement(42682..42909)], ycf3 [complement(43659..43784)], trnL-UAA [47082..47118], trnL-UAA [47638..47687], trnV-UAC [complement(50905..50941)], trnV-UAC [complement(51534..51572)], rps12 [137623..137854], rps12 [138395..138420], clpP [complement(67955..68182)], clpP [complement(68779..69067)], clpP [complement(69890..69960)], petB [72814..72819], petB [73608..74249], petD [74469..74476], petD [75165..75639], rpl16 [complement(79047..79445)], rpl16 [complement(80448..80456)], rpl2 [complement(82427..82861)], rpl2 [complement(83514..83903)], ndhB [complement(92903..93658)], ndhB [complement(94335..95111)], trnI-GAU [100487..100528], trnI-GAU [101483..101517], trnA-UGC [101583..101620], trnA-UGC [102423..102457], ndhA [complement(117801..118340)], ndhA [complement(119542..120093)], trnA-UGC [complement(131903..131937)], trnA-UGC [complement(132740..132777)], trnI-GAU [complement(132843..132877)], trnI-GAU [complement(133832..133873)], ndhB [139249..140025], ndhB [140702..141457], rpl2 [150457..150846], rpl2 [151499..151933]	trnK-UUU [complement(1413..3910)], rps16 [complement(4781..5678)], trnG-GCC [7895..8588], atpF [complement(11094..11817)], rpoC1 [complement(21242..21955)], ycf3 [complement(41984..42681)], ycf3 [complement(42910..43658)], trnL-UAA [47119..47637], trnV-UAC [complement(50942..51533)], clpP [complement(68183..68778)], clpP [complement(69068..69889)], petB [72820..73607], petD [74477..75164], rpl16 [complement(79446..80447)], rpl2 [complement(82862..83513)], ndhB [complement(93659..94334)], trnI-GAU [100529..101482], trnA-UGC [101621..102422], ndhA [complement(118341..119541)], trnA-UGC [complement(131938..132739)], trnI-GAU [complement(132878..133831)], ndhB [140026..140701], rpl2 [150847..151498]
1286.	ELMO	69	rps12 [complement(94826..94851)], rps12 [complement(95387..95618)],	trnK-UUU [complement(1410..3892)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(66573..66686)], trnK-UUU [complement(1375..1409)], trnK-UUU [complement(3893..3929)], trnG-GCC [7215..7237], trnG-GCC [7927..7974], atpF [complement(9961..10371)], atpF [complement(11095..11238)], rpoC1 [complement(18970..20562)], rpoC1 [complement(21269..21703)], ycf3 [complement(41093..41245)], ycf3 [complement(41940..42167)], ycf3 [complement(42916..43041)], trnL-UAA [46234..46270], trnL-UAA [46778..46827], trnV-UAC [complement(49785..49821)], trnV-UAC [complement(50411..50449)], rps12 [136774..137005], rps12 [137541..137566], clpP [complement(66839..67066)], clpP [complement(67662..67950)], clpP [complement(68778..68848)], petB [71731..71736], petB [72526..73167], petD [73403..73410], petD [74099..74573], rpl16 [complement(77917..78318)], rpl16 [complement(79307..79315)], rpl2 [complement(81307..81741)], rpl2 [complement(82404..82793)], ndhB [complement(91775..92530)], ndhB [complement(93211..93987)], trnI-GAU [99380..99421], trnI-GAU [100373..100407], trnA-UGC [100473..100510], trnA-UGC [101314..101348], ndhA [complement(116869..117408)], ndhA [complement(118595..119146)], trnA-UGC [complement(131044..131078)], trnA-UGC [complement(131882..131919)], trnI-GAU [complement(131985..132019)], trnI-GAU [complement(132971..133012)], ndhB [138405..139181], ndhB [139862..140617], rpl2 [149599..149988], rpl2 [150651..151085]	GCC [7238..7926], atpF [complement(10372..11094)], rpoC1 [complement(20563..21268)], ycf3 [complement(41246..41939)], ycf3 [complement(42168..42915)], trnL-UAA [46271..46777], trnV-UAC [complement(49822..50410)], clpP [complement(67067..67661)], clpP [complement(67951..68777)], petB [71737..72525], petD [73411..74098], rpl16 [complement(78319..79306)], rpl2 [complement(81742..82403)], ndhB [complement(92531..93210)], trnI-GAU [99422..100372], trnA-UGC [100511..101313], ndhA [complement(117409..118594)], trnA-UGC [complement(131079..131881)], trnI-GAU [complement(132020..132970)], ndhB [139182..139861], rpl2 [149989..150650]
1287.	ELSE	5	rps12 [143031..143262], rps12 [143799..143824], rpl2 [155177..155567], rpl2 [156228..156661]	rpl2 [155568..156227]
1288.	ELSO	65	rps12 [complement(102931..102956)], rps12 [complement(103504..103735)], rps12 [complement(72815..72928)], trnK-UUU [complement(1426..1460)], trnK-UUU [complement(4470..4506)], rps16 [complement(5016..5260)], rps16 [complement(6168..6207)], trnG-UCC [9902..9924], trnG-UCC [10619..10666], atpF [complement(12636..13045)], atpF [complement(13983..14127)], rpoC1 [complement(21831..23447)], rpoC1 [complement(24202..24636)], ycf3 [complement(43815..43967)], trnL-UAA [48389..48423], trnL-UAA [49193..49242], trnV-UAC [complement(53160..53194)], trnV-UAC [complement(53780..53818)], rps12	trnK-UUU [complement(1461..4469)], rps16 [complement(5261..6167)], trnG-UCC [9925..10618], atpF [complement(13046..13982)], rpoC1 [complement(23448..24201)], ycf3 [complement(43968..44728)], ycf3 [complement(44959..45682)], trnL-UAA [48424..49192], trnV-UAC [complement(53195..53779)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72815..72928)], rps12 [146202..146433], rps12 [146981..147006], clpP [complement(73061..73312)], clpP [complement(73987..74278)], clpP [complement(75355..75425)], petB [79106..79111], petB [79850..80491], petD [80672..80679], petD [81520..82033], rpl16 [complement(85509..85907)], rpl16 [complement(87165..87173)], rpl2 [complement(89177..89607)], rpl2 [complement(90271..90661)], trnI-GAU [107769..107805], trnI-GAU [108753..108787], trnA-UGC [108852..108889], trnA-UGC [109691..109725], ndhA [complement(125716..126254)], ndhA [complement(127384..127936)], trnA-UGC [complement(140212..140246)], trnA-UGC [complement(141048..141085)], trnI-GAU [complement(141150..141184)], trnI-GAU [complement(142132..142168)]	[complement(73313..73986)], clpP [complement(74279..75354)], petB [79112..79849], petD [80680..81519], rpl16 [complement(85908..87164)], rpl2 [complement(89608..90270)], ndhB [complement(100606..101304)], trnI-GAU [107806..108752], trnA-UGC [108890..109690], ndhA [complement(126255..127383)], trnA-UGC [complement(140247..141047)], trnI-GAU [complement(141185..142131)], ndhB [148633..149331], rpl2 [159667..160329]
1289.	ELSP	64	rps12 [complement(89719..89747)], rps12 [complement(90288..90519)], rps12 [complement(68146..68259)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3884..3921)], rps16 [complement(4483..4700)], rps16 [complement(5557..5596)], trnG-UCC [complement(13055..13102)], trnG-UCC [complement(13792..13814)], atpF [34063..34221], atpF [35019..35426], ycf3 [complement(43231..43389)], ycf3 [complement(44123..44350)], ycf3 [complement(45089..45214)], trnL-UAA [47751..47785], trnL-UAA [48335..48384], trnV-UAC [complement(51869..51915)], trnV-UAC [complement(52502..52540)], rps12 [127049..127280], rps12 [127821..127849], petB [71966..71971], petB [72741..73388], petD [73571..73578], petD [74319..74793], rpl16 [complement(78345..78746)], rpl16 [complement(79837..79845)], rpl2 [complement(81798..82229)], rpl2 [complement(82890..83282)], ndhB [complement(86643..87399)], ndhB [complement(88112..88887)], trnI-GAU [94343..94384], trnI-GAU [95339..95373], trnA-UGC [95440..95477], trnA-UGC [96288..96322], ndhA [complement(111763..112302)], ndhA [complement(113328..113876)], trnA-UGC [complement(121246..121280)], trnA-UGC [complement(122091..122129)], trnI-GAU [complement(122195..122229)], trnI-GAU [complement(123184..123225)], ndhB [128681..129457], ndhB [130170..130925], rpl2 [134286..134678], rpl2 [135339..135770]	trnK-UUU [complement(1411..3883)], rps16 [complement(4701..5556)], trnG-UCC [complement(13103..13791)], atpF [34222..35018], ycf3 [complement(43390..44122)], ycf3 [complement(44351..45088)], trnL-UAA [47786..48334], trnV-UAC [complement(51916..52501)], petB [71972..72740], petD [73579..74318], rpl16 [complement(78747..79836)], rpl2 [complement(82230..82889)], ndhB [complement(87400..88111)], trnI-GAU [94385..95338], trnA-UGC [95478..96287], ndhA [complement(112303..113327)], trnA-UGC [complement(121281..122090)], trnI-GAU [complement(122230..123183)], ndhB [129458..130169], rpl2 [134679..135338]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1290.	EMHE	69	rps12 [complement(98957..98982)], rps12 [complement(99509..99740)], rps12 [complement(71080..71193)], trnK-UUU [complement(1618..1652)], trnK-UUU [complement(4156..4192)], rps16 [complement(5024..5250)], rps16 [complement(6093..6132)], trnG-GCC [9632..9654], trnG-GCC [10326..10362], atpF [complement(12315..12725)], atpF [complement(13424..13582)], rpoC1 [complement(21419..23038)], rpoC1 [complement(23785..24216)], ycf3 [complement(43225..43377)], ycf3 [complement(44130..44357)], ycf3 [complement(45066..45191)], trnL-UAA [47833..47869], trnL-UAA [48366..48415], trnV-UAC [complement(52370..52406)], trnV-UAC [complement(52999..53036)], rps12 [141194..141425], rps12 [141952..141977], clpP [complement(71334..71561)], clpP [complement(72220..72510)], clpP [complement(73301..73369)], petB [76284..76289], petB [77079..77720], rpl16 [complement(82576..82974)], rpl16 [complement(84002..84010)], rpl2 [complement(85646..86080)], rpl2 [complement(86734..87129)], ndhB [complement(95923..96678)], ndhB [complement(97278..98147)], trnI-GAU [103447..103488], trnI-GAU [104438..104472], trnA-UGC [104536..104573], trnA-UGC [105384..105418], ndhA [complement(120912..121451)], ndhA [complement(122565..123116)], trnA-UGC [complement(135516..135550)], trnA-UGC [complement(136361..136398)], trnI-GAU [complement(136462..136496)], trnI-GAU [complement(137446..137487)], ndhB [142787..143656], ndhB [144256..145011], rpl2 [153805..154200], rpl2 [154857..155288]	trnK-UUU [complement(1653..4155)], rps16 [complement(5251..6092)], trnG-GCC [9655..10325], atpF [complement(12726..13423)], rpoC1 [complement(23039..23784)], ycf3 [complement(43378..44129)], ycf3 [complement(44358..45065)], trnL-UAA [47870..48365], trnV-UAC [complement(52407..52998)], clpP [complement(71562..72219)], clpP [complement(72511..73300)], petB [76290..77078], rpl16 [complement(82975..84001)], rpl2 [complement(86081..86733)], ndhB [complement(96679..97277)], trnI-GAU [103489..104437], trnA-UGC [104574..105383], ndhA [complement(121452..122564)], trnA-UGC [complement(135551..136360)], trnI-GAU [complement(136497..137445)], ndhB [143657..144255], rpl2 [154201..154856]
1291.	EMVE	27	rps12 [complement(72263..72376)], trnV [complement(53372..53406)], rps12 [142932..143162], rps12 [143702..143728]	trnK-UUU [complement(1812..4338)], rps16 [complement(5282..6136)], trnS-CGA [9953..10625], atpF [complement(13142..13834)], rpoC1 [complement(23206..23964)], ycf3 [complement(44037..44766)], ycf3 [complement(44995..45712)], trnL-UAA [48925..49425], trnV [complement(53407..53983)], clpP [complement(72755..73400)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(73692..74557)], petB [77604..78367], petD [79209..80031], rpl16 [complement(84445..85460)], rpl2 [complement(87589..88240)], ndhB [complement(98237..98915)], trnI [105328..106273], trnA-UGC [106415..107227], ndhA [complement(123018..124116)], trnA-UGC [complement(137058..137870)], trnI [complement(138012..138959)], ndhB [145370..146048], rpl2 [156045..156696]
1292.	ENCA	64	rps12 [complement(87371..87399)], rps12 [complement(87940..88171)], rps12 [complement(65775..65888)], trnK-UUU [complement(1396..1430)], trnK-UUU [complement(3900..3936)], rps16 [complement(4455..4672)], rps16 [complement(5514..5553)], trnG-UCC [complement(12352..12399)], trnG-UCC [complement(13080..13102)], atpF [32486..32630], atpF [33472..33878], ycf3 [complement(41622..41780)], ycf3 [complement(42512..42741)], ycf3 [complement(43499..43622)], trnL-UAA [45986..46020], trnL-UAA [46576..46625], trnV-UAC [complement(50204..50238)], trnV-UAC [complement(50837..50875)], rps12 [123944..124175], rps12 [124716..124744], petB [69628..69633], petB [70428..71069], petD [71252..71259], petD [72000..72474], rpl16 [complement(76001..76402)], rpl16 [complement(77492..77500)], rpl2 [complement(79452..79882)], rpl2 [complement(80546..80936)], ndhB [complement(84307..85062)], ndhB [complement(85775..86551)], trnI-GAU [92001..92037], trnI-GAU [92753..92787], trnA-UGC [92853..92890], trnA-UGC [93701..93735], ndhA [complement(108973..109511)], ndhA [complement(110534..111083)], trnA-UGC [complement(118380..118414)], trnA-UGC [complement(119225..119262)], trnI-GAU [complement(119328..119362)], trnI-GAU [complement(120078..120114)], ndhB [125564..126340], ndhB [127053..127808], rpl2 [131179..131569], rpl2 [132233..132663]	trnK-UUU [complement(1431..3899)], rps16 [complement(4673..5513)], trnG-UCC [complement(12400..13079)], atpF [32631..33471], ycf3 [complement(41781..42511)], ycf3 [complement(42742..43498)], trnL-UAA [46021..46575], trnV-UAC [complement(50239..50836)], petB [69634..70427], petD [71260..71999], rpl16 [complement(76403..77491)], rpl2 [complement(79883..80545)], ndhB [complement(85063..85774)], trnI-GAU [92038..92752], trnA-UGC [92891..93700], ndhA [complement(109512..110533)], trnA-UGC [complement(118415..119224)], trnI-GAU [complement(119363..120077)], ndhB [126341..127052], rpl2 [131570..132232]
1293.	ENCU	28	rps12 [complement(74378..74491)], trnH-GUG	trnH-GUG [complement(160977..82)], trnK-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(160973..160976)], trnH-GUG [complement(83..160)], rps12 [146442..146467]	UUU [complement(1963..4485)], rps16 [complement(5357..6219)], trnG-UCC [9869..10598], atpF [complement(13176..13978)], rpoC1 [complement(24010..24727)], ycf3 [complement(46342..47138)], ycf3 [complement(47369..48098)], trnL-UAA [51167..51691], trnV-UAC [complement(55313..55905)], clpP [complement(74872..75517)], clpP [complement(75809..76662)], petB [79638..80452], petD [81312..82080], rpl16 [complement(86325..87349)], rpl2 [complement(89463..90158)], ndhB [complement(100472..101152)], trnI-GAU [107499..108457], trnA-UGC [108601..109409], ndhA [complement(125775..126867)], trnA-UGC [complement(139837..140639)], trnI-GAU [complement(140783..141741)], ndhB [148088..148768], rpl2 [159047..159716]
1294.	ENCY	73	rps12 [complement(101452..101477)], rps12 [complement(102014..102245)], rps12 [complement(73116..73241)], trnK [complement(1867..1901)], trnK [complement(4442..4478)], rps16 [complement(5358..5584)], rps16 [complement(6448..6487)], trnG [10217..10239], trnG [10967..11015], atpF [complement(13045..13454)], atpF [complement(14225..14375)], rpoC1 [complement(22544..24154)], rpoC1 [complement(24919..25350)], ycf3 [complement(45062..45214)], ycf3 [complement(46014..46241)], ycf3 [complement(46972..47097)], trnL [50386..50420], trnL [50947..50996], trnV [complement(54444..54480)], trnV [complement(55073..55111)], rps12 [complement(73116..73241)], rps12 [144483..144714], rps12 [145251..145276], clpP1 [complement(73393..73620)], clpP1	trnK [complement(1902..4441)], rps16 [complement(5585..6447)], trnG [10240..10966], atpF [complement(13455..14224)], rpoC1 [complement(24155..24918)], ycf3 [complement(45215..46013)], ycf3 [complement(46242..46971)], trnL [50421..50946], trnV [complement(54481..55072)], clpP1 [complement(73621..74268)], clpP1 [complement(74561..75412)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74269..74560)], clpP1 [complement(75413..75483)], petB [78368..78373], petB [79183..79824], petD [80034..80041], petD [80760..81237], rpl16 [complement(84731..85132)], rpl16 [complement(86053..86061)], rpl2 [complement(87732..88166)], rpl2 [complement(88828..89220)], ndhB [complement(98395..99150)], ndhB [complement(99832..100608)], trnI [106141..106182], trnI [107137..107171], trnA [107242..107279], trnA [108082..108116], ndhA [complement(124164..124703)], ndhA [complement(125881..126432)], trnA [complement(138612..138646)], trnA [complement(139449..139486)], trnI [complement(139557..139591)], trnI [complement(140546..140587)], ndhB [146120..146896], ndhB [147578..148333], rpl2 [157508..157900], rpl2 [158562..158996]	[78374..79182], petD [80042..80759], rpl16 [complement(85133..86052)], rpl2 [complement(88167..88827)], ndhB [complement(99151..99831)], trnI [106183..107136], trnA [107280..108081], ndhA [complement(124704..125880)], trnA [complement(138647..139448)], trnI [complement(139592..140545)], ndhB [146897..147577], rpl2 [157901..158561]
1295.	ENIM	62	rps12 [complement(92462..92490)], rps12 [complement(93031..93262)], rps12 [complement(69549..69662)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3898..3935)], rps16 [complement(4474..4691)], rps16 [complement(5544..5583)], trnG-UCC [complement(13497..13544)], trnG-UCC [complement(14228..14250)], atpF [35190..35348], atpF [36185..36592], ycf3 [complement(44395..44553)], ycf3 [complement(45287..45514)], ycf3 [complement(46274..46405)], trnL-UAA [49172..49206], trnL-UAA [49748..49797], trnV-UAC [complement(53412..53448)], trnV-UAC [complement(54051..54089)], petB [73403..73408], petB [74113..74760], petD [74954..74961], petD [75694..76168], rpl16 [complement(79729..80130)], rpl16 [complement(81211..81219)], rpl2 [complement(83179..83610)], rpl2 [complement(84274..84663)], ndhB [complement(89389..90144)], ndhB [complement(90857..91633)], trnI-GAU [97080..97121], trnI-GAU [98067..98101], trnA-UGC [98167..98204], trnA-UGC [99015..99049], ndhA [complement(114631..115170)], ndhA [complement(116207..116755)], trnA-UGC [complement(124143..124177)], trnA-UGC [complement(124988..125025)], trnI-GAU [complement(125091..125125)], trnI-GAU [complement(126071..126112)], ndhB [131559..132335], ndhB [133048..133803], rpl2 [138529..138918], rpl2 [139582..140013]	trnK-UUU [complement(1412..3897)], rps16 [complement(4692..5543)], trnG-UCC [complement(13545..14227)], atpF [35349..36184], ycf3 [complement(44554..45286)], ycf3 [complement(45515..46273)], trnL-UAA [49207..49747], trnV-UAC [complement(53449..54050)], petB [73409..74112], petD [74962..75693], rpl16 [complement(80131..81210)], rpl2 [complement(83611..84273)], ndhB [complement(90145..90856)], trnI-GAU [97122..98066], trnA-UGC [98205..99014], ndhA [complement(115171..116206)], trnA-UGC [complement(124178..124987)], trnI-GAU [complement(125126..126070)], ndhB [132336..133047], rpl2 [138919..139581]
1296.	ENLE	65	trnK-UUU [complement(1547..1581)], trnK-UUU [complement(4058..4094)],	trnK-UUU [complement(1582..4057)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps16 [complement(4847..5061)], rps16 [complement(5956..5995)], trnG-UCC [complement(10589..10611)], trnG-UCC [complement(11423..11470)], atpF [complement(13467..13876)], atpF [complement(14628..14772)], rpoC1 [complement(22142..23755)], rpoC1 [complement(24462..24923)], ycf3 [complement(44365..44520)], ycf3 [complement(45251..45478)], ycf3 [complement(46191..46319)], trnL-UAG [48874..48908], trnL-UAG [49395..49447], trnV-UAC [complement(56166..56200)], trnV-UAC [complement(56734..56772)], rps12 [152017..152042], clpP [complement(74407..74652)], clpP [complement(75222..75513)], clpP [complement(76285..76334)], petB [79337..79342], petB [80091..80732], petD [80923..80930], petD [81656..82154], rpl16 [complement(85575..85982)], rpl16 [complement(86905..86913)], rpl2 [complement(88444..88874)], rpl2 [complement(89579..89978)], ndhB [complement(101081..101842)], ndhB [complement(102570..103292)], trnI-GAU [108922..108958], trnI-GAU [109897..109931], trnA-UGC [110000..110037], trnA-UGC [110818..110852], ndhA [complement(127556..128103)], ndhA [complement(129100..129658)], trnA-UGC [complement(145367..145401)], trnA-UGC [complement(146182..146219)], trnI-GAU [complement(146288..146322)], trnI-GAU [complement(147261..147297)], ndhB [152927..153649], ndhB [154377..155138]</p>	<p>[complement(5062..5955)], trnG-UCC [complement(10612..11422)], atpF [complement(13877..14627)], rpoC1 [complement(23756..24461)], ycf3 [complement(44521..45250)], ycf3 [complement(45479..46190)], trnL-UAG [48909..49394], trnV-UAC [complement(56201..56733)], clpP [complement(74653..75221)], clpP [complement(75514..76284)], petB [79343..80090], petD [80931..81655], rpl16 [complement(85983..86904)], rpl2 [complement(88875..89578)], ndhB [complement(101843..102569)], trnI-GAU [108959..109896], trnA-UGC [110038..110817], ndhA [complement(128104..129099)], trnA-UGC [complement(145402..146181)], trnI-GAU [complement(146323..147260)], ndhB [153650..154376]</p>
1297.	ENOB	64	<p>rps12 [complement(87324..87352)], rps12 [complement(87893..88124)], rps12 [complement(65740..65853)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3918..3955)], rps16 [complement(4466..4683)], rps16 [complement(5501..5540)], trnG-UCC [complement(12277..12324)], trnG-UCC [complement(13004..13026)], atpF [32379..32537], atpF [33399..33806], ycf3 [complement(41557..41715)], ycf3 [complement(42448..42675)], ycf3 [complement(43433..43558)], trnL-UAA [45899..45933], trnL-UAA [46488..46537], trnV-UAC [complement(50119..50165)], trnV-UAC [complement(50752..50790)], rps12 [124149..124380], rps12 [124921..124949], petB [69593..69598], petB [70379..71026], petD [71209..71216], petD [71957..72431], rpl16 [complement(75958..76359)], rpl16 [complement(77449..77457)], rpl2 [complement(79408..79839)], rpl2</p>	<p>trnK-UUU [complement(1421..3917)], rps16 [complement(4684..5500)], trnG-UCC [complement(12325..13003)], atpF [32538..33398], ycf3 [complement(41716..42447)], ycf3 [complement(42676..43432)], trnL-UAA [45934..46487], trnV-UAC [complement(50166..50751)], petB [69599..70378], petD [71217..71956], rpl16 [complement(76360..77448)], rpl2 [complement(79840..80499)], ndhB [complement(85017..85728)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(80500..80892)], ndhB [complement(84260..85016)], ndhB [complement(85729..86504)], trnI-GAU [91954..91995], trnI-GAU [92706..92740], trnA-UGC [92806..92843], trnA-UGC [93654..93688], ndhA [complement(109117..109656)], ndhA [complement(110679..111227)], trnA-UGC [complement(118585..118619)], trnA-UGC [complement(119430..119467)], trnI-GAU [complement(119533..119567)], trnI-GAU [complement(120278..120319)], ndhB [125769..126544], ndhB [127257..128013], rpl2 [131381..131773], rpl2 [132434..132865]	[91996..92705], trnA-UGC [92844..93653], ndhA [complement(109657..110678)], trnA-UGC [complement(118620..119429)], trnI-GAU [complement(119568..120277)], ndhB [126545..127256], rpl2 [131774..132433]
1298.	ENRA	22	rps12 [140851..140876]	trnK-UUU [complement(1627..4134)], rps16 [complement(5101..5976)], trnG-UCC [8807..9516], atpF [complement(11951..12668)], rpoC1 [complement(22224..22977)], ycf3 [complement(43795..44562)], ycf3 [complement(44792..45503)], trnL-UAA [48534..49055], trnV-UAC [complement(52844..53440)], clpP [complement(72313..73144)], petB [76012..76846], petD [77698..78420], rpl16 [complement(82801..83744)], rpl2 [complement(85920..86578)], ndhB [complement(95925..96627)], trnI-GAU [102955..103877], trnA-UGC [104015..104820], ndhA [complement(120378..121466)], trnA-UGC [complement(134322..135127)], trnI-GAU [complement(135265..136187)], ndhB [142515..143217]
1299.	ENR M	64	rps12 [complement(87540..87568)], rps12 [complement(88109..88340)], rps12 [complement(67037..67150)], trnK-UUU [complement(1468..1502)], trnK-UUU [complement(3981..4017)], rps16 [complement(4584..4801)], rps16 [complement(5626..5665)], trnG-UCC [complement(13142..13189)], trnG-	trnK-UUU [complement(1503..3980)], rps16 [complement(4802..5625)], trnG-UCC [complement(13190..13863)], atpF [33417..34249], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13864..13886)], atpF [33272..33416], atpF [34250..34656], ycf3 [complement(42464..42622)], ycf3 [complement(43357..43586)], ycf3 [complement(44342..44465)], trnL-UAA [46896..46930], trnL-UAA [47484..47533], trnV-UAC [complement(51054..51088)], trnV-UAC [complement(51688..51725)], rps12 [124443..124674], rps12 [125215..125243], petB [70862..70867], petB [71667..72308], petD [72509..72516], petD [73257..73731], rpl16 [complement(77267..77668)], rpl16 [complement(78728..78736)], rpl2 [complement(80674..81104)], rpl2 [complement(81768..82158)], ndhB [complement(84467..85222)], ndhB [complement(85935..86711)], trnI-GAU [92194..92230], trnI-GAU [92946..92980], trnA-UGC [93046..93083], trnA-UGC [93894..93928], ndhA [complement(109404..109942)], ndhA [complement(110955..111504)], trnA-UGC [complement(118855..118889)], trnA-UGC [complement(119700..119737)], trnI-GAU [complement(119803..119837)], trnI-GAU [complement(120553..120589)], ndhB [126072..126848], ndhB [127561..128316], rpl2 [130625..131015], rpl2 [131679..132109]	[complement(42623..43356)], ycf3 [complement(43587..44341)], trnL-UAA [46931..47483], trnV-UAC [complement(51089..51687)], petB [70868..71666], petD [72517..73256], rpl16 [complement(77669..78727)], rpl2 [complement(81105..81767)], ndhB [complement(85223..85934)], trnI-GAU [92231..92945], trnA-UGC [93084..93893], ndhA [complement(109943..110954)], trnA-UGC [complement(118890..119699)], trnI-GAU [complement(119838..120552)], ndhB [126849..127560], rpl2 [131016..131678]
1300.	EPAC	73	rps12 [complement(101185..101210)], rps12 [complement(101747..101978)], rps12 [complement(71148..71261)], trnK-UUU [complement(1867..1901)], trnK-UUU [complement(4450..4486)], rps16 [complement(5958..6220)], rps16 [complement(7024..7063)], trnG-UCC [9214..9236], trnG-UCC [9935..9982], atpF [complement(11972..12381)], atpF [complement(13098..13242)], rpoC1 [complement(21288..22889)], rpoC1 [complement(23627..24058)], ycf3 [complement(43821..43973)], ycf3 [complement(44734..44963)], ycf3 [complement(45693..45816)], trnL-UAA [48961..48995], trnL-UAA [49421..49470], trnV-UAC [complement(54104..54138)], trnV-UAC [complement(54722..54760)], rps12 [complement(71148..71261)], rps12 [143696..143927], rps12 [144464..144489], clpP [complement(72448..72711)], clpP [complement(73367..73658)], clpP [complement(74584..74654)], petB [77564..77569], petB [78390..79031], petD [79251..79258], petD [80008..80503], rpl16 [complement(83898..84329)], rpl16 [complement(85484..85492)], rpl2 [complement(87288..87721)], rpl2 [complement(88394..88784)], ndhB [complement(98147..98905)], ndhB	trnK-UUU [complement(1902..4449)], rps16 [complement(6221..7023)], trnG-UCC [9237..9934], atpF [complement(12382..13097)], rpoC1 [complement(22890..23626)], ycf3 [complement(43974..44733)], ycf3 [complement(44964..45692)], trnL-UAA [48996..49420], trnV-UAC [complement(54139..54721)], clpP [complement(72712..73366)], clpP [complement(73659..74583)], petB [77570..78389], petD [79259..80007], rpl16 [complement(84330..85483)], rpl2 [complement(87722..88393)], ndhB [complement(98906..99605)], trnI-GAU [105441..106392], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(99606..100382)], trnI-GAU [105404..105440], trnI-GAU [106393..106427], trnA-UGC [106492..106529], trnA-UGC [107330..107364], ndhA [complement(123879..124417)], ndhA [complement(125433..125988)], trnA-UGC [complement(138310..138344)], trnA-UGC [complement(139145..139182)], trnI-GAU [complement(139247..139281)], trnI-GAU [complement(140234..140270)], ndhB [145292..146068], ndhB [146769..147527], rpl2 [156890..157280], rpl2 [157953..158386]	[106530..107329], ndhA [complement(124418..125432)], trnA-UGC [complement(138345..139144)], trnI-GAU [complement(139282..140233)], ndhB [146069..146768], rpl2 [157281..157952]
1301.	EPAL	73	rps12 [complement(101625..101650)], rps12 [complement(102192..102423)], rps12 [complement(71674..71787)], trnK-UUU [complement(1411..1439)], trnK-UUU [complement(4112..4148)], rps16 [complement(4693..4895)], rps16 [complement(5795..5834)], trnG-GCC [8920..8942], trnG-GCC [9629..9665], atpF [complement(11648..12058)], atpF [complement(12837..12980)], rpoC1 [complement(20346..21971)], rpoC1 [complement(22711..23145)], ycf3 [complement(43372..43524)], ycf3 [complement(44207..44434)], ycf3 [complement(45154..45279)], trnL-UAA [48282..48316], trnL-UAA [48955..49004], trnV-UAC [complement(52769..52805)], trnV-UAC [complement(53389..53427)], rps12 [complement(71674..71787)], rps12 [144578..144809], rps12 [145351..145376], clpP [complement(71920..72174)], clpP [complement(72848..73139)], clpP [complement(74271..74341)], petB [77966..77971], petB [78709..79350], petD [79531..79538], petD [80389..80902], rpl16 [complement(84430..84828)], rpl16 [complement(86008..86016)], rpl2 [complement(88027..88458)], rpl2 [complement(89125..89511)], ndhB [complement(98642..99397)], ndhB [complement(100102..100878)], trnI-GAU [106375..106416], trnI-GAU [107361..107395], trnA-UGC [107460..107497], trnA-UGC [108299..108333], ndhA [120444..120995], ndhA [122104..122643], trnA-UGC [complement(138668..138702)], trnA-UGC [complement(139504..139541)], trnI-GAU [complement(139606..139640)], trnI-GAU [complement(140585..140626)], ndhB [146123..146899], ndhB [147604..148359], rpl2 [157490..157876], rpl2 [158543..158974]	trnK-UUU [complement(1440..4111)], rps16 [complement(4896..5794)], trnG-GCC [8943..9628], atpF [complement(12059..12836)], rpoC1 [complement(21972..22710)], ycf3 [complement(43525..44206)], ycf3 [complement(44435..45153)], trnL-UAA [48317..48954], trnV-UAC [complement(52806..53388)], clpP [complement(72175..72847)], clpP [complement(73140..74270)], petB [77972..78708], petD [79539..80388], rpl16 [complement(84829..86007)], rpl2 [complement(88459..89124)], ndhB [complement(99398..100101)], trnI-GAU [106417..107360], trnA-UGC [107498..108298], ndhA [120996..122103], trnA-UGC [complement(138703..139503)], trnI-GAU [complement(139641..140584)], ndhB [146900..147603], rpl2 [157877..158542]
1302.	EPAP	7	rps12 [2556..2669], rps12 [24632..24865], rps12 [complement(13816..14049)]	clpP [1433..1962], rpl16 [complement(8069..8980)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(10878..11550)], rpl2 [27131..27803]
1303.	EPAT	73	rps12 [complement(101624..101649)], rps12 [complement(102191..102422)], rps12 [complement(71697..71810)], trnK-UUU [complement(1411..1439)], trnK-UUU [complement(4109..4145)], rps16 [complement(4692..4894)], rps16 [complement(5794..5833)], trnG-GCC [8915..8937], trnG-GCC [9626..9662], atpF [complement(11644..12054)], atpF [complement(12833..12976)], rpoC1 [complement(20342..21967)], rpoC1 [complement(22705..23139)], ycf3 [complement(43387..43539)], ycf3 [complement(44222..44449)], ycf3 [complement(45169..45294)], trnL-UAA [48278..48312], trnL-UAA [48941..48990], trnV-UAC [complement(52742..52778)], trnV-UAC [complement(53362..53400)], rps12 [complement(71697..71810)], rps12 [144606..144837], rps12 [145379..145404], clpP [complement(71943..72197)], clpP [complement(72867..73158)], clpP [complement(74284..74354)], petB [77963..77968], petB [78706..79347], petD [79528..79535], petD [80386..80899], rpl16 [complement(84426..84824)], rpl16 [complement(86006..86014)], rpl2 [complement(88027..88458)], rpl2 [complement(89124..89510)], ndhB [complement(98641..99396)], ndhB [complement(100101..100877)], trnI-GAU [106378..106419], trnI-GAU [107364..107398], trnA-UGC [107463..107500], trnA-UGC [108302..108336], ndhA [120445..120996], ndhA [122105..122644], trnA-UGC [complement(138692..138726)], trnA-UGC [complement(139528..139565)], trnI-GAU [complement(139630..139664)], trnI-GAU [complement(140609..140650)], ndhB [146151..146927], ndhB [147632..148387], rpl2 [157518..157904], rpl2 [158570..159001]	trnK-UUU [complement(1440..4108)], rps16 [complement(4895..5793)], trnG-GCC [8938..9625], atpF [complement(12055..12832)], rpoC1 [complement(21968..22704)], ycf3 [complement(43540..44221)], ycf3 [complement(44450..45168)], trnL-UAA [48313..48940], trnV-UAC [complement(52779..53361)], clpP [complement(72198..72866)], clpP [complement(73159..74283)], petB [77969..78705], petD [79536..80385], rpl16 [complement(84825..86005)], rpl2 [complement(88459..89123)], ndhB [complement(99397..100100)], trnI-GAU [106420..107363], trnA-UGC [107501..108301], ndhA [120997..122104], trnA-UGC [complement(138727..139527)], trnI-GAU [complement(139665..140608)], ndhB [146928..147631], rpl2 [157905..158569]
1304.	EPAU	79	rps12 [complement(104045..104085)], rps12 [complement(104632..104860)], rps12 [complement(74616..74729)], trnK-UUU [complement(2097..2138)], trnK-UUU [complement(4691..4727)], rps16 [complement(5486..5682)], rps16 [complement(6675..6714)], trnG-UCC [11040..11063], trnG-UCC [11779..11826], atpF [complement(13729..14129)], atpF [complement(14953..15097)], rpoC1 [complement(22989..24617)], rpoC1 [complement(25355..25813)], ycf3 [complement(45627..45779)], ycf3	trnK-UUU [complement(2139..4690)], rps16 [complement(5683..6674)], trnG-UCC [11064..11778], atpF [complement(14130..14952)], rpoC1 [complement(24618..25354)], ycf3 [complement(45780..46574)], ycf3 [complement(46805..47545)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(46575..46804)], ycf3 [complement(47546..47669)], trnL-UAA [51375..51411], trnL-UAA [51917..51966], trnV-UAC [complement(55749..55784)], trnV-UAC [complement(56382..56420)], rps12 [complement(74616..74729)], rps12 [148723..148951], rps12 [149498..149538], clpP [complement(74856..75195)], clpP [complement(75676..75723)], clpP [complement(76225..76313)], petB [79874..79879], petB [79936..80577], petD [80783..80790], petD [81524..81998], rpl16 [complement(85540..85938)], rpl16 [complement(87024..87032)], rpl2 [complement(89092..89525)], rpl2 [complement(90218..90608)], ndhB [complement(100995..101753)], ndhB [complement(102449..103225)], trnI-GAU [108846..108887], trnI-GAU [109837..109871], ycf68 [108987..109028], ycf68 [109060..109362], trnA-UGC [109936..109973], trnA-UGC [110773..110807], ndhA [complement(127109..127647)], ndhA [complement(128725..129277)], trnA-UGC [complement(142776..142810)], trnA-UGC [complement(143610..143647)], trnI-GAU [complement(143712..143746)], trnI-GAU [complement(144696..144737)], ycf68 [complement(144221..144523)], ycf68 [complement(144555..144596)], ndhB [150358..151134], ndhB [151830..152588], rpl2 [162975..163365], rpl2 [164058..164491]</p>	<p>[51412..51916], trnV-UAC [complement(55785..56381)], clpP [complement(75196..75675)], clpP [complement(75724..76224)], petB [79880..79935], petD [80791..81523], rpl16 [complement(85939..87023)], rpl2 [complement(89526..90217)], ndhB [complement(101754..102448)], trnI-GAU [108888..109836], ycf68 [109029..109059], trnA-UGC [109974..110772], ndhA [complement(127648..128724)], trnA-UGC [complement(142811..143609)], trnI-GAU [complement(143747..144695)], ycf68 [complement(144524..144554)], ndhB [151135..151829], rpl2 [163366..164057]</p>
1305.	EPBO	64	<p>rps12 [complement(101280..101305)], rps12 [complement(101842..102073)], rps12 [complement(71186..71299)], trnK-UUU [complement(1859..1893)], trnK-UUU [complement(4437..4473)], rps16 [complement(5927..6189)], rps16 [complement(6992..7031)], trnG-UCC [9166..9188], trnG-UCC [9887..9934], atpF [complement(11916..12325)], atpF [complement(13042..13186)], rpoC1 [complement(21236..22837)], rpoC1 [complement(23574..24005)], ycf3 [complement(43759..43911)], ycf3 [complement(44672..44901)], ycf3 [complement(45633..45756)], trnL-UAA [48899..48933], trnL-UAA [49359..49408], trnV-UAC [complement(54070..54104)], trnV-UAC [complement(54688..54726)], rps12 [complement(71186..71299)], rps12 [143811..144042], rps12 [144579..144604], clpP [complement(72484..72747)], clpP [complement(73406..73697)], clpP [complement(74623..74693)], petB</p>	<p>trnK-UUU [complement(1894..4436)], rps16 [complement(6190..6991)], trnG-UCC [9189..9886], atpF [complement(12326..13041)], rpoC1 [complement(22838..23573)], ycf3 [complement(43912..44671)], ycf3 [complement(44902..45632)], trnL-UAA [48934..49358], trnV-UAC [complement(54105..54687)], clpP [complement(72748..73405)], clpP [complement(73698..74622)], petB [77609..78428], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77603..77608], petB [78429..79070], rpl2 [complement(87332..87765)], rpl2 [complement(88438..88828)], ndhB [complement(98242..99000)], ndhB [complement(99701..100477)], trnI-GAU [105508..105524], trnI-GAU [106498..106532], trnA-UGC [106597..106633], trnA-UGC [106674..106701], ndhA [complement(123985..124523)], ndhA [complement(125536..126094)], trnA-UGC [complement(139183..139212)], trnA-UGC [complement(139249..139287)], trnI-GAU [complement(139352..139386)], trnI-GAU [complement(140340..140376)], ndhB [145407..146183], ndhB [146884..147642]	[complement(87766..88437)], ndhB [complement(99001..99700)], trnI-GAU [105525..106497], trnA-UGC [106634..106673], ndhA [complement(124524..125535)], trnA-UGC [complement(139213..139248)], trnI-GAU [complement(139387..140339)], ndhB [146184..146883]
1306.	EPCH	70	rps12 [complement(101247..101272)], rps12 [complement(101809..102040)], rps12 [complement(71218..71331)], trnK-UUU [complement(1860..1894)], trnK-UUU [complement(4445..4481)], rps16 [complement(5938..6200)], rps16 [complement(7005..7044)], trnG-UCC [9187..9209], trnG-UCC [9908..9955], atpF [complement(11947..12356)], atpF [complement(13074..13218)], rpoC1 [complement(21264..22865)], rpoC1 [complement(23602..24033)], ycf3 [complement(43775..43927)], ycf3 [complement(44688..44917)], ycf3 [complement(45648..45771)], trnL-UAA [48914..48948], trnL-UAA [49374..49423], trnV-UAC [complement(54084..54118)], trnV-UAC [complement(54702..54740)], rps12 [complement(71218..71331)], rps12 [142838..143069], rps12 [143606..143631], clpP [complement(72518..72781)], clpP [complement(73436..73727)], clpP [complement(74652..74722)], petB [77632..77637], petB [78457..79098], rpl16 [complement(83959..84390)], rpl16 [complement(85549..85557)], rpl2 [complement(87353..87786)], rpl2 [complement(88459..88480)], ndhB [complement(98200..98958)], ndhB [complement(99659..100435)], trnI-GAU [105466..105502], trnI-GAU [106456..106490], trnA-UGC [106555..106591], trnA-UGC [106632..106659], ndhA [complement(123064..123602)], ndhA [complement(124619..125174)], trnA-UGC [complement(138219..138248)], trnA-UGC [complement(138285..138323)], trnI-GAU [complement(138388..138422)], trnI-GAU [complement(139376..139412)], ndhB [144443..145219], ndhB [145920..146678], rpl2 [156029..156419], rpl2 [157092..157525]	trnK-UUU [complement(1895..4444)], rps16 [complement(6201..7004)], trnG-UCC [9210..9907], atpF [complement(12357..13073)], rpoC1 [complement(22866..23601)], ycf3 [complement(43928..44687)], ycf3 [complement(44918..45647)], trnL-UAA [48949..49373], trnV-UAC [complement(54119..54701)], clpP [complement(72782..73435)], clpP [complement(73728..74651)], petB [77638..78456], rpl16 [complement(84391..85548)], rpl2 [complement(87787..88458)], ndhB [complement(98959..99658)], trnI-GAU [105503..106455], trnA-UGC [106592..106631], ndhA [complement(123603..124618)], trnA-UGC [complement(138249..138284)], trnI-GAU [complement(138423..139375)], ndhB [145220..145919], rpl2 [156420..157091]
1307.	EPDO	70	rps12 [complement(101066..101091)], rps12 [complement(101628..101859)],	trnK-UUU [complement(1902..4450)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(71169..71282)], trnK-UUU [complement(1867..1901)], trnK-UUU [complement(4451..4487)], rps16 [complement(5939..6201)], rps16 [complement(6997..7036)], trnG-UCC [9179..9201], trnG-UCC [9900..9947], atpF [complement(11938..12347)], atpF [complement(13062..13206)], rpoC1 [complement(21261..22862)], rpoC1 [complement(23599..24030)], ycf3 [complement(43758..43910)], ycf3 [complement(44671..44900)], ycf3 [complement(45628..45751)], trnL-UAA [48895..48929], trnL-UAA [49355..49404], trnV-UAC [complement(54045..54079)], trnV-UAC [complement(54663..54701)], rps12 [complement(71169..71282)], rps12 [143575..143806], rps12 [144343..144368], clpP [complement(72343..72606)], clpP [complement(73262..73553)], clpP [complement(74478..74548)], petB [77458..77463], petB [78284..78925], petD [79145..79152], petD [79902..80397], rpl16 [complement(83731..84162)], rpl16 [complement(85321..85329)], rpl2 [complement(87124..87557)], rpl2 [complement(88230..88620)], ndhB [complement(98028..98786)], ndhB [complement(99487..100263)], trnI-GAU [105285..105321], trnI-GAU [106275..106309], trnA-UGC [106374..106411], trnA-UGC [107212..107246], ndhA [complement(123746..124284)], ndhA [complement(125305..125860)], trnA-UGC [complement(138188..138222)], trnA-UGC [complement(139023..139060)], trnI-GAU [complement(139125..139159)], trnI-GAU [complement(140113..140149)], ndhB [145171..145947], ndhB [146648..147406]</p>	<p>[complement(6202..6996)], trnG-UCC [9202..9899], atpF [complement(12348..13061)], rpoC1 [complement(22863..23598)], ycf3 [complement(43911..44670)], ycf3 [complement(44901..45627)], trnL-UAA [48930..49354], trnV-UAC [complement(54080..54662)], clpP [complement(72607..73261)], clpP [complement(73554..74477)], petB [77464..78283], petD [79153..79901], rpl16 [complement(84163..85320)], rpl2 [complement(87558..88229)], ndhB [complement(98787..99486)], trnI-GAU [105322..106274], trnA-UGC [106412..107211], ndhA [complement(124285..125304)], trnA-UGC [complement(138223..139022)], trnI-GAU [complement(139160..140112)], ndhB [145948..146647]</p>
1308.	EPEQ	16	<p>rps12 [101278..101310], rps12 [complement(68851..68882)]</p>	<p>trnK [complement(1244..3540)], ycf3 [complement(14345..15002)], ycf3 [complement(15231..15844)], rpoC1 [21653..22232], atpF [30056..30638], trnL [35085..35374], petB [51211..51726], petD [52514..53036], rpl16 [complement(56758..57359)], rpl2 [complement(59351..59848)], trnI [72320..73079], trnA [73203..73960], trnA [complement(96201..96958)], trnI</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(97082..97841)]
1309.	EPFO	18	rps12 [complement(68966..68997)], rps12 [complement(69471..69702)], rps12 [100664..100891], rps12 [101368..101400]	trnK-UUU [complement(1244..3536)], ycf3 [complement(14364..15016)], ycf3 [complement(15245..15879)], rpoC1 [21721..22300], atpF [30089..30677], trnL-UAA [35115..35403], petB [51325..51841], petD [52629..53151], rpl16 [complement(56886..57488)], rpl2 [complement(59480..59975)], trnI-GAU [72444..73197], trnA-UGC [73321..74081], trnA-UGC [complement(96285..97045)], trnI-GAU [complement(97169..97922)]
1310.	EPCI	73	rps12 [complement(101522..101547)], rps12 [complement(102089..102320)], rps12 [complement(71596..71709)], trnK-UUU [complement(1415..1443)], trnK-UUU [complement(4138..4174)], rps16 [complement(4881..5116)], rps16 [complement(6020..6059)], trnG-GCC [9125..9147], trnG-GCC [9837..9873], atpF [complement(11833..12243)], atpF [complement(13025..13168)], rpoC1 [complement(20541..22166)], rpoC1 [complement(22914..23348)], ycf3 [complement(43536..43688)], ycf3 [complement(44370..44597)], ycf3 [complement(45320..45445)], trnL-UAA [48429..48463], trnL-UAA [49080..49129], trnV-UAC [complement(52780..52816)], trnV-UAC [complement(53400..53438)], rps12 [complement(71596..71709)], rps12 [143759..143990], rps12 [144532..144557], clpP [complement(71842..72096)], clpP [complement(72740..73031)], clpP [complement(74149..74219)], petB [77783..77788], petB [78526..79167], petD [79348..79355], petD [80206..80704], rpl16 [complement(84268..84666)], rpl16 [complement(85870..85878)], rpl2 [complement(87866..88297)], rpl2 [complement(88962..89348)], ndhB [complement(98539..99294)], ndhB [complement(99999..100775)], trnI-GAU [106024..106065], trnI-GAU [107011..107045], trnA-UGC [107106..107143], trnA-UGC [107945..107979], ndhA [120024..120575], ndhA [121697..122236], trnA-UGC [complement(138100..138134)], trnA-UGC [complement(138936..138973)],	trnK-UUU [complement(1444..4137)], rps16 [complement(5117..6019)], trnG-GCC [9148..9836], atpF [complement(12244..13024)], rpoC1 [complement(22167..22913)], ycf3 [complement(43689..44369)], ycf3 [complement(44598..45319)], trnL-UAA [48464..49079], trnV-UAC [complement(52817..53399)], clpP [complement(72097..72739)], clpP [complement(73032..74148)], petB [77789..78525], petD [79356..80205], rpl16 [complement(84667..85869)], rpl2 [complement(88298..88961)], ndhB [complement(99295..99998)], trnI-GAU [106066..107010], trnA-UGC [107144..107944], ndhA [120576..121696], trnA-UGC [complement(138135..138935)], trnI-GAU [complement(139069..140013)], ndhB [146081..146784], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139034..139068)], trnI-GAU [complement(140014..140055)], ndhB [145304..146080], ndhB [146785..147540], rpl2 [156731..157117], rpl2 [157782..158213]	[157118..157781]
1311.	EPHE	73	rps12 [complement(101690..101715)], rps12 [complement(102257..102488)], rps12 [complement(71739..71852)], trnK-UUU [complement(1418..1446)], trnK-UUU [complement(4118..4154)], rps16 [complement(4700..4902)], rps16 [complement(5802..5841)], trnG-GCC [8942..8964], trnG-GCC [9651..9687], atpF [complement(11671..12081)], atpF [complement(12860..13003)], rpoC1 [complement(20370..21995)], rpoC1 [complement(22735..23169)], ycf3 [complement(43417..43569)], ycf3 [complement(44252..44479)], ycf3 [complement(45199..45324)], trnL-UAA [48321..48355], trnL-UAA [48994..49043], trnV-UAC [complement(52820..52856)], trnV-UAC [complement(53440..53478)], rps12 [complement(71739..71852)], rps12 [144648..144879], rps12 [145421..145446], clpP [complement(71985..72239)], clpP [complement(72911..73202)], clpP [complement(74332..74402)], petB [78032..78037], petB [78775..79416], petD [79597..79604], petD [80455..80968], rpl16 [complement(84494..84892)], rpl16 [complement(86083..86091)], rpl2 [complement(88103..88534)], rpl2 [complement(89200..89586)], ndhB [complement(98707..99462)], ndhB [complement(100167..100943)], trnI-GAU [106440..106481], trnI-GAU [107427..107461], trnA-UGC [107526..107563], trnA-UGC [108365..108399], ndhA [120509..121060], ndhA [122170..122709], trnA-UGC [complement(138737..138771)], trnA-UGC [complement(139573..139610)], trnI-GAU [complement(139675..139709)], trnI-GAU [complement(140655..140696)], ndhB [146193..146969], ndhB [147674..148429], rpl2 [157550..157936], rpl2 [158602..159033]	trnK-UUU [complement(1447..4117)], rps16 [complement(4903..5801)], trnG-GCC [8965..9650], atpF [complement(12082..12859)], rpoC1 [complement(21996..22734)], ycf3 [complement(43570..44251)], ycf3 [complement(44480..45198)], trnL-UAA [48356..48993], trnV-UAC [complement(52857..53439)], clpP [complement(72240..72910)], clpP [complement(73203..74331)], petB [78038..78774], petD [79605..80454], rpl16 [complement(84893..86082)], rpl2 [complement(88535..89199)], ndhB [complement(99463..100166)], trnI-GAU [106482..107426], trnA-UGC [107564..108364], ndhA [121061..122169], trnA-UGC [complement(138772..139572)], trnI-GAU [complement(139710..140654)], ndhB [146970..147673], rpl2 [157937..158601]
1312.	EPIL	70	rps12 [complement(100905..100930)], rps12 [complement(101467..101698)], rps12 [complement(71137..71250)], trnK-UUU [complement(1859..1893)], trnK-UUU [complement(4444..4480)], rps16 [complement(5933..6195)], rps16 [complement(6999..7038)], trnG-UCC [9176..9198], trnG-UCC [9897..9944], atpF [complement(11934..12343)], atpF [complement(13060..13204)], rpoC1 [complement(21250..22851)], rpoC1 [complement(23590..24021)], ycf3	trnK-UUU [complement(1894..4443)], rps16 [complement(6196..6998)], trnG-UCC [9199..9896], atpF [complement(12344..13059)], rpoC1 [complement(22852..23589)], ycf3 [complement(43920..44683)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43767..43919)], ycf3 [complement(44684..44913)], ycf3 [complement(45643..45766)], trnL-UAA [48909..48943], trnL-UAA [49369..49418], trnV-UAC [complement(54039..54073)], trnV-UAC [complement(54656..54694)], rps12 [complement(71137..71250)], rps12 [143374..143605], rps12 [144142..144167], clpP [complement(72398..72659)], clpP [complement(73317..73610)], clpP [complement(74536..74606)], petB [77516..77521], petB [78343..78984], petD [79204..79211], petD [79961..80456], rpl16 [complement(83851..84282)], rpl16 [complement(85142..85150)], rpl2 [complement(86946..87379)], rpl2 [complement(88052..88442)], ndhB [complement(97861..98621)], ndhB [complement(99328..100102)], trnI-GAU [105124..105160], trnI-GAU [106114..106148], trnA-UGC [106213..106250], trnA-UGC [107051..107085], ndhA [complement(123557..124095)], ndhA [complement(125111..125666)], trnA-UGC [complement(137987..138022)], trnA-UGC [complement(138822..138859)], trnI-GAU [complement(138924..138958)], trnI-GAU [complement(139912..139948)], ndhB [144970..145744], ndhB [146451..147211]	[complement(44914..45642)], trnL-UAA [48944..49368], trnV-UAC [complement(54074..54655)], clpP [complement(72660..73316)], clpP [complement(73611..74535)], petB [77522..78342], petD [79212..79960], rpl16 [complement(84283..85141)], rpl2 [complement(87380..88051)], ndhB [complement(98622..99327)], trnI-GAU [105161..106113], trnA-UGC [106251..107050], ndhA [complement(124096..125110)], trnA-UGC [complement(138023..138821)], trnI-GAU [complement(138959..139911)], ndhB [145745..146450]
1313.	EPIN	18	psbA [complement(109315..109667)], psbA [complement(1..709)], rps12 [101078..101109]	psbA [complement(109668..0)], trnK-UUU [complement(891..3187)], ycf3 [complement(14013..14669)], ycf3 [complement(14898..15529)], rpoC1 [21327..21905], atpF [29723..30306], trnL-UAA [34766..35055], petB [50899..51414], petD [52203..52726], rpl16 [complement(56439..57040)], rpl2 [complement(59032..59523)], trnI-GAU [71968..72723], trnA-UGC [72847..73603], trnA-UGC [complement(96001..96757)], trnI-GAU [complement(96881..97636)]
1314.	EPKO	70	rps12 [complement(101748..101773)], rps12 [complement(102310..102541)], rps12 [complement(71546..71659)], trnK-UUU [complement(1888..1922)], trnK-UUU [complement(4454..4490)], rps16 [complement(5805..6208)], rps16	trnK-UUU [complement(1923..4453)], rps16 [complement(6209..7011)], trnG-UCC [9313..10010], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(7012..7051)], trnG-UCC [9290..9312], trnG-UCC [10011..10058], atpF [complement(12037..12446)], atpF [complement(13165..13309)], rpoC1 [complement(21359..22960)], rpoC1 [complement(23698..24129)], ycf3 [complement(44138..44290)], ycf3 [complement(45057..45286)], ycf3 [complement(46021..46144)], trnL-UAA [49295..49329], trnL-UAA [49755..49804], trnV-UAC [complement(54437..54471)], trnV-UAC [complement(55061..55099)], rps12 [complement(71546..71659)], rps12 [144238..144469], rps12 [145006..145031], clpP [complement(72903..73166)], clpP [complement(73826..74117)], clpP [complement(75040..75110)], petB [78012..78017], petB [78838..79479], petD [79699..79706], petD [80456..80951], rpl16 [complement(84387..84818)], rpl16 [complement(85994..86002)], rpl2 [complement(87787..88220)], rpl2 [complement(88893..89283)], ndhB [complement(98710..99468)], ndhB [complement(100169..100945)], trnI-GAU [105967..106003], trnI-GAU [106957..106991], trnA-UGC [107056..107093], trnA-UGC [107894..107928], ndhA [complement(124405..124943)], ndhA [complement(125935..126490)], trnA-UGC [complement(138851..138885)], trnA-UGC [complement(139686..139723)], trnI-GAU [complement(139788..139822)], trnI-GAU [complement(140776..140812)], ndhB [145834..146610], ndhB [147311..148069]	[complement(12447..13164)], rpoC1 [complement(22961..23697)], ycf3 [complement(44291..45056)], ycf3 [complement(45287..46020)], trnL-UAA [49330..49754], trnV-UAC [complement(54472..55060)], clpP [complement(73167..73825)], clpP [complement(74118..75039)], petB [78018..78837], petD [79707..80455], rpl16 [complement(84819..85993)], rpl2 [complement(88221..88892)], ndhB [complement(99469..100168)], trnI-GAU [106004..106956], trnA-UGC [107094..107893], ndhA [complement(124944..125934)], trnA-UGC [complement(138886..139685)], trnI-GAU [complement(139823..140775)], ndhB [146611..147310]
1315.	EPLI	70	rps12 [complement(101104..101129)], rps12 [complement(101666..101897)], rps12 [complement(71130..71243)], trnK-UUU [complement(1867..1901)], trnK-UUU [complement(4433..4469)], rps16 [complement(5922..6184)], rps16 [complement(6989..7028)], trnG-UCC [9156..9178], trnG-UCC [9877..9924], atpF [complement(11919..12328)], atpF [complement(13044..13188)], rpoC1 [complement(21232..22833)], rpoC1 [complement(23571..24002)], ycf3 [complement(43726..43878)], ycf3 [complement(44641..44870)], ycf3 [complement(45601..45724)], trnL-UAA [48867..48901], trnL-UAA [49327..49376], trnV-UAC [complement(54013..54047)], trnV-UAC [complement(54630..54668)], rps12 [complement(71130..71243)], rps12 [144216..144447], rps12 [144984..145009], clpP [complement(72316..72579)],	trnK-UUU [complement(1902..4432)], rps16 [complement(6185..6988)], trnG-UCC [9179..9876], atpF [complement(12329..13043)], rpoC1 [complement(22834..23570)], ycf3 [complement(43879..44640)], ycf3 [complement(44871..45600)], trnL-UAA [48902..49326], trnV-UAC [complement(54048..54629)], clpP [complement(72580..73237)], clpP [complement(73530..74453)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(73238..73529)], clpP [complement(74454..74524)], petB [77428..77433], petB [78255..78896], petD [79116..79123], petD [79873..80368], rpl16 [complement(83762..84193)], rpl16 [complement(85346..85354)], rpl2 [complement(87150..87583)], rpl2 [complement(88256..88646)], ndhB [complement(98060..98818)], ndhB [complement(99519..100295)], trnI-GAU [105323..105359], trnI-GAU [106313..106347], trnA-UGC [106412..106449], trnA-UGC [107250..107284], ndhA [complement(124398..124936)], ndhA [complement(125945..126500)], trnA-UGC [complement(138829..138863)], trnA-UGC [complement(139664..139701)], trnI-GAU [complement(139766..139800)], trnI-GAU [complement(140754..140790)], ndhB [145818..146594], ndhB [147295..148053]</p>	<p>[77434..78254], petD [79124..79872], rpl16 [complement(84194..85345)], rpl2 [complement(87584..88255)], ndhB [complement(98819..99518)], trnI-GAU [105360..106312], trnA-UGC [106450..107249], ndhA [complement(124937..125944)], trnA-UGC [complement(138864..139663)], trnI-GAU [complement(139801..140753)], ndhB [146595..147294]</p>
1316.	EPMA	73	<p>rps12 [complement(100810..100835)], rps12 [complement(101377..101608)], rps12 [complement(70759..70872)], trnK-UUU [complement(1415..1443)], trnK-UUU [complement(4085..4121)], rps16 [complement(4834..5069)], rps16 [complement(5965..6004)], trnG-GCC [9101..9123], trnG-GCC [9813..9849], atpF [complement(11835..12242)], atpF [complement(13021..13164)], rpoC1 [complement(20465..22081)], rpoC1 [complement(22829..23263)], ycf3 [complement(42484..42636)], ycf3 [complement(43318..43545)], ycf3 [complement(44274..44399)], trnL-UAA [47372..47406], trnL-UAA [48024..48073], trnV-UAC [complement(51724..51760)], trnV-UAC [complement(52344..52382)], rps12 [complement(70759..70872)], rps12 [143789..144020], rps12 [144562..144587], clpP [complement(71005..71259)], clpP [complement(71936..72227)], clpP [complement(73364..73434)], petB [77074..77079], petB [77817..78458], petD [78639..78646], petD [79492..80005], rpl16 [complement(83546..83944)], rpl16 [complement(85146..85154)], rpl2 [complement(87167..87598)], rpl2 [complement(88262..88648)], ndhB [complement(97827..98582)], ndhB [complement(99287..100063)], trnI-GAU [105585..105626], trnI-GAU [106563..106597], trnA-UGC [106662..106699], trnA-UGC [107501..107535], ndhA [119614..120165], ndhA [121275..121814], trnA-UGC [complement(137862..137896)], trnA-UGC [complement(138698..138735)],</p>	<p>trnK-UUU [complement(1444..4084)], rps16 [complement(5070..5964)], trnG-GCC [9124..9812], atpF [complement(12243..13020)], rpoC1 [complement(22082..22828)], ycf3 [complement(42637..43317)], ycf3 [complement(43546..44273)], trnL-UAA [47407..48023], trnV-UAC [complement(51761..52343)], clpP [complement(71260..71935)], clpP [complement(72228..73363)], petB [77080..77816], petD [78647..79491], rpl16 [complement(83945..85145)], rpl2 [complement(87599..88261)], ndhB [complement(98583..99286)], trnI-GAU [105627..106562], trnA-UGC [106700..107500], ndhA [120166..121274], trnA-UGC [complement(137897..138697)], trnI-GAU [complement(138835..139770)], ndhB [146111..146814], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138800..138834)], trnI-GAU [complement(139771..139812)], ndhB [145334..146110], ndhB [146815..147570], rpl2 [156749..157135], rpl2 [157799..158230]	[157136..157798]
1317.	EPMI	73	rps12 [complement(101093..101118)], rps12 [complement(101660..101891)], rps12 [complement(71323..71436)], trnK-UUU [complement(1410..1438)], trnK-UUU [complement(4106..4142)], rps16 [complement(4695..4897)], rps16 [complement(5797..5836)], trnG-GCC [8922..8944], trnG-GCC [9630..9666], atpF [complement(11631..12041)], atpF [complement(12820..12963)], rpoC1 [complement(20331..21956)], rpoC1 [complement(22697..23131)], ycf3 [complement(43065..43217)], ycf3 [complement(43900..44127)], ycf3 [complement(44847..44972)], trnL-UAA [47955..47989], trnL-UAA [48620..48669], trnV-UAC [complement(52421..52457)], trnV-UAC [complement(53041..53079)], rps12 [complement(71323..71436)], rps12 [144052..144283], rps12 [144825..144850], clpP [complement(71569..71823)], clpP [complement(72494..72785)], clpP [complement(73914..73984)], petB [77433..77438], petB [78176..78817], petD [78998..79005], petD [79856..80369], rpl16 [complement(83898..84296)], rpl16 [complement(85478..85486)], rpl2 [complement(87496..87927)], rpl2 [complement(88593..88979)], ndhB [complement(98110..98865)], ndhB [complement(99570..100346)], trnI-GAU [105844..105885], trnI-GAU [106831..106865], trnA-UGC [106930..106967], trnA-UGC [107769..107803], ndhA [119912..120463], ndhA [121574..122113], trnA-UGC [complement(138140..138174)], trnA-UGC [complement(138976..139013)], trnI-GAU [complement(139078..139112)], trnI-GAU [complement(140058..140099)], ndhB [145597..146373], ndhB [147078..147833], rpl2 [156964..157350], rpl2 [158016..158447]	trnK-UUU [complement(1439..4105)], rps16 [complement(4898..5796)], trnG-GCC [8945..9629], atpF [complement(12042..12819)], rpoC1 [complement(21957..22696)], ycf3 [complement(43218..43899)], ycf3 [complement(44128..44846)], trnL-UAA [47990..48619], trnV-UAC [complement(52458..53040)], clpP [complement(71824..72493)], clpP [complement(72786..73913)], petB [77439..78175], petD [79006..79855], rpl16 [complement(84297..85477)], rpl2 [complement(87928..88592)], ndhB [complement(98866..99569)], trnI-GAU [105886..106830], trnA-UGC [106968..107768], ndhA [120464..121573], trnA-UGC [complement(138175..138975)], trnI-GAU [complement(139113..140057)], ndhB [146374..147077], rpl2 [157351..158015]
1318.	EPMK	70	rps12 [complement(101023..101048)], rps12 [complement(101585..101816)], rps12 [complement(71102..71215)], trnK-UUU [complement(1853..1887)], trnK-UUU [complement(4436..4472)], rps16 [complement(5943..6205)], rps16 [complement(7018..7057)], trnG-UCC [9200..9222], trnG-UCC [9921..9968], atpF [complement(11958..12367)], atpF [complement(13082..13226)], rpoC1 [complement(21274..22875)], rpoC1 [complement(23612..24043)], ycf3	trnK-UUU [complement(1888..4435)], rps16 [complement(6206..7017)], trnG-UCC [9223..9920], atpF [complement(12368..13081)], rpoC1 [complement(22876..23611)], ycf3 [complement(43872..44631)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43719..43871)], ycf3 [complement(44632..44861)], ycf3 [complement(45591..45714)], trnL-UAA [48857..48891], trnL-UAA [49317..49366], trnV-UAC [complement(53998..54032)], trnV-UAC [complement(54615..54653)], rps12 [complement(71102..71215)], rps12 [143528..143759], rps12 [144296..144321], clpP [complement(72331..72594)], clpP [complement(73250..73541)], clpP [complement(74466..74536)], petB [77446..77451], petB [78272..78913], petD [79133..79140], petD [79890..80385], rpl16 [complement(83715..84146)], rpl16 [complement(85305..85313)], rpl2 [complement(87108..87541)], rpl2 [complement(88214..88604)], ndhB [complement(97985..98743)], ndhB [complement(99444..100220)], trnI-GAU [105242..105278], trnI-GAU [106232..106266], trnA-UGC [106331..106367], trnA-UGC [106408..106435], ndhA [complement(123710..124248)], ndhA [complement(125266..125824)], trnA-UGC [complement(138909..138938)], trnA-UGC [complement(138975..139013)], trnI-GAU [complement(139078..139112)], trnI-GAU [complement(140066..140102)], ndhB [145124..145900], ndhB [146601..147359]	[complement(44862..45590)], trnL-UAA [48892..49316], trnV-UAC [complement(54033..54614)], clpP [complement(72595..73249)], clpP [complement(73542..74465)], petB [77452..78271], petD [79141..79889], rpl16 [complement(84147..85304)], rpl2 [complement(87542..88213)], ndhB [complement(98744..99443)], trnI-GAU [105279..106231], trnA-UGC [106368..106407], ndhA [complement(124249..125265)], trnA-UGC [complement(138939..138974)], trnI-GAU [complement(139113..140065)], ndhB [145901..146600]
1319.	EPPA	73	rps12 [complement(101577..101602)], rps12 [complement(102144..102375)], rps12 [complement(71576..71689)], trnK-UUU [complement(1413..1441)], trnK-UUU [complement(4128..4164)], rps16 [complement(4681..4916)], rps16 [complement(5810..5849)], trnG-GCC [8939..8961], trnG-GCC [9652..9688], atpF [complement(11653..12063)], atpF [complement(12843..12986)], rpoC1 [complement(20362..21987)], rpoC1 [complement(22728..23162)], ycf3 [complement(43268..43420)], ycf3 [complement(44102..44329)], ycf3 [complement(45051..45176)], trnL-UAA [48134..48168], trnL-UAA [48784..48833], trnV-UAC [complement(52588..52624)], trnV-UAC [complement(53208..53246)], rps12 [complement(71576..71689)], rps12 [143874..144105], rps12 [144647..144672], clpP [complement(71822..72076)], clpP [complement(72717..73008)], clpP [complement(74127..74197)], petB [77797..77802], petB [78541..79182], petD [79363..79370], petD [80221..80734], rpl16 [complement(84276..84674)], rpl16 [complement(85880..85888)], rpl2 [complement(87904..88335)], rpl2	trnK-UUU [complement(1442..4127)], rps16 [complement(4917..5809)], trnG-GCC [8962..9651], atpF [complement(12064..12842)], rpoC1 [complement(21988..22727)], ycf3 [complement(43421..44101)], ycf3 [complement(44330..45050)], trnL-UAA [48169..48783], trnV-UAC [complement(52625..53207)], clpP [complement(72077..72716)], clpP [complement(73009..74126)], petB [77803..78540], petD [79371..80220], rpl16 [complement(84675..85879)], rpl2 [complement(88336..88998)], ndhB [complement(99350..100053)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88999..89385)], ndhB [complement(98594..99349)], ndhB [complement(100054..100830)], trnI-GAU [106084..106125], trnI-GAU [107077..107111], trnA-UGC [107172..107209], trnA-UGC [108011..108045], ndhA [120094..120645], ndhA [121745..122284], trnA-UGC [complement(138204..138238)], trnA-UGC [complement(139040..139077)], trnI-GAU [complement(139138..139172)], trnI-GAU [complement(140124..140165)], ndhB [145419..146195], ndhB [146900..147655], rpl2 [156864..157250], rpl2 [157914..158345]	[106126..107076], trnA-UGC [107210..108010], ndhA [120646..121744], trnA-UGC [complement(138239..139039)], trnI-GAU [complement(139173..140123)], ndhB [146196..146899], rpl2 [157251..157913]
1320.	EPPS	70	rps12 [complement(101203..101228)], rps12 [complement(101765..101996)], rps12 [complement(71107..71220)], trnK-UUU [complement(1863..1897)], trnK-UUU [complement(4447..4483)], rps16 [complement(5935..6197)], rps16 [complement(7002..7041)], trnG-UCC [9185..9207], trnG-UCC [9906..9953], atpF [complement(11943..12352)], atpF [complement(13069..13213)], rpoC1 [complement(21264..22865)], rpoC1 [complement(23603..24034)], ycf3 [complement(43749..43901)], ycf3 [complement(44663..44892)], ycf3 [complement(45622..45745)], trnL-UAA [48888..48922], trnL-UAA [49348..49397], trnV-UAC [complement(54032..54066)], trnV-UAC [complement(54649..54687)], rps12 [complement(71107..71220)], rps12 [143704..143935], rps12 [144472..144497], clpP [complement(72406..72669)], clpP [complement(73327..73618)], clpP [complement(74550..74620)], petB [77530..77535], petB [78359..79000], petD [79220..79227], petD [79977..80472], rpl16 [complement(83871..84302)], rpl16 [complement(85457..85465)], rpl2 [complement(87261..87694)], rpl2 [complement(88367..88757)], ndhB [complement(98165..98923)], ndhB [complement(99624..100400)], trnI-GAU [105422..105458], trnI-GAU [106412..106446], trnA-UGC [106511..106548], trnA-UGC [107349..107383], ndhA [complement(123899..124437)], ndhA [complement(125453..126008)], trnA-UGC [complement(138317..138351)], trnA-UGC [complement(139152..139189)], trnI-GAU [complement(139254..139288)], trnI-GAU [complement(140242..140278)], ndhB [145300..146076], ndhB [146777..147535]	trnK-UUU [complement(1898..4446)], rps16 [complement(6198..7001)], trnG-UCC [9208..9905], atpF [complement(12353..13068)], rpoC1 [complement(22866..23602)], ycf3 [complement(43902..44662)], ycf3 [complement(44893..45621)], trnL-UAA [48923..49347], trnV-UAC [complement(54067..54648)], clpP [complement(72670..73326)], clpP [complement(73619..74549)], petB [77536..78358], petD [79228..79976], rpl16 [complement(84303..85456)], rpl2 [complement(87695..88366)], ndhB [complement(98924..99623)], trnI-GAU [105459..106411], trnA-UGC [106549..107348], ndhA [complement(124438..125452)], trnA-UGC [complement(138352..139151)], trnI-GAU [complement(139289..140241)], ndhB [146077..146776]
1321.	EPPU	73	rps12 [complement(101634..101659)], rps12 [complement(102201..102432)],	trnK-UUU [complement(1441..4117)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(71689..71802)], trnK-UUU [complement(1412..1440)], trnK-UUU [complement(4118..4154)], rps16 [complement(4699..4901)], rps16 [complement(5801..5840)], trnG-GCC [8927..8949], trnG-GCC [9636..9672], atpF [complement(11655..12065)], atpF [complement(12844..12987)], rpoC1 [complement(20353..21978)], rpoC1 [complement(22716..23150)], ycf3 [complement(43385..43537)], ycf3 [complement(44220..44447)], ycf3 [complement(45167..45292)], trnL-UAA [48289..48323], trnL-UAA [48963..49012], trnV-UAC [complement(52777..52813)], trnV-UAC [complement(53397..53435)], rps12 [complement(71689..71802)], rps12 [144679..144910], rps12 [145452..145477], clpP [complement(71935..72189)], clpP [complement(72862..73153)], clpP [complement(74280..74350)], petB [77976..77981], petB [78719..79360], petD [79541..79548], petD [80399..80912], rpl16 [complement(84439..84837)], rpl16 [complement(86017..86025)], rpl2 [complement(88036..88467)], rpl2 [complement(89134..89520)], ndhB [complement(98651..99406)], ndhB [complement(100111..100887)], trnI-GAU [106384..106425], trnI-GAU [107370..107404], trnA-UGC [107469..107506], trnA-UGC [108308..108342], ndhA [120497..121048], ndhA [122157..122696], trnA-UGC [complement(138769..138803)], trnA-UGC [complement(139605..139642)], trnI-GAU [complement(139707..139741)], trnI-GAU [complement(140686..140727)], ndhB [146224..147000], ndhB [147705..148460], rpl2 [157591..157977], rpl2 [158644..159075]	[complement(4902..5800)], trnG-GCC [8950..9635], atpF [complement(12066..12843)], rpoC1 [complement(21979..22715)], ycf3 [complement(43538..44219)], ycf3 [complement(44448..45166)], trnL-UAA [48324..48962], trnV-UAC [complement(52814..53396)], clpP [complement(72190..72861)], clpP [complement(73154..74279)], petB [77982..78718], petD [79549..80398], rpl16 [complement(84838..86016)], rpl2 [complement(88468..89133)], ndhB [complement(99407..100110)], trnI-GAU [106426..107369], trnA-UGC [107507..108307], ndhA [121049..122156], trnA-UGC [complement(138804..139604)], trnI-GAU [complement(139742..140685)], ndhB [147001..147704], rpl2 [157978..158643]
1322.	EPRO	6	rps12 [3051..3164], rps12 [17978..18184]	clpP [1440..1960], clpP [2255..2735], rpl16 [complement(8949..9765)], rpl2 [complement(11436..11990)]
1323.	EPSA	26	rps12 [complement(71022..71135)], ycf3 [complement(43700..43852)], rps12 [144293..144318]	trnK-UUU [complement(1830..4369)], rps16 [complement(6121..6923)], trnG-UCC [9131..9828], atpF [complement(11928..12980)], rpoC1 [complement(22778..23517)], ycf3 [complement(43853..44614)], ycf3 [complement(44845..45571)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[48873..49297], trnV-UAC [complement(54028..54609)], clpP [complement(72582..73236)], clpP [complement(73528..74141)], petB [77443..78203], petD [79073..79821], rpl16 [complement(84144..85303)], rpl2 [complement(87542..88213)], ndhB [complement(98771..99470)], trnI-GAU [105290..106242], trnA-UGC [106380..107179], ndhA [complement(124246..125261)], trnA-UGC [complement(138173..138972)], trnI-GAU [complement(139110..140062)], ndhB [145882..146581], rpl2 [157139..157810]
1324.	EPSI	18	psbA [complement(109198..109550)], psbA [complement(1..709)], rps12 [100973..101004]	psbA [complement(109551..0)], trnK-UUU [complement(895..3191)], ycf3 [complement(14024..14677)], ycf3 [complement(14906..15545)], rpoC1 [21333..21905], atpF [29729..30316], trnL-UAA [34764..35053], petB [50897..51412], petD [52202..52718], rpl16 [complement(56438..57038)], rpl2 [complement(59030..59522)], trnI-GAU [71988..72735], trnA-UGC [72859..73617], trnA-UGC [complement(95895..96653)], trnI-GAU [complement(96777..97524)]
1325.	EPUL	27	rps12 [complement(73757..73870)], rps16 [complement(4929..5123)], rps16 [complement(6039..6077)], rps12 [146935..146960]	trnK [complement(1652..4137)], rps16 [complement(5124..6038)], trnG [9736..10482], atpF [complement(13016..13762)], rpoC1 [complement(23413..24147)], ycf3 [complement(44355..45128)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(45359..46081)], trnL [49670..50205], trnA-UAC [complement(54393..54987)], clpP [complement(74595..75163)], clpP [complement(75456..76354)], petB [79387..80163], petD [81013..81704], rpl16 [complement(86303..87386)], rpl2 [complement(89528..90191)], ndhB [complement(100609..101290)], trnI-GAU [107358..108308], trnA-UGC [108446..109248], ndhA [complement(123904..124957)], trnA-UGC [complement(140580..141382)], trnI [complement(141520..142470)], ndhB [148538..149219], rpl2 [159637..160300]
1326.	EPVE	73	rps12 [complement(101428..101453)], rps12 [complement(101995..102226)], rps12 [complement(71629..71742)], trnK-UUU [complement(1387..1415)], trnK-UUU [complement(4074..4110)], rps16 [complement(4797..5032)], rps16 [complement(5931..5970)], trnG-GCC [8977..8999], trnG-GCC [9686..9722], atpF [complement(11707..12117)], atpF [complement(12896..13039)], rpoC1 [complement(20397..22022)], rpoC1 [complement(22761..23195)], ycf3 [complement(43416..43568)], ycf3 [complement(44251..44478)], ycf3 [complement(45199..45324)], trnL-UAA [48291..48325], trnL-UAA [48942..48991], trnV-UAC [complement(52742..52778)], trnV-UAC [complement(53363..53401)], rps12 [complement(71629..71742)], rps12 [144537..144768], rps12 [145310..145335], clpP [complement(71875..72129)], clpP [complement(72785..73076)], clpP [complement(74198..74268)], petB [77781..77786], petB [78519..79160], petD [79341..79348], petD [80194..80728], rpl16 [complement(84224..84622)], rpl16 [complement(85816..85824)], rpl2 [complement(87833..88264)], rpl2 [complement(88929..89315)], ndhB [complement(98445..99200)], ndhB [complement(99905..100681)], trnI-GAU [106219..106260], trnI-GAU	trnK-UUU [complement(1416..4073)], rps16 [complement(5033..5930)], trnG-GCC [9000..9685], atpF [complement(12118..12895)], rpoC1 [complement(22023..22760)], ycf3 [complement(43569..44250)], ycf3 [complement(44479..45198)], trnL-UAA [48326..48941], trnV-UAC [complement(52779..53362)], clpP [complement(72130..72784)], clpP [complement(73077..74197)], petB [77787..78518], petD [79349..80193], rpl16 [complement(84623..85815)], rpl2 [complement(88265..88928)], ndhB [complement(99201..99904)], trnI-GAU [106261..107196], trnA-UGC [107334..108134], ndhA [120829..121935],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[107197..107231], trnA-UGC [107296..107333], trnA-UGC [108135..108169], ndhA [120277..120828], ndhA [121936..122475], trnA-UGC [complement(138594..138628)], trnA-UGC [complement(139430..139467)], trnI-GAU [complement(139532..139566)], trnI-GAU [complement(140503..140544)], ndhB [146082..146858], ndhB [147563..148318], rpl2 [157448..157834], rpl2 [158499..158930]	trnA-UGC [complement(138629..139429)], trnI-GAU [complement(139567..140502)], ndhB [146859..147562], rpl2 [157835..158498]
1327.	EPVI	15	trnH [complement(70023..70028)], trnH [complement(1..69)], clpP [complement(13001..13228)], clpP [complement(13795..14086)], clpP [complement(14732..14802)], rpl16 [complement(17458..17856)], rpl16 [complement(18648..18656)], rpl2 [complement(19921..20354)], rpl2 [complement(21016..21406)], rpl2 [68422..68812], rpl2 [69474..69907]	trnH [complement(70029..0)], rpl16 [complement(17857..18647)], trnA [complement(52894..53367)], trnI [complement(53498..54385)]
1328.	EPWU	64	rps12 [complement(101203..101228)], rps12 [complement(101765..101996)], rps12 [complement(71167..71280)], trnK-UUU [complement(1854..1889)], trnK-UUU [complement(4445..4481)], rps16 [complement(5936..6198)], rps16 [complement(7004..7043)], trnG-UCC [9187..9209], trnG-UCC [9908..9955], atpF [complement(11945..12354)], atpF [complement(13070..13214)], rpoC1 [complement(21266..22861)], rpoC1 [complement(23607..24038)], ycf3 [complement(43769..43921)], ycf3 [complement(44686..44915)], ycf3 [complement(45644..45767)], trnL-UAA [48912..48946], trnL-UAA [49372..49421], trnV-UAC [complement(54064..54098)], trnV-UAC [complement(54681..54719)], rps12 [complement(71167..71280)], rps12 [143725..143956], rps12 [144493..144518], clpP [complement(72414..72677)], clpP [complement(73328..73619)], clpP [complement(74544..74614)], petD [79212..79219], petD [79969..80464], rpl2 [complement(87252..87685)], rpl2 [complement(88358..88748)], ndhB [complement(98165..98923)], ndhB [complement(99624..100400)], trnI-GAU [105466..105502], trnI-GAU [106456..106490], trnA-UGC [106511..106547], trnA-UGC [106588..106615], ndhA [complement(123907..124445)], ndhA [complement(125462..126017)], trnA-UGC [complement(139106..139135)], trnA-UGC [complement(139172..139210)], trnI-GAU [complement(139275..139309)], trnI-GAU [complement(140263..140299)], ndhB [145321..146097], ndhB [146798..147556]	trnK-UUU [complement(1890..4444)], rps16 [complement(6199..7003)], trnG-UCC [9210..9907], atpF [complement(12355..13069)], rpoC1 [complement(22862..23606)], ycf3 [complement(43922..44685)], ycf3 [complement(44916..45643)], trnL-UAA [48947..49371], trnV-UAC [complement(54099..54680)], clpP [complement(72678..73327)], clpP [complement(73620..74543)], petD [79220..79968], rpl2 [complement(87686..88357)], ndhB [complement(98924..99623)], trnI-GAU [105503..106455], trnA-UGC [106548..106587], ndhA [complement(124446..125461)], trnA-UGC [complement(139136..139171)], trnI-GAU [complement(139310..140262)], ndhB [146098..146797]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1329.	ERAB	31	trnL-UAA [17640..17675], trnL-UAA [18152..18201], trnI-GAU [52245..52286], trnI-GAU [53265..53299], trnA-UGC [53355..53392], trnA-UGC [54191..54225], rps12 [complement(76345..76611)], rps12 [complement(99823..99990)], trnG-UCC [complement(79980..80028)], trnG-UCC [complement(80766..80788)], rps12 [123402..123668], trnG-UCC [119290..119312], trnG-UCC [120030..120078], trnA-UGC [complement(145788..145822)], trnA-UGC [complement(146621..146658)], trnI-GAU [complement(146714..146748)], trnI-GAU [complement(147727..147768)]	ycf3 [complement(12703..13475)], ycf3 [complement(13704..14446)], trnL-UAA [17676..18151], atpF [39512..40219], trnI-GAU [52287..53264], trnA-UGC [53393..54190], trnG-UCC [complement(80029..80765)], petB [103901..104712], petD [105573..106265], rpl2 [complement(113091..113770)], trnG-UCC [119313..120029], trnA-UGC [complement(145823..146620)], trnI-GAU [complement(146749..147726)], atpF [complement(159794..160501)]
1330.	ERAG	25	trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3919..3956)], trnG-UCC [complement(13129..13176)], trnG-UCC [complement(13874..13896)], rps12 [126374..126402]	trnK-UUU [complement(1415..3918)], rps16 [complement(4751..5594)], trnG-UCC [complement(13177..13873)], atpF [33336..34166], ycf3 [complement(42559..43283)], ycf3 [complement(43512..44272)], trnL-UAA [46769..47301], trnV-UAC [complement(51024..51620)], petB [70884..71633], petD [72472..73192], rpl16 [complement(77624..78650)], rpl2 [complement(81044..81703)], ndhB [complement(86231..86942)], trnI-GAU [93089..94033], trnA-UGC [94172..94981], ndhA [complement(111018..112044)], trnA-UGC [complement(119969..120778)], trnI-GAU [complement(120917..121861)], ndhB [128008..128719], rpl2 [133247..133906]
1331.	ERAI	25	trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3882..3919)], trnG-UCC [complement(13028..13075)], trnG-UCC [complement(13752..13774)], rps12 [126256..126284]	trnK-UUU [complement(1405..3881)], rps16 [complement(4695..5554)], trnG-UCC [complement(13076..13751)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[33362..34172], ycf3 [complement(42479..43204)], ycf3 [complement(43433..44174)], trnL-UAA [46667..47198], trnV-UAC [complement(50890..51490)], petB [70765..71512], petD [72351..73072], rpl16 [complement(77479..78505)], rpl2 [complement(80893..81552)], ndhB [complement(86090..86801)], trnI-GAU [92975..93919], trnA-UGC [94058..94867], ndhA [complement(110895..111911)], trnA- UGC [complement(119824..120633)], trnI- GAU [complement(120772..121716)], ndhB [127890..128601], rpl2 [133139..133798]
1332.	ERAR	64	rps12 [complement(88465..88493)], rps12 [complement(89034..89265)], rps12 [complement(67013..67126)], trnK-UUU [complement(1445..1477)], trnK-UUU [complement(3954..3991)], rps16 [complement(4547..4770)], rps16 [complement(5632..5671)], trnG-UCC [complement(13094..13141)], trnG- UCC [complement(13818..13840)], atpF [33269..33427], atpF [34239..34646], ycf3 [complement(42388..42546)], ycf3 [complement(43273..43500)], ycf3 [complement(44249..44374)], trnL-UAA [46686..46720], trnL-UAA [47253..47305], trnV-UAC [complement(50907..50953)], trnV-UAC [complement(51545..51583)], rps12 [125542..125773], rps12 [126314..126342], petB [70815..70820], petB [71569..72216], petD [72399..72406], petD [73129..73603], rpl16 [complement(77112..77534)], rpl16 [complement(78562..78570)], rpl2 [complement(80519..80950)], rpl2 [complement(81614..82003)], ndhB [complement(85392..86148)], ndhB [complement(86861..87636)], trnI-GAU [92991..93032], trnI-GAU [93978..94012], trnA-UGC [94078..94115], trnA-UGC [94926..94960], ndhA [complement(110413..110952)], ndhA [complement(111970..112518)], trnA- UGC [complement(119847..119881)], trnA-UGC [complement(120692..120729)], trnI-GAU [complement(120795..120829)],	trnK-UUU [complement(1478..3953)], rps16 [complement(4771..5631)], trnG-UCC [complement(13142..13817)], atpF [33428..34238], ycf3 [complement(42547..43272)], ycf3 [complement(43501..44248)], trnL-UAA [46721..47252], trnV-UAC [complement(50954..51544)], petB [70821..71568], petD [72407..73128], rpl16 [complement(77535..78561)], rpl2 [complement(80951..81613)], ndhB [complement(86149..86860)], trnI-GAU [93033..93977], trnA-UGC [94116..94925], ndhA [complement(110953..111969)], trnA- UGC [complement(119882..120691)], trnI- GAU [complement(120830..121774)], ndhB [127948..128659], rpl2 [133194..133856]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(121775..121816)], ndhB [127171..127947], ndhB [128660..129415], rpl2 [132804..133193], rpl2 [133857..134288]	
1333.	ERAV	25	trnK-UUU [complement(1371..1403)], trnK-UUU [complement(3905..3942)], trnG-UCC [complement(13017..13064)], trnG-UCC [complement(13752..13774)], rps12 [126318..126346]	trnK-UUU [complement(1404..3904)], rps16 [complement(4729..5569)], trnG-UCC [complement(13065..13751)], atpF [33267..34099], ycf3 [complement(42442..43166)], ycf3 [complement(43395..44158)], trnL-UAA [46651..47173], trnV-UAC [complement(50894..51494)], petB [70776..71524], petD [72363..73083], rpl16 [complement(77514..78539)], rpl2 [complement(80934..81593)], ndhB [complement(86121..86832)], trnI-GAU [92979..93922], trnA-UGC [94061..94870], ndhA [complement(110953..111979)], trnA-UGC [complement(119914..120723)], trnI-GAU [complement(120862..121805)], ndhB [127952..128663], rpl2 [133191..133850]
1334.	ERAX	25	trnK-UUU [complement(1387..1419)], trnK-UUU [complement(3908..3945)], trnG-UCC [complement(13076..13123)], trnG-UCC [complement(13811..13833)], rps12 [126523..126551]	trnK-UUU [complement(1420..3907)], rps16 [complement(4746..5598)], trnG-UCC [complement(13124..13810)], atpF [33445..34274], ycf3 [complement(42686..43421)], ycf3 [complement(43650..44392)], trnL-UAA [46887..47409], trnV-UAC [complement(51119..51719)], petB [71021..71762], petD [72601..73321], rpl16 [complement(77731..78757)], rpl2 [complement(81157..81816)], ndhB [complement(86353..87064)], trnI-GAU [93213..94158], trnA-UGC [94297..95106],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(111158..112183)], trnA-UGC [complement(120115..120924)], trnI-GAU [complement(121063..122008)], ndhB [128157..128868], rpl2 [133405..134064]
1335.	ERBA	25	trnK-UUU [complement(1367..1399)], trnK-UUU [complement(3897..3934)], trnG-UCC [complement(13105..13152)], trnG-UCC [complement(13834..13856)], rps12 [126389..126417]	trnK-UUU [complement(1400..3896)], rps16 [complement(4716..5625)], trnG-UCC [complement(13153..13833)], atpF [33440..34270], ycf3 [complement(42657..43382)], ycf3 [complement(43611..44349)], trnL-UAA [46837..47359], trnV-UAC [complement(51061..51661)], petB [70901..71650], petD [72489..73209], rpl16 [complement(77613..78638)], rpl2 [complement(81029..81688)], ndhB [complement(86218..86929)], trnI-GAU [93076..94020], trnA-UGC [94159..94968], ndhA [complement(111027..112052)], trnA-UGC [complement(119984..120793)], trnI-GAU [complement(120932..121876)], ndhB [128023..128734], rpl2 [133264..133923]
1336.	ERBE	63	rps12 [complement(95557..95583)], rps12 [complement(96147..96386)], rps12 [complement(66896..67009)], psbA [complement(151431..151434)], psbA [complement(1..1058)], trnK-UUU [complement(1284..1312)], trnK-UUU [complement(3992..4028)], rps16 [complement(4641..4886)], rps16 [complement(5687..5728)], atpF [complement(10848..11255)], atpF [complement(12072..12215)], rpoC1 [complement(20683..22302)], rpoC1 [complement(23058..23486)], ycf3 [complement(40721..40879)], ycf3 [complement(41609..41830)], ycf3 [complement(42561..42692)], trnL-UAA [45235..45269], trnL-UAA [45868..45917], trnV-UAC [complement(49370..49406)], trnV-UAC [complement(49982..50020)], rps12 [136582..136821], rps12 [137385..137411], clpP [complement(67126..67365)],	psbA [complement(151435..0)], trnK-UUU [complement(1313..3991)], rps16 [complement(4887..5686)], atpF [complement(11256..12071)], rpoC1 [complement(22303..23057)], ycf3 [complement(40880..41608)], ycf3 [complement(41831..42560)], trnL-UAA [45270..45867], trnV-UAC [complement(49407..49981)], clpP [complement(67366..68057)], clpP [complement(68349..69179)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(68058..68348)], clpP [complement(69180..69248)], rpl2 [complement(82156..82587)], rpl2 [complement(83264..83647)], ndhB [complement(92490..93245)], ndhB [complement(93952..94728)], trnI-GAU [100006..100047], trnI-GAU [101006..101040], trnA-UGC [101103..101140], trnA-UGC [101913..101947], ndhA [complement(117018..117563)], ndhA [complement(118555..119103)], trnA-UGC [complement(131021..131055)], trnA-UGC [complement(131828..131865)], trnI-GAU [complement(131928..131962)], trnI-GAU [complement(132921..132962)], ndhB [138240..139016], ndhB [139723..140478], rpl2 [149321..149704], rpl2 [150381..150812]</p>	<p>[complement(82588..83263)], ndhB [complement(93246..93951)], trnI-GAU [100048..101005], trnA-UGC [101141..101912], ndhA [complement(117564..118554)], trnA-UGC [complement(131056..131827)], trnI-GAU [complement(131963..132920)], ndhB [139017..139722], rpl2 [149705..150380]</p>
1337.	ERBR	73	<p>rps12 [complement(102929..102954)], rps12 [complement(103501..103732)], rps12 [complement(74861..74974)], trnK-UUU [complement(1794..1828)], trnK-UUU [complement(4318..4354)], rps16 [complement(5329..5555)], rps16 [complement(6422..6461)], trnG [9759..9781], trnG [10514..10561], atpF [complement(12750..13159)], atpF [complement(13921..14065)], rpoC1 [complement(22475..24091)], rpoC1 [complement(24827..25279)], ycf3 [complement(46252..46404)], ycf3 [complement(47102..47331)], ycf3 [complement(48091..48214)], trnL [52094..52128], trnL [52643..52692], trnV [complement(56189..56223)], trnV [complement(56839..56876)], rps12 [complement(74861..74974)], rps12 [146165..146396], rps12 [146943..146968], clpP [complement(75147..75374)], clpP [complement(75977..76268)], clpP [complement(77127..77197)], petB [80092..80097], petB [80865..81506], petD [81699..81706], petD [82507..82981], rpl16 [complement(86536..86934)], rpl16 [complement(87927..87935)], rpl2 [complement(89624..90057)], rpl2 [complement(90722..91112)], ndhB [complement(99868..100623)], ndhB [complement(101306..102082)], trnI [107702..107738], trnI [108691..108725], trnA [108790..108827], trnA [109636..109670], ndhA [complement(125513..126051)], ndhA [complement(127172..127724)], trnA [complement(140227..140261)], trnA [complement(141070..141107)], trnI [complement(141172..141206)], trnI [complement(142159..142195)], ndhB [147815..148591], ndhB [149274..150029], rpl2 [158785..159175], rpl2</p>	<p>trnK-UUU [complement(1829..4317)], rps16 [complement(5556..6421)], trnG [9782..10513], atpF [complement(13160..13920)], rpoC1 [complement(24092..24826)], ycf3 [complement(46405..47101)], ycf3 [complement(47332..48090)], trnL [52129..52642], trnV [complement(56224..56838)], clpP [complement(75375..75976)], clpP [complement(76269..77126)], petB [80098..80864], petD [81707..82506], rpl16 [complement(86935..87926)], rpl2 [complement(90058..90721)], ndhB [complement(100624..101305)], trnI [107739..108690], trnA [108828..109635], ndhA [complement(126052..127171)], trnA [complement(140262..141069)], trnI [complement(141207..142158)], ndhB [148592..149273], rpl2 [159176..159839]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[159840..160273]	
1338.	ERBU	25	trnK-UUU [complement(1373..1405)], trnK-UUU [complement(3887..3924)], trnG-UCC [complement(12983..13030)], trnG-UCC [complement(13712..13734)], rps12 [125906..125934]	trnK-UUU [complement(1406..3886)], rps16 [complement(4697..5554)], trnG-UCC [complement(13031..13711)], atpF [33015..33823], ycf3 [complement(42158..42889)], ycf3 [complement(43118..43859)], trnL-UAA [46342..46865], trnV-UAC [complement(50570..51170)], petB [70442..71189], petD [72028..72749], rpl16 [complement(77150..78176)], rpl2 [complement(80567..81226)], ndhB [complement(85764..86475)], trnI-GAU [92649..93593], trnA-UGC [93732..94541], ndhA [complement(110546..111562)], trnA-UGC [complement(119474..120283)], trnI-GAU [complement(120422..121366)], ndhB [127540..128251], rpl2 [132789..133448]
1339.	ERBV	29	rps16 [complement(5084..5286)], trnV [complement(51456..51494)], trnV [complement(52059..52096)], rps12 [complement(70007..70120)], petB [75419..75424], petB [76192..76833], trnA-UGC [103405..103442], trnA-UGC [104263..104297]	trnK-UUU [complement(1657..4199)], rps16 [complement(5287..6160)], rpoC1 [16405..17158], atpF [26890..27598], trnS-CGA [complement(30132..30848)], trnL-UAA [47471..47914], trnV [complement(51495..52058)], clpP [complement(70566..71187)], clpP [complement(71480..72295)], petB [75425..76191], rpl2 [complement(85422..86092)], ycf2 [88059..88514], ndhB [complement(95851..96525)], trnE-UUC [102521..103300], trnA-UGC [103443..104262], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(119597..120664)], trnA [complement(132967..133786)], trnE-UUC [complement(133929..134708)], ndhB [140704..141378], ycf2 [complement(148715..149170)], rpl2 [151137..151807]
1340.	ERCA	29	rps12 [complement(91616..91858)], rps12 [complement(68174..68287)], trnK-UUU [complement(1706..1740)], trnK-UUU [complement(4330..4363)], trnL-UAA [47674..47710], trnL-UAA [48205..48254], trnV-UAC [complement(51389..51425)], trnV-UAC [complement(52033..52071)], petD [76593..77069], ndhB [complement(89492..90214)], trnI-GAU [95617..95658], trnI-GAU [96605..96639], trnA-UGC [96683..96720], trnA-UGC [97520..97554]	trnK-UUU [complement(1741..4329)], atpF [complement(11416..12125)], rpoC1 [complement(21745..22501)], ycf3 [complement(42738..43565)], ycf3 [complement(43794..44536)], trnL-UAA [47711..48204], trnV-UAC [complement(51426..52032)], clpP [complement(69861..70431)], petB [74164..74991], petD [75861..76592], rpl2 [complement(83787..84365)], ndhB [complement(88813..89491)], trnI-GAU [95659..96604], trnA-UGC [96721..97519], ndhA [109525..110550]
1341.	ERCH	31	rps12 [17927..18094], rps12 [complement(162519..162785)], rps12 [41920..42186], trnG-UCC [37911..37933], trnG-UCC [38607..38654], trnI-GAU [52363..52404], trnI-GAU [53384..53418], trnA-UGC [53474..53511], trnA-UGC [54310..54344], trnL-UAA [complement(102392..102441)], trnL-UAA [complement(102918..102953)], trnA-UGC [complement(150361..150395)], trnA-UGC [complement(151194..151231)], trnI-GAU [complement(151287..151321)], trnI-GAU [complement(152301..152342)], trnG-UCC [complement(166051..166098)], trnG-UCC [complement(166772..166794)]	rpl2 [4134..4815], petD [complement(11650..12350)], petB [complement(13207..14023)], trnG-UCC [37934..38606], trnI-GAU [52405..53383], trnA-UGC [53512..54309], atpF [complement(80707..81414)], trnL-UAA [complement(102442..102917)], ycf3 [106204..106946], ycf3 [107175..107954], atpF [123291..123998], trnA-UGC [complement(150396..151193)], trnI-GAU [complement(151322..152300)], trnG-UCC [complement(166099..166771)]
1342.	ERCI	23	trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3910..3947)],	trnK-UUU [complement(1415..3909)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [129104..129132]	[complement(4708..5538)], trnG-UCC [complement(13054..13750)], atpF [34780..35608], ycf3 [complement(43854..44591)], ycf3 [complement(44820..45551)], trnL-UAA [48445..48896], trnV-UAC [complement(52656..53257)], petB [72673..73423], petD [74267..75006], rpl16 [complement(79441..80535)], rpl2 [complement(82927..83589)], ndhB [complement(89451..90149)], trnI-GAU [96440..97385], trnA-UGC [97525..98334], ndhA [complement(114005..115034)], trnA-UGC [complement(122555..123364)], trnI-GAU [complement(123504..124449)], ndhB [130740..131438], rpl2 [137300..137962]
1343.	ERCL	25	trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3923..3960)], trnG-UCC [complement(13014..13061)], trnG-UCC [complement(13746..13768)], rps12 [126232..126260]	trnK-UUU [complement(1422..3922)], rps16 [complement(4752..5586)], trnG-UCC [complement(13062..13745)], atpF [33223..34046], ycf3 [complement(42397..43132)], ycf3 [complement(43361..44099)], trnL-UAA [46599..47121], trnV-UAC [complement(50812..51412)], petB [70805..71554], petD [72393..73113], rpl16 [complement(77523..78532)], rpl2 [complement(80920..81579)], ndhB [complement(86121..86832)], trnI-GAU [92976..93921], trnA-UGC [94060..94869], ndhA [complement(110881..111913)], trnA-UGC [complement(119829..120638)], trnI-GAU [complement(120777..121722)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[127866..128577], rpl2 [133119..133778]
1344.	ERCO	25	trnK-UUU [complement(1369..1401)], trnK-UUU [complement(3922..3959)], trnG-UCC [complement(13043..13090)], trnG-UCC [complement(13770..13792)], rps12 [126322..126350]	trnK-UUU [complement(1402..3921)], rps16 [complement(4744..5604)], trnG-UCC [complement(13091..13769)], atpF [33382..34206], ycf3 [complement(42562..43309)], ycf3 [complement(43538..44288)], trnL-UAA [46786..47308], trnV-UAC [complement(51127..51726)], petB [71018..71773], petD [72612..73346], rpl16 [complement(77775..78779)], rpl2 [complement(81176..81835)], ndhB [complement(86355..87066)], trnI-GAU [93122..94067], trnA-UGC [94206..95015], ndhA [complement(111055..112070)], trnA-UGC [complement(120007..120816)], trnI-GAU [complement(120955..121900)], ndhB [127956..128667], rpl2 [133187..133846]
1345.	ERCR	50	rps12 [complement(62286..62311)], rps12 [complement(62845..63076)], rps12 [complement(41908..42021)], trnK-UUU [complement(1703..1738)], trnK-UUU [complement(3996..4026)], trnG-UCC [8283..8305], trnG-UCC [9008..9055], atpF [complement(11222..11632)], atpF [complement(12356..12499)], trnL-UAA [17816..17852], trnL-UAA [18359..18408], trnV-UAC [complement(21799..21844)], trnV-UAC [complement(22479..22517)], clpP [complement(42259..42540)], clpP [complement(43101..43457)], petB [46587..46592], petB [47444..48085], petD [48301..48309], petD [49041..49517], rpl2 [complement(55271..55704)], rpl2 [complement(56399..56789)], ndhB [complement(59238..59993)], ndhB [complement(60677..61399)], trnI-GAU [67054..67095], trnI-GAU [68053..68087], trnA-UGC [68152..68189], trnA-UGC [68986..69020], ycf3 [complement(87674..87826)], ycf3 [complement(88659..88886)], ycf3 [complement(89637..89765)], rpoC1 [complement(97379..98995)], rpoC1	trnK-UUU [complement(1739..3995)], trnG-UCC [8306..9007], atpF [complement(11633..12355)], trnL-UAA [17853..18358], trnV-UAC [complement(21845..22478)], clpP [complement(42541..43100)], petB [46593..47443], petD [48310..49040], rpl2 [complement(55705..56398)], ndhB [complement(59994..60676)], trnI-GAU [67096..68052], trnA-UGC [68190..68985], ycf3 [complement(87827..88658)], ycf3 [complement(88887..89636)], rpoC1 [complement(98996..99751)], ndhA [113667..114687]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(99752..100183)], ndhA [113114..113666], ndhA [114688..115223]	
1346.	ERDE	36	trnK-UUU [complement(1362..1390)], trnK-UUU [complement(4060..4096)], trnL-UAA [45384..45418], trnL-UAA [46020..46069], trnV-UAC [complement(49629..49665)], trnV-UAC [complement(50244..50282)], rps12 [137538..137564], petB [72368..72373], petB [73091..73744], trnI-GAU [100052..100093], trnI-GAU [101040..101074], trnA [101137..101175], trnA [101948..101982], trnA-UGC [complement(131167..131201)], trnA-UGC [complement(131975..132012)], trnI-GAU [complement(132075..132109)], trnI-GAU [complement(133056..133097)]	trnK-UUU [complement(1391..4059)], atpF [complement(11179..11995)], rpoC1 [complement(21788..22545)], ycf3 [complement(41064..41776)], ycf3 [complement(42005..42700)], trnL-UAA [45419..46019], trnV-UAC [complement(49666..50243)], clpP [complement(67538..68183)], clpP [complement(68478..69290)], petB [72374..73090], rpl2 [complement(82530..83203)], ndhB [complement(93280..93979)], trnI-GAU [100094..101039], trnA [101176..101947], ndhA [complement(117615..118594)], trnA-UGC [complement(131202..131974)], trnI-GAU [complement(132110..133055)], ndhB [139170..139869], rpl2 [149946..150619]
1347.	ERER	23	trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3909..3946)], rps12 [129137..129165]	trnK-UUU [complement(1415..3908)], rps16 [complement(4736..5566)], trnG-UCC [complement(13096..13792)], atpF [34827..35655], ycf3 [complement(43919..44654)], ycf3 [complement(44883..45614)], trnL-UAA [48508..48959], trnV-UAC [complement(52725..53326)], petB [72726..73475], petD [74319..75057], rpl16 [complement(79492..80586)], rpl2 [complement(82978..83640)], ndhB [complement(89489..90192)], trnI-GAU [96483..97428], trnA-UGC [97568..98377],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(114042..115071)], trnA-UGC [complement(122588..123397)], trnI-GAU [complement(123537..124482)], ndhB [130773..131476], rpl2 [137325..137987]
1348.	ERFA	50	rps12 [complement(100860..100888)], rps12 [complement(101422..101653)], rps12 [complement(73026..73139)], trnK-UUU [complement(1837..1866)], trnK-UUU [complement(4392..4428)], rps16 [complement(5125..5351)], rps16 [complement(6208..6247)], trnG-GCC [9378..9400], trnG-GCC [10097..10144], trnL-UAA [49255..49291], trnL-UAA [49787..49836], trnV-UAC [complement(53962..53998)], trnV-UAC [complement(54568..54605)], rps12 [complement(73026..73139)], rps12 [142844..143075], rps12 [143623..143675], petB [78249..78254], petB [79008..79649], rpl16 [complement(84478..84876)], rpl16 [complement(85916..85924)], rpl2 [complement(87566..88000)], trnI-GAU [105372..105413], trnI-GAU [106133..106167], trnA-UGC [106232..106269], trnA-UGC [107081..107115], trnA-UGC [complement(137382..137416)], trnA-UGC [complement(138228..138265)], trnI-GAU [complement(138330..138364)], trnI-GAU [complement(139084..139125)]	trnK-UUU [complement(1867..4391)], rps16 [complement(5352..6207)], trnG-GCC [9401..10096], atpF [complement(12570..13191)], rpoC1 [complement(23074..23798)], ycf3 [complement(44398..45160)], ycf3 [complement(45389..46116)], trnL-UAA [49292..49786], trnV-UAC [complement(53999..54567)], clpP [complement(73506..74141)], clpP [complement(74433..75228)], petB [78255..79007], rpl16 [complement(84877..85915)], rpl2 [complement(88001..88663)], ndhB [complement(98597..99275)], trnI-GAU [105414..106132], trnA-UGC [106270..107080], ndhA [complement(123183..124351)], trnA-UGC [complement(137417..138227)], trnI-GAU [complement(138365..139083)], ndhB [145222..145900]
1349.	ERFO	73	rps12 [complement(103121..103146)], rps12 [complement(103683..103914)], rps12 [complement(74237..74350)], trnK-UUU [complement(1796..1830)], trnK-UUU [complement(4387..4423)], rps16 [complement(5816..6043)], rps16 [complement(6932..6946)], trnG-UCC [9991..10013], trnG-UCC [10705..10752], atpF [complement(13149..13555)], atpF [complement(14276..14420)], rpoC1 [complement(22809..24425)], rpoC1 [complement(25213..25644)], ycf3 [complement(46495..46647)], ycf3	trnK-UUU [complement(1831..4386)], rps16 [complement(6044..6931)], trnG-UCC [10014..10704], atpF [complement(13556..14275)], rpoC1 [complement(24426..25212)], ycf3 [complement(46648..47444)], ycf3 [complement(47675..48402)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(47445..47674)], ycf3 [complement(48403..48526)], trnL-UAA [51436..51470], trnL-UAA [51989..52038], trnV-UAC [complement(55550..55586)], trnV-UAC [complement(56203..56241)], rps12 [complement(74237..74350)], rps12 [145521..145752], rps12 [146289..146314], clpP [complement(74515..74742)], clpP [complement(75376..75667)], clpP [complement(76419..76489)], petB [79446..79451], petB [80254..80895], petD [81095..81102], petD [81815..82289], rpl16 [complement(86124..86522)], rpl16 [complement(87611..87619)], rpl2 [complement(89483..89916)], rpl2 [complement(90602..90992)], ndhB [complement(100057..100812)], ndhB [complement(101498..102274)], trnI-GAU [107884..107920], trnI-GAU [108874..108908], trnA-UGC [108973..109010], trnA-UGC [109813..109847], ndhA [complement(124988..125526)], ndhA [complement(126783..127335)], trnA-UGC [complement(139588..139622)], trnA-UGC [complement(140425..140462)], trnI-GAU [complement(140527..140561)], trnI-GAU [complement(141515..141551)], ndhB [147161..147937], ndhB [148623..149378], rpl2 [158443..158833], rpl2 [159519..159952]	[51471..51988], trnV-UAC [complement(55587..56202)], clpP [complement(74743..75375)], clpP [complement(75668..76418)], petB [79452..80253], petD [81103..81814], rpl16 [complement(86523..87610)], rpl2 [complement(89917..90601)], ndhB [complement(100813..101497)], trnI-GAU [107921..108873], trnA-UGC [109011..109812], ndhA [complement(125527..126782)], trnA-UGC [complement(139623..140424)], trnI-GAU [complement(140562..141514)], ndhB [147938..148622], rpl2 [158834..159518]
1350.	ERFU	49	rps12 [complement(98943..98968)], rps12 [complement(99509..99740)], rps12 [complement(70664..70777)], trnK [complement(1613..1647)], trnK [complement(4195..4231)], rps16 [complement(4683..4900)], rps16 [complement(5683..5722)], trnG [8439..8461], trnG [9215..9263], atpF [complement(11435..11844)], atpF [complement(12667..12811)], rpoC1 [complement(20834..22450)], rpoC1 [complement(23153..23584)], ycf3 [complement(43276..43428)], ycf3 [complement(44213..44440)], ycf3 [complement(45171..45296)], trnL [47997..48031], trnL [48574..48627], trnV [complement(52094..52128)], trnV [complement(52755..52793)], rps12 [141686..141917], rps12 [142458..142483], clpP [complement(70965..71192)], clpP [complement(71831..72122)], clpP [complement(73065..73135)], petB [76035..76040], petB [76809..77450], petD [77649..77656], petD [78477..78951], rpl16 [complement(82434..82832)], rpl16 [complement(83836..83844)], rpl2 [complement(85576..86010)], rpl2 [complement(86673..87062)], ndhB [complement(95888..96643)], ndhB	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97323..98102)], trnI [103738..103774], trnI [104626..104660], trnA [104730..104767], trnA [105569..105603], ndhA [complement(121382..121920)], ndhA [complement(122936..123488)], trnA [complement(135823..135857)], trnA [complement(136659..136696)], trnI [complement(136766..136800)], trnI [complement(137652..137688)], ndhB [143324..144103], ndhB [144783..145538], rpl2 [154364..154753], rpl2 [155416..155850]	
1351.	ERGL	25	trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3881..3918)], trnG-UCC [complement(13019..13066)], trnG-UCC [complement(13743..13765)], rps12 [126278..126306]	trnK-UUU [complement(1405..3880)], rps16 [complement(4693..5552)], trnG-UCC [complement(13067..13742)], atpF [33342..34152], ycf3 [complement(42470..43196)], ycf3 [complement(43425..44166)], trnL-UAA [46659..47190], trnV-UAC [complement(50906..51506)], petB [70765..71511], petD [72350..73071], rpl16 [complement(77481..78507)], rpl2 [complement(80896..81555)], ndhB [complement(86093..86804)], trnI-GAU [92978..93922], trnA-UGC [94061..94870], ndhA [complement(110917..111933)], trnA-UGC [complement(119846..120655)], trnI-GAU [complement(120794..121738)], ndhB [127912..128623], rpl2 [133161..133820]
1352.	ERGR	47	rps12 [complement(138024..138290)], rps12 [complement(98861..98974)], trnK-UUU [complement(7491..7525)], trnK-UUU [complement(10126..10159)], ycf3 [complement(25071..25223)], ycf3 [complement(25999..26226)], ycf3 [complement(26965..27093)], trnL-UAA [30216..30251], trnL-UAA [30728..30777], trnV-UAC [complement(33656..33690)], trnV-UAC [complement(34165..34202)], atpF [52328..52471], atpF [53180..53590], rps12 [60212..60478], trnI-GAU [65931..65972], trnI-GAU [66953..66987], trnA-UGC [67043..67080], trnA-	trnK-UUU [complement(7526..10125)], ycf3 [complement(25224..25998)], ycf3 [complement(26227..26964)], trnL-UAA [30252..30727], trnV-UAC [complement(33691..34164)], atpF [52472..53179], trnI-GAU [65973..66952], trnA-UGC [67081..67874], trnG-UCC [complement(77764..78435)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [67875..67909], trnG-UCC [complement(77715..77763)], trnG-UCC [complement(78436..78458)], petB [102891..102896], petB [103727..104368], petD [104585..104592], petD [105294..105768], rpl2 [complement(111611..112044)], rpl2 [complement(112726..113140)], trnG-UCC [120044..120066], trnG-UCC [120739..120787], trnA-UGC [complement(130593..130627)], trnA-UGC [complement(131422..131459)], trnI-GAU [complement(131515..131549)], trnI-GAU [complement(132530..132571)]	[102897..103726], petD [104593..105293], rpl2 [complement(112045..112725)], trnG-UCC [120067..120738], trnA-UGC [complement(130628..131421)], trnI-GAU [complement(131550..132529)]
1353.	ERJA	34	rps12 [complement(101011..101036)], rps12 [complement(101578..101809)], rps12 [complement(72467..72580)], trnK-UUU [complement(1679..1713)], trnK-UUU [complement(4203..4239)], rps16 [complement(5219..5444)], rps16 [complement(6316..6356)], trnG-UCC [8881..8903], trnG-UCC [9602..9649], trnL-UAA [49929..49965], trnL-UAA [50480..50529], trnV-UAC [complement(53916..53952)], trnV-UAC [complement(54540..54578)], rps12 [complement(72467..72580)], rps12 [144471..144702], rps12 [145244..145269], rpl2 [complement(88481..88870)], trnI-GAU [105590..105631], trnI-GAU [106575..106609], trnA-UGC [106674..106711], trnA-UGC [107519..107553], trnA-UGC [complement(138727..138761)], trnA-UGC [complement(139569..139606)], trnI-GAU [complement(139671..139705)], trnI-GAU [complement(140649..140690)]	trnK-UUU [complement(1714..4202)], trnG-UCC [8904..9601], trnL-UAA [49966..50479], trnV-UAC [complement(53953..54539)], rpl2 [complement(87795..88480)], trnA-UGC [complement(138762..139568)], trnI-GAU [complement(139706..140648)], ndhB [146883..147551], rpl2 [157803..158485]
1354.	ERLA	22	trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3917..3954)], rps12 [130288..130316]	trnK-UUU [complement(1412..3916)], rps16 [complement(4720..5561)], atpF [35231..36060], ycf3 [complement(44378..45116)], ycf3 [complement(45345..46083)], trnL-UAA [49004..49454], trnV-UAC [complement(53204..53805)], petB [73127..73882], petD [74715..75454], rpl16 [complement(79890..80975)], rpl2 [complement(83376..84038)], ndhB [complement(89877..90580)], trnI-GAU [96892..97837], trnA-UGC [97976..98787],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(114745..115766)], trnA-UGC [complement(123715..124526)], trnI-GAU [complement(124665..125610)], ndhB [131922..132625], rpl2 [138464..139126]
1355.	ERLU	66	rps12 [complement(97706..97731)], rps12 [complement(98268..98499)], rps12 [complement(70080..70193)], trnK-UUU [complement(1820..1854)], trnK-UUU [complement(4365..4401)], rps16 [complement(5309..5533)], rps16 [complement(6413..6454)], trnG-UCC [9587..9609], trnG-UCC [10285..10332], atpF [complement(12298..12645)], atpF [complement(13427..13570)], rpoC1 [complement(21427..23046)], rpoC1 [complement(23823..24251)], ycf3 [complement(43055..43207)], ycf3 [complement(43942..44169)], ycf3 [complement(44881..45009)], trnL-UAA [47539..47575], trnL-UAA [48065..48114], trnV-UAC [complement(52070..52106)], trnV-UAC [complement(52689..52724)], rps12 [138945..139176], rps12 [139713..139738], clpP [complement(70330..70557)], clpP [complement(71192..71482)], clpP [complement(72220..72288)], petB [75219..75224], petB [75965..76606], petD [76800..76807], petD [77538..78012], rpl2 [complement(84392..84826)], rpl2 [complement(85490..85882)], ndhB [complement(94697..95452)], ndhB [complement(96134..96910)], trnI-GAU [102233..102269], trnI-GAU [103216..103250], trnA-UGC [103315..103352], trnA-UGC [104165..104199], ndhA [complement(118662..119201)], ndhA [complement(120312..120863)], trnA-UGC [complement(133245..133279)], trnA-UGC [complement(134092..134129)], trnI-GAU [complement(134194..134228)], trnI-GAU [complement(135175..135211)], ndhB [140534..141310], ndhB [141992..142747]	trnK-UUU [complement(1855..4364)], rps16 [complement(5534..6412)], trnG-UCC [9610..10284], atpF [complement(12646..13426)], rpoC1 [complement(23047..23822)], ycf3 [complement(43208..43941)], ycf3 [complement(44170..44880)], trnL-UAA [47576..48064], trnV-UAC [complement(52107..52688)], clpP [complement(70558..71191)], clpP [complement(71483..72219)], petB [75225..75964], petD [76808..77537], rpl2 [complement(84827..85489)], ndhB [complement(95453..96133)], trnI-GAU [102270..103215], trnA-UGC [103353..104164], ndhA [complement(119202..120311)], trnA-UGC [complement(133280..134091)], trnI-GAU [complement(134229..135174)], ndhB [141311..141991]
1356.	ERM A	72	rps12 [complement(97349..97374)], rps12 [complement(97921..98149)], rps12 [complement(69108..69221)], trnK-UUU [complement(1404..1438)], trnK-UUU [complement(4075..4111)], rps16 [complement(4823..5040)], rps16 [complement(5897..5936)], trnG-UCC [8770..8792], trnG-UCC [9505..9546], atpF [complement(11476..11886)], atpF [complement(12676..12819)], rpoC1 [complement(20611..22243)], rpoC1 [complement(22985..23412)], ycf3	trnK-UUU [complement(1439..4074)], rps16 [complement(5041..5896)], trnG-UCC [8793..9504], atpF [complement(11887..12675)], rpoC1 [complement(22244..22984)], ycf3 [complement(42380..43114)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42219..42379)], ycf3 [complement(43115..43342)], ycf3 [complement(44070..44193)], trnL-UAA [46904..46938], trnL-UAA [47447..47496], trnV-UAC [complement(50956..50992)], trnV-UAC [complement(51581..51619)], rps12 [139466..139694], rps12 [140241..140266], clpP [complement(69351..69602)], clpP [complement(70253..70544)], clpP [complement(71391..71461)], petB [74398..74403], petB [75185..75832], petD [76037..76044], petD [76782..77301], rpl16 [complement(80769..81167)], rpl16 [complement(82292..82300)], rpl2 [complement(84137..84568)], rpl2 [complement(85231..85620)], ndhB [complement(94283..95038)], ndhB [complement(95743..96519)], trnI-GAU [102124..102165], trnI-GAU [103103..103137], trnA-UGC [103202..103239], trnA-UGC [104041..104075], ndhA [complement(119154..119692)], ndhA [complement(120748..121300)], trnA-UGC [complement(133540..133574)], trnA-UGC [complement(134376..134413)], trnI-GAU [complement(134478..134512)], trnI-GAU [complement(135450..135491)], ndhB [141096..141872], ndhB [142577..143332], rpl2 [151995..152384], rpl2 [153047..153478]	[complement(43343..44069)], trnL-UAA [46939..47446], trnV-UAC [complement(50993..51580)], clpP [complement(69603..70252)], clpP [complement(70545..71390)], petB [74404..75184], petD [76045..76781], rpl16 [complement(81168..82291)], rpl2 [complement(84569..85230)], ndhB [complement(95039..95742)], trnI-GAU [102166..103102], trnA-UGC [103240..104040], ndhA [complement(119693..120747)], trnA-UGC [complement(133575..134375)], trnI-GAU [complement(134513..135449)], ndhB [141873..142576], rpl2 [152385..153046]
1357.	ERME	64	rps12 [complement(91838..91866)], rps12 [complement(92407..92638)], rps12 [complement(68895..69008)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3920..3957)], rps16 [complement(4503..4720)], rps16 [complement(5554..5593)], trnG-UCC [complement(13211..13258)], trnG-UCC [complement(13940..13962)], atpF [34713..34871], atpF [35680..36087], ycf3 [complement(43883..44041)], ycf3 [complement(44773..45000)], ycf3 [complement(45727..45858)], trnL-UAA [48535..48569], trnL-UAA [49116..49165], trnV-UAC [complement(52676..52712)], trnV-UAC [complement(53315..53353)], rps12 [129109..129340], rps12 [129881..129909], petB [72764..72769], petB [73516..74163], petD [74352..74359], petD [75087..75561], rpl16 [complement(79138..79539)], rpl16 [complement(80467..80475)], rpl2 [complement(82434..82865)], rpl2 [complement(83535..83924)], ndhB [complement(88776..89531)], ndhB [complement(90242..91018)], trnI-GAU [96439..96480], trnI-GAU [97428..97462], trnA-UGC [97528..97565], trnA-UGC [98376..98410], ndhA	trnK-UUU [complement(1410..3919)], rps16 [complement(4721..5553)], trnG-UCC [complement(13259..13939)], atpF [34872..35679], ycf3 [complement(44042..44772)], ycf3 [complement(45001..45726)], trnL-UAA [48570..49115], trnV-UAC [complement(52713..53314)], petB [72770..73515], petD [74360..75086], rpl16 [complement(79540..80466)], rpl2 [complement(82866..83534)], ndhB [complement(89532..90241)], trnI-GAU [96481..97427], trnA-UGC [97566..98375], ndhA [complement(114439..115435)], trnA-UGC [complement(123372..124181)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(113899..114438)], ndhA [complement(115436..115975)], trnA-UGC [complement(123337..123371)], trnA-UGC [complement(124182..124219)], trnI-GAU [complement(124285..124319)], trnI-GAU [complement(125267..125308)], ndhB [130729..131505], ndhB [132216..132971], rpl2 [137823..138212], rpl2 [138882..139313]	GAU [complement(124320..125266)], ndhB [131506..132215], rpl2 [138213..138881]
1358.	ERMI	64	rps12 [complement(88804..88832)], rps12 [complement(89373..89604)], rps12 [complement(67188..67301)], trnK-UUU [complement(1368..1400)], trnK-UUU [complement(3889..3926)], rps16 [complement(4437..4654)], rps16 [complement(5486..5525)], trnG-UCC [complement(12816..12863)], trnG-UCC [complement(13548..13570)], atpF [33126..33284], atpF [34107..34514], ycf3 [complement(42319..42477)], ycf3 [complement(43207..43434)], ycf3 [complement(44182..44307)], trnL-UAA [47018..47052], trnL-UAA [47595..47644], trnV-UAC [complement(51226..51272)], trnV-UAC [complement(51858..51896)], rps12 [125736..125967], rps12 [126508..126536], petB [71036..71041], petB [71830..72477], petD [72660..72667], petD [73407..73881], rpl16 [complement(77437..77838)], rpl16 [complement(78936..78944)], rpl2 [complement(80887..81318)], rpl2 [complement(81979..82371)], ndhB [complement(85740..86496)], ndhB [complement(87209..87984)], trnI-GAU [93475..93516], trnI-GAU [94222..94256], trnA-UGC [94322..94359], trnA-UGC [95170..95204], ndhA [complement(110662..111201)], ndhA [complement(112231..112779)], trnA-UGC [complement(120136..120170)], trnA-UGC [complement(120981..121018)], trnI-GAU [complement(121084..121118)], trnI-GAU [complement(121824..121865)], ndhB [127356..128131], ndhB [128844..129600], rpl2 [132969..133361], rpl2 [134022..134453]	trnK-UUU [complement(1401..3888)], rps16 [complement(4655..5485)], trnG-UCC [complement(12864..13547)], atpF [33285..34106], ycf3 [complement(42478..43206)], ycf3 [complement(43435..44181)], trnL-UAA [47053..47594], trnV-UAC [complement(51273..51857)], petB [71042..71829], petD [72668..73406], rpl16 [complement(77839..78935)], rpl2 [complement(81319..81978)], ndhB [complement(86497..87208)], trnI-GAU [93517..94221], trnA-UGC [94360..95169], ndhA [complement(111202..112230)], trnA-UGC [complement(120171..120980)], trnI-GAU [complement(121119..121823)], ndhB [128132..128843], rpl2 [133362..134021]
1359.	ERMJ	25	trnK-UUU [complement(1390..1422)], trnK-UUU [complement(3917..3954)], trnG-UCC [complement(13075..13122)], trnG-UCC [complement(13804..13826)], rps12 [126204..126232]	trnK-UUU [complement(1423..3916)], rps16 [complement(4716..5575)], trnG-UCC [complement(13123..13803)], atpF [33151..33983], ycf3 [complement(42339..43067)], ycf3 [complement(43296..44038)], trnL-UAA [46521..47006], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(50734..51333)], petB [70667..71422], petD [72261..72981], rpl16 [complement(77405..78431)], rpl2 [complement(80783..81442)], ndhB [complement(85972..86683)], trnI-GAU [92832..93776], trnA-UGC [93915..94724], ndhA [complement(110842..111866)], trnA-UGC [complement(119797..120606)], trnI-GAU [complement(120745..121689)], ndhB [127838..128549], rpl2 [133079..133738]
1360.	ERML	25	trnK-UUU [complement(1365..1397)], trnK-UUU [complement(3907..3944)], trnG-UCC [complement(13029..13076)], trnG-UCC [complement(13756..13778)], rps12 [126375..126403]	trnK-UUU [complement(1398..3906)], rps16 [complement(4731..5572)], trnG-UCC [complement(13077..13755)], atpF [33260..34094], ycf3 [complement(42437..43161)], ycf3 [complement(43390..44163)], trnL-UAA [46697..47224], trnV-UAC [complement(50942..51542)], petB [70812..71566], petD [72405..73125], rpl16 [complement(77558..78583)], rpl2 [complement(80978..81637)], ndhB [complement(86156..86867)], trnI-GAU [93014..93957], trnA-UGC [94096..94905], ndhA [complement(111011..112037)], trnA-UGC [complement(119971..120780)], trnI-GAU [complement(120919..121862)], ndhB [128009..128720], rpl2 [133239..133898]
1361.	ERM N	50	rps12 [complement(92710..92735)], rps12 [complement(93270..93501)], rps12 [complement(67698..67811)], trnK-UUU [complement(1706..1740)], trnK-UUU [complement(4357..4390)], trnG-UCC [8180..8202], trnG-UCC [8893..8940], atpF [complement(10973..11383)], atpF [complement(12103..12246)], rpoC1 [complement(20101..21714)], rpoC1	trnK-UUU [complement(1741..4356)], trnG-UCC [8203..8892], atpF [complement(11384..12102)], rpoC1 [complement(21715..22471)], ycf3 [complement(42644..43465)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22472..22903)], ycf3 [complement(42491..42643)], ycf3 [complement(43466..43693)], ycf3 [complement(44429..44557)], trnL-UAA [47533..47569], trnL-UAA [48064..48113], trnV-UAC [complement(51262..51298)], trnV-UAC [complement(51906..51944)], clpP [complement(68828..69094)], clpP [complement(69638..69994)], petB [73315..73320], petB [74148..74789], petD [75010..75018], petD [75751..76227], rpl2 [complement(82469..82993)], rpl2 [complement(83474..83872)], ndhB [complement(89700..90455)], ndhB [complement(91135..91857)], trnI-GAU [97303..97344], trnI-GAU [98280..98314], trnA-UGC [98358..98395], trnA-UGC [99195..99229], ndhA [108859..109422], ndhA [110435..110974]	[complement(43694..44428)], trnL-UAA [47570..48063], trnV-UAC [complement(51299..51905)], clpP [complement(69095..69637)], petB [73321..74147], petD [75019..75750], rpl2 [complement(82994..83473)], ndhB [complement(90456..91134)], trnI-GAU [97345..98279], trnA-UGC [98396..99194], ndhA [109423..110434]
1362.	ERM U	25	trnK-UUU [complement(1386..1418)], trnK-UUU [complement(3905..3942)], trnG-UCC [complement(13052..13099)], trnG-UCC [complement(13783..13805)], rps12 [126565..126593]	trnK-UUU [complement(1419..3904)], rps16 [complement(4741..5572)], trnG-UCC [complement(13100..13782)], atpF [33455..34284], ycf3 [complement(42652..43387)], ycf3 [complement(43616..44355)], trnL-UAA [46861..47383], trnV-UAC [complement(51090..51690)], petB [71011..71757], petD [72596..73335], rpl16 [complement(77747..78771)], rpl2 [complement(81158..81817)], ndhB [complement(86354..87065)], trnI-GAU [93244..94188], trnA-UGC [94327..95136], ndhA [complement(111162..112190)], trnA-UGC [complement(120128..120937)], trnI-GAU [complement(121076..122020)], ndhB [128199..128910], rpl2 [133447..134106]
1363.	ERNO	67	rps12 [complement(105421..105449)], rps12 [complement(105989..106220)], rps12 [complement(76148..76261)], trnK [complement(1805..1839)], trnK [complement(4447..4483)], atpF [complement(11766..12176)], atpF [complement(12881..13039)], rpoC1 [complement(21191..22824)], rpoC1	trnK [complement(1840..4446)], atpF [complement(12177..12880)], rpoC1 [complement(22825..23587)], ycf3 [complement(47702..48433)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23588..24050)], ycf3 [complement(47549..47701)], ycf3 [complement(48434..48661)], ycf3 [complement(49387..49515)], trnL-UAA [51940..51976], trnL-UAA [52513..52562], trnV-UAC [complement(56282..56318)], trnV-UAC [complement(56926..56964)], rps12 [complement(76148..76261)], rps12 [149101..149331], rps12 [149874..149900], clpP [complement(76425..76652)], clpP [complement(77337..77630)], clpP [complement(78501..78569)], petB [81513..81518], petB [82340..82981], rpl2 [complement(91545..92017)], rpl2 [complement(92643..93036)], ndhB [complement(102355..103101)], ndhB [complement(103696..104574)], rps7 [complement(104889..105161)], rps7 [complement(105169..105357)], trnI-GAU [110315..110356], trnI-GAU [111301..111335], trnA-UGC [111400..111437], trnA-UGC [112236..112270], ndhA [complement(128032..128567)], ndhA [complement(129765..130317)], trnA-UGC [complement(143051..143085)], trnA-UGC [complement(143884..143921)], trnI-GAU [complement(143986..144020)], trnI-GAU [complement(144965..145006)], rps7 [149964..150150], rps7 [150158..150432], ndhB [150747..151625], ndhB [152220..152966], rpl2 [162285..162678], rpl2 [163304..163776]	[complement(48662..49386)], trnL-UAA [51977..52512], trnV-UAC [complement(56319..56925)], clpP [complement(76653..77336)], clpP [complement(77631..78500)], petB [81519..82339], rpl2 [complement(92018..92642)], ndhB [complement(103102..103695)], rps7 [complement(105162..105168)], trnI-GAU [110357..111300], trnA-UGC [111438..112235], ndhA [complement(128568..129764)], trnA-UGC [complement(143086..143883)], trnI-GAU [complement(144021..144964)], rps7 [150151..150157], ndhB [151626..152219], rpl2 [162679..163303]
1364.	EROB	25	trnK-UUU [complement(1447..1479)], trnK-UUU [complement(3985..4022)], trnG-UCC [complement(13145..13192)], trnG-UCC [complement(13874..13896)], rps12 [126165..126193]	trnK-UUU [complement(1480..3984)], rps16 [complement(4805..5641)], trnG-UCC [complement(13193..13873)], atpF [33211..34044], ycf3 [complement(42399..43127)], ycf3 [complement(43356..44096)], trnL-UAA [46579..47064], trnV-UAC [complement(50767..51366)], petB [70710..71468], petD [72307..73027], rpl16 [complement(77451..78476)], rpl2 [complement(80828..81487)], ndhB [complement(86017..86728)], trnI-GAU [92877..93821], trnA-UGC [93960..94769], ndhA [complement(110803..111827)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UGC [complement(119758..120567)], trnI-GAU [complement(120706..121650)], ndhB [127799..128510], rpl2 [133040..133699]
1365.	EROP	64	rps12 [complement(91878..91906)], rps12 [complement(92447..92678)], rps12 [complement(68935..69048)], trnK-UUU [complement(1384..1416)], trnK-UUU [complement(3917..3954)], rps16 [complement(4519..4736)], rps16 [complement(5573..5612)], trnG-UCC [complement(12985..13032)], trnG-UCC [complement(13730..13752)], atpF [34742..34900], atpF [35716..36123], ycf3 [complement(43830..43988)], ycf3 [complement(44721..44948)], ycf3 [complement(45681..45812)], trnL-UAA [48571..48605], trnL-UAA [49058..49107], trnV-UAC [complement(52753..52789)], trnV-UAC [complement(53392..53430)], rps12 [128419..128650], rps12 [129191..129219], petB [72803..72808], petB [73560..74207], petD [74395..74402], petD [75143..75617], rpl16 [complement(79176..79577)], rpl16 [complement(80653..80661)], rpl2 [complement(82613..83044)], rpl2 [complement(83708..84097)], ndhB [complement(88811..89566)], ndhB [complement(90271..91047)], trnI-GAU [96536..96577], trnI-GAU [97524..97558], trnA-UGC [97625..97662], trnA-UGC [98473..98507], ndhA [complement(113553..114092)], ndhA [complement(115101..115649)], trnA-UGC [complement(122590..122624)], trnA-UGC [complement(123435..123473)], trnI-GAU [complement(123539..123573)], trnI-GAU [complement(124520..124561)], ndhB [130050..130826], ndhB [131531..132286], rpl2 [137000..137389], rpl2 [138053..138484]	trnK-UUU [complement(1417..3916)], rps16 [complement(4737..5572)], trnG-UCC [complement(13033..13729)], atpF [34901..35715], ycf3 [complement(43989..44720)], ycf3 [complement(44949..45680)], trnL-UAA [48606..49057], trnV-UAC [complement(52790..53391)], petB [72809..73559], petD [74403..75142], rpl16 [complement(79578..80652)], rpl2 [complement(83045..83707)], ndhB [complement(89567..90270)], trnI-GAU [96578..97523], trnA-UGC [97663..98472], ndhA [complement(114093..115100)], trnA-UGC [complement(122625..123434)], trnI-GAU [complement(123574..124519)], ndhB [130827..131530], rpl2 [137390..138052]
1366.	ERPA	25	trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3885..3922)], trnG-UCC [complement(13014..13061)], trnG-UCC [complement(13744..13766)], rps12 [125966..125994]	trnK-UUU [complement(1405..3884)], rps16 [complement(4704..5543)], trnG-UCC [complement(13062..13743)], atpF [33289..34097], ycf3 [complement(42430..43155)], ycf3 [complement(43384..44142)], trnL-UAA [46537..47068], trnV-UAC [complement(50672..51272)], petB [70517..71265], petD [72104..72831], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(77238..78263)], rpl2 [complement(80650..81309)], ndhB [complement(85848..86559)], trnI-GAU [92733..93678], trnA-UGC [93817..94626], ndhA [complement(110604..111620)], trnA-UGC [complement(119533..120342)], trnI-GAU [complement(120481..121426)], ndhB [127600..128311], rpl2 [132850..133509]
1367.	ERPI	64	rps12 [complement(92279..92307)], rps12 [complement(92848..93079)], rps12 [complement(69241..69354)], trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3917..3954)], rps16 [complement(4509..4721)], rps16 [complement(5557..5601)], trnG-UCC [complement(13347..13394)], trnG-UCC [complement(14093..14115)], atpF [35083..35226], atpF [36057..36464], ycf3 [complement(44234..44392)], ycf3 [complement(45131..45358)], ycf3 [complement(46092..46223)], trnL-UAA [48993..49027], trnL-UAA [49479..49528], trnV-UAC [complement(53197..53233)], trnV-UAC [complement(53836..53874)], rps12 [129646..129877], rps12 [130418..130446], petB [73110..73115], petB [73869..74516], petD [74699..74706], petD [75447..75921], rpl16 [complement(79486..79887)], rpl16 [complement(80952..80960)], rpl2 [complement(82920..83351)], rpl2 [complement(84015..84404)], ndhB [complement(89214..89969)], ndhB [complement(90674..91450)], trnI-GAU [96946..96987], trnI-GAU [97934..97968], trnA-UGC [98039..98076], trnA-UGC [98889..98923], ndhA [complement(114326..114865)], ndhA [complement(115888..116436)], trnA-UGC [complement(123802..123836)], trnA-UGC [complement(124649..124686)], trnI-GAU [complement(124757..124791)], trnI-GAU [complement(125738..125779)], ndhB [131275..132051], ndhB [132756..133511], rpl2 [138321..138710], rpl2 [139374..139805]	trnK-UUU [complement(1416..3916)], rps16 [complement(4722..5556)], trnG-UCC [complement(13395..14092)], atpF [35227..36056], ycf3 [complement(44393..45130)], ycf3 [complement(45359..46091)], trnL-UAA [49028..49478], trnV-UAC [complement(53234..53835)], petB [73116..73868], petD [74707..75446], rpl16 [complement(79888..80951)], rpl2 [complement(83352..84014)], ndhB [complement(89970..90673)], trnI-GAU [96988..97933], trnA-UGC [98077..98888], ndhA [complement(114866..115887)], trnA-UGC [complement(123837..124648)], trnI-GAU [complement(124792..125737)], ndhB [132052..132755], rpl2 [138711..139373]
1368.	ERPL	25	trnK-UUU [complement(1369..1401)], trnK-UUU [complement(3901..3938)], trnG-UCC [complement(13040..13087)], trnG-UCC [complement(13769..13791)], rps12 [126411..126439]	trnK-UUU [complement(1402..3900)], rps16 [complement(4721..5580)], trnG-UCC [complement(13088..13768)], atpF [33404..34227], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42571..43296)], ycf3 [complement(43525..44264)], trnL-UAA [46750..47267], trnV-UAC [complement(50970..51570)], petB [70917..71673], petD [72512..73232], rpl16 [complement(77630..78655)], rpl2 [complement(81041..81695)], ndhB [complement(86226..86937)], trnI-GAU [93086..94030], trnA-UGC [94169..94978], ndhA [complement(111045..112070)], trnA- UGC [complement(120004..120813)], trnI- GAU [complement(120952..121896)], ndhB [128045..128756], rpl2 [133287..133941]
1369.	ERPU	40	rps12 [complement(69137..69250)], trnK-UUU [complement(1391..1419)], trnK-UUU [complement(4054..4090)], trnG-GCC [9312..9334], trnG-GCC [10026..10072], trnL-UAA [48058..48092], trnL-UAA [48824..48873], trnV- UAC [complement(50996..51040)], trnV-UAC [complement(51609..51647)], rps12 [129624..129856], rps12 [130404..130428], clpP [complement(70292..70579)], trnI-GAU [101036..101077], trnI-GAU [102026..102060], trnA-UGC [102125..102162], trnA-UGC [102962..102996], trnA-UGC [complement(123901..123935)], trnA-UGC [complement(124735..124772)], trnI-GAU [complement(124837..124871)], trnI-GAU [complement(125820..125861)]	trnK-UUU [complement(1420..4053)], rps16 [complement(4848..5727)], trnG-GCC [9335..10025], atpF [complement(12432..13296)], rpoC1 [complement(22418..23176)], ycf3 [complement(43624..44409)], ycf3 [complement(44638..45362)], trnL-UAA [48093..48823], trnV-UAC [complement(51041..51608)], clpP [complement(69636..70291)], clpP [complement(70580..71539)], petB [74800..75506], petD [76358..77146], rpl16 [complement(81485..82490)], rpl2 [complement(84913..85572)], trnI-GAU [101078..102025], trnA-UGC [102163..102961], trnA-UGC [complement(123936..124734)], trnI-GAU [complement(124872..125819)], rpl2 [141326..141985]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1370.	ERRE	47	rps12 [complement(91750..91775)], rps12 [complement(92309..92540)], rps12 [complement(67035..67148)], trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4340..4373)], rpoC1 [13176..13607], rpoC1 [14325..15938], atpF [23835..23978], atpF [24679..25089], trnG-UCC [complement(27235..27282)], trnG-UCC [complement(27974..27996)], ycf3 [complement(42365..42517)], ycf3 [complement(43349..43576)], ycf3 [complement(44332..44457)], trnL-UAA [47348..47384], trnL-UAA [47878..47927], trnV-UAC [complement(51038..51074)], trnV-UAC [complement(51693..51731)], petB [71921..71926], petB [72772..73428], petD [73682..73689], petD [74418..74892], rpl2 [complement(81043..81477)], rpl2 [complement(82057..82446)], ndhB [complement(88734..89489)], ndhB [complement(90170..90892)], trnI-GAU [96569..96610], trnI-GAU [97550..97584], trnA-UGC [97628..97665], trnA-UGC [98467..98501], ndhA [109730..110293], ndhA [111329..111868]	trnK-UUU [complement(1730..4339)], rpoC1 [13608..14324], atpF [23979..24678], trnG-UCC [complement(27283..27973)], ycf3 [complement(42518..43348)], ycf3 [complement(43577..44331)], trnL-UAA [47385..47877], trnV-UAC [complement(51075..51692)], petB [71927..72771], petD [73690..74417], rpl2 [complement(81478..82056)], ndhB [complement(89490..90169)], trnI-GAU [96611..97549], trnA-UGC [97666..98466], ndhA [110294..111328]
1371.	ERRU	50	rps12 [complement(90867..90892)], rps12 [complement(91426..91657)], rps12 [complement(68661..68774)], trnK-UUU [complement(1712..1746)], trnK-UUU [complement(4412..4445)], trnG-UCC [8427..8449], trnG-UCC [9139..9186], atpF [complement(11367..11777)], atpF [complement(12488..12631)], rpoC1 [complement(20581..22194)], rpoC1 [complement(22927..23358)], ycf3 [complement(42841..42993)], ycf3 [complement(43840..44067)], ycf3 [complement(44815..44940)], trnL-UAA [48020..48056], trnL-UAA [48523..48572], trnV-UAC [complement(51693..51729)], trnV-UAC [complement(52339..52377)], clpP [complement(69301..69588)], clpP [complement(70117..70473)], petB [73754..73759], petB [74586..75227], petD [75439..75447], petD [76160..76636], rpl2 [complement(83043..83477)], rpl2 [complement(84057..84446)], ndhB [complement(87871..88626)], ndhB [complement(89306..90019)], trnI-GAU [95823..95864], trnI-GAU [96798..96832], trnA-UGC [96877..96914], trnA-UGC [97728..97762], ndhA [108800..109363], ndhA [110340..110885]	trnK-UUU [complement(1747..4411)], trnG-UCC [8450..9138], atpF [complement(11778..12487)], rpoC1 [complement(22195..22926)], ycf3 [complement(42994..43839)], ycf3 [complement(44068..44814)], trnL-UAA [48057..48522], trnV-UAC [complement(51730..52338)], clpP [complement(69589..70116)], petB [73760..74585], petD [75448..76159], rpl2 [complement(83478..84056)], ndhB [complement(88627..89305)], trnI-GAU [95865..96797], trnA-UGC [96915..97727], ndhA [109364..110339]
1372.	ERSC	69	rps12 [complement(98657..98682)], rps12 [complement(99219..99450)], rps12 [complement(69875..69988)], trnK-UUU [complement(1737..1771)],	trnK-UUU [complement(1772..4306)], rps16 [complement(5450..6309)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4307..4343)], rps16 [complement(5253..5449)], rps16 [complement(6310..6349)], atpF [complement(11610..11674)], atpF [complement(12786..12930)], rpoC1 [complement(20672..22288)], rpoC1 [complement(23025..23456)], ycf3 [complement(43733..43885)], ycf3 [complement(44624..44853)], ycf3 [complement(45585..45708)], trnL-UAA [48756..48792], trnL-UAA [49269..49318], trnV-UAC [complement(52452..52488)], trnV-UAC [complement(53108..53146)], rps12 [141504..141735], rps12 [142272..142297], clpP [complement(70092..70368)], clpP [complement(71004..71294)], clpP [complement(72212..72282)], petB [75212..75217], petB [76064..76705], petD [76893..76900], petD [77652..78126], rpl16 [complement(81627..82061)], rpl16 [complement(83121..83129)], rpl2 [complement(84878..85311)], rpl2 [complement(85984..86374)], ndhB [complement(95592..96347)], ndhB [complement(97035..97811)], trnI-GAU [103399..103435], trnI-GAU [104389..104421], trnA-UGC [104488..104525], trnA-UGC [105318..105352], ndhA [complement(120985..121523)], ndhA [complement(122665..123217)], trnA-UGC [complement(135602..135636)], trnA-UGC [complement(136429..136466)], trnI-GAU [complement(136531..136565)], trnI-GAU [complement(137519..137555)], ndhB [143143..143919], ndhB [144607..145362], rpl2 [154580..154970], rpl2 [155643..156076]	[complement(11675..12785)], rpoC1 [complement(22289..23024)], ycf3 [complement(43886..44623)], ycf3 [complement(44854..45584)], trnL-UAA [48793..49268], trnV-UAC [complement(52489..53107)], clpP [complement(70369..71003)], clpP [complement(71295..72211)], petB [75218..76063], petD [76901..77651], rpl16 [complement(82062..83120)], rpl2 [complement(85312..85983)], ndhB [complement(96348..97034)], trnI-GAU [103436..104388], trnA-UGC [104526..105317], ndhA [complement(121524..122664)], trnA-UGC [complement(135637..136428)], trnI-GAU [complement(136566..137518)], ndhB [143920..144606], rpl2 [154971..155642]
1373.	ERSE	25	trnK-UUU [complement(1373..1405)], trnK-UUU [complement(3909..3946)], trnG-UCC [complement(13019..13066)], trnG-UCC [complement(13751..13773)], rps12 [126167..126195]	trnK-UUU [complement(1406..3908)], rps16 [complement(4737..5572)], trnG-UCC [complement(13067..13750)], atpF [33223..34049], ycf3 [complement(42400..43125)], ycf3 [complement(43354..44092)], trnL-UAA [46577..47099], trnV-UAC [complement(50803..51403)], petB [70699..71447], petD [72286..73023], rpl16 [complement(77427..78436)], rpl2 [complement(80823..81482)], ndhB [complement(86024..86735)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[92879..93825], trnA-UGC [93964..94773], ndhA [complement(110790..111847)], trnA-UGC [complement(119763..120572)], trnI-GAU [complement(120711..121657)], ndhB [127801..128512], rpl2 [133054..133713]
1374.	ERSF	64	rps12 [complement(88886..88914)], rps12 [complement(89455..89686)], rps12 [complement(67352..67465)], trnK-UUU [complement(1450..1484)], trnK-UUU [complement(3953..3989)], rps16 [complement(4495..4712)], rps16 [complement(5564..5603)], trnG-UCC [complement(12964..13011)], trnG-UCC [complement(13686..13708)], atpF [33184..33328], atpF [34167..34573], ycf3 [complement(42371..42529)], ycf3 [complement(43256..43485)], ycf3 [complement(44227..44350)], trnL-UAA [47083..47117], trnL-UAA [47664..47713], trnV-UAC [complement(51319..51353)], trnV-UAC [complement(51951..51989)], rps12 [125659..125890], rps12 [126431..126459], petB [71205..71210], petB [71994..72635], petD [72818..72825], petD [73566..74040], rpl16 [complement(77587..77988)], rpl16 [complement(79032..79040)], rpl2 [complement(80985..81415)], rpl2 [complement(82079..82469)], ndhB [complement(85822..86577)], ndhB [complement(87290..88066)], trnI-GAU [93518..93554], trnI-GAU [94270..94304], trnA-UGC [94370..94407], trnA-UGC [95218..95252], ndhA [complement(110612..111150)], ndhA [complement(112191..112740)], trnA-UGC [complement(120093..120127)], trnA-UGC [complement(120938..120975)], trnI-GAU [complement(121041..121075)], trnI-GAU [complement(121791..121827)], ndhB [127279..128055], ndhB [128768..129523], rpl2 [132876..133266], rpl2 [133930..134360]	trnK-UUU [complement(1485..3952)], rps16 [complement(4713..5563)], trnG-UCC [complement(13012..13685)], atpF [33329..34166], ycf3 [complement(42530..43255)], ycf3 [complement(43486..44226)], trnL-UAA [47118..47663], trnV-UAC [complement(51354..51950)], petB [71211..71993], petD [72826..73565], rpl16 [complement(77989..79031)], rpl2 [complement(81416..82078)], ndhB [complement(86578..87289)], trnI-GAU [93555..94269], trnA-UGC [94408..95217], ndhA [complement(111151..112190)], trnA-UGC [complement(120128..120937)], trnI-GAU [complement(121076..121790)], ndhB [128056..128767], rpl2 [133267..133929]
1375.	ERSH	25	trnK-UUU [complement(1373..1405)], trnK-UUU [complement(3882..3919)], trnG-UCC [complement(13025..13072)], trnG-UCC [complement(13749..13771)], rps12 [126172..126200]	trnK-UUU [complement(1406..3881)], rps16 [complement(4695..5556)], trnG-UCC [complement(13073..13748)], atpF [33352..34162], ycf3 [complement(42469..43194)], ycf3 [complement(43423..44164)], trnL-UAA [46656..47187], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(50879..51479)], petB [70742..71488], petD [72327..73048], rpl16 [complement(77456..78482)], rpl2 [complement(80870..81529)], ndhB [complement(86067..86778)], trnI-GAU [92952..93896], trnA-UGC [94035..94844], ndhA [complement(110811..111827)], trnA-UGC [complement(119740..120549)], trnI-GAU [complement(120688..121632)], ndhB [127806..128517], rpl2 [133055..133714]
1376.	ERSI	40	trnK-UUU [complement(1482..1516)], trnK-UUU [complement(4129..4165)], trnG-GCC [8513..8536], trnG-GCC [9259..9306], trnL-UAA [45607..45641], trnL-UAA [46211..46260], trnV-UAC [49406..49442], trnV-UAC [50032..50070], rps12 [138016..138041], trnI-GAU [99862..99898], trnI-GAU [100830..100864], trnA-UGC [100929..100966], trnA-UGC [101763..101797], trnA-UGC [complement(131376..131410)], trnA-UGC [complement(132207..132245)], trnI-GAU [complement(132309..132343)], trnI-GAU [complement(133275..133311)]	trnK-UUU [complement(1517..4128)], rps16 [complement(5035..5897)], trnG-GCC [8537..9258], atpF [complement(11643..12426)], rpoC1 [complement(21793..22493)], ycf3 [complement(41094..41807)], ycf3 [complement(42036..42756)], trnL-UAA [45642..46210], trnV-UAC [49443..50031], clpP [complement(68564..69153)], clpP [complement(69445..70298)], petB [73327..74122], petD [74973..75738], rpl16 [complement(79952..80699)], rpl2 [complement(82936..83595)], ndhB [complement(92829..93514)], trnI-GAU [99899..100829], trnA-UGC [100967..101762], ndhA [complement(117664..118681)], trnA-UGC [complement(131411..132206)], trnI-GAU [complement(132344..133274)], ndhB [139659..140344], rpl2 [149575..150237]
1377.	ERSL	24	rps12 [complement(73020..73133)], rps12 [145350..145375]	trnK-UUU [complement(1804..4324)], trnG-UCC [10337..11032], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(13428..14151)], rpoC1 [complement(23784..24580)], ycf3 [complement(45844..46584)], ycf3 [complement(46814..47525)], trnL-UAA [50594..51087], trnV-UAC [complement(55469..56050)], clpP [complement(73531..74151)], clpP [complement(74441..75259)], petB [78224..79021], petD [79880..80604], rpl16 [complement(84975..85983)], rpl2 [complement(88178..88833)], ndhB [complement(99148..99847)], trnI-GAU [106320..107264], trnA-UGC [107402..108201], ndhA [complement(124702..125601)], trnA-UGC [complement(138643..139442)], trnI-GAU [complement(139580..140524)], ndhB [146997..147696], rpl2 [158011..158666]
1378.	ERST	64	rps12 [complement(88372..88400)], rps12 [complement(88941..89172)], rps12 [complement(66920..67033)], trnK-UUU [complement(1373..1405)], trnK-UUU [complement(3882..3919)], rps16 [complement(4477..4700)], rps16 [complement(5556..5595)], trnG-UCC [complement(12993..13040)], trnG- UCC [complement(13717..13739)], atpF [33160..33318], atpF [34130..34537], ycf3 [complement(42281..42439)], ycf3 [complement(43166..43393)], ycf3 [complement(44142..44267)], trnL-UAA [46591..46625], trnL-UAA [47158..47210], trnV-UAC [complement(50812..50858)], trnV-UAC [complement(51450..51488)], rps12 [125424..125655], rps12 [126196..126224], petB [70722..70727], petB [71477..72124], petD [72307..72314], petD [73037..73511], rpl16 [complement(77020..77442)], rpl16 [complement(78470..78478)], rpl2 [complement(80426..80857)], rpl2 [complement(81518..81910)], ndhB [complement(85299..86055)], ndhB [complement(86768..87543)], trnI-GAU [92898..92939], trnI-GAU	trnK-UUU [complement(1406..3881)], rps16 [complement(4701..5555)], trnG-UCC [complement(13041..13716)], atpF [33319..34129], ycf3 [complement(42440..43165)], ycf3 [complement(43394..44141)], trnL-UAA [46626..47157], trnV-UAC [complement(50859..51449)], petB [70728..71476], petD [72315..73036], rpl16 [complement(77443..78469)], rpl2 [complement(80858..81517)], ndhB [complement(86056..86767)], trnI-GAU [92940..93884], trnA-UGC [94023..94832], ndhA [complement(110835..111851)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[93885..93919], trnA-UGC [93985..94022], trnA-UGC [94833..94867], ndhA [complement(110295..110834)], ndhA [complement(111852..112400)], trnA-UGC [complement(119729..119763)], trnA-UGC [complement(120574..120611)], trnI-GAU [complement(120677..120711)], trnI-GAU [complement(121657..121698)], ndhB [127053..127829], ndhB [128542..129297], rpl2 [132686..133078], rpl2 [133739..134170]	UGC [complement(119764..120573)], trnI-GAU [complement(120712..121656)], ndhB [127830..128541], rpl2 [133079..133738]
1379.	ERSU	25	trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3879..3916)], trnG-UCC [complement(12992..13039)], trnG-UCC [complement(13716..13738)], rps12 [126146..126174]	trnK-UUU [complement(1405..3878)], rps16 [complement(4690..5530)], trnG-UCC [complement(13040..13715)], atpF [33300..34110], ycf3 [complement(42408..43134)], ycf3 [complement(43363..44104)], trnL-UAA [46589..47120], trnV-UAC [complement(50800..51400)], petB [70674..71421], petD [72260..72981], rpl16 [complement(77391..78417)], rpl2 [complement(80808..81467)], ndhB [complement(85988..86699)], trnI-GAU [92873..93817], trnA-UGC [93956..94765], ndhA [complement(110785..111801)], trnA-UGC [complement(119714..120523)], trnI-GAU [complement(120662..121606)], ndhB [127780..128491], rpl2 [133012..133671]
1380.	ERTA	64	rps12 [complement(88291..88319)], rps12 [complement(88860..89091)], rps12 [complement(66710..66823)], trnK-UUU [complement(1373..1405)], trnK-UUU [complement(3893..3930)], rps16 [complement(4448..4659)], rps16 [complement(5491..5530)], trnG-UCC [complement(12830..12877)], trnG-UCC [complement(13559..13581)], atpF [32879..33037], atpF [33865..34272], ycf3 [complement(42086..42244)], ycf3 [complement(42970..43197)], ycf3 [complement(43935..44060)], trnL-UAA [46377..46411], trnL-UAA [46954..47003], trnV-UAC [complement(50558..50604)], trnV-UAC [complement(51190..51228)], rps12 [125147..125378], rps12	trnK-UUU [complement(1406..3892)], rps16 [complement(4660..5490)], trnG-UCC [complement(12878..13558)], atpF [33038..33864], ycf3 [complement(42245..42969)], ycf3 [complement(43198..43934)], trnL-UAA [46412..46953], trnV-UAC [complement(50605..51189)], petB [70564..71316], petD [72158..72896], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[125919..125947], petB [70558..70563], petB [71317..71964], petD [72150..72157], petD [72897..73371], rpl16 [complement(76924..77325)], rpl16 [complement(78421..78429)], rpl2 [complement(80370..80801)], rpl2 [complement(81462..81854)], ndhB [complement(85227..85983)], ndhB [complement(86696..87471)], trnI-GAU [92924..92965], trnI-GAU [93671..93705], trnA-UGC [93771..93808], trnA-UGC [94619..94653], ndhA [complement(110119..110658)], ndhA [complement(111682..112230)], trnA-UGC [complement(119585..119619)], trnA-UGC [complement(120430..120467)], trnI-GAU [complement(120533..120567)], trnI-GAU [complement(121273..121314)], ndhB [126767..127542], ndhB [128255..129011], rpl2 [132384..132776], rpl2 [133437..133868]	[complement(77326..78420)], rpl2 [complement(80802..81461)], ndhB [complement(85984..86695)], trnI-GAU [92966..93670], trnA-UGC [93809..94618], ndhA [complement(110659..111681)], trnA-UGC [complement(119620..120429)], trnI-GAU [complement(120568..121272)], ndhB [127543..128254], rpl2 [132777..133436]
1381.	ERTE	30	trnK-UUU [complement(2299..2333)], trnK-UUU [complement(5319..5355)], rps12 [complement(47741..47854)], trnL-UAA [72495..72529], trnL-UAA [73051..73100], trnV-UAC [complement(76246..76280)], trnV-UAC [complement(76910..76948)], trnA-UGC [complement(106169..106203)], trnA-UGC [complement(107000..107037)], trnI-GAU [complement(107102..107136)], trnI-GAU [complement(108108..108144)], trnG-UCC [complement(116527..116574)], trnG-UCC [complement(117286..117308)]	trnK-UUU [complement(2334..5318)], petB [12946..13818], petD [14687..15427], ndhB [26751..27437], rpl2 [30299..30989], clpP [34375..34957], clpP [complement(48802..49384)], ycf3 [complement(50740..51573)], ycf3 [complement(51802..52541)], rpoC1 [complement(61828..62585)], trnL-UAA [72530..73050], trnV-UAC [complement(76281..76909)], trnA-UGC [complement(106204..106999)], trnI-GAU [complement(107137..108107)], atpF [113163..113892], trnG-UCC [complement(116575..117285)], ndhA [123613..124489]
1382.	ERTI	25	trnK-UUU [complement(1386..1418)], trnK-UUU [complement(3919..3956)], trnG-UCC [complement(12906..12953)], trnG-UCC [complement(13635..13657)], rps12 [126163..126191]	trnK-UUU [complement(1419..3918)], rps16 [complement(4738..5595)], trnG-UCC [complement(12954..13634)], atpF [33267..34102], ycf3 [complement(42448..43175)], ycf3 [complement(43404..44143)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[46623..47145], trnV-UAC [complement(50852..51452)], petB [70772..71524], petD [72363..73083], rpl16 [complement(77492..78516)], rpl2 [complement(80904..81563)], ndhB [complement(86100..86811)], trnI-GAU [92953..93897], trnA-UGC [94036..94845], ndhA [complement(110806..111831)], trnA-UGC [complement(119763..120572)], trnI-GAU [complement(120711..121655)], ndhB [127797..128508], rpl2 [133045..133704]
1383.	ERTN	64	rps12 [complement(87868..87896)], rps12 [complement(88437..88668)], rps12 [complement(66275..66388)], trnK-UUU [complement(1393..1427)], trnK-UUU [complement(3905..3941)], rps16 [complement(4372..4589)], rps16 [complement(5427..5466)], trnG-UCC [complement(12670..12717)], trnG-UCC [complement(13399..13421)], atpF [32500..32644], atpF [33479..33885], ycf3 [complement(41683..41814)], ycf3 [complement(42574..42803)], ycf3 [complement(43542..43665)], trnL-UAA [46274..46308], trnL-UAA [46858..46907], trnV-UAC [complement(50509..50543)], trnV-UAC [complement(51141..51179)], rps12 [121493..121724], rps12 [122265..122293], petB [70120..70125], petB [70889..71530], petD [71713..71720], petD [72454..72928], rpl16 [complement(76488..76889)], rpl16 [complement(78000..78008)], rpl2 [complement(79955..80385)], rpl2 [complement(81049..81439)], ndhB [complement(84804..85559)], ndhB [complement(86272..87048)], trnI-GAU [92507..92543], trnI-GAU [93255..93289], trnA-UGC [93355..93392], trnA-UGC [94203..94237], ndhA [complement(108083..108621)], ndhA [complement(109645..110194)], trnA-UGC [complement(115924..115958)], trnA-UGC [complement(116769..116806)], trnI-GAU [complement(116872..116906)], trnI-GAU [complement(117618..117654)], ndhB [123113..123889], ndhB [124602..125357], rpl2 [128722..129112], rpl2 [129776..130206]	trnK-UUU [complement(1428..3904)], rps16 [complement(4590..5426)], trnG-UCC [complement(12718..13398)], atpF [32645..33478], ycf3 [complement(41815..42573)], ycf3 [complement(42804..43541)], trnL-UAA [46309..46857], trnV-UAC [complement(50544..51140)], petB [70126..70888], petD [71721..72453], rpl16 [complement(76890..77999)], rpl2 [complement(80386..81048)], ndhB [complement(85560..86271)], trnI-GAU [92544..93254], trnA-UGC [93393..94202], ndhA [complement(108622..109644)], trnA-UGC [complement(115959..116768)], trnI-GAU [complement(116907..117617)], ndhB [123890..124601], rpl2 [129113..129775]
1384.	ERTO	25	trnK-UUU [complement(1394..1426)], trnK-UUU [complement(3903..3940)],	trnK-UUU [complement(1427..3902)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [complement(13047..13094)], trnG-UCC [complement(13771..13793)], rps12 [126235..126263]	[complement(4716..5577)], trnG-UCC [complement(13095..13770)], atpF [33375..34185], ycf3 [complement(42492..43217)], ycf3 [complement(43446..44187)], trnL-UAA [46672..47203], trnV-UAC [complement(50895..51495)], petB [70749..71495], petD [72334..73055], rpl16 [complement(77463..78489)], rpl2 [complement(80877..81536)], ndhB [complement(86074..86785)], trnI-GAU [92959..93903], trnA-UGC [94042..94851], ndhA [complement(110874..111890)], trnA-UGC [complement(119803..120612)], trnI-GAU [complement(120751..121695)], ndhB [127869..128580], rpl2 [133118..133777]
1385.	ERTR	50	rps12 [complement(96831..96856)], rps12 [complement(97390..97621)], rps12 [complement(83110..83223)], trnK-UUU [complement(1693..1727)], trnK-UUU [complement(4360..4383)], trnG-UCC [8881..8903], trnG-UCC [9602..9649], atpF [complement(11856..12266)], atpF [complement(12969..13112)], rpoC1 [complement(20995..22608)], rpoC1 [complement(23341..23772)], ycf3 [complement(43951..44103)], ycf3 [complement(44934..45161)], ycf3 [complement(45917..46042)], trnL-UAA [49148..49184], trnL-UAA [49680..49729], trnV-UAC [complement(52851..52887)], trnV-UAC [complement(53495..53533)], clpP [complement(68154..68390)], clpP [complement(68936..69292)], petB [72600..72605], petB [73493..74071], petD [74293..74301], petD [75028..75504], rpl2 [complement(83977..84411)], rpl2 [complement(84999..85388)], ndhB [complement(93814..94569)], ndhB [complement(95249..95971)], trnI-GAU [101751..101792], trnI-GAU [102728..102762], trnA-UGC [102806..102843], trnA-UGC [103639..103673], ndhA [115901..116453], ndhA [117479..118020]	trnK-UUU [complement(1728..4359)], trnG-UCC [8904..9601], atpF [complement(12267..12968)], rpoC1 [complement(22609..23340)], ycf3 [complement(44104..44933)], ycf3 [complement(45162..45916)], trnL-UAA [49185..49679], trnV-UAC [complement(52888..53494)], clpP [complement(68391..68935)], petB [72606..73492], petD [74302..75027], rpl2 [complement(84412..84998)], ndhB [complement(94570..95248)], trnI-GAU [101793..102727], trnA-UGC [102844..103638], ndhA [116454..117478]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1386.	ERTU	64	rps12 [complement(88387..88415)], rps12 [complement(88956..89187)], rps12 [complement(66911..67024)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(3880..3916)], rps16 [complement(4484..4725)], rps16 [complement(5583..5622)], trnG-UCC [complement(13060..13107)], trnG-UCC [complement(13789..13811)], atpF [33038..33182], atpF [34016..34422], ycf3 [complement(42194..42352)], ycf3 [complement(43084..43313)], ycf3 [complement(44059..44182)], trnL-UAA [46456..46490], trnL-UAA [47014..47063], trnV-UAC [complement(50728..50762)], trnV-UAC [complement(51366..51400)], rps12 [125532..125763], rps12 [126304..126332], petB [70707..70712], petB [71474..72115], petD [72298..72305], petD [73027..73501], rpl16 [complement(77016..77438)], rpl16 [complement(78491..78499)], rpl2 [complement(80442..80872)], rpl2 [complement(81536..81926)], ndhB [complement(85314..86069)], ndhB [complement(86782..87558)], trnI-GAU [92888..92924], trnI-GAU [93874..93908], trnA-UGC [93974..94011], trnA-UGC [94822..94856], ndhA [complement(110377..110915)], ndhA [complement(111941..112490)], trnA-UGC [complement(119863..119897)], trnA-UGC [complement(120708..120745)], trnI-GAU [complement(120811..120845)], trnI-GAU [complement(121795..121831)], ndhB [127161..127937], ndhB [128650..129405], rpl2 [132793..133183], rpl2 [133847..134277]	trnK-UUU [complement(1412..3879)], rps16 [complement(4726..5582)], trnG-UCC [complement(13108..13788)], atpF [33183..34015], ycf3 [complement(42353..43083)], ycf3 [complement(43314..44058)], trnL-UAA [46491..47013], trnV-UAC [complement(50763..51365)], petB [70713..71473], petD [72306..73026], rpl16 [complement(77439..78490)], rpl2 [complement(80873..81535)], ndhB [complement(86070..86781)], trnI-GAU [92925..93873], trnA-UGC [94012..94821], ndhA [complement(110916..111940)], trnA-UGC [complement(119898..120707)], trnI-GAU [complement(120846..121794)], ndhB [127938..128649], rpl2 [133184..133846]
1387.	ERW A	25	trnK-UUU [complement(1403..1435)], trnK-UUU [complement(3916..3953)], trnG-UCC [complement(13200..13247)], trnG-UCC [complement(13939..13961)], rps12 [128528..128556]	trnK-UUU [complement(1436..3915)], rps16 [complement(4719..5572)], trnG-UCC [complement(13248..13938)], atpF [34507..35313], ycf3 [complement(43658..44387)], ycf3 [complement(44616..45349)], trnL-UAA [48154..48702], trnV-UAC [complement(52370..52965)], petB [72542..73312], petD [74151..74890], rpl16 [complement(79316..80378)], rpl2 [complement(82776..83438)], ndhB [complement(87946..88657)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[94935..95887], trnA-UGC [96026..96835], ndhA [complement(113002..114027)], trnA-UGC [complement(121985..122794)], trnI-GAU [complement(122933..123885)], ndhB [130163..130874], rpl2 [135382..136044]
1388.	ESBL	72	rps12 [complement(97437..97463)], rps12 [complement(97999..98229)], rps12 [complement(69782..69895)], trnK-UUU [complement(1592..1626)], trnK-UUU [complement(4151..4187)], rps16 [complement(5003..5214)], rps16 [complement(6106..6145)], rpoC1 [15952..16402], rpoC1 [17146..18785], atpF [26740..26883], atpF [27593..28003], trnG [complement(30026..30072)], trnG [complement(30806..30829)], ycf3 [complement(42403..42555)], ycf3 [complement(43295..43522)], ycf3 [complement(44223..44348)], trnL-UAA [47335..47371], trnL-UAA [47810..47859], trnV-UAC [complement(51416..51452)], trnV-UAC [complement(52026..52063)], rps12 [138485..138715], rps12 [139227..139277], clpP [complement(70096..70356)], clpP [complement(70939..71229)], clpP [complement(72044..72112)], petB [75086..75091], petB [75864..76505], petD [76694..76701], petD [77462..77942], rpl16 [complement(81408..81806)], rpl16 [complement(82651..82659)], rpl2 [complement(84326..84760)], rpl2 [complement(85429..85821)], ndhB [complement(94413..95168)], ndhB [complement(95842..96618)], trnI-GAU [102149..102191], trnI-GAU [102968..103002], trnA-UGC [103067..103104], trnA-UGC [103925..103959], ndhA [complement(118879..119418)], ndhA [complement(120483..121034)], trnA-UGC [complement(132755..132789)], trnA-UGC [complement(133610..133647)], trnI-GAU [complement(133712..133746)], trnI-GAU [complement(134523..134565)], ndhB [140096..140872], ndhB [141546..142301], rpl2 [150893..151285], rpl2 [151954..152388]	trnK-UUU [complement(1627..4150)], rps16 [complement(5215..6105)], rpoC1 [16403..17145], atpF [26884..27592], trnG [complement(30073..30805)], ycf3 [complement(42556..43294)], ycf3 [complement(43523..44222)], trnL-UAA [47372..47809], trnV-UAC [complement(51453..52025)], clpP [complement(70357..70938)], clpP [complement(71230..72043)], petB [75092..75863], petD [76702..77461], rpl16 [complement(81807..82650)], rpl2 [complement(84761..85428)], ndhB [complement(95169..95841)], trnI-GAU [102192..102967], trnA-UGC [103105..103924], ndhA [complement(119419..120482)], trnA-UGC [complement(132790..133609)], trnI-GAU [complement(133747..134522)], ndhB [140873..141545], rpl2 [151286..151953]
1389.	EUAL	37	rps12 [complement(98686..98711)], rps12 [complement(99248..99479)], rps12 [complement(70677..70790)], trnK-UUU [complement(1720..1754)], trnK-UUU [complement(4281..4317)], trnL-UAA [complement(47950..47986)], trnL-UAA [complement(48495..48544)], trnV-UAC [complement(51768..51804)], trnV-UAC [complement(52391..52429)],	trnK-UUU [complement(1755..4280)], rps16 [complement(5409..6271)], atpF [complement(11994..12707)], rpoC1 [complement(22438..23168)], ycf3 [complement(42939..43675)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [140898..141129], rps12 [141666..141691], trnI-GAU [103234..103275], trnI-GAU [104220..104254], trnI-GAU [complement(136123..136157)], trnI-GAU [complement(137102..137143)]	[complement(43904..44616)], trnL-UAA [complement(47987..48494)], trnV-UAC [complement(51805..52390)], clpP [complement(71158..71815)], clpP [complement(72107..72928)], petB [75935..76691], petD [77555..78290], rpl16 [complement(82608..83676)], rpl2 [complement(85705..86366)], ndhB [complement(96384..97062)], trnI-GAU [103276..104219], trnA-UGC [104357..105163], ndhA [complement(121205..122261)], trnA-UGC [complement(135214..136020)], trnI-GAU [complement(136158..137101)], ndhB [143315..143993], rpl2 [154011..154672]
1390.	EUAR	72	trnK [complement(1887..1921)], trnK [complement(4473..4509)], rps16 [complement(5094..5287)], rps16 [complement(6164..6203)], trnG [9752..9774], trnG [10520..10568], atpF [complement(12811..13235)], atpF [complement(13981..14125)], rpoC1 [complement(22267..23883)], rpoC1 [complement(24619..25071)], ycf3 [complement(46055..46207)], ycf3 [complement(46942..47171)], ycf3 [complement(47931..48054)], trnL [51362..51396], trnL [51907..51952], trnV [complement(55148..55182)], trnV [complement(55782..55820)], rps12 [74329..74442], rps12 [145664..145902], rps12 [146431..146467], rps12 [complement(103181..103411)], rps12 [complement(102608..102634)], clpP [complement(74609..74836)], clpP [complement(75458..75749)], clpP [complement(76631..76701)], petB [79515..79520], petB [80293..80934], petD [81127..81134], petD [81905..82379], rpl16 [complement(85885..86283)], rpl16 [complement(87277..87285)], rpl2 [complement(88966..89399)], rpl2 [complement(90064..90454)], ndhB [complement(99546..100301)], ndhB [complement(100985..101761)], trnI [107364..107400], trnI [108353..108387], trnA [108457..108494], trnA [109298..109332], ndhA	trnK [complement(1922..4472)], rps16 [complement(5288..6163)], trnG [9775..10519], atpF [complement(13236..13980)], rpoC1 [complement(23884..24618)], ycf3 [complement(46208..46941)], ycf3 [complement(47172..47930)], trnL [51397..51906], trnV [complement(55183..55781)], clpP [complement(74837..75457)], clpP [complement(75750..76630)], petB [79521..80292], petD [81135..81904], rpl16 [complement(86284..87276)], rpl2 [complement(89400..90063)], ndhB [complement(100302..100984)], trnI [107401..108352], trnA [108495..109297], ndhA [complement(125640..126704)], trnA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(125100..125639)], ndhA [complement(126705..127256)], trnA [complement(139743..139777)], trnA [complement(140581..140618)], trnI [complement(140689..140723)], trnI [complement(141676..141712)], ndhB [147314..148090], ndhB [148774..149529], rpl2 [158621..159011], rpl2 [159676..160109]	[complement(139778..140580)], trnI [complement(140724..141675)], ndhB [148091..148773], rpl2 [159012..159675]
1391.	EUAU	64	rps12 [complement(92058..92086)], rps12 [complement(92627..92858)], rps12 [complement(69015..69128)], trnK-UUU [complement(1373..1405)], trnK-UUU [complement(3900..3937)], rps16 [complement(4487..4704)], rps16 [complement(5545..5584)], trnG-UCC [complement(13297..13344)], trnG-UCC [complement(14043..14065)], atpF [34820..34978], atpF [35791..36198], ycf3 [complement(43946..44104)], ycf3 [complement(44843..45070)], ycf3 [complement(45815..45946)], trnL [48683..48717], trnL [48990..49043], trnV-UAC [complement(52733..52769)], trnV-UAC [complement(53372..53410)], rps12 [129475..129706], rps12 [130247..130275], petB [72882..72887], petB [73619..74266], petD [74449..74456], petD [75198..75672], rpl16 [complement(79229..79630)], rpl16 [complement(80692..80700)], rpl2 [complement(82689..83120)], rpl2 [complement(83784..84173)], ndhB [complement(88992..89747)], ndhB [complement(90452..91228)], trnI-GAU [96731..96772], trnI-GAU [97719..97753], trnA-UGC [97819..97856], trnA-UGC [98667..98701], ndhA [complement(114147..114686)], ndhA [complement(115709..116257)], trnA-UGC [complement(123632..123666)], trnA-UGC [complement(124477..124514)], trnI-GAU [complement(124580..124614)], trnI-GAU [complement(125561..125602)], ndhB [131105..131881], ndhB [132586..133341], rpl2 [138160..138549], rpl2 [139213..139644]	trnK-UUU [complement(1406..3899)], rps16 [complement(4705..5544)], trnG-UCC [complement(13345..14042)], atpF [34979..35790], ycf3 [complement(44105..44842)], ycf3 [complement(45071..45814)], trnL [48718..48989], trnV-UAC [complement(52770..53371)], petB [72888..73618], petD [74457..75197], rpl16 [complement(79631..80691)], rpl2 [complement(83121..83783)], ndhB [complement(89748..90451)], trnI-GAU [96773..97718], trnA-UGC [97857..98666], ndhA [complement(114687..115708)], trnA-UGC [complement(123667..124476)], trnI-GAU [complement(124615..125560)], ndhB [131882..132585], rpl2 [138550..139212]
1392.	EUBA	75	trnH [complement(1..74)], trnH [complement(160032)], trnK [complement(1860..1894)], trnK [complement(4438..4474)], rps16 [complement(5058..5251)], rps16 [complement(6128..6167)], trnG [9683..9705], trnG [10449..10497], atpF [complement(12751..13175)], atpF [complement(13926..14070)], rpoC1 [complement(22205..23821)], rpoC1 [complement(24554..25006)], ycf3 [complement(46103..46255)], ycf3 [complement(46991..47220)], ycf3 [complement(47977..48100)], trnL	trnH [complement(75..160031)], trnK [complement(1895..4437)], rps16 [complement(5252..6127)], trnG [9706..10448], atpF [complement(13176..13925)], rpoC1 [complement(23822..24553)], ycf3 [complement(46256..46990)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51446..51480], trnL [51963..52008], trnV [complement(55179..55213)], trnV [complement(55812..55850)], rps12 [74316..74429], rps12 [145550..145788], rps12 [146317..146353], rps12 [complement(103179..103409)], rps12 [complement(102606..102632)], clpP [complement(74596..74823)], clpP [complement(75445..75736)], clpP [complement(76614..76684)], petB [79494..79499], petB [80280..80921], petD [81114..81121], petD [81892..82366], rpl16 [complement(85863..86261)], rpl16 [complement(87287..87295)], rpl2 [complement(88965..89398)], rpl2 [complement(90063..90453)], ndhB [complement(99545..100300)], ndhB [complement(100983..101759)], trnI [107363..107399], trnI [108352..108386], trnA [108456..108493], trnA [109297..109331], ndhA [complement(124994..125533)], ndhA [complement(126594..127145)], trnA [complement(139628..139662)], trnA [complement(140466..140503)], trnI [complement(140574..140608)], trnI [complement(141561..141597)], ndhB [147200..147976], ndhB [148659..149414], rpl2 [158506..158896], rpl2 [159561..159994]	[complement(47221..47976)], trnL [51481..51962], trnV [complement(55214..55811)], clpP [complement(74824..75444)], clpP [complement(75737..76613)], petB [79500..80279], petD [81122..81891], rpl16 [complement(86262..87286)], rpl2 [complement(89399..90062)], ndhB [complement(100301..100982)], trnI [107400..108351], trnA [108494..109296], ndhA [complement(125534..126593)], trnA [complement(139663..140465)], trnI [complement(140609..141560)], ndhB [147977..148658], rpl2 [158897..159560]
1393.	EUBI	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3912..3949)], rps12 [131118..131146]	trnK-UUU [complement(1416..3911)], rps16 [complement(4699..5581)], trnG-UCC [complement(13719..14416)], atpF [35545..36375], ycf3 [complement(44729..45458)], ycf3 [complement(45687..46407)], trnL-UAA [49351..49815], trnV-UAC [complement(53639..54240)], petB [73676..74419], petD [75258..75997], rpl16 [complement(80441..81518)], rpl2 [complement(83916..84578)], ndhB [complement(90542..91245)], trnI-GAU [97573..98518], trnA-UGC [98657..99466], ndhA [complement(115562..116583)], trnA-UGC [complement(124533..125342)], trnI-GAU [complement(125481..126426)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[132754..133457], rpl2 [139421..140083]
1394.	EUBO	45	rps12 [complement(97532..97557)], rps12 [complement(98095..98326)], rps12 [complement(69180..69293)], rps16 [complement(5101..5300)], rps16 [complement(6192..6231)], atpF [complement(11440..11849)], atpF [complement(12580..12727)], rpoC1 [complement(20185..21795)], rpoC1 [complement(22586..23017)], ycf3 [complement(42438..42590)], ycf3 [complement(43370..43599)], ycf3 [complement(44316..44442)], rps12 [138770..139001], rps12 [139539..139564], clpP [complement(69476..69703)], clpP [complement(70284..70575)], clpP [complement(71473..71543)], petB [74507..74512], petB [75311..75952], rpl16 [complement(80800..81198)], rpl16 [complement(82288..82296)], rpl2 [complement(83984..84418)], rpl2 [complement(85101..85490)], ndhB [complement(94480..95241)], ndhB [complement(95921..96697)], ndhA [complement(119111..119640)], ndhA [complement(120659..121211)], ndhB [140399..141175], ndhB [141855..142616], rpl2 [151606..151996], rpl2 [152643..153112]	rps16 [complement(5301..6191)], atpF [complement(11850..12579)], rpoC1 [complement(21796..22585)], ycf3 [complement(42591..43369)], ycf3 [complement(43600..44315)], clpP [complement(69704..70283)], clpP [complement(70576..71472)], petB [74513..75310], rpl16 [complement(81199..82287)], rpl2 [complement(84419..85100)], ndhB [complement(95242..95920)], ndhA [complement(119641..120658)], ndhB [141176..141854], rpl2 [151997..152642]
1395.	EUCA	72	trnK [complement(1902..1936)], trnK [complement(4490..4526)], rps16 [complement(5112..5305)], rps16 [complement(6181..6220)], trnG [9771..9793], trnG [10538..10586], atpF [complement(12827..13251)], atpF [complement(13996..14140)], rpoC1 [complement(22286..23902)], rpoC1 [complement(24637..25089)], ycf3 [complement(46015..46167)], ycf3 [complement(46902..47131)], ycf3 [complement(47890..48013)], trnL [51305..51339], trnL [51850..51895], trnV [complement(55092..55126)], trnV [complement(55726..55764)], rps12 [74294..74407], rps12 [145658..145896], rps12 [146425..146461], rps12 [complement(103151..103381)], rps12 [complement(102578..102604)], clpP [complement(74574..74801)], clpP [complement(75424..75715)], clpP [complement(76597..76667)], petB [79481..79486], petB [80259..80900], petD [81093..81100], petD [81871..82345], rpl16 [complement(85850..86248)], rpl16 [complement(87242..87250)], rpl2 [complement(88936..89369)], rpl2 [complement(90034..90424)], ndhB [complement(99516..100271)], ndhB [complement(100955..101731)], trnI [107334..107370], trnI [108323..108357], trnA [108427..108464], trnA [109268..109302], ndhA	trnK [complement(1937..4489)], rps16 [complement(5306..6180)], trnG [9794..10537], atpF [complement(13252..13995)], rpoC1 [complement(23903..24636)], ycf3 [complement(46168..46901)], ycf3 [complement(47132..47889)], trnL [51340..51849], trnV [complement(55127..55725)], clpP [complement(74802..75423)], clpP [complement(75716..76596)], petB [79487..80258], petD [81101..81870], rpl16 [complement(86249..87241)], rpl2 [complement(89370..90033)], ndhB [complement(100272..100954)], trnI [107371..108322], trnA [108465..109267], ndhA [complement(125635..126697)], trnA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(125095..125634)], ndhA [complement(126698..127249)], trnA [complement(139737..139771)], trnA [complement(140575..140612)], trnI [complement(140683..140717)], trnI [complement(141670..141706)], ndhB [147308..148084], ndhB [148768..149523], rpl2 [158615..159005], rpl2 [159670..160103]	[complement(139772..140574)], trnI [complement(140718..141669)], ndhB [148085..148767], rpl2 [159006..159669]
1396.	EUCL	72	trnK [complement(1866..1900)], trnK [complement(4452..4488)], rps16 [complement(5070..5263)], rps16 [complement(6141..6180)], trnG [9762..9784], trnG [10530..10578], atpF [complement(12818..13242)], atpF [complement(13986..14130)], rpoC1 [complement(22281..23897)], rpoC1 [complement(24634..25086)], ycf3 [complement(46177..46329)], ycf3 [complement(47064..47293)], ycf3 [complement(48051..48174)], trnL [51481..51515], trnL [52031..52076], trnV [complement(55273..55307)], trnV [complement(55908..55946)], rps12 [74448..74561], rps12 [145708..145946], rps12 [146475..146511], rps12 [complement(103321..103551)], rps12 [complement(102748..102774)], clpP [complement(74728..74955)], clpP [complement(75577..75868)], clpP [complement(76770..76840)], petB [79654..79659], petB [80432..81073], petD [81266..81273], petD [82044..82518], rpl16 [complement(86024..86422)], rpl16 [complement(87415..87423)], rpl2 [complement(89106..89539)], rpl2 [complement(90204..90594)], ndhB [complement(99686..100441)], ndhB [complement(101125..101901)], trnI [107504..107540], trnI [108493..108527], trnA [108597..108634], trnA [109438..109472], ndhA [complement(125112..125651)], ndhA [complement(126718..127269)], trnA [complement(139787..139821)], trnA [complement(140625..140662)], trnI [complement(140733..140767)], trnI [complement(141720..141756)], ndhB [147358..148134], ndhB [148818..149573], rpl2 [158665..159055], rpl2 [159720..160153]	trnK [complement(1901..4451)], rps16 [complement(5264..6140)], trnG [9785..10529], atpF [complement(13243..13985)], rpoC1 [complement(23898..24633)], ycf3 [complement(46330..47063)], ycf3 [complement(47294..48050)], trnL [51516..52030], trnV [complement(55308..55907)], clpP [complement(74956..75576)], clpP [complement(75869..76769)], petB [79660..80431], petD [81274..82043], rpl16 [complement(86423..87414)], rpl2 [complement(89540..90203)], ndhB [complement(100442..101124)], trnI [107541..108492], trnA [108635..109437], ndhA [complement(125652..126717)], trnA [complement(139822..140624)], trnI [complement(140768..141719)], ndhB [148135..148817], rpl2 [159056..159719]
1397.	EUCO	75	trnH [complement(1..74)], trnH [complement(160015)], trnK [complement(1851..1885)], trnK [complement(4412..4448)], rps16 [complement(5032..5225)], rps16 [complement(6096..6135)], trnG [9692..9714], trnG [10457..10505], atpF [complement(12764..13188)], atpF [complement(13939..14083)], rpoC1 [complement(22240..23856)], rpoC1	trnH [complement(75..160014)], trnK [complement(1886..4411)], rps16 [complement(5226..6095)], trnG [9715..10456], atpF [complement(13189..13938)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(24589..25041)], ycf3 [complement(46104..46256)], ycf3 [complement(46992..47221)], ycf3 [complement(47978..48101)], trnL [51410..51444], trnL [51927..51972], trnV [complement(55144..55178)], trnV [complement(55777..55815)], rps12 [74242..74355], rps12 [145545..145783], rps12 [146312..146348], rps12 [complement(103108..103338)], rps12 [complement(102535..102561)], clpP [complement(74522..74749)], clpP [complement(75375..75666)], clpP [complement(76546..76616)], petB [79430..79435], petB [80216..80857], petD [81050..81057], petD [81828..82302], rpl16 [complement(85812..86210)], rpl16 [complement(87232..87240)], rpl2 [complement(88907..89340)], rpl2 [complement(90005..90395)], ndhB [complement(99474..100229)], ndhB [complement(100912..101688)], trnI [107287..107323], trnI [108276..108310], trnA [108380..108417], trnA [109221..109255], ndhA [complement(124992..125531)], ndhA [complement(126593..127144)], trnA [complement(139628..139662)], trnA [complement(140466..140503)], trnI [complement(140574..140608)], trnI [complement(141561..141597)], ndhB [147195..147971], ndhB [148654..149409], rpl2 [158488..158878], rpl2 [159543..159976]</p>	<p>[complement(23857..24588)], ycf3 [complement(46257..46991)], ycf3 [complement(47222..47977)], trnL [51445..51926], trnV [complement(55179..55776)], clpP [complement(74750..75374)], clpP [complement(75667..76545)], petB [79436..80215], petD [81058..81827], rpl16 [complement(86211..87231)], rpl2 [complement(89341..90004)], ndhB [complement(100230..100911)], trnI [107324..108275], trnA [108418..109220], ndhA [complement(125532..126592)], trnA [complement(139663..140465)], trnI [complement(140609..141560)], ndhB [147972..148653], rpl2 [158879..159542]</p>
1398.	EUCU	72	<p>trnK [complement(1891..1925)], trnK [complement(4469..4505)], rps16 [complement(5087..5280)], rps16 [complement(6159..6198)], trnG [9724..9746], trnG [10489..10537], atpF [complement(12804..13228)], atpF [complement(13983..14127)], rpoC1 [complement(22285..23901)], rpoC1 [complement(24634..25086)], ycf3 [complement(46082..46234)], ycf3 [complement(46975..47204)], ycf3 [complement(47963..48086)], trnL [51368..51402], trnL [51885..51930], trnV [complement(55070..55104)], trnV [complement(55703..55741)], rps12 [74241..74354], rps12 [145537..145775], rps12 [146304..146340], rps12 [complement(103100..103330)], rps12 [complement(102527..102553)], clpP [complement(74522..74749)], clpP [complement(75362..75653)], clpP [complement(76521..76591)], petB [79412..79417], petB [80199..80840], petD [81033..81040], petD [81811..82285], rpl16 [complement(85791..86189)], rpl16 [complement(87194..87202)], rpl2 [complement(88886..89319)], rpl2</p>	<p>trnK [complement(1926..4468)], rps16 [complement(5281..6158)], trnG [9747..10488], atpF [complement(13229..13982)], rpoC1 [complement(23902..24633)], ycf3 [complement(46235..46974)], ycf3 [complement(47205..47962)], trnL [51403..51884], trnV [complement(55105..55702)], clpP [complement(74750..75361)], clpP [complement(75654..76520)], petB [79418..80198], petD [81041..81810], rpl16 [complement(86190..87193)], rpl2 [complement(89320..89983)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89984..90374)], ndhB [complement(99466..100221)], ndhB [complement(100904..101680)], trnI [107278..107314], trnI [108267..108301], trnA [108371..108408], trnA [109212..109246], ndhA [complement(124958..125497)], ndhA [complement(126560..127111)], trnA [complement(139621..139655)], trnA [complement(140459..140496)], trnI [complement(140567..140601)], trnI [complement(141554..141590)], ndhB [147187..147963], ndhB [148646..149401], rpl2 [158493..158883], rpl2 [159548..159981]	[complement(100222..100903)], trnI [107315..108266], trnA [108409..109211], ndhA [complement(125498..126559)], trnA [complement(139656..140458)], trnI [complement(140602..141553)], ndhB [147964..148645], rpl2 [158884..159547]
1399.	EUCV	73	rps12 [complement(101015..101040)], rps12 [complement(101574..101805)], rps12 [complement(72686..72799)], trnK-UUU [complement(1870..1904)], trnK-UUU [complement(4403..4439)], rps16 [complement(5409..5635)], rps16 [complement(6470..6509)], trnG [10138..10160], trnG [10881..10929], atpF [complement(12941..13351)], atpF [complement(14099..14257)], rpoC1 [complement(22097..23716)], rpoC1 [complement(24445..24879)], ycf3 [complement(44958..45110)], ycf3 [complement(45878..46105)], ycf3 [complement(46835..46963)], trnL-UAA [49917..49953], trnL-UAA [50496..50544], trnV-UAC [complement(54223..54259)], trnV-UAC [complement(54850..54888)], rps12 [complement(72686..72799)], rps12 [143913..144144], rps12 [144678..144703], clpP [complement(72960..73187)], clpP [complement(73846..74136)], clpP [complement(74990..75058)], petB [78005..78010], petB [78805..79461], petD [79679..79687], petD [80365..80889], rpl16 [complement(84353..84754)], rpl16 [complement(85678..85686)], rpl2 [complement(87373..87807)], rpl2 [complement(88469..88861)], ndhB [complement(97965..98720)], ndhB [complement(99401..100177)], trnI-GAU [105691..105732], trnI-GAU [106685..106719], trnA-UGC [106784..106821], trnA-UGC [107632..107666], ndhA [complement(123634..124173)], ndhA [complement(125263..125820)], trnA-UGC [complement(138052..138086)], trnA-UGC [complement(138897..138934)], trnI-GAU [complement(138999..139033)], trnI-GAU [complement(139986..140027)], ndhB [145541..146317], ndhB [146998..147753], rpl2 [156857..157246], rpl2 [157911..158345]	trnK-UUU [complement(1905..4402)], rps16 [complement(5636..6469)], trnG [10161..10880], atpF [complement(13352..14098)], rpoC1 [complement(23717..24444)], ycf3 [complement(45111..45877)], ycf3 [complement(46106..46834)], trnL-UAA [49954..50495], trnV-UAC [complement(54260..54849)], clpP [complement(73188..73845)], clpP [complement(74137..74989)], petB [78011..78804], petD [79688..80364], rpl16 [complement(84755..85677)], rpl2 [complement(87808..88468)], ndhB [complement(98721..99400)], trnI-GAU [105733..106684], trnA-UGC [106822..107631], ndhA [complement(124174..125262)], trnA-UGC [complement(138087..138896)], trnI-GAU [complement(139034..139985)], ndhB [146318..146997], rpl2 [157247..157910]
1400.	EUDE	72	trnK [complement(1891..1925)], trnK [complement(4477..4513)], rps16	trnK [complement(1926..4476)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(5096..5289)], rps16 [complement(6166..6205)], trnG [9777..9799], trnG [10545..10593], atpF [complement(12837..13261)], atpF [complement(14007..14151)], rpoC1 [complement(22288..23904)], rpoC1 [complement(24638..25090)], ycf3 [complement(46081..46233)], ycf3 [complement(46969..47198)], ycf3 [complement(47956..48079)], trnL [51389..51423], trnL [51944..51989], trnV [complement(55185..55219)], trnV [complement(55819..55857)], rps12 [74363..74476], rps12 [145666..145904], rps12 [146433..146469], rps12 [complement(103218..103448)], rps12 [complement(102645..102671)], clpP [complement(74643..74870)], clpP [complement(75493..75784)], clpP [complement(76662..76732)], petB [79546..79551], petB [80325..80966], petD [81159..81166], petD [81937..82411], rpl16 [complement(85915..86313)], rpl16 [complement(87307..87315)], rpl2 [complement(89003..89436)], rpl2 [complement(90101..90491)], ndhB [complement(99583..100338)], ndhB [complement(101022..101798)], trnI [107401..107437], trnI [108395..108429], trnA [108499..108536], trnA [109340..109374], ndhA [complement(125103..125642)], ndhA [complement(126705..127256)], trnA [complement(139740..139774)], trnA [complement(140578..140615)], trnI [complement(140686..140720)], trnI [complement(141678..141714)], ndhB [147316..148092], ndhB [148776..149531], rpl2 [158623..159013], rpl2 [159678..160111]</p>	<p>[complement(5290..6165)], trnG [9800..10544], atpF [complement(13262..14006)], rpoC1 [complement(23905..24637)], ycf3 [complement(46234..46968)], ycf3 [complement(47199..47955)], trnL [51424..51943], trnV [complement(55220..55818)], clpP [complement(74871..75492)], clpP [complement(75785..76661)], petB [79552..80324], petD [81167..81936], rpl16 [complement(86314..87306)], rpl2 [complement(89437..90100)], ndhB [complement(100339..101021)], trnI [107438..108394], trnA [108537..109339], ndhA [complement(125643..126704)], trnA [complement(139775..140577)], trnI [complement(140721..141677)], ndhB [148093..148775], rpl2 [159014..159677]</p>
1401.	EUDI	72	<p>trnK [complement(1875..1909)], trnK [complement(4460..4496)], rps16 [complement(5078..5271)], rps16 [complement(6148..6187)], trnG [9757..9779], trnG [10523..10571], atpF [complement(12818..13242)], atpF [complement(13987..14131)], rpoC1 [complement(22259..23875)], rpoC1 [complement(24610..25062)], ycf3 [complement(46143..46295)], ycf3 [complement(47030..47259)], ycf3 [complement(48016..48139)], trnL [51502..51536], trnL [52052..52097], trnV [complement(55294..55328)], trnV [complement(55928..55966)], rps12 [74436..74549], rps12 [145699..145937], rps12 [146466..146502], rps12 [complement(103280..103510)], rps12 [complement(102707..102733)], clpP [complement(74716..74943)], clpP [complement(75566..75857)], clpP [complement(76736..76806)], petB</p>	<p>trnK [complement(1910..4459)], rps16 [complement(5272..6147)], trnG [9780..10522], atpF [complement(13243..13986)], rpoC1 [complement(23876..24609)], ycf3 [complement(46296..47029)], ycf3 [complement(47260..48015)], trnL [51537..52051], trnV [complement(55329..55927)], clpP [complement(74944..75565)], clpP [complement(75858..76735)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79627..79632], petB [80398..81039], petD [81232..81239], petD [82010..82484], rpl16 [complement(85990..86388)], rpl16 [complement(87383..87391)], rpl2 [complement(89066..89499)], rpl2 [complement(90164..90554)], ndhB [complement(99646..100401)], ndhB [complement(101084..101860)], trnI [107457..107493], trnI [108446..108480], trnA [108550..108587], trnA [109391..109425], ndhA [complement(125180..125719)], ndhA [complement(126770..127321)], trnA [complement(139784..139818)], trnA [complement(140622..140659)], trnI [complement(140730..140764)], trnI [complement(141717..141753)], ndhB [147349..148125], ndhB [148808..149563], rpl2 [158655..159045], rpl2 [159710..160143]	[79633..80397], petD [81240..82009], rpl16 [complement(86389..87382)], rpl2 [complement(89500..90163)], ndhB [complement(100402..101083)], trnI [107494..108445], trnA [108588..109390], ndhA [complement(125720..126769)], trnA [complement(139819..140621)], trnI [complement(140765..141716)], ndhB [148126..148807], rpl2 [159046..159709]
1402.	EUDL	75	trnH [complement(1..74)], trnH [complement(159724)], trnK [complement(1918..1952)], trnK [complement(4496..4532)], rps16 [complement(5115..5308)], rps16 [complement(6185..6224)], trnG [9743..9765], trnG [10509..10557], atpF [complement(12824..13248)], atpF [complement(13999..14143)], rpoC1 [complement(22295..23911)], rpoC1 [complement(24644..25096)], ycf3 [complement(45748..45900)], ycf3 [complement(46646..46875)], ycf3 [complement(47633..47756)], trnL [51006..51040], trnL [51523..51568], trnV [complement(54740..54774)], trnV [complement(55373..55411)], rps12 [73871..73984], rps12 [145221..145459], rps12 [145988..146024], rps12 [complement(102722..102952)], rps12 [complement(102149..102175)], clpP [complement(74151..74378)], clpP [complement(75001..75292)], clpP [complement(76171..76241)], petB [79055..79060], petB [79841..80482], petD [80675..80682], petD [81453..81927], rpl16 [complement(85431..85829)], rpl16 [complement(86830..86838)], rpl2 [complement(88508..88941)], rpl2 [complement(89606..89996)], ndhB [complement(99088..99843)], ndhB [complement(100526..101302)], trnI [106906..106942], trnI [107895..107929], trnA [107999..108036], trnA [108840..108874], ndhA [complement(124671..125210)], ndhA [complement(126271..126822)], trnA [complement(139299..139333)], trnA [complement(140137..140174)], trnI [complement(140245..140279)], trnI [complement(141232..141268)], ndhB	trnH [complement(75..159723)], trnK [complement(1953..4495)], rps16 [complement(5309..6184)], trnG [9766..10508], atpF [complement(13249..13998)], rpoC1 [complement(23912..24643)], ycf3 [complement(45901..46645)], ycf3 [complement(46876..47632)], trnL [51041..51522], trnV [complement(54775..55372)], clpP [complement(74379..75000)], clpP [complement(75293..76170)], petB [79061..79840], petD [80683..81452], rpl16 [complement(85830..86829)], rpl2 [complement(88942..89605)], ndhB [complement(99844..100525)], trnI [106943..107894], trnA [108037..108839], ndhA [complement(125211..126270)], trnA [complement(139334..140136)], trnI [complement(140280..141231)], ndhB [147648..148329], rpl2 [158568..159231]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146871..147647], ndhB [148330..149085], rpl2 [158177..158567], rpl2 [159232..159665]	
1403.	EUDV	75	trnH [complement(1..74)], trnH [complement(159954)], trnK [complement(1860..1894)], trnK [complement(4438..4474)], rps16 [complement(5058..5251)], rps16 [complement(6128..6167)], trnG [9685..9707], trnG [10451..10499], atpF [complement(12752..13176)], atpF [complement(13927..14071)], rpoC1 [complement(22206..23822)], rpoC1 [complement(24555..25007)], ycf3 [complement(46075..46227)], ycf3 [complement(46963..47192)], ycf3 [complement(47949..48072)], trnL [51441..51475], trnL [51959..52004], trnV [complement(55175..55209)], trnV [complement(55808..55846)], rps12 [74301..74414], rps12 [145472..145710], rps12 [146239..146275], rps12 [complement(103154..103384)], rps12 [complement(102581..102607)], clpP [complement(74581..74808)], clpP [complement(75430..75721)], clpP [complement(76599..76669)], petB [79470..79475], petB [80256..80897], petD [81090..81097], petD [81868..82342], rpl16 [complement(85838..86236)], rpl16 [complement(87262..87270)], rpl2 [complement(88940..89373)], rpl2 [complement(90038..90428)], ndhB [complement(99520..100275)], ndhB [complement(100958..101734)], trnI [107338..107374], trnI [108327..108361], trnA [108431..108468], trnA [109272..109306], ndhA [complement(124976..125515)], ndhA [complement(126576..127127)], trnA [complement(139550..139584)], trnA [complement(140388..140425)], trnI [complement(140496..140530)], trnI [complement(141483..141519)], ndhB [147122..147898], ndhB [148581..149336], rpl2 [158428..158818], rpl2 [159483..159916]	trnH [complement(75..159953)], trnK [complement(1895..4437)], rps16 [complement(5252..6127)], trnG [9708..10450], atpF [complement(13177..13926)], rpoC1 [complement(23823..24554)], ycf3 [complement(46228..46962)], ycf3 [complement(47193..47948)], trnL [51476..51958], trnV [complement(55210..55807)], clpP [complement(74809..75429)], clpP [complement(75722..76598)], petB [79476..80255], petD [81098..81867], rpl16 [complement(86237..87261)], rpl2 [complement(89374..90037)], ndhB [complement(100276..100957)], trnI [107375..108326], trnA [108469..109271], ndhA [complement(125516..126575)], trnA [complement(139585..140387)], trnI [complement(140531..141482)], ndhB [147899..148580], rpl2 [158819..159482]
1404.	EUEL	75	trnH [complement(1..74)], trnH [complement(159899)], trnK [complement(1870..1904)], trnK [complement(4431..4467)], rps16 [complement(5051..5244)], rps16 [complement(6120..6159)], trnG [9658..9680], trnG [10423..10471], atpF [complement(12724..13148)], atpF [complement(13899..14043)], rpoC1 [complement(22204..23820)], rpoC1 [complement(24553..25005)], ycf3 [complement(46022..46174)], ycf3 [complement(46909..47138)], ycf3 [complement(47895..48018)], trnL	trnH [complement(75..159898)], trnK [complement(1905..4430)], rps16 [complement(5245..6119)], trnG [9681..10422], atpF [complement(13149..13898)], rpoC1 [complement(23821..24552)], ycf3 [complement(46175..46908)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51325..51359], trnL [51842..51887], trnV [complement(55059..55093)], trnV [complement(55692..55730)], rps12 [74152..74265], rps12 [145417..145655], rps12 [146184..146220], rps12 [complement(103015..103245)], rps12 [complement(102442..102468)], clpP [complement(74433..74660)], clpP [complement(75282..75573)], clpP [complement(76453..76523)], petB [79337..79342], petB [80123..80764], petD [80957..80964], petD [81735..82209], rpl16 [complement(85713..86111)], rpl16 [complement(87132..87140)], rpl2 [complement(88801..89234)], rpl2 [complement(89899..90289)], ndhB [complement(99381..100136)], ndhB [complement(100819..101595)], trnI [107199..107235], trnI [108188..108222], trnA [108292..108329], trnA [109133..109167], ndhA [complement(124899..125438)], ndhA [complement(126500..127051)], trnA [complement(139495..139529)], trnA [complement(140333..140370)], trnI [complement(140441..140475)], trnI [complement(141428..141464)], ndhB [147067..147843], ndhB [148526..149281], rpl2 [158373..158763], rpl2 [159428..159861]	[complement(47139..47894)], trnL [51360..51841], trnV [complement(55094..55691)], clpP [complement(74661..75281)], clpP [complement(75574..76452)], petB [79343..80122], petD [80965..81734], rpl16 [complement(86112..87131)], rpl2 [complement(89235..89898)], ndhB [complement(100137..100818)], trnI [107236..108187], trnA [108330..109132], ndhA [complement(125439..126499)], trnA [complement(139530..140332)], trnI [complement(140476..141427)], ndhB [147844..148525], rpl2 [158764..159427]
1405.	EUER	72	trnK [complement(1723..1757)], trnK [complement(4285..4321)], rps16 [complement(4906..5099)], rps16 [complement(5976..6015)], trnG [9563..9585], trnG [10331..10379], atpF [complement(12622..13046)], atpF [complement(13791..13935)], rpoC1 [complement(22113..23729)], rpoC1 [complement(24462..24914)], ycf3 [complement(45774..45926)], ycf3 [complement(46661..46890)], ycf3 [complement(47647..47770)], trnL [51100..51134], trnL [51650..51695], trnV [complement(54866..54900)], trnV [complement(55501..55539)], rps12 [74074..74187], rps12 [145245..145483], rps12 [146011..146047], rps12 [complement(102959..103189)], rps12 [complement(102387..102413)], clpP [complement(74355..74582)], clpP [complement(75217..75508)], clpP [complement(76389..76459)], petB [79269..79274], petB [80055..80696], petD [80889..80896], petD [81667..82141], rpl16 [complement(85677..86075)], rpl16 [complement(87062..87070)], rpl2 [complement(88746..89179)], rpl2 [complement(89844..90234)], ndhB [complement(99326..100081)], ndhB [complement(100764..101540)], trnI [107142..107178], trnI [108131..108165],	trnK [complement(1758..4284)], rps16 [complement(5100..5975)], trnG [9586..10330], atpF [complement(13047..13790)], rpoC1 [complement(23730..24461)], ycf3 [complement(45927..46660)], ycf3 [complement(46891..47646)], trnL [51135..51649], trnV [complement(54901..55500)], clpP [complement(74583..75216)], clpP [complement(75509..76388)], petB [79275..80054], petD [80897..81666], rpl16 [complement(86076..87061)], rpl2 [complement(89180..89843)], ndhB [complement(100082..100763)], trnI [107179..108130], trnA [108273..109075],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [108235..108272], trnA [109076..109110], ndhA [complement(124704..125243)], ndhA [complement(126300..126851)], trnA [complement(139324..139358)], trnA [complement(140162..140199)], trnI [complement(140270..140304)], trnI [complement(141257..141293)], ndhB [146894..147670], ndhB [148353..149108], rpl2 [158200..158590], rpl2 [159255..159688]	ndhA [complement(125244..126299)], trnA [complement(139359..140161)], trnI [complement(140305..141256)], ndhB [147671..148352], rpl2 [158591..159254]
1406.	EUES	58	rps12 [complement(104232..104257)], rps12 [complement(104794..105025)], rps12 [complement(75634..75747)], trnK [complement(2462..2490)], trnK [complement(5046..5082)], ATPF [complement(13587..14056)], ATPF [complement(14723..14867)], rpoC1 [complement(22771..24387)], rpoC1 [complement(25163..25594)], ycf3 [complement(46660..46812)], ycf3 [complement(47488..47717)], ycf3 [complement(48465..48588)], trnL [50902..50938], trnL [51558..51607], trnV [complement(55288..55329)], trnV [complement(55912..55950)], rps12 [complement(75634..75747)], rps12 [146289..146520], rps12 [147057..147082], clpP [complement(75957..76185)], clpP [complement(76839..77129)], clpP [complement(77951..78021)], rpl2 [complement(90841..91308)], rpl2 [complement(91933..92328)], ndhB [complement(101182..101937)], ndhB [complement(102616..103392)], trnI [108976..109017], trnI [109964..109998], trnA [110063..110100], trnA [110870..110904], ndhA [complement(125625..126163)], ndhA [complement(127280..127832)], trnA [complement(140410..140444)], trnA [complement(141214..141251)], trnI [complement(141316..141350)], trnI [complement(142297..142338)], ndhB [147922..148698], ndhB [149377..150132], rpl2 [158986..159381], rpl2 [160006..160473]	trnK [complement(2491..5045)], ATPF [complement(14057..14722)], rpoC1 [complement(24388..25162)], ycf3 [complement(46813..47487)], ycf3 [complement(47718..48464)], trnL [50939..51557], trnV [complement(55330..55911)], clpP [complement(76186..76838)], clpP [complement(77130..77950)], rpl2 [complement(91309..91932)], ndhB [complement(101938..102615)], trnI [109018..109963], trnA [110101..110869], ndhA [complement(126164..127279)], trnA [complement(140445..141213)], trnI [complement(141351..142296)], ndhB [148699..149376], rpl2 [159382..160005]
1407.	EUEX	52	rps12 [complement(101164..101403)], rps12 [complement(72630..72743)], trnK-UUU [complement(1750..1784)], trnK-UUU [complement(4305..4341)], atpF [complement(12821..13231)], atpF [complement(13938..14096)], rpoC1 [complement(22037..23662)], rpoC1 [complement(24390..24845)], ycf3 [complement(44032..44184)], ycf3 [complement(44922..45149)], ycf3 [complement(45863..45988)], trnL-UAA [49203..49239], trnL-UAA [49760..49809], trnV-UAC [complement(53770..53806)], trnV-UAC [complement(54393..54431)], rps12 [143444..143683], clpP	trnK-UUU [complement(1785..4304)], atpF [complement(13232..13937)], rpoC1 [complement(23663..24389)], ycf3 [complement(44185..44921)], ycf3 [complement(45150..45862)], trnL-UAA [49240..49759], trnV-UAC [complement(53807..54392)], clpP [complement(73101..73756)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72882..73100)], clpP [complement(73757..74047)], clpP [complement(74867..74935)], rpl2 [complement(87206..87640)], rpl2 [complement(88303..88695)], ndhB [complement(97555..98310)], ndhB [complement(98990..99766)], trnI-GAU [105349..105390], trnI-GAU [106335..106369], trnA-UGC [106434..106471], trnA-UGC [107279..107313], trnA-UGC [complement(137534..137568)], trnA-UGC [complement(138376..138413)], trnI-GAU [complement(138478..138512)], trnI-GAU [complement(139457..139498)], ndhB [145081..145857], ndhB [146537..147292], rpl2 [156152..156544], rpl2 [157207..157641]	[complement(74048..74866)], rpl2 [complement(87641..88302)], ndhB [complement(98311..98989)], trnI-GAU [105391..106334], trnA-UGC [106472..107278], trnA-UGC [complement(137569..138375)], trnI-GAU [complement(138513..139456)], ndhB [145858..146536], rpl2 [156545..157206]
1408.	EUFE	73	rps12 [complement(103349..103374)], rps12 [complement(103915..104146)], rps12 [complement(75129..75242)], trnK [complement(1866..1888)], trnK [complement(4443..4479)], rps16 [complement(5282..5469)], rps16 [complement(6260..6299)], trnG [10539..10561], trnG [11319..11355], atpF [complement(13297..13707)], atpF [complement(14444..14587)], rpoC1 [complement(22715..24334)], rpoC1 [complement(25074..25529)], ycf3 [complement(45905..46057)], ycf3 [complement(46852..47081)], ycf3 [complement(47834..47957)], trnL [50688..50722], trnL [51259..51308], trnV [complement(55814..55850)], trnV [complement(56431..56468)], rps12 [complement(75126..75242)], rps12 [145462..145693], rps12 [146234..146259], clpP [complement(75376..75621)], clpP [complement(76260..76551)], clpP [complement(77316..77386)], petB [80288..80293], petB [81084..81725], petD [81918..81923], petD [82558..83064], rpl16 [complement(86777..87175)], rpl16 [complement(87969..87977)], rpl2 [complement(89710..90140)], rpl2 [complement(90811..91201)], ndhB [complement(100273..101028)], ndhB [complement(101734..102510)], trnI [108012..108053], trnI [109003..109037], trnA [109101..109138], trnA [109820..109854], ndhA [complement(124577..125115)], ndhA [complement(126037..126583)], trnA [complement(139754..139788)], trnA [complement(140470..140507)], trnI [complement(140571..140605)], trnI [complement(141555..141596)], ndhB [147098..147874], ndhB [148580..149335], rpl2 [158407..158797], rpl2 [159468..159898]	trnK [complement(1889..4442)], rps16 [complement(5470..6259)], trnG [10562..11318], atpF [complement(13708..14443)], rpoC1 [complement(24335..25073)], ycf3 [complement(46058..46851)], ycf3 [complement(47082..47833)], trnL [50723..51258], trnV [complement(55851..56430)], clpP [complement(75622..76259)], clpP [complement(76552..77315)], petB [80294..81083], petD [81924..82557], rpl16 [complement(87176..87968)], rpl2 [complement(90141..90810)], ndhB [complement(101029..101733)], trnI [108054..109002], trnA [109139..109819], ndhA [complement(125116..126036)], trnA [complement(139789..140469)], trnI [complement(140606..141554)], ndhB [147875..148579], rpl2 [158798..159467]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1409.	EUGA	64	<p>rps12 [complement(88899..88927)], rps12 [complement(89468..89699)], rps12 [complement(67391..67504)], trnK-UUU [complement(1375..1407)], trnK-UUU [complement(3892..3929)], rps16 [complement(4479..4696)], rps16 [complement(5543..5582)], trnG-UCC [complement(13066..13113)], trnG-UCC [complement(13791..13813)], atpF [32917..33075], atpF [33900..34307], ycf3 [complement(42112..42270)], ycf3 [complement(42999..43226)], ycf3 [complement(43970..44095)], trnL-UAA [46836..46870], trnL-UAA [47415..47464], trnV-UAC [complement(51088..51134)], trnV-UAC [complement(51722..51760)], rps12 [125776..126007], rps12 [126548..126576], petB [71184..71189], petB [71978..72625], petD [72826..72833], petD [73574..74048], rpl16 [complement(77590..77991)], rpl16 [complement(79040..79048)], rpl2 [complement(81002..81433)], rpl2 [complement(82097..82486)], ndhB [complement(85826..86582)], ndhB [complement(87295..88070)], trnI-GAU [93528..93569], trnI-GAU [94280..94314], trnA-UGC [94380..94417], trnA-UGC [95228..95262], ndhA [complement(110733..111272)], ndhA [complement(112313..112861)], trnA-UGC [complement(120213..120247)], trnA-UGC [complement(121058..121095)], trnI-GAU [complement(121161..121195)], trnI-GAU [complement(121906..121947)], ndhB [127405..128181], ndhB [128894..129649], rpl2 [132989..133378], rpl2 [134042..134473]</p>	<p>trnK-UUU [complement(1408..3891)], rps16 [complement(4697..5542)], trnG-UCC [complement(13114..13790)], atpF [33076..33899], ycf3 [complement(42271..42998)], ycf3 [complement(43227..43969)], trnL-UAA [46871..47414], trnV-UAC [complement(51135..51721)], petB [71190..71977], petD [72834..73573], rpl16 [complement(77992..79039)], rpl2 [complement(81434..82096)], ndhB [complement(86583..87294)], trnI-GAU [93570..94279], trnA-UGC [94418..95227], ndhA [complement(111273..112312)], trnA-UGC [complement(120248..121057)], trnI-GAU [complement(121196..121905)], ndhB [128182..128893], rpl2 [133379..134041]</p>
1410.	EUGL	72	<p>trnK [complement(1919..1953)], trnK [complement(4509..4545)], rps16 [complement(5132..5325)], rps16 [complement(6201..6240)], trnG [9812..9834], trnG [10579..10627], atpF [complement(12877..13286)], atpF [complement(14046..14190)], rpoC1 [complement(22333..23949)], rpoC1 [complement(24687..25139)], ycf3 [complement(46147..46299)], ycf3 [complement(47034..47263)], ycf3 [complement(48023..48146)], trnL [51450..51484], trnL [51995..52040], trnV [complement(55236..55270)], trnV [complement(55870..55908)], rps12 [74430..74543], rps12 [145786..146016], rps12 [146563..146589], rps12 [complement(103283..103513)], rps12 [complement(102710..102736)], clpP [complement(74710..74937)], clpP [complement(75559..75850)], clpP [complement(76732..76802)], petB [79616..79621], petB [80394..81035], petD [81228..81235], petD</p>	<p>trnK [complement(1954..4508)], rps16 [complement(5326..6200)], trnG [9835..10578], atpF [complement(13287..14045)], rpoC1 [complement(23950..24686)], ycf3 [complement(46300..47033)], ycf3 [complement(47264..48022)], trnL [51485..51994], trnV [complement(55271..55869)], clpP [complement(74938..75558)], clpP [complement(75851..76731)], petB [79622..80393], petD [81236..82005], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[82006..82480], rpl16 [complement(85986..86384)], rpl16 [complement(87379..87387)], rpl2 [complement(89068..89501)], rpl2 [complement(90166..90556)], ndhB [complement(99648..100403)], ndhB [complement(101087..101863)], trnI [107466..107502], trnI [108455..108489], trnA [108559..108596], trnA [109400..109434], ndhA [complement(125220..125759)], ndhA [complement(126826..127377)], trnA [complement(139865..139899)], trnA [complement(140703..140740)], trnI [complement(140811..140845)], trnI [complement(141798..141834)], ndhB [147436..148212], ndhB [148896..149651], rpl2 [158743..159132], rpl2 [159797..160231]	[complement(86385..87378)], rpl2 [complement(89502..90165)], ndhB [complement(100404..101086)], trnI [107503..108454], trnA [108597..109399], ndhA [complement(125760..126825)], trnA [complement(139900..140702)], trnI [complement(140846..141797)], ndhB [148213..148895], rpl2 [159133..159796]
1411.	EUGN	73	rps12 [complement(101807..101832)], rps12 [complement(102369..102600)], rps12 [complement(73709..73822)], trnK-UUU [complement(1718..1752)], trnK-UUU [complement(4276..4312)], rps16 [complement(5166..5399)], rps16 [complement(6287..6325)], trnG-UCC [9960..9982], trnG-UCC [10661..10708], atpF [complement(12692..13099)], atpF [complement(13810..13968)], rpoC1 [complement(21941..23560)], rpoC1 [complement(24321..24755)], ycf3 [complement(44849..45001)], ycf3 [complement(45745..45972)], ycf3 [complement(46686..46811)], trnL-UAA [50016..50050], trnL-UAA [50567..50616], trnV-UAC [complement(54670..54706)], trnV-UAC [complement(55288..55326)], rps12 [complement(73709..73822)], rps12 [145032..145263], rps12 [145800..145825], clpP [complement(73961..74188)], clpP [complement(74896..75186)], clpP [complement(75986..76054)], petB [78942..78947], petB [79703..80344], petD [80556..80563], petD [81314..81788], rpl16 [complement(85273..85674)], rpl16 [complement(86690..86698)], rpl2 [complement(88402..88836)], rpl2 [complement(89499..89891)], ndhB [complement(98762..99517)], ndhB [complement(100197..100973)], trnI-GAU [106562..106603], trnI-GAU [107545..107579], trnA-UGC [107643..107680], trnA-UGC [108489..108523], ndhA [complement(124520..125059)], ndhA [complement(126141..126692)], trnA-UGC [complement(139109..139143)], trnA-UGC [complement(139952..139988)], trnI-GAU [complement(140053..140087)],	trnK-UUU [complement(1753..4275)], rps16 [complement(5400..6286)], trnG-UCC [9983..10660], atpF [complement(13100..13809)], rpoC1 [complement(23561..24320)], ycf3 [complement(45002..45744)], ycf3 [complement(45973..46685)], trnL-UAA [50051..50566], trnV-UAC [complement(54707..55287)], clpP [complement(74189..74895)], clpP [complement(75187..75985)], petB [78948..79702], petD [80564..81313], rpl16 [complement(85675..86689)], rpl2 [complement(88837..89498)], ndhB [complement(99518..100196)], trnI-GAU [106604..107544], trnA-UGC [107681..108488], ndhA [complement(125060..126140)], trnA-UGC [complement(139144..139951)], trnI-GAU [complement(140088..141028)], ndhB [147436..148114], rpl2 [158131..158795]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(141029..141070)], ndhB [146659..147435], ndhB [148115..148870], rpl2 [157741..158130], rpl2 [158796..159230]	
1412.	EUGR	45	trnK-UUU [complement(1869..1903)], trnK-UUU [complement(4456..4492)], atpF [complement(12775..13184)], atpF [complement(13946..14090)], ycf3 [complement(45996..46148)], ycf3 [complement(46882..47111)], ycf3 [complement(47869..47992)], trnL-UAA [51345..51381], trnL-UAA [51891..51940], trnV-UAC [complement(55137..55175)], trnV-UAC [complement(55773..55811)], rps12 [146409..146435], rps12 [complement(103147..103377)], rps12 [complement(102575..102601)], clpP [complement(74609..74836)], petB [79485..79490], petB [80263..80904], rpl16 [complement(85852..86250)], rpl16 [complement(87244..87252)], ndhB [complement(99512..100267)], trnI-GAU [107330..107371], trnI-GAU [108319..108353], trnA-UGC [108423..108460], trnA-UGC [109264..109298], trnA-UGC [complement(139712..139746)], trnA-UGC [complement(140550..140587)], trnI-GAU [complement(140657..140691)], trnI-GAU [complement(141639..141680)], ndhB [148743..149498]	trnK-UUU [complement(1904..4455)], atpF [complement(13185..13945)], ycf3 [complement(46149..46881)], ycf3 [complement(47112..47868)], trnL-UAA [51382..51890], trnV-UAC [complement(55176..55772)], clpP [complement(74837..75429)], clpP [complement(75721..76602)], petB [79491..80262], rpl16 [complement(86251..87243)], ndhB [complement(100268..100951)], trnI-GAU [107372..108318], trnA-UGC [108461..109263], trnA-UGC [complement(139747..140549)], trnI-GAU [complement(140692..141638)], ndhB [148059..148742]
1413.	EUGU	72	trnK [complement(1874..1908)], trnK [complement(4452..4488)], rps16 [complement(5079..5272)], rps16 [complement(6149..6188)], trnG [9715..9737], trnG [10482..10530], atpF [complement(12778..13202)], atpF [complement(13948..14092)], rpoC1 [complement(22241..23857)], rpoC1 [complement(24590..25042)], ycf3 [complement(46127..46279)], ycf3 [complement(47014..47243)], ycf3 [complement(48004..48127)], trnL [51459..51493], trnL [52009..52054], trnV [complement(55260..55294)], trnV [complement(55894..55932)], rps12 [74435..74548], rps12 [146022..146260], rps12 [146790..146826], rps12 [complement(103323..103553)], rps12 [complement(102749..102775)], clpP [complement(74715..74942)], clpP [complement(75563..75854)], clpP [complement(76734..76804)], petB [79618..79623], petB [80404..81045], petD [81238..81245], petD [82016..82490], rpl16 [complement(86035..86433)], rpl16 [complement(87425..87433)], rpl2 [complement(89108..89541)], rpl2	trnK [complement(1909..4451)], rps16 [complement(5273..6148)], trnG [9738..10481], atpF [complement(13203..13947)], rpoC1 [complement(23858..24589)], ycf3 [complement(46280..47013)], ycf3 [complement(47244..48003)], trnL [51494..52008], trnV [complement(55295..55893)], clpP [complement(74943..75562)], clpP [complement(75855..76733)], petB [79624..80403], petD [81246..82015], rpl16 [complement(86434..87424)], rpl2 [complement(89542..90205)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90206..90596)], ndhB [complement(99688..100443)], ndhB [complement(101126..101902)], trnI [107501..107537], trnI [108490..108524], trnA [108594..108631], trnA [109435..109469], ndhA [complement(125479..126018)], ndhA [complement(127084..127635)], trnA [complement(140106..140140)], trnA [complement(140944..140981)], trnI [complement(141052..141086)], trnI [complement(142039..142075)], ndhB [147673..148449], ndhB [149132..149887], rpl2 [158979..159369], rpl2 [160034..160467]	[complement(100444..101125)], trnI [107538..108489], trnA [108632..109434], ndhA [complement(126019..127083)], trnA [complement(140141..140943)], trnI [complement(141087..142038)], ndhB [148450..149131], rpl2 [159370..160033]
1414.	EUHA	45	rps12 [complement(97562..97587)], rps12 [complement(98125..98356)], rps12 [complement(69210..69323)], rps16 [complement(5102..5301)], rps16 [complement(6193..6232)], atpF [complement(11465..11874)], atpF [complement(12605..12752)], rpoC1 [complement(20210..21820)], rpoC1 [complement(22611..23042)], ycf3 [complement(42463..42615)], ycf3 [complement(43395..43624)], ycf3 [complement(44341..44467)], rps12 [138802..139033], rps12 [139571..139596], clpP [complement(69506..69733)], clpP [complement(70314..70605)], clpP [complement(71503..71573)], petB [74537..74542], petB [75341..75982], rpl16 [complement(80830..81228)], rpl16 [complement(82318..82326)], rpl2 [complement(84014..84448)], rpl2 [complement(85131..85520)], ndhB [complement(94510..95271)], ndhB [complement(95951..96727)], ndhA [complement(119143..119672)], ndhA [complement(120691..121243)], ndhB [140431..141207], ndhB [141887..142648], rpl2 [151638..152028], rpl2 [152675..153144]	rps16 [complement(5302..6192)], atpF [complement(11875..12604)], rpoC1 [complement(21821..22610)], ycf3 [complement(42616..43394)], ycf3 [complement(43625..44340)], clpP [complement(69734..70313)], clpP [complement(70606..71502)], petB [74543..75340], rpl16 [complement(81229..82317)], rpl2 [complement(84449..85130)], ndhB [complement(95272..95950)], ndhA [complement(119673..120690)], ndhB [141208..141886], rpl2 [152029..152674]
1415.	EUHE	69	rps12 [complement(97792..97817)], rps12 [complement(98355..98586)], rps12 [complement(69277..69390)], trnK-UUU [complement(1693..1738)], trnK-UUU [complement(4297..4323)], rps16 [complement(5059..5258)], rps16 [complement(6146..6185)], trnT-CGU [8612..8645], trnT-CGU [9374..9416], atpF [complement(11556..11965)], atpF [complement(12699..12843)], rpoC1 [complement(20150..21760)], rpoC1 [complement(22544..22975)], ycf3 [complement(42437..42589)], ycf3 [complement(43362..43589)], ycf3 [complement(44299..44424)], trnL-UAA [46748..46782], trnL-UAA [47104..47153], trnV-UAC [complement(50738..50772)], trnV-UAC [complement(51384..51422)], rps12 [139252..139483], rps12	trnK-UUU [complement(1739..4296)], rps16 [complement(5259..6145)], trnT-CGU [8646..9373], atpF [complement(11966..12698)], rpoC1 [complement(21761..22543)], ycf3 [complement(42590..43361)], ycf3 [complement(43590..44298)], trnL-UAA [46783..47103], trnV-UAC [complement(50773..51383)], clpP [complement(69802..70378)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140021..140046], clpP [complement(69574..69801)], clpP [complement(70379..70670)], clpP [complement(71566..71636)], petB [74594..74599], petB [75401..76042], rpl16 [complement(80938..81336)], rpl16 [complement(82425..82433)], rpl2 [complement(84129..84562)], rpl2 [complement(85245..85635)], ndhB [complement(94732..95493)], ndhB [complement(96173..96949)], trnE-UUC [102278..102309], trnE-UUC [103119..103158], trnA-UGC [103223..103259], trnA-UGC [104060..104095], ndhA [complement(119521..120050)], ndhA [complement(121134..121686)], trnA-UGC [complement(133743..133778)], trnA-UGC [complement(134579..134615)], trnE-UUC [complement(134680..134719)], trnE-UUC [complement(135529..135560)], ndhB [140889..141665], ndhB [142345..143106], rpl2 [152203..152593], rpl2 [153240..153709]	[complement(70671..71565)], petB [74600..75400], rpl16 [complement(81337..82424)], rpl2 [complement(84563..85244)], ndhB [complement(95494..96172)], trnE-UUC [102310..103118], trnA-UGC [103260..104059], ndhA [complement(120051..121133)], trnA-UGC [complement(133779..134578)], trnE-UUC [complement(134720..135528)], ndhB [141666..142344], rpl2 [152594..153239]
1416.	EUH M	70	rps12 [complement(100061..100086)], rps12 [complement(100631..100862)], rps12 [complement(71342..71455)], trnK-UUU [complement(1880..1918)], trnK-UUU [complement(4415..4451)], trnG-UCC [8803..8825], trnG-UCC [9598..9646], atpF [complement(12098..12508)], atpF [complement(13207..13350)], rpoC1 [complement(21353..22978)], rpoC1 [complement(23787..24221)], ycf3 [complement(43964..44116)], ycf3 [complement(44856..45083)], ycf3 [complement(45816..45941)], trnL-UAA [49351..49387], trnL-UAA [49938..49987], trnV-UAC [complement(53559..53595)], trnV-UAC [complement(54314..54350)], rps12 [complement(71342..71455)], rps12 [142898..143129], rps12 [143674..143699], clpP [complement(71661..71891)], clpP [complement(72501..72791)], clpP [complement(73638..73706)], petB [76612..76617], petB [77397..78038], petD [78243..78250], petD [78978..79452], rpl16 [complement(83055..83453)], rpl16 [complement(84580..84588)], rpl2 [complement(86453..86886)], rpl2 [complement(87566..87956)], ndhB [complement(97010..97765)], ndhB [complement(98451..99227)], trnI-GAU [104863..104899], trnI-GAU [105849..105883], trnA-UGC [105948..105985], trnA-UGC [106785..106819], ndhA [complement(122300..122838)], ndhA [complement(124006..124558)], trnA-UGC [complement(136941..136975)], trnA-UGC	trnK-UUU [complement(1919..4414)], trnG-UCC [8826..9597], atpF [complement(12509..13206)], rpoC1 [complement(22979..23786)], ycf3 [complement(44117..44855)], ycf3 [complement(45084..45815)], trnL-UAA [49388..49937], trnV-UAC [complement(53596..54313)], clpP [complement(71892..72500)], clpP [complement(72792..73637)], petB [76618..77396], petD [78251..78977], rpl16 [complement(83454..84579)], rpl2 [complement(86887..87565)], ndhB [complement(97766..98450)], trnI-GAU [104900..105848], trnA-UGC [105986..106784], ndhA [complement(122839..124005)], trnA-UGC [complement(136976..137774)], trnI-GAU [complement(137912..138860)], ndhB [145310..145994], rpl2 [156195..156873]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137775..137812)], trnI-GAU [complement(137877..137911)], trnI-GAU [complement(138861..138897)], ndhB [144533..145309], ndhB [145995..146750], rpl2 [155804..156194], rpl2 [156874..157307]	
1417.	EUJA	69	rps12 [complement(99973..99998)], rps12 [complement(100543..100774)], rps12 [complement(71310..71423)], trnK-UUU [complement(1788..1822)], trnK-UUU [complement(4332..4368)], trnG-GCC [8773..8795], trnG-GCC [9579..9627], atpF [complement(11966..12376)], atpF [complement(13078..13221)], rpoC1 [complement(21252..22877)], rpoC1 [complement(23696..24130)], ycf3 [complement(43860..44012)], ycf3 [complement(44764..44991)], ycf3 [complement(45746..45871)], trnL-UAA [49338..49374], trnL-UAA [49910..49959], trnV-UAC [complement(53465..53501)], trnV-UAC [complement(54132..54170)], rps12 [142805..143036], rps12 [143581..143606], clpP [complement(71622..71852)], clpP [complement(72479..72769)], clpP [complement(73623..73691)], petB [76579..76584], petB [77358..77999], petD [78203..78210], petD [78933..79407], rpl16 [complement(82987..83385)], rpl16 [complement(84506..84514)], rpl2 [complement(86297..86730)], rpl2 [complement(87412..87802)], ndhB [complement(96906..97661)], ndhB [complement(98348..99124)], trnI-GAU [104772..104813], trnI-GAU [105771..105805], trnA-UGC [105870..105907], trnA-UGC [106707..106741], ndhA [complement(122132..122670)], ndhA [complement(123837..124389)], trnA-UGC [complement(136838..136872)], trnA-UGC [complement(137672..137709)], trnI-GAU [complement(137774..137808)], trnI-GAU [complement(138766..138807)], ndhB [144455..145231], ndhB [145918..146673], rpl2 [155777..156169], rpl2 [156812..157282]	trnK-UUU [complement(1823..4331)], trnG-GCC [8796..9578], atpF [complement(12377..13077)], rpoC1 [complement(22878..23695)], ycf3 [complement(44013..44763)], ycf3 [complement(44992..45745)], trnL-UAA [49375..49909], trnV-UAC [complement(53502..54131)], clpP [complement(71853..72478)], clpP [complement(72770..73622)], petB [76585..77357], petD [78211..78932], rpl16 [complement(83386..84505)], rpl2 [complement(86731..87411)], ndhB [complement(97662..98347)], trnI-GAU [104814..105770], trnA-UGC [105908..106706], ndhA [complement(122671..123836)], trnA-UGC [complement(136873..137671)], trnI-GAU [complement(137809..138765)], ndhB [145232..145917], rpl2 [156170..156811]
1418.	EULA	67	rps12 [complement(97359..97384)], rps12 [complement(97927..98158)], rps12 [complement(69457..69570)], trnK-UUU [complement(1374..1408)], trnK-UUU [complement(4003..4039)], trnG-UCC [7396..7418], trnG-UCC [8095..8142], atpF [complement(10043..10452)], atpF [complement(11258..11402)], rpoC1 [complement(18743..20374)], rpoC1 [complement(21104..21535)], ycf3 [complement(40740..40892)], ycf3 [complement(41618..41847)], ycf3 [complement(42593..42716)], trnL-UAA	trnK-UUU [complement(1409..4002)], trnG-UCC [7419..8094], atpF [complement(10453..11257)], rpoC1 [complement(20375..21103)], ycf3 [complement(40893..41617)], ycf3 [complement(41848..42592)], trnL-UAA [45274..45793], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[45239..45273], trnL-UAA [45794..45843], trnV-UAC [complement(50345..50379)], trnV-UAC [complement(50950..50988)], rps12 [144756..144781], petB [73361..73366], petB [74152..74793], petD [75002..75007], petD [75729..76262], rpl16 [complement(79870..80310)], rpl16 [complement(81163..81171)], rpl2 [complement(83091..83521)], rpl2 [complement(84180..84561)], ndhB [complement(94345..95100)], ndhB [complement(95792..96568)], trnI-GAU [101530..101566], trnI-GAU [102507..102541], ycf68 [101671..101712], ycf68 [101744..102046], trnA-UGC [102606..102643], trnA-UGC [103459..103493], ndhA [complement(124069..124607)], ndhA [complement(125690..126242)], trnA-UGC [complement(138647..138681)], trnA-UGC [complement(139497..139534)], trnI-GAU [complement(139599..139633)], trnI-GAU [complement(140574..140610)], ycf68 [complement(140094..140396)], ycf68 [complement(140428..140469)], rpl2 [157579..157960], rpl2 [158619..159049]	[complement(50380..50949)], petB [73367..74151], petD [75008..75728], rpl16 [complement(80311..81162)], rpl2 [complement(83522..84179)], ndhB [complement(95101..95791)], trnI-GAU [101567..102506], ycf68 [101713..101743], trnA-UGC [102644..103458], ndhA [complement(124608..125689)], trnA-UGC [complement(138682..139496)], trnI-GAU [complement(139634..140573)], ycf68 [complement(140397..140427)], ndhB [146349..147039], rpl2 [157961..158618]
1419.	EUM A	72	trnK [complement(1868..1902)], trnK [complement(4447..4483)], rps16 [complement(5067..5254)], rps16 [complement(6132..6171)], trnG [9731..9753], trnG [10504..10552], atpF [complement(12824..13248)], atpF [complement(13992..14136)], rpoC1 [complement(22296..23912)], rpoC1 [complement(24645..25097)], ycf3 [complement(46152..46304)], ycf3 [complement(47038..47267)], ycf3 [complement(48027..48150)], trnL [51437..51471], trnL [51954..51999], trnV [complement(55171..55205)], trnV [complement(55804..55842)], rps12 [74262..74375], rps12 [145577..145815], rps12 [146344..146380], rps12 [complement(103098..103328)], rps12 [complement(102525..102551)], clpP [complement(74542..74769)], clpP [complement(75391..75682)], clpP [complement(76562..76632)], petB [79438..79443], petB [80224..80865], petD [81058..81065], petD [81836..82310], rpl16 [complement(85802..86200)], rpl16 [complement(87197..87205)], rpl2 [complement(88884..89317)], rpl2 [complement(89982..90372)], ndhB [complement(99464..100219)], ndhB [complement(100902..101678)], trnI [107281..107317], trnI [108270..108304], trnA [108374..108411], trnA [109215..109249], ndhA	trnK [complement(1903..4446)], rps16 [complement(5255..6131)], trnG [9754..10503], atpF [complement(13249..13991)], rpoC1 [complement(23913..24644)], ycf3 [complement(46305..47037)], ycf3 [complement(47268..48026)], trnL [51472..51953], trnV [complement(55206..55803)], clpP [complement(74770..75390)], clpP [complement(75683..76561)], petB [79444..80223], petD [81066..81835], rpl16 [complement(86201..87196)], rpl2 [complement(89318..89981)], ndhB [complement(100220..100901)], trnI [107318..108269], trnA [108412..109214], ndhA [complement(125567..126608)], trnA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(125027..125566)], ndhA [complement(126609..127160)], trnA [complement(139656..139690)], trnA [complement(140494..140531)], trnI [complement(140602..140636)], trnI [complement(141589..141625)], ndhB [147227..148003], ndhB [148686..149441], rpl2 [158533..158923], rpl2 [159588..160021]	[complement(139691..140493)], trnI [complement(140637..141588)], ndhB [148004..148685], rpl2 [158924..159587]
1420.	EUME	72	trnK [complement(1901..1935)], trnK [complement(4487..4523)], rps16 [complement(5106..5299)], rps16 [complement(6178..6217)], trnG [9819..9841], trnG [10587..10635], atpF [complement(12877..13301)], atpF [complement(14044..14188)], rpoC1 [complement(22344..23960)], rpoC1 [complement(24696..25148)], ycf3 [complement(46207..46359)], ycf3 [complement(47093..47322)], ycf3 [complement(48080..48203)], trnL [51509..51543], trnL [52059..52104], trnV [complement(55301..55335)], trnV [complement(55936..55974)], rps12 [74475..74588], rps12 [145881..146119], rps12 [146648..146684], rps12 [complement(103349..103579)], rps12 [complement(102776..102802)], clpP [complement(74755..74982)], clpP [complement(75605..75896)], clpP [complement(76798..76868)], petB [79682..79687], petB [80460..81101], petD [81294..81301], petD [82072..82546], rpl16 [complement(86052..86450)], rpl16 [complement(87443..87451)], rpl2 [complement(89134..89567)], rpl2 [complement(90232..90622)], ndhB [complement(99714..100469)], ndhB [complement(101153..101929)], trnI [107532..107568], trnI [108521..108555], trnA [108625..108662], trnA [109466..109500], ndhA [complement(125288..125827)], ndhA [complement(126890..127441)], trnA [complement(139960..139994)], trnA [complement(140798..140835)], trnI [complement(140906..140940)], trnI [complement(141893..141929)], ndhB [147531..148307], ndhB [148991..149746], rpl2 [158838..159228], rpl2 [159893..160326]	trnK [complement(1936..4486)], rps16 [complement(5300..6177)], trnG [9842..10586], atpF [complement(13302..14043)], rpoC1 [complement(23961..24695)], ycf3 [complement(46360..47092)], ycf3 [complement(47323..48079)], trnL [51544..52058], trnV [complement(55336..55935)], clpP [complement(74983..75604)], clpP [complement(75897..76797)], petB [79688..80459], petD [81302..82071], rpl16 [complement(86451..87442)], rpl2 [complement(89568..90231)], ndhB [complement(100470..101152)], trnI [107569..108520], trnA [108663..109465], ndhA [complement(125828..126889)], trnA [complement(139995..140797)], trnI [complement(140941..141892)], ndhB [148308..148990], rpl2 [159229..159892]
1421.	EUMI	72	trnK [complement(1898..1932)], trnK [complement(4459..4495)], rps16 [complement(5079..5272)], rps16 [complement(6149..6188)], trnG [9717..9739], trnG [10486..10534], atpF [complement(12777..13201)], atpF [complement(13951..14095)], rpoC1 [complement(22290..23906)], rpoC1 [complement(24638..25090)], ycf3 [complement(46190..46342)], ycf3	trnK [complement(1933..4458)], rps16 [complement(5273..6148)], trnG [9740..10485], atpF [complement(13202..13950)], rpoC1 [complement(23907..24637)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(47078..47307)], ycf3 [complement(48067..48190)], trnL [51503..51537], trnL [52053..52098], trnV [complement(55301..55335)], trnV [complement(55935..55973)], rps12 [74438..74551], rps12 [145728..145966], rps12 [146495..146531], rps12 [complement(103319..103549)], rps12 [complement(102746..102772)], clpP [complement(74718..74945)], clpP [complement(75566..75857)], clpP [complement(76735..76805)], petB [79620..79625], petB [80407..81048], petD [81241..81248], petD [82019..82493], rpl16 [complement(86009..86407)], rpl16 [complement(87422..87430)], rpl2 [complement(89105..89538)], rpl2 [complement(90203..90593)], ndhB [complement(99685..100440)], ndhB [complement(101123..101899)], trnI [107502..107538], trnI [108491..108525], trnA [108595..108632], trnA [109436..109470], ndhA [complement(125179..125718)], ndhA [complement(126783..127334)], trnA [complement(139807..139841)], trnA [complement(140645..140682)], trnI [complement(140753..140787)], trnI [complement(141740..141776)], ndhB [147378..148154], ndhB [148837..149592], rpl2 [158684..159074], rpl2 [159739..160172]	[complement(46343..47077)], ycf3 [complement(47308..48066)], trnL [51538..52052], trnV [complement(55336..55934)], clpP [complement(74946..75565)], clpP [complement(75858..76734)], petB [79626..80406], petD [81249..82018], rpl16 [complement(86408..87421)], rpl2 [complement(89539..90202)], ndhB [complement(100441..101122)], trnI [107539..108490], trnA [108633..109435], ndhA [complement(125719..126782)], trnA [complement(139842..140644)], trnI [complement(140788..141739)], ndhB [148155..148836], rpl2 [159075..159738]
1422.	EUNI	72	trnK [complement(1926..1960)], trnK [complement(4513..4549)], rps16 [complement(5132..5325)], rps16 [complement(6202..6241)], trnG [9788..9810], trnG [10555..10603], atpF [complement(12847..13271)], atpF [complement(14017..14161)], rpoC1 [complement(22306..23922)], rpoC1 [complement(24659..25111)], ycf3 [complement(46123..46275)], ycf3 [complement(47010..47239)], ycf3 [complement(47999..48122)], trnL [51425..51459], trnL [51970..52015], trnV [complement(55211..55245)], trnV [complement(55845..55883)], rps12 [74432..74545], rps12 [145764..146002], rps12 [146531..146567], rps12 [complement(103283..103513)], rps12 [complement(102710..102736)], clpP [complement(74712..74939)], clpP [complement(75560..75851)], clpP [complement(76735..76805)], petB [79619..79624], petB [80397..81038], petD [81231..81238], petD [82009..82483], rpl16 [complement(85987..86385)], rpl16 [complement(87379..87387)], rpl2 [complement(89068..89501)], rpl2 [complement(90166..90556)], ndhB [complement(99648..100403)], ndhB	trnK [complement(1961..4512)], rps16 [complement(5326..6201)], trnG [9811..10554], atpF [complement(13272..14016)], rpoC1 [complement(23923..24658)], ycf3 [complement(46276..47009)], ycf3 [complement(47240..47998)], trnL [51460..51969], trnV [complement(55246..55844)], clpP [complement(74940..75559)], clpP [complement(75852..76734)], petB [79625..80396], petD [81239..82008], rpl16 [complement(86386..87378)], rpl2 [complement(89502..90165)], ndhB [complement(100404..101086)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(101087..101863)], trnI [107466..107502], trnI [108455..108489], trnA [108559..108596], trnA [109400..109434], ndhA [complement(125200..125739)], ndhA [complement(126805..127356)], trnA [complement(139843..139877)], trnA [complement(140681..140718)], trnI [complement(140789..140823)], trnI [complement(141776..141812)], ndhB [147414..148190], ndhB [148874..149629], rpl2 [158721..159111], rpl2 [159776..160209]	[107503..108454], trnA [108597..109399], ndhA [complement(125740..126804)], trnA [complement(139878..140680)], trnI [complement(140824..141775)], ndhB [148191..148873], rpl2 [159112..159775]
1423.	EUOB	75	trnH [complement(1..74)], trnH [complement(159527)], trnK [complement(1866..1900)], trnK [complement(4444..4480)], rps16 [complement(5063..5256)], rps16 [complement(6133..6172)], trnG [9690..9712], trnG [10456..10504], atpF [complement(12772..13196)], atpF [complement(13947..14091)], rpoC1 [complement(22215..23831)], rpoC1 [complement(24565..25017)], ycf3 [complement(45632..45784)], ycf3 [complement(46519..46748)], ycf3 [complement(47506..47629)], trnL [50878..50912], trnL [51395..51440], trnV [complement(54612..54646)], trnV [complement(55245..55283)], rps12 [73695..73808], rps12 [145045..145283], rps12 [145812..145848], rps12 [complement(102546..102776)], rps12 [complement(101973..101999)], clpP [complement(73975..74202)], clpP [complement(74824..75115)], clpP [complement(75995..76065)], petB [78879..78884], petB [79665..80306], petD [80499..80506], petD [81277..81751], rpl16 [complement(85256..85654)], rpl16 [complement(86655..86663)], rpl2 [complement(88332..88765)], rpl2 [complement(89430..89820)], ndhB [complement(98912..99667)], ndhB [complement(100350..101126)], trnI [106730..106766], trnI [107719..107753], trnA [107823..107860], trnA [108664..108698], ndhA [complement(124495..125034)], ndhA [complement(126095..126646)], trnA [complement(139123..139157)], trnA [complement(139961..139998)], trnI [complement(140069..140103)], trnI [complement(141056..141092)], ndhB [146695..147471], ndhB [148154..148909], rpl2 [158001..158391], rpl2 [159056..159489]	trnH [complement(75..159526)], trnK [complement(1901..4443)], rps16 [complement(5257..6132)], trnG [9713..10455], atpF [complement(13197..13946)], rpoC1 [complement(23832..24564)], ycf3 [complement(45785..46518)], ycf3 [complement(46749..47505)], trnL [50913..51394], trnV [complement(54647..55244)], clpP [complement(74203..74823)], clpP [complement(75116..75994)], petB [78885..79664], petD [80507..81276], rpl16 [complement(85655..86654)], rpl2 [complement(88766..89429)], ndhB [complement(99668..100349)], trnI [106767..107718], trnA [107861..108663], ndhA [complement(125035..126094)], trnA [complement(139158..139960)], trnI [complement(140104..141055)], ndhB [147472..148153], rpl2 [158392..159055]
1424.	EUPA	72	trnK [complement(1872..1906)], trnK [complement(4433..4469)], rps16 [complement(5053..5246)], rps16 [complement(6123..6162)], trnG	trnK [complement(1907..4432)], rps16 [complement(5247..6122)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[9629..9651], trnG [10395..10443], atpF [complement(12707..13131)], atpF [complement(13883..14027)], rpoC1 [complement(22183..23799)], rpoC1 [complement(24531..24983)], ycf3 [complement(46088..46240)], ycf3 [complement(46966..47195)], ycf3 [complement(47952..48075)], trnL [51407..51441], trnL [51924..51969], trnV [complement(55141..55175)], trnV [complement(55774..55812)], rps12 [74324..74437], rps12 [145694..145932], rps12 [146461..146497], rps12 [complement(103166..103396)], rps12 [complement(102593..102619)], clpP [complement(74605..74832)], clpP [complement(75456..75747)], clpP [complement(76625..76695)], petB [79508..79513], petB [80289..80930], petD [81123..81130], petD [81901..82375], rpl16 [complement(85873..86271)], rpl16 [complement(87273..87281)], rpl2 [complement(88952..89385)], rpl2 [complement(90050..90440)], ndhB [complement(99532..100287)], ndhB [complement(100970..101746)], trnI [107349..107385], trnI [108338..108372], trnA [108442..108479], trnA [109283..109317], ndhA [complement(125120..125659)], ndhA [complement(126747..127298)], trnA [complement(139773..139807)], trnA [complement(140611..140648)], trnI [complement(140719..140753)], trnI [complement(141706..141742)], ndhB [147344..148120], ndhB [148803..149558], rpl2 [158650..159040], rpl2 [159705..160138]</p>	<p>[9652..10394], atpF [complement(13132..13882)], rpoC1 [complement(23800..24530)], ycf3 [complement(46241..46965)], ycf3 [complement(47196..47951)], trnL [51442..51923], trnV [complement(55176..55773)], clpP [complement(74833..75455)], clpP [complement(75748..76624)], petB [79514..80288], petD [81131..81900], rpl16 [complement(86272..87272)], rpl2 [complement(89386..90049)], ndhB [complement(100288..100969)], trnI [107386..108337], trnA [108480..109282], ndhA [complement(125660..126746)], trnA [complement(139808..140610)], trnI [complement(140754..141705)], ndhB [148121..148802], rpl2 [159041..159704]</p>
1425.	EUPL	27	<p>rps12 [complement(75918..76031)], rpoC1 [complement(21993..23615)], rpoC1 [complement(24364..24795)], rps12 [148463..148488]</p>	<p>trnK-UUU [complement(1672..4124)], rps16 [complement(5274..6120)], trnG-UCC [10184..10887], atpF [complement(12933..14009)], rpoC1 [complement(23616..24363)], ycf3 [complement(46169..46912)], ycf3 [complement(47143..47867)], trnL-UAA [51210..51710], trnV-UAC [complement(56809..57404)], clpP [complement(76440..77086)], clpP [complement(77378..78173)], petB [81140..81945], petD [82793..83495], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(87861..88871)], rpl2 [complement(91068..91727)], ndhB [complement(101475..102174)], trnI-GAU [108591..109530], trnA-UGC [109668..110466], ndhA [complement(127611..128685)], trnA-UGC [complement(141818..142616)], trnI-GAU [complement(142754..143693)], ndhB [150110..150809], rpl2 [160557..161216]
1426.	EUPO	72	trnK [complement(1865..1899)], trnK [complement(4451..4487)], rps16 [complement(4995..5188)], rps16 [complement(6067..6106)], trnG [9688..9710], trnG [10456..10504], atpF [complement(12746..13170)], atpF [complement(13914..14058)], rpoC1 [complement(22210..23826)], rpoC1 [complement(24563..25015)], ycf3 [complement(46080..46232)], ycf3 [complement(46967..47196)], ycf3 [complement(47954..48077)], trnL [51376..51410], trnL [51926..51971], trnV [complement(55168..55202)], trnV [complement(55803..55841)], rps12 [74349..74462], rps12 [145763..146001], rps12 [146530..146566], rps12 [complement(103220..103450)], rps12 [complement(102647..102673)], clpP [complement(74629..74856)], clpP [complement(75478..75769)], clpP [complement(76671..76741)], petB [79555..79560], petB [80333..80974], petD [81167..81174], petD [81945..82419], rpl16 [complement(85924..86322)], rpl16 [complement(87315..87323)], rpl2 [complement(89005..89438)], rpl2 [complement(90103..90493)], ndhB [complement(99585..100340)], ndhB [complement(101024..101800)], trnI [107403..107439], trnI [108392..108426], trnA [108496..108533], trnA [109337..109371], ndhA [complement(125195..125734)], ndhA [complement(126773..127324)], trnA [complement(139842..139876)], trnA [complement(140680..140717)], trnI [complement(140788..140822)], trnI [complement(141775..141811)], ndhB [147413..148189], ndhB [148873..149628], rpl2 [158720..159110], rpl2 [159775..160208]	trnK [complement(1900..4450)], rps16 [complement(5189..6066)], trnG [9711..10455], atpF [complement(13171..13913)], rpoC1 [complement(23827..24562)], ycf3 [complement(46233..46966)], ycf3 [complement(47197..47953)], trnL [51411..51925], trnV [complement(55203..55802)], clpP [complement(74857..75477)], clpP [complement(75770..76670)], petB [79561..80332], petD [81175..81944], rpl16 [complement(86323..87314)], rpl2 [complement(89439..90102)], ndhB [complement(100341..101023)], trnI [107440..108391], trnA [108534..109336], ndhA [complement(125735..126772)], trnA [complement(139877..140679)], trnI [complement(140823..141774)], ndhB [148190..148872], rpl2 [159111..159774]
1427.	EUPU	73	rps12 [complement(102465..102491)], rps12 [complement(103038..103268)],	trnK [complement(1907..4432)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(74203..74316)], trnK [complement(1872..1906)], trnK [complement(4433..4469)], rps16 [complement(5053..5246)], rps16 [complement(6122..6161)], trnG [9652..9674], trnG [10417..10465], atpF [complement(12719..13143)], atpF [complement(13894..14038)], rpoC1 [complement(22191..23809)], rpoC1 [complement(24542..24992)], ycf3 [complement(46043..46197)], ycf3 [complement(46932..47159)], ycf3 [complement(47914..48037)], trnL [51355..51390], trnL [51869..51917], trnV [complement(55120..55154)], trnV [complement(55753..55789)], rps12 [complement(74203..74316)], rps12 [145462..145692], rps12 [146239..146265], clpP [complement(74484..74711)], clpP [complement(75332..75623)], clpP [complement(76500..76570)], petB [79384..79389], petB [80170..80811], petD [81004..81011], petD [81782..82256], rpl16 [complement(85759..86157)], rpl16 [complement(87152..87160)], rpl2 [complement(88824..89257)], rpl2 [complement(89922..90312)], ndhB [complement(99404..100159)], ndhB [complement(100842..101618)], trnI [107222..107263], trnI [108211..108245], trnA [108315..108352], trnA [109156..109190], ndhA [complement(124953..125493)], ndhA [complement(126557..127107)], trnA [complement(139540..139574)], trnA [complement(140378..140415)], trnI [complement(140485..140519)], trnI [complement(141467..141508)], ndhB [147112..147888], ndhB [148571..149326], rpl2 [158418..158808], rpl2 [159473..159906]</p>	<p>[complement(5247..6121)], trnG [9675..10416], atpF [complement(13144..13893)], rpoC1 [complement(23810..24541)], ycf3 [complement(46198..46931)], ycf3 [complement(47160..47913)], trnL [51391..51868], trnV [complement(55155..55752)], clpP [complement(74712..75331)], clpP [complement(75624..76499)], petB [79390..80169], petD [81012..81781], rpl16 [complement(86158..87151)], rpl2 [complement(89258..89921)], ndhB [complement(100160..100841)], trnI [107264..108210], trnA [108353..109155], ndhA [complement(125494..126556)], trnA [complement(139575..140377)], trnI [complement(140520..141466)], ndhB [147889..148570], rpl2 [158809..159472]</p>
1428.	EURA	75	<p>trnH [complement(1..74)], trnH [complement(159529)], trnK [complement(1865..1899)], trnK [complement(4443..4479)], rps16 [complement(5062..5255)], rps16 [complement(6132..6171)], trnG [9680..9702], trnG [10446..10494], atpF [complement(12761..13185)], atpF [complement(13936..14080)], rpoC1 [complement(22204..23820)], rpoC1 [complement(24554..25006)], ycf3 [complement(45624..45776)], ycf3 [complement(46511..46740)], ycf3 [complement(47498..47621)], trnL [50870..50904], trnL [51387..51432], trnV [complement(54603..54637)], trnV [complement(55236..55274)], rps12 [73695..73808], rps12 [145047..145285], rps12 [145814..145850], rps12 [complement(102548..102778)], rps12</p>	<p>trnH [complement(75..159528)], trnK [complement(1900..4442)], rps16 [complement(5256..6131)], trnG [9703..10445], atpF [complement(13186..13935)], rpoC1 [complement(23821..24553)], ycf3 [complement(45777..46510)], ycf3 [complement(46741..47497)], trnL [50905..51386], trnV [complement(54638..55235)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(101975..102001)], clpP [complement(73975..74202)], clpP [complement(74825..75116)], clpP [complement(75996..76066)], petB [78880..78885], petB [79666..80307], petD [80500..80507], petD [81278..81752], rpl16 [complement(85257..85655)], rpl16 [complement(86656..86664)], rpl2 [complement(88334..88767)], rpl2 [complement(89432..89822)], ndhB [complement(98914..99669)], ndhB [complement(100352..101128)], trnI [106732..106768], trnI [107721..107755], trnA [107825..107862], trnA [108666..108700], ndhA [complement(124497..125036)], ndhA [complement(126097..126648)], trnA [complement(139125..139159)], trnA [complement(139963..140000)], trnI [complement(140071..140105)], trnI [complement(141058..141094)], ndhB [146697..147473], ndhB [148156..148911], rpl2 [158003..158393], rpl2 [159058..159491]	[complement(74203..74824)], clpP [complement(75117..75995)], petB [78886..79665], petD [80508..81277], rpl16 [complement(85656..86655)], rpl2 [complement(88768..89431)], ndhB [complement(99670..100351)], trnI [106769..107720], trnA [107863..108665], ndhA [complement(125037..126096)], trnA [complement(139160..139962)], trnI [complement(140106..141057)], ndhB [147474..148155], rpl2 [158394..159057]
1429.	EURE	75	trnH [complement(1..74)], trnH [complement(160031)], trnK [complement(1871..1905)], trnK [complement(4432..4468)], rps16 [complement(5052..5245)], rps16 [complement(6121..6160)], trnG [9657..9679], trnG [10422..10470], atpF [complement(12724..13148)], atpF [complement(13899..14043)], rpoC1 [complement(22245..23861)], rpoC1 [complement(24594..25046)], ycf3 [complement(46099..46251)], ycf3 [complement(46986..47215)], ycf3 [complement(47971..48094)], trnL [51401..51435], trnL [51918..51963], trnV [complement(55133..55167)], trnV [complement(55766..55804)], rps12 [74250..74363], rps12 [145549..145787], rps12 [146316..146352], rps12 [complement(103113..103343)], rps12 [complement(102540..102566)], clpP [complement(74531..74758)], clpP [complement(75380..75671)], clpP [complement(76551..76621)], petB [79435..79440], petB [80221..80862], petD [81055..81062], petD [81833..82307], rpl16 [complement(85811..86209)], rpl16 [complement(87230..87238)], rpl2 [complement(88899..89332)], rpl2 [complement(89997..90387)], ndhB [complement(99479..100234)], ndhB [complement(100917..101693)], trnI [107291..107327], trnI [108280..108314], trnA [108384..108421], trnA [109225..109259], ndhA [complement(125037..125576)], ndhA [complement(126638..127189)], trnA	trnH [complement(75..160030)], trnK [complement(1906..4431)], rps16 [complement(5246..6120)], trnG [9680..10421], atpF [complement(13149..13898)], rpoC1 [complement(23862..24593)], ycf3 [complement(46252..46985)], ycf3 [complement(47216..47970)], trnL [51436..51917], trnV [complement(55168..55765)], clpP [complement(74759..75379)], clpP [complement(75672..76550)], petB [79441..80220], petD [81063..81832], rpl16 [complement(86210..87229)], rpl2 [complement(89333..89996)], ndhB [complement(100235..100916)], trnI [107328..108279], trnA [108422..109224], ndhA [complement(125577..126637)], trnA [complement(139668..140470)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(139633..139667)], trnA [complement(140471..140508)], trnI [complement(140579..140613)], trnI [complement(141566..141602)], ndhB [147199..147975], ndhB [148658..149413], rpl2 [158505..158895], rpl2 [159560..159993]	[complement(140614..141565)], ndhB [147976..148657], rpl2 [158896..159559]
1430.	EURG	63	rps12 [complement(97205..97230)], rps12 [complement(97769..98000)], rps12 [complement(69673..69786)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4209..4245)], rps16 [complement(5112..5305)], rps16 [complement(6145..6184)], trnG-UCC [9217..9239], trnG-UCC [9903..9950], atpF [complement(11921..12331)], atpF [complement(13019..13252)], rpoC1 [complement(20861..22528)], rpoC1 [complement(23296..23751)], ycf3 [complement(42497..42649)], ycf3 [complement(43355..43583)], ycf3 [complement(44282..44415)], trnL-UAA [47403..47437], trnL-UAA [47900..47949], trnV-UAC [complement(51346..51380)], trnV-UAC [complement(51963..52000)], rps12 [138920..139151], rps12 [139690..139715], clpP [complement(69938..70165)], clpP [complement(70793..71084)], clpP [complement(71813..71883)], petB [74791..74796], petB [75525..76166], petD [76372..76379], petD [77145..77619], rpl16 [complement(81011..81409)], rpl16 [complement(82275..82283)], rpl2 [complement(83946..84379)], rpl2 [complement(85049..85442)], trnI-GAU [101643..101679], trnI-GAU [102626..102660], trnA-UGC [102725..102762], trnA-UGC [103575..103609], trnA-UGC [complement(133311..133345)], trnA-UGC [complement(134158..134195)], trnI-GAU [complement(134260..134294)], trnI-GAU [complement(135241..135277)], rpl2 [151478..151868], rpl2 [152541..152974]	trnK-UUU [complement(1737..4208)], rps16 [complement(5306..6144)], trnG-UCC [9240..9902], atpF [complement(12332..13018)], rpoC1 [complement(22529..23295)], ycf3 [complement(42650..43354)], ycf3 [complement(43584..44281)], trnL-UAA [47438..47899], trnV-UAC [complement(51381..51962)], clpP [complement(70166..70792)], clpP [complement(71085..71812)], petB [74797..75524], petD [76380..77144], rpl16 [complement(81410..82274)], rpl2 [complement(84380..85048)], trnI-GAU [101680..102625], trnA-UGC [102763..103574], trnA-UGC [complement(133346..134157)], trnI-GAU [complement(134295..135240)], rpl2 [151869..152540]
1431.	EUSA	72	trnK [complement(1895..1929)], trnK [complement(4474..4510)], rps16 [complement(5093..5286)], rps16 [complement(6172..6211)], trnG [9726..9748], trnG [10494..10542], atpF [complement(12781..13205)], atpF [complement(13952..14096)], rpoC1 [complement(22260..23876)], rpoC1 [complement(24635..25087)], ycf3 [complement(46184..46336)], ycf3 [complement(47073..47302)], ycf3 [complement(48064..48187)], trnL [51526..51560], trnL [52076..52121], trnV [complement(55342..55376)], trnV	trnK [complement(1930..4473)], rps16 [complement(5287..6171)], trnG [9749..10493], atpF [complement(13206..13951)], rpoC1 [complement(23877..24634)], ycf3 [complement(46337..47072)], ycf3 [complement(47303..48063)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(55978..56016)], rps12 [74584..74697], rps12 [145912..146150], rps12 [146679..146715], rps12 [complement(103445..103675)], rps12 [complement(102872..102898)], clpP [complement(74864..75091)], clpP [complement(75712..76003)], clpP [complement(76892..76962)], petB [79776..79781], petB [80562..81203], petD [81396..81403], petD [82174..82648], rpl16 [complement(86152..86550)], rpl16 [complement(87542..87550)], rpl2 [complement(89231..89664)], rpl2 [complement(90329..90719)], ndhB [complement(99811..100566)], ndhB [complement(101249..102025)], trnI [107628..107664], trnI [108617..108651], trnA [108721..108758], trnA [109562..109596], ndhA [complement(125315..125854)], ndhA [complement(126953..127504)], trnA [complement(139991..140025)], trnA [complement(140829..140866)], trnI [complement(140937..140971)], trnI [complement(141924..141960)], ndhB [147562..148338], ndhB [149021..149776], rpl2 [158868..159258], rpl2 [159923..160356]	[51561..52075], trnV [complement(55377..55977)], clpP [complement(75092..75711)], clpP [complement(76004..76891)], petB [79782..80561], petD [81404..82173], rpl16 [complement(86551..87541)], rpl2 [complement(89665..90328)], ndhB [complement(100567..101248)], trnI [107665..108616], trnA [108759..109561], ndhA [complement(125855..126952)], trnA [complement(140026..140828)], trnI [complement(140972..141923)], ndhB [148339..149020], rpl2 [159259..159922]
1432.	EUSC	70	rps12 [complement(100033..100058)], rps12 [complement(100603..100834)], rps12 [complement(71285..71398)], trnK-UUU [complement(1846..1880)], trnK-UUU [complement(4400..4436)], trnG-GCC [8314..8336], trnG-GCC [9109..9157], atpF [complement(11594..12004)], atpF [complement(12697..12840)], rpoC1 [complement(20872..22497)], rpoC1 [complement(23314..23748)], ycf3 [complement(43777..43929)], ycf3 [complement(44664..44891)], ycf3 [complement(45634..45759)], trnL-UAA [49274..49310], trnL-UAA [49851..49900], trnV-UAC [complement(53392..53428)], trnV-UAC [complement(54058..54096)], rps12 [complement(71285..71398)], rps12 [142895..143126], rps12 [143671..143696], clpP [complement(71623..71853)], clpP [complement(72481..72771)], clpP [complement(73639..73707)], petB [76604..76609], petB [77372..78013], petD [78228..78235], petD [78958..79432], rpl16 [complement(83000..83398)], rpl16 [complement(84532..84540)], rpl2 [complement(86377..86810)], rpl2 [complement(87490..87880)], ndhB [complement(96967..97722)], ndhB [complement(98408..99184)], trnI-GAU [104751..104792], trnI-GAU	trnK-UUU [complement(1881..4399)], trnG-GCC [8337..9108], atpF [complement(12005..12696)], rpoC1 [complement(22498..23313)], ycf3 [complement(43930..44663)], ycf3 [complement(44892..45633)], trnL-UAA [49311..49850], trnV-UAC [complement(53429..54057)], clpP [complement(71854..72480)], clpP [complement(72772..73638)], petB [76610..77371], petD [78236..78957], rpl16 [complement(83399..84531)], rpl2 [complement(86811..87489)], ndhB [complement(97723..98407)], trnI-GAU [104793..105737], trnA-UGC [105875..106673], ndhA [complement(122773..123946)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105738..105772], trnA-UGC [105837..105874], trnA-UGC [106674..106708], ndhA [complement(122234..122772)], ndhA [complement(123947..124499)], trnA-UGC [complement(137021..137055)], trnA-UGC [complement(137855..137892)], trnI-GAU [complement(137957..137991)], trnI-GAU [complement(138937..138978)], ndhB [144545..145321], ndhB [146007..146762], rpl2 [155849..156241], rpl2 [156882..157352]	[complement(137056..137854)], trnI-GAU [complement(137992..138936)], ndhB [145322..146006], rpl2 [156242..156881]
1433.	EUSI	75	trnH [complement(1..74)], trnH [complement(159985)], trnK [complement(1871..1905)], trnK [complement(4432..4468)], rps16 [complement(5053..5246)], rps16 [complement(6122..6161)], trnG [9662..9684], trnG [10427..10475], atpF [complement(12728..13152)], atpF [complement(13903..14047)], rpoC1 [complement(22207..23823)], rpoC1 [complement(24556..25008)], ycf3 [complement(46059..46211)], ycf3 [complement(46945..47174)], ycf3 [complement(47930..48053)], trnL [51379..51413], trnL [51896..51941], trnV [complement(55114..55148)], trnV [complement(55747..55785)], rps12 [74238..74351], rps12 [145503..145741], rps12 [146270..146306], rps12 [complement(103101..103331)], rps12 [complement(102528..102554)], clpP [complement(74519..74746)], clpP [complement(75368..75659)], clpP [complement(76539..76609)], petB [79423..79428], petB [80209..80850], petD [81043..81050], petD [81821..82295], rpl16 [complement(85799..86197)], rpl16 [complement(87218..87226)], rpl2 [complement(88887..89320)], rpl2 [complement(89985..90375)], ndhB [complement(99467..100222)], ndhB [complement(100905..101681)], trnI [107285..107321], trnI [108274..108308], trnA [108378..108415], trnA [109219..109253], ndhA [complement(124985..125524)], ndhA [complement(126586..127137)], trnA [complement(139581..139615)], trnA [complement(140419..140456)], trnI [complement(140527..140561)], trnI [complement(141514..141550)], ndhB [147153..147929], ndhB [148612..149367], rpl2 [158459..158849], rpl2 [159514..159947]	trnH [complement(75..159984)], trnK [complement(1906..4431)], rps16 [complement(5247..6121)], trnG [9685..10426], atpF [complement(13153..13902)], rpoC1 [complement(23824..24555)], ycf3 [complement(46212..46944)], ycf3 [complement(47175..47929)], trnL [51414..51895], trnV [complement(55149..55746)], clpP [complement(74747..75367)], clpP [complement(75660..76538)], petB [79429..80208], petD [81051..81820], rpl16 [complement(86198..87217)], rpl2 [complement(89321..89984)], ndhB [complement(100223..100904)], trnI [107322..108273], trnA [108416..109218], ndhA [complement(125525..126585)], trnA [complement(139616..140418)], trnI [complement(140562..141513)], ndhB [147930..148611], rpl2 [158850..159513]
1434.	EUSL	72	trnK [complement(1875..1909)], trnK [complement(4461..4497)], rps16 [complement(5082..5275)], rps16 [complement(6152..6191)], trnG [9756..9778], trnG [10523..10571], atpF [complement(12840..13264)], atpF	trnK [complement(1910..4460)], rps16 [complement(5276..6151)], trnG [9779..10522], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(14009..14153)], rpoC1 [complement(22313..23929)], rpoC1 [complement(24666..25118)], ycf3 [complement(46124..46276)], ycf3 [complement(47011..47240)], ycf3 [complement(48000..48123)], trnL [51448..51482], trnL [51993..52038], trnV [complement(55234..55268)], trnV [complement(55868..55906)], rps12 [74466..74579], rps12 [145634..145872], rps12 [146401..146437], rps12 [complement(103193..103423)], rps12 [complement(102620..102646)], clpP [complement(74746..74973)], clpP [complement(75595..75886)], clpP [complement(76768..76838)], petB [79652..79657], petB [80430..81071], petD [81264..81271], petD [82042..82516], rpl16 [complement(86022..86420)], rpl16 [complement(87414..87422)], rpl2 [complement(89101..89534)], rpl2 [complement(90199..90589)], ndhB [complement(99558..100313)], ndhB [complement(100997..101773)], trnI [107376..107412], trnI [108365..108399], trnA [108469..108506], trnA [109310..109344], ndhA [complement(125079..125618)], ndhA [complement(126684..127235)], trnA [complement(139713..139747)], trnA [complement(140551..140588)], trnI [complement(140659..140693)], trnI [complement(141646..141682)], ndhB [147284..148060], ndhB [148744..149499], rpl2 [158468..158858], rpl2 [159523..159956]</p>	<p>[complement(13265..14008)], rpoC1 [complement(23930..24665)], ycf3 [complement(46277..47010)], ycf3 [complement(47241..47999)], trnL [51483..51992], trnV [complement(55269..55867)], clpP [complement(74974..75594)], clpP [complement(75887..76767)], petB [79658..80429], petD [81272..82041], rpl16 [complement(86421..87413)], rpl2 [complement(89535..90198)], ndhB [complement(100314..100996)], trnI [107413..108364], trnA [108507..109309], ndhA [complement(125619..126683)], trnA [complement(139748..140550)], trnI [complement(140694..141645)], ndhB [148061..148743], rpl2 [158859..159522]</p>
1435.	EUSM	23	<p>trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3910..3947)], rps12 [130673..130701]</p>	<p>trnK-UUU [complement(1416..3909)], rps16 [complement(4717..5549)], trnG-UCC [complement(13506..14203)], atpF [35314..36152], ycf3 [complement(44468..45203)], ycf3 [complement(45432..46159)], trnL-UAA [49082..49533], trnV-UAC [complement(53275..53876)], petB [73322..74074], petD [74913..75652], rpl16 [complement(80081..81172)], rpl2 [complement(83574..84236)], ndhB [complement(90196..90898)], trnI-GAU [97209..98154], trnA-UGC [98293..99102],</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(115110..116132)], trnA-UGC [complement(124105..124914)], trnI-GAU [complement(125053..125998)], ndhB [132309..133011], rpl2 [138971..139633]
1436.	EUSP	72	trnK [complement(1868..1902)], trnK [complement(4476..4512)], rps16 [complement(5110..5303)], rps16 [complement(6180..6219)], trnG [9795..9817], trnG [10561..10609], atpF [complement(12851..13275)], atpF [complement(14019..14163)], rpoC1 [complement(22302..23918)], rpoC1 [complement(24652..25104)], ycf3 [complement(45898..46050)], ycf3 [complement(46785..47014)], ycf3 [complement(47770..47893)], trnL [51236..51270], trnL [51786..51831], trnV [complement(55007..55041)], trnV [complement(55637..55675)], rps12 [74153..74266], rps12 [146579..146817], rps12 [147346..147382], rps12 [complement(102992..103222)], rps12 [complement(102419..102445)], clpP [complement(74433..74660)], clpP [complement(75280..75571)], clpP [complement(76460..76530)], petB [79344..79349], petB [80115..80756], petD [80949..80956], petD [81727..82201], rpl16 [complement(85706..86104)], rpl16 [complement(87099..87107)], rpl2 [complement(88783..89216)], rpl2 [complement(89881..90271)], ndhB [complement(99358..100113)], ndhB [complement(100796..101572)], trnI [107175..107211], trnI [108164..108198], trnA [108268..108305], trnA [109109..109143], ndhA [complement(126017..126556)], ndhA [complement(127624..128175)], trnA [complement(140658..140692)], trnA [complement(141496..141533)], trnI [complement(141604..141638)], trnI [complement(142591..142627)], ndhB [148229..149005], ndhB [149688..150443], rpl2 [159530..159920], rpl2 [160585..161018]	trnK [complement(1903..4475)], rps16 [complement(5304..6179)], trnG [9818..10560], atpF [complement(13276..14018)], rpoC1 [complement(23919..24651)], ycf3 [complement(46051..46784)], ycf3 [complement(47015..47769)], trnL [51271..51785], trnV [complement(55042..55636)], clpP [complement(74661..75279)], clpP [complement(75572..76459)], petB [79350..80114], petD [80957..81726], rpl16 [complement(86105..87098)], rpl2 [complement(89217..89880)], ndhB [complement(100114..100795)], trnI [107212..108163], trnA [108306..109108], ndhA [complement(126557..127623)], trnA [complement(140693..141495)], trnI [complement(141639..142590)], ndhB [149006..149687], rpl2 [159921..160584]
1437.	EUSS	45	rps12 [complement(97635..97660)], rps12 [complement(98198..98429)], rps12 [complement(69259..69372)], rps16 [complement(5109..5308)], rps16 [complement(6199..6238)], atpF [complement(11560..11969)], atpF [complement(12700..12847)], rpoC1 [complement(20305..21915)], rpoC1 [complement(22706..23137)], ycf3 [complement(42547..42699)], ycf3 [complement(43479..43708)], ycf3 [complement(44418..44544)], rps12	rps16 [complement(5309..6198)], atpF [complement(11970..12699)], rpoC1 [complement(21916..22705)], ycf3 [complement(42700..43478)], ycf3 [complement(43709..44417)], clpP [complement(69783..70362)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[138874..139105], rps12 [139643..139668], clpP [complement(69555..69782)], clpP [complement(70363..70654)], clpP [complement(71552..71622)], petB [74586..74591], petB [75390..76031], rpl16 [complement(80879..81277)], rpl16 [complement(82367..82375)], rpl2 [complement(84063..84497)], rpl2 [complement(85180..85569)], ndhB [complement(94583..95344)], ndhB [complement(96024..96800)], ndhA [complement(119215..119744)], ndhA [complement(120763..121315)], ndhB [140503..141279], ndhB [141959..142720], rpl2 [151734..152124], rpl2 [152771..153240]	[complement(70655..71551)], petB [74592..75389], rpl16 [complement(81278..82366)], rpl2 [complement(84498..85179)], ndhB [complement(95345..96023)], ndhA [complement(119745..120762)], ndhB [141280..141958], rpl2 [152125..152770]
1438.	EUTI	43	rps12 [complement(105774..105799)], rps12 [complement(106336..106567)], rps12 [complement(76600..76713)], trnK [complement(2280..2308)], trnK [complement(4872..4908)], atpF [complement(13335..13804)], atpF [complement(14472..14616)], ycf3 [complement(46418..46570)], ycf3 [complement(47248..47477)], ycf3 [complement(48211..48334)], trnL [50686..50722], trnL [51313..51362], clpP [complement(76973..77201)], clpP [complement(77853..78143)], clpP [complement(78971..79041)], rpl2 [complement(92022..92489)], rpl2 [complement(93119..93514)], trnI [110542..110583], trnI [111529..111563], trnA [111628..111665], trnA [112469..112503], ndhA [complement(127527..128065)], ndhA [complement(129203..129755)], trnA [complement(141848..141882)], trnA [complement(142686..142723)], trnI [complement(142788..142822)], trnI [complement(143768..143809)], rpl2 [160837..161232], rpl2 [161862..162329]	trnK [complement(2309..4871)], atpF [complement(13805..14471)], ycf3 [complement(46571..47247)], ycf3 [complement(47478..48210)], trnL [50723..51312], clpP [complement(77202..77852)], clpP [complement(78144..78970)], rpl2 [complement(92490..93118)], trnI [110584..111528], trnA [111666..112468], ndhA [complement(128066..129202)], trnA [complement(141883..142685)], trnI [complement(142823..143767)], rpl2 [161233..161861]
1439.	EUTO	72	trnK [complement(1868..1902)], trnK [complement(4453..4489)], rps16 [complement(5072..5265)], rps16 [complement(6166..6205)], trnG [9775..9797], trnG [10541..10589], atpF [complement(12832..13256)], atpF [complement(14001..14145)], rpoC1 [complement(22310..23926)], rpoC1 [complement(24661..25113)], ycf3 [complement(46171..46323)], ycf3 [complement(47058..47287)], ycf3 [complement(48038..48161)], trnL [51486..51520], trnL [52031..52076], trnV [complement(55284..55318)], trnV [complement(55919..55957)], rps12 [74446..74559], rps12 [145726..145964], rps12 [146493..146529], rps12 [complement(103286..103516)], rps12 [complement(102713..102739)], clpP [complement(74726..74953)], clpP [complement(75576..75867)], clpP [complement(76748..76818)], petB	trnK [complement(1903..4452)], rps16 [complement(5266..6165)], trnG [9798..10540], atpF [complement(13257..14000)], rpoC1 [complement(23927..24660)], ycf3 [complement(46324..47057)], ycf3 [complement(47288..48037)], trnL [51521..52030], trnV [complement(55319..55918)], clpP [complement(74954..75575)], clpP [complement(75868..76747)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79631..79636], petB [80402..81043], petD [81236..81243], petD [82014..82488], rpl16 [complement(85994..86392)], rpl16 [complement(87386..87394)], rpl2 [complement(89072..89505)], rpl2 [complement(90170..90560)], ndhB [complement(99652..100407)], ndhB [complement(101090..101866)], trnI [107469..107505], trnI [108458..108492], trnA [108562..108599], trnA [109403..109437], ndhA [complement(125179..125718)], ndhA [complement(126783..127334)], trnA [complement(139805..139839)], trnA [complement(140643..140680)], trnI [complement(140751..140785)], trnI [complement(141738..141774)], ndhB [147376..148152], ndhB [148835..149590], rpl2 [158682..159072], rpl2 [159737..160170]	[79637..80401], petD [81244..82013], rpl16 [complement(86393..87385)], rpl2 [complement(89506..90169)], ndhB [complement(100408..101089)], trnI [107506..108457], trnA [108600..109402], ndhA [complement(125719..126782)], trnA [complement(139840..140642)], trnI [complement(140786..141737)], ndhB [148153..148834], rpl2 [159073..159736]
1440.	EUTR	69	rps12 [complement(99414..99439)], rps12 [complement(99986..100214)], rps12 [complement(70527..70640)], trnK-UUU [complement(1521..1555)], trnK-UUU [complement(4190..4226)], rps16 [complement(4949..5168)], rps16 [complement(6027..6067)], trnG-UCC [9338..9360], trnG-UCC [10067..10115], atpF [complement(12049..12459)], atpF [complement(13262..13408)], rpoC1 [complement(21274..22903)], rpoC1 [complement(23645..24072)], ycf3 [complement(42910..43070)], ycf3 [complement(43805..44032)], ycf3 [complement(44762..44885)], trnL-UAA [47686..47720], trnL-UAA [48228..48277], trnV-UAC [complement(52660..52696)], trnV-UAC [complement(53285..53323)], rps12 [140171..140399], rps12 [140946..140971], clpP [complement(70770..71021)], clpP [complement(71684..71975)], clpP [complement(72805..72875)], petB [75810..75815], petB [76598..77245], petD [77439..77446], petD [78198..78711], rpl16 [complement(82185..82583)], rpl16 [complement(83801..83809)], rpl2 [complement(85642..86073)], rpl2 [complement(86736..87125)], ndhB [complement(96347..97102)], ndhB [complement(97807..98583)], trnI-GAU [104196..104237], trnI-GAU [105178..105212], trnA-UGC [105277..105314], trnA-UGC [106115..106149], trnA-UGC [complement(134236..134270)], trnA-UGC [complement(135071..135108)], trnI-GAU [complement(135173..135207)], trnI-GAU [complement(136148..136189)], ndhB [141802..142578], ndhB	trnK-UUU [complement(1556..4189)], rps16 [complement(5169..6026)], trnG-UCC [9361..10066], atpF [complement(12460..13261)], rpoC1 [complement(22904..23644)], ycf3 [complement(43071..43804)], ycf3 [complement(44033..44761)], trnL-UAA [47721..48227], trnV-UAC [complement(52697..53284)], clpP [complement(71022..71683)], clpP [complement(71976..72804)], petB [75816..76597], petD [77447..78197], rpl16 [complement(82584..83800)], rpl2 [complement(86074..86735)], ndhB [complement(97103..97806)], trnI-GAU [104238..105177], trnA-UGC [105315..106114], trnA-UGC [complement(134271..135070)], trnI-GAU [complement(135208..136147)], ndhB [142579..143282], rpl2 [153650..154311]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143283..144038], rpl2 [153260..153649], rpl2 [154312..154743]	
1441.	EUUL	56	trnK-UUU [complement(1571..1605)], trnK-UUU [complement(4124..4160)], rps16 [complement(4906..5117)], rps16 [complement(6034..6073)], ycf3 [10485..10610], ycf3 [11358..11585], ycf3 [12377..12529], rpoC1 [32380..32835], rpoC1 [33599..35218], atpF [43300..43458], atpF [44157..44633], rps12 [50380..50493], rps12 [149157..149411], rps12 [complement(100947..101201)], trnV-UAC [69608..69645], trnV-UAC [70236..70270], trnL-UAA [complement(73377..73426)], trnL-UAA [complement(73938..73974)], rpl16 [complement(83743..84135)], rpl16 [complement(85123..85131)], rpl2 [complement(86837..87268)], rpl2 [complement(87953..88345)], ndhB [complement(97341..98097)], ndhB [complement(98768..99543)], trnI-GAU [104968..105009], trnI-GAU [105957..105991], trnA-UGC [106056..106093], trnA-UGC [106902..106936], ndhA [complement(128322..128861)], ndhA [complement(130045..130596)], trnA-UGC [complement(143422..143456)], trnA-UGC [complement(144265..144303)], trnI-GAU [complement(144367..144401)], trnI-GAU [complement(145349..145390)], ndhB [150815..151590], ndhB [152261..153017], rpl2 [162013..162405], rpl2 [163091..163522]	trnK-UUU [complement(1606..4123)], rps16 [complement(5118..6033)], ycf3 [10611..11357], ycf3 [11586..12376], rpoC1 [32836..33598], atpF [43459..44156], trnV-UAC [69646..70235], trnL-UAA [complement(73427..73937)], rpl16 [complement(84136..85122)], rpl2 [complement(87269..87952)], ndhB [complement(98098..98767)], trnI-GAU [105010..105956], trnA-UGC [106094..106901], ndhA [complement(128862..130044)], trnA-UGC [complement(143457..144264)], trnI-GAU [complement(144402..145348)], ndhB [151591..152260], rpl2 [162406..163090]
1442.	EUUM	75	trnH [complement(1..74)], trnH [complement(159576)], trnK [complement(1868..1902)], trnK [complement(4446..4482)], rps16 [complement(5066..5259)], rps16 [complement(6136..6175)], trnG [9738..9760], trnG [10503..10551], atpF [complement(12810..13234)], atpF [complement(13985..14129)], rpoC1 [complement(22285..23901)], rpoC1 [complement(24634..25086)], ycf3 [complement(46134..46286)], ycf3 [complement(47009..47238)], ycf3 [complement(47995..48118)], trnL [51411..51445], trnL [51923..51968], trnV [complement(55141..55175)], trnV [complement(55774..55812)], rps12 [74239..74352], rps12 [145093..145331], rps12 [145860..145896], rps12 [complement(103118..103348)], rps12 [complement(102545..102571)], clpP [complement(74520..74747)], clpP [complement(75370..75661)], clpP [complement(76540..76610)], petB [79424..79429], petB [80210..80851], petD [81044..81051], petD [81822..82296], rpl16 [complement(85800..86198)], rpl16	trnH [complement(75..159575)], trnK [complement(1903..4445)], rps16 [complement(5260..6135)], trnG [9761..10502], atpF [complement(13235..13984)], rpoC1 [complement(23902..24633)], ycf3 [complement(46287..47008)], ycf3 [complement(47239..47994)], trnL [51446..51922], trnV [complement(55176..55773)], clpP [complement(74748..75369)], clpP [complement(75662..76539)], petB [79430..80209], petD [81052..81821], rpl16 [complement(86199..87224)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87225..87233)], rpl2 [complement(88904..89337)], rpl2 [complement(90002..90392)], ndhB [complement(99484..100239)], ndhB [complement(100922..101698)], trnI [107302..107338], trnI [108291..108325], trnA [108395..108432], trnA [109236..109270], ndhA [complement(124539..125078)], ndhA [complement(126137..126688)], trnA [complement(139171..139205)], trnA [complement(140009..140046)], trnI [complement(140117..140151)], trnI [complement(141104..141140)], ndhB [146743..147519], ndhB [148202..148957], rpl2 [158049..158439], rpl2 [159104..159537]	[complement(89338..90001)], ndhB [complement(100240..100921)], trnI [107339..108290], trnA [108433..109235], ndhA [complement(125079..126136)], trnA [complement(139206..140008)], trnI [complement(140152..141103)], ndhB [147520..148201], rpl2 [158440..159103]
1443.	EUUN	73	rps12 [complement(101172..101198)], rps12 [complement(101766..101975)], rps12 [complement(73068..73181)], trnK [complement(1925..1959)], trnK [complement(4494..4530)], rps16 [complement(5110..5316)], rps16 [complement(6184..6222)], trnG [9659..9681], trnG [10437..10485], atpF [complement(12685..13095)], atpF [complement(13838..13984)], rpoC1 [complement(22058..23674)], rpoC1 [complement(24404..24856)], ycf3 [complement(45616..45768)], ycf3 [complement(46496..46723)], ycf3 [complement(47482..47607)], trnL [50803..50839], trnL [51342..51387], trnV [complement(54598..54634)], trnV [complement(55235..55273)], rps12 [complement(73068..73181)], rps12 [143930..144139], rps12 [144707..144733], clpP [complement(73350..73577)], clpP [complement(74197..74487)], clpP [complement(75354..75422)], petB [78228..78233], petB [79005..79646], petD [79839..79847], petD [80600..81073], rpl16 [complement(84405..84803)], rpl16 [complement(85804..85812)], rpl2 [complement(87514..87948)], rpl2 [complement(88613..89002)], ndhB [complement(98112..98867)], ndhB [complement(99549..100325)], trnI [105926..105962], trnI [106920..106954], trnA [107019..107056], trnA [107860..107894], ndhA [complement(123393..123932)], ndhA [complement(125000..125548)], trnA [complement(138011..138045)], trnA [complement(138849..138886)], trnI [complement(138951..138985)], trnI [complement(139943..139979)], ndhB [145580..146356], ndhB [147038..147793], rpl2 [156903..157292], rpl2 [157957..158391]	trnK [complement(1960..4493)], rps16 [complement(5317..6183)], trnG [9682..10436], atpF [complement(13096..13837)], rpoC1 [complement(23675..24403)], ycf3 [complement(45769..46495)], ycf3 [complement(46724..47481)], trnL [50840..51341], trnV [complement(54635..55234)], clpP [complement(73578..74196)], clpP [complement(74488..75353)], petB [78234..79004], petD [79848..80599], rpl16 [complement(84804..85803)], rpl2 [complement(87949..88612)], ndhB [complement(98868..99548)], trnI [105963..106919], trnA [107057..107859], ndhA [complement(123933..124999)], trnA [complement(138046..138848)], trnI [complement(138986..139942)], ndhB [146357..147037], rpl2 [157293..157956]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1444.	EUVE	75	trnH [complement(1..74)], trnH [complement(160109)], trnK [complement(1877..1911)], trnK [complement(4438..4474)], rps16 [complement(5058..5251)], rps16 [complement(6128..6167)], trnG [9688..9710], trnG [10453..10501], atpF [complement(12755..13179)], atpF [complement(13917..14061)], rpoC1 [complement(22217..23833)], rpoC1 [complement(24567..25019)], ycf3 [complement(46081..46233)], ycf3 [complement(46968..47197)], ycf3 [complement(47955..48078)], trnL [51394..51428], trnL [51911..51956], trnV [complement(55126..55160)], trnV [complement(55760..55798)], rps12 [74291..74404], rps12 [145626..145864], rps12 [146393..146429], rps12 [complement(103144..103374)], rps12 [complement(102571..102597)], clpP [complement(74571..74798)], clpP [complement(75420..75711)], clpP [complement(76586..76656)], petB [79470..79475], petB [80260..80901], petD [81094..81101], petD [81872..82346], rpl16 [complement(85852..86250)], rpl16 [complement(87251..87259)], rpl2 [complement(88930..89363)], rpl2 [complement(90028..90418)], ndhB [complement(99510..100265)], ndhB [complement(100948..101724)], trnI [107328..107364], trnI [108317..108351], trnA [108421..108458], trnA [109262..109296], ndhA [complement(125081..125620)], ndhA [complement(126679..127230)], trnA [complement(139704..139738)], trnA [complement(140542..140579)], trnI [complement(140650..140684)], trnI [complement(141637..141673)], ndhB [147276..148052], ndhB [148735..149490], rpl2 [158582..158972], rpl2 [159637..160070]	trnH [complement(75..160108)], trnK [complement(1912..4437)], rps16 [complement(5252..6127)], trnG [9711..10452], atpF [complement(13180..13916)], rpoC1 [complement(23834..24566)], ycf3 [complement(46234..46967)], ycf3 [complement(47198..47954)], trnL [51429..51910], trnV [complement(55161..55759)], clpP [complement(74799..75419)], clpP [complement(75712..76585)], petB [79476..80259], petD [81102..81871], rpl16 [complement(86251..87250)], rpl2 [complement(89364..90027)], ndhB [complement(100266..100947)], trnI [107365..108316], trnA [108459..109261], ndhA [complement(125621..126678)], trnA [complement(139739..140541)], trnI [complement(140685..141636)], ndhB [148053..148734], rpl2 [158973..159636]
1445.	EUYU	72	rps12 [complement(97923..97948)], rps12 [complement(98486..98717)], rps12 [complement(69398..69511)], trnK-UUU [complement(1700..1735)], trnK-UUU [complement(4283..4318)], rps16 [complement(5029..5228)], rps16 [complement(6114..6153)], trnT-CGU [8635..8668], trnT-CGU [9392..9434], atpF [complement(11556..11965)], atpF [complement(12699..12843)], rpoC1 [complement(20304..21914)], rpoC1 [complement(22698..23129)], ycf3 [complement(42516..42668)], ycf3 [complement(43459..43686)], ycf3 [complement(44396..44521)], trnL-UAA [46966..47000], trnL-UAA [47322..47371], trnV-UAC [complement(50921..50955)], trnV-UAC	trnK-UUU [complement(1736..4282)], rps16 [complement(5229..6113)], trnT-CGU [8669..9391], atpF [complement(11966..12698)], rpoC1 [complement(21915..22697)], ycf3 [complement(42669..43458)], ycf3 [complement(43687..44395)], trnL-UAA [47001..47321], trnV-UAC [complement(50956..51567)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51568..51606)], rps12 [139329..139560], rps12 [140098..140123], clpP [complement(69696..69921)], clpP [complement(70497..70790)], clpP [complement(71694..71764)], petB [74729..74734], petB [75529..76170], petD [76366..76373], petD [77089..77563], rpl16 [complement(81074..81472)], rpl16 [complement(82569..82577)], rpl2 [complement(84271..84704)], rpl2 [complement(85387..85777)], ndhB [complement(94871..95632)], ndhB [complement(96312..97088)], trnE-UUC [102408..102439], trnE-UUC [103249..103288], trnA-UGC [103353..103389], trnA-UGC [104190..104225], ndhA [complement(119599..120128)], ndhA [complement(121210..121762)], trnA-UGC [complement(133821..133856)], trnA-UGC [complement(134657..134693)], trnE-UUC [complement(134758..134797)], trnE-UUC [complement(135607..135638)], ndhB [140958..141732], ndhB [142412..143175], rpl2 [152269..152659], rpl2 [153342..153775]	[complement(69922..70496)], clpP [complement(70791..71693)], petB [74735..75528], petD [76374..77088], rpl16 [complement(81473..82568)], rpl2 [complement(84705..85386)], ndhB [complement(95633..96311)], trnE-UUC [102440..103248], trnA-UGC [103390..104189], ndhA [complement(120129..121209)], trnA-UGC [complement(133857..134656)], trnE-UUC [complement(134798..135606)], ndhB [141733..142411], rpl2 [152660..153341]
1446.	EUZO	63	rps12 [complement(95804..95829)], rps12 [complement(96377..96608)], rps12 [complement(66608..66721)], trnK-UUU [complement(1410..1438)], trnK-UUU [complement(4017..4053)], rps16 [complement(4639..4829)], rps16 [complement(5702..5741)], trnG-GCC [8520..8542], trnG-GCC [9245..9291], atpF [complement(11251..11661)], atpF [complement(12604..12747)], rpoC1 [complement(19858..21468)], rpoC1 [complement(22232..22663)], ycf3 [complement(42031..42183)], ycf3 [complement(42941..43168)], ycf3 [complement(43883..44008)], trnL-UAA [46500..46534], trnL-UAA [47397..47446], trnV-UAC [complement(49293..49337)], trnV-UAC [complement(49911..49949)], rps12 [130160..130392], rps12 [130940..130964], clpP [complement(66855..67106)], clpP [complement(67775..68062)], clpP [complement(68988..69056)], petB [72436..72441], petB [73175..73822], petD [74008..74015], petD [74836..75319], rpl16 [complement(78835..79236)], rpl16 [complement(80332..80340)], rpl2 [complement(82266..82697)], rpl2 [complement(83359..83745)], trnI-GAU [100170..100211], trnI-GAU [101115..101149], trnA-UGC [101214..101251], trnA-UGC [102045..102079], trnA-UGC [complement(124688..124722)], trnA-UGC	trnK-UUU [complement(1439..4016)], rps16 [complement(4830..5701)], trnG-GCC [8543..9244], atpF [complement(11662..12603)], rpoC1 [complement(21469..22231)], ycf3 [complement(42184..42940)], ycf3 [complement(43169..43882)], trnL-UAA [46535..47396], trnV-UAC [complement(49338..49910)], clpP [complement(67107..67774)], clpP [complement(68063..68987)], petB [72442..73174], petD [74016..74835], rpl16 [complement(79237..80331)], rpl2 [complement(82698..83358)], trnI-GAU [100212..101114], trnA-UGC [101252..102044], trnA-UGC [complement(124723..125515)], trnI-GAU [complement(125653..126555)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(125516..125553)], trnI-GAU [complement(125618..125652)], trnI-GAU [complement(126556..126597)], rpl2 [143023..143409], rpl2 [144071..144502]	[143410..144070]
1447.	EXBA	56	rps12 [complement(103291..103316)], rps12 [complement(103853..104084)], rps12 [complement(74133..74246)], trnK-UUU [complement(1882..1916)], trnK-UUU [complement(4478..4514)], trnG-GCC [8402..8424], trnG-GCC [9137..9182], atpF [complement(11910..12320)], atpF [complement(13111..13254)], rpoC1 [complement(21466..23076)], rpoC1 [complement(23858..24289)], ycf3 [complement(45377..45529)], ycf3 [complement(46237..46464)], ycf3 [complement(47197..47322)], trnL-UAA [49622..49658], trnL-UAA [50236..50284], trnV-UAC [complement(54413..54449)], trnV-UAC [complement(55057..55095)], rps12 [complement(74133..74246)], rps12 [147460..147691], rps12 [148228..148253], clpP [complement(74410..74635)], clpP [complement(75257..75549)], clpP [complement(76413..76481)], petB [79473..79478], petB [80312..80953], petD [81148..81155], petD [81944..82418], rpl16 [complement(86178..86576)], rpl16 [complement(87657..87665)], rpl2 [complement(89538..89972)], rpl2 [complement(90648..91037)], ndhB [complement(100231..100986)], ndhB [complement(101675..102451)], trnI-GAU [108083..108124], trnI-GAU [109072..109106], trnA-UGC [109171..109208], trnA-UGC [110017..110051], ndhA [complement(126506..127045)], ndhA [complement(128226..128795)], trnA-UGC [complement(141495..141529)], trnA-UGC [complement(142338..142375)], trnI-GAU [complement(142440..142474)], trnI-GAU [complement(143422..143463)], ndhB [149093..149869], ndhB [150558..151313], rpl2 [160507..160896], rpl2 [161572..162006]	trnG-GCC [8425..9136], trnL-UAA [49659..50235], trnV-UAC [complement(54450..55056)], clpP [complement(74636..75256)], clpP [complement(75550..76412)], trnI-GAU [108125..109071], trnI-GAU [complement(142475..143421)], rpl2 [160897..161571]
1448.	EXNO	28	rps12 [complement(97416..97658)], rps12 [complement(69165..69278)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4141..4177)], ycf3 [complement(43168..43397)], rps12 [137774..138016]	trnK-UUU [complement(1602..4140)], rps16 [complement(5193..6091)], rpoC1 [16309..17057], atpF [26789..27501], trnG-UCC [complement(29993..30720)], ycf3 [complement(42429..43167)], ycf3 [complement(43398..44087)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[47081..47518], trnV-UAC [complement(51052..51624)], clpP [complement(69713..70330)], clpP [complement(70622..71432)], petB [74506..75242], petD [76081..76822], rpl2 [complement(84282..84952)], ndhB [complement(94596..95269)], trnI-GAU [101622..102396], trnA-UGC [102534..103353], ndhA [115659..116724], trnA-UGC [complement(132079..132898)], trnI-GAU [complement(133036..133810)], ndhB [140163..140836], rpl2 [150481..151151]
1449.	FAAB	3	rps12 [complement(92038..92073)], rps12 [complement(92612..92842)], rps12 [complement(69950..70063)]	-
1450.	FAAL	26	rps12 [complement(77177..77290)], trnK-UUU [complement(1807..1841)], trnK-UUU [complement(4394..4430)], trnG-UCC [10406..10428], trnG-UCC [11152..11199], trnL-UAA [52707..52741], trnL-UAA [53279..53328], trnV-UAC [complement(57493..57529)], trnV-UAC [complement(58150..58188)], rps12 [161886..161911], trnI-GAU [109533..109569], trnI-GAU [110523..110557], trnA-UGC [110622..110659], trnA-UGC [111462..111496], trnA-UGC [complement(155190..155224)], trnA-UGC [complement(156027..156064)], trnI-GAU [complement(156129..156163)], trnI-GAU [complement(157117..157153)]	trnK-UUU [complement(1842..4393)], trnG-UCC [10429..11151], trnL-UAA [52742..53278], trnV-UAC [complement(57530..58149)], trnI-GAU [109570..110522], trnA-UGC [110660..111461], trnA-UGC [complement(155225..156026)], trnI-GAU [complement(156164..157116)]
1451.	FACA	4	rps12 [complement(92010..92045)], rps12 [complement(92584..92814)], rps12 [complement(69939..70052)], trnK-UUU [complement(3920..3960)]	-
1452.	FACO	3	rps12 [complement(92022..92057)], rps12 [complement(92596..92826)], rps12 [complement(69946..70059)]	-
1453.	FACR	67	rps12 [complement(101670..101912)], rps12 [complement(72958..73071)], trnK-UUU [complement(1834..1868)], trnK-UUU [complement(4390..4426)], trnG-GCC [8935..8957], trnG-GCC [9692..9728], atpF [complement(11918..12328)], atpF [complement(13090..13233)], rpoC1	trnK-UUU [complement(1869..4389)], trnG-GCC [8958..9691], atpF [complement(12329..13089)], rpoC1 [complement(22973..23757)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21347..22972)], rpoC1 [complement(23758..24189)], ycf3 [complement(45453..45605)], ycf3 [complement(46379..46606)], ycf3 [complement(47319..47444)], trnL-UAA [50397..50431], trnL-UAA [50966..51015], trnV-UAC [complement(54265..54299)], trnV-UAC [complement(54921..54958)], rps12 [144151..144393], clpP [complement(73229..73456)], clpP [complement(74088..74381)], clpP [complement(75260..75328)], petB [78249..78254], petB [79073..79714], petD [79921..79929], petD [80552..81025], rpl16 [complement(84549..84947)], rpl16 [complement(86039..86047)], rpl2 [complement(87756..88226)], rpl2 [complement(88875..89264)], ndhB [complement(98059..98814)], ndhB [complement(99496..100272)], trnI-GAU [105702..105738], trnI-GAU [106694..106728], trnA-UGC [106793..106830], trnA-UGC [107635..107669], ndhA [complement(123706..124251)], ndhA [complement(125335..125886)], trnA-UGC [complement(138394..138428)], trnA-UGC [complement(139233..139270)], trnI-GAU [complement(139335..139369)], trnI-GAU [complement(140320..140361)], ndhB [145791..146567], ndhB [147249..148004], rpl2 [156799..157191], rpl2 [157837..158307]	[complement(45606..46378)], ycf3 [complement(46607..47318)], trnL-UAA [50432..50965], trnV-UAC [complement(54300..54920)], clpP [complement(73457..74087)], clpP [complement(74382..75259)], petB [78255..79072], petD [79930..80551], rpl16 [complement(84948..86038)], rpl2 [complement(88227..88874)], ndhB [complement(98815..99495)], trnI-GAU [105739..106693], trnA-UGC [106831..107634], ndhA [complement(124252..125334)], trnA-UGC [complement(138429..139232)], trnI-GAU [complement(139370..140319)], ndhB [146568..147248], rpl2 [157192..157836]
1454.	FADA	3	rps12 [complement(92001..92036)], rps12 [complement(92575..92805)], rps12 [complement(69934..70047)]	-
1455.	FADC	3	rps12 [complement(92049..92084)], rps12 [complement(92623..92853)], rps12 [complement(69972..70085)]	-
1456.	FADE	61	rps12 [complement(87176..87208)], rps12 [complement(87749..87979)], rps12 [complement(66079..66192)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3844..3881)], rps16 [complement(4604..4638)], rps16 [complement(5458..5497)], trnG-UCC [complement(12649..12700)], trnG-UCC [complement(13366..13388)], atpF [33017..33161], atpF [33901..34307], ycf3 [complement(41949..42107)], ycf3 [complement(42827..43057)], trnL-UAA [46213..46247], trnL-UAA [46761..46810], trnV-UAC [complement(49992..50030)], trnV-UAC [complement(50627..50665)], rps12 [123863..124105], petB [69789..69795], petB [70340..71037], petD [71226..71233], petD [71988..72462], rpl16 [complement(75987..76391)], rpl16 [complement(77234..77242)], rpl2 [complement(79028..79459)], rpl2	trnK-UUU [complement(1415..3843)], rps16 [complement(4639..5457)], trnG-UCC [complement(12701..13365)], atpF [33162..33900], ycf3 [complement(42108..42826)], trnL-UAA [46248..46760], trnV-UAC [complement(50031..50626)], petB [69796..70339], petD [71234..71987], rpl16 [complement(76392..77233)], rpl2 [complement(79460..80119)], ndhB [complement(84893..86024)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(80120..80515)], ndhB [complement(84137..84892)], ndhB [complement(86025..86351)], trnI-GAU [91764..91805], trnI-GAU [92760..92786], trnA-UGC [92852..92889], trnA-UGC [93710..93735], ndhA [complement(109149..109475)], ndhA [complement(110240..110788)], trnA-UGC [complement(118067..118101)], trnA-UGC [complement(118913..118950)], trnI-GAU [complement(119010..119050)], trnI-GAU [complement(119997..120038)], ndhB [125492..126265], ndhB [126978..127733], rpl2 [131410..131803], rpl2 [132463..132890]	[91806..92759], trnA-UGC [92890..93709], ndhA [complement(109476..110239)], trnA-UGC [complement(118102..118912)], trnI-GAU [complement(119051..119996)], ndhB [126266..126977], rpl2 [131804..132462]
1457.	FADI	45	rps12 [complement(97706..97732)], rps12 [complement(98266..98496)], rps12 [complement(70005..70118)], trnK-UUU [complement(1746..1780)], trnK-UUU [complement(4241..4277)], rps16 [complement(5028..5253)], trnG-GCC [complement(8425..8458)], trnG-GCC [complement(9162..9210)], trnL-UAA [47886..47922], trnL-UAA [48424..48473], trnV-UAC [complement(52240..52276)], trnV-UAC [complement(52852..52889)], rps12 [145247..145477], rps12 [146011..146037], trnI-GAU [102332..102373], trnI-GAU [103315..103349], trnA-UGC [103414..103451], trnA-UGC [104261..104295], trnA-UGC [complement(139448..139482)], trnA-UGC [complement(140292..140329)], trnI-GAU [complement(140394..140428)], trnI-GAU [complement(141370..141411)]	trnK-UUU [complement(1781..4240)], rps16 [complement(5254..6100)], trnG-GCC [complement(8459..9161)], atpF [complement(11562..12314)], rpoC1 [complement(21595..22363)], ycf3 [complement(42566..43319)], ycf3 [complement(43548..44295)], trnL-UAA [47923..48423], trnV-UAC [complement(52277..52851)], clpP [complement(70513..71123)], clpP [complement(71415..72423)], petB [75409..76169], petD [77031..77751], rpl16 [complement(82039..82990)], rpl2 [complement(85023..85684)], ndhB [complement(95392..96070)], trnI-GAU [102374..103314], trnA-UGC [103452..104260], ndhA [complement(125377..126407)], trnA-UGC [complement(139483..140291)], trnI-GAU [complement(140429..141369)], ndhB [147673..148351], rpl2 [158059..158720]
1458.	FAED	3	rps12 [complement(91994..92029)], rps12 [complement(92568..92798)], rps12 [complement(69924..70037)]	-
1459.	FAEN	67	rps12 [complement(101662..101904)], rps12 [complement(72943..73056)],	trnK-UUU [complement(1868..4391)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(1833..1867)], trnK-UUU [complement(4392..4428)], trnG-GCC [8939..8961], trnG-GCC [9697..9733], atpF [complement(11922..12332)], atpF [complement(13096..13239)], rpoC1 [complement(21356..22981)], rpoC1 [complement(23768..24199)], ycf3 [complement(45374..45526)], ycf3 [complement(46300..46527)], ycf3 [complement(47243..47368)], trnL-UAA [50369..50403], trnL-UAA [50942..50991], trnV-UAC [complement(54242..54276)], trnV-UAC [complement(54899..54936)], rps12 [144110..144352], clpP [complement(73214..73441)], clpP [complement(74078..74371)], clpP [complement(75253..75321)], petB [78239..78244], petB [79058..79699], petD [79906..79914], petD [80535..81008], rpl16 [complement(84533..84931)], rpl16 [complement(86017..86025)], rpl2 [complement(87733..88203)], rpl2 [complement(88852..89241)], ndhB [complement(98051..98806)], ndhB [complement(99488..100264)], trnI-GAU [105694..105730], trnI-GAU [106686..106720], trnA-UGC [106785..106822], trnA-UGC [107627..107661], ndhA [complement(123676..124221)], ndhA [complement(125294..125845)], trnA-UGC [complement(138353..138387)], trnA-UGC [complement(139192..139229)], trnI-GAU [complement(139294..139328)], trnI-GAU [complement(140279..140320)], ndhB [145750..146526], ndhB [147208..147963], rpl2 [156773..157165], rpl2 [157811..158281]	GCC [8962..9696], atpF [complement(12333..13095)], rpoC1 [complement(22982..23767)], ycf3 [complement(45527..46299)], ycf3 [complement(46528..47242)], trnL-UAA [50404..50941], trnV-UAC [complement(54277..54898)], clpP [complement(73442..74077)], clpP [complement(74372..75252)], petB [78245..79057], petD [79915..80534], rpl16 [complement(84932..86016)], rpl2 [complement(88204..88851)], ndhB [complement(98807..99487)], trnI-GAU [105731..106685], trnA-UGC [106823..107626], ndhA [complement(124222..125293)], trnA-UGC [complement(138388..139191)], trnI-GAU [complement(139329..140278)], ndhB [146527..147207], rpl2 [157166..157810]
1460.	FAES	4	ycf3 [complement(43530..43759)], rps12 [146290..146315]	ycf3 [complement(43760..44510)], rpl16 [complement(82479..83456)]
1461.	FAFN	3	rps12 [complement(92004..92039)], rps12 [complement(92578..92808)], rps12 [complement(69931..70044)]	-
1462.	FAFU	3	rps12 [complement(92029..92064)], rps12 [complement(92603..92833)], rps12 [complement(69957..70070)]	-
1463.	FAGR	3	rps12 [complement(92036..92071)], rps12 [complement(92610..92840)], rps12 [complement(69952..70065)]	-
1464.	FAHY	3	rps12 [complement(92019..92054)], rps12 [complement(92593..92823)], rps12 [complement(69948..70061)]	-
1465.	FAJA	72	rps12 [complement(99458..99483)], rps12 [complement(100020..100251)], rps12 [complement(71978..72091)], trnK-UUU [complement(1778..1812)],	trnK-UUU [complement(1813..4327)], rps16 [complement(5477..6360)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4328..4364)], rps16 [complement(5280..5476)], rps16 [complement(6361..6400)], trnG-UCC [10249..10271], trnG-UCC [10971..11018], atpF [complement(12940..13410)], atpF [complement(14071..14229)], rpoC1 [complement(22218..23834)], rpoC1 [complement(24595..25047)], ycf3 [complement(44869..45021)], ycf3 [complement(45770..45997)], ycf3 [complement(46714..46839)], trnL-UAA [49903..49939], trnL-UAA [50445..50493], trnV-UAC [complement(53848..53884)], trnV-UAC [complement(54472..54510)], rps12 [141851..142082], rps12 [142619..142644], clpP [complement(72259..72486)], clpP [complement(73132..73422)], clpP [complement(74206..74274)], petB [77224..77229], petB [78014..78655], petD [78835..78842], petD [79596..80070], rpl16 [complement(83544..83942)], rpl16 [complement(84891..84899)], rpl2 [complement(86606..87040)], rpl2 [complement(87698..88090)], ndhB [complement(96428..97183)], ndhB [complement(97863..98639)], trnI-GAU [104165..104206], trnI-GAU [105147..105181], trnA-UGC [105246..105283], trnA-UGC [106091..106125], ndhA [complement(121699..122238)], ndhA [complement(123304..123855)], trnA-UGC [complement(135977..136011)], trnA-UGC [complement(136819..136856)], trnI-GAU [complement(136921..136955)], trnI-GAU [complement(137896..137937)], ndhB [143463..144239], ndhB [144919..145674], rpl2 [154012..154404], rpl2 [155062..155496]	[10272..10970], atpF [complement(13411..14070)], rpoC1 [complement(23835..24594)], ycf3 [complement(45022..45769)], ycf3 [complement(45998..46713)], trnL-UAA [49940..50444], trnV-UAC [complement(53885..54471)], clpP [complement(72487..73131)], clpP [complement(73423..74205)], petB [77230..78013], petD [78843..79595], rpl16 [complement(83943..84890)], rpl2 [complement(87041..87697)], ndhB [complement(97184..97862)], trnI-GAU [104207..105146], trnA-UGC [105284..106090], ndhA [complement(122239..123303)], trnA-UGC [complement(136012..136818)], trnI-GAU [complement(136956..137895)], ndhB [144240..144918], rpl2 [154405..155061]
1466.	FALU	44	rps12 [complement(97805..97831)], rps12 [complement(98364..98594)], rps12 [complement(70185..70298)], trnK-UUU [complement(1770..1804)], trnK-UUU [complement(4322..4358)], trnG-GCC [complement(8887..8910)], trnG-GCC [complement(9614..9661)], trnL-UAA [47847..47883], trnL-UAA [48366..48415], trnV-UAC [complement(52123..52159)], trnV-UAC [complement(52744..52781)], rps12 [145103..145333], rps12 [145866..145892], trnI-GAU [102488..102529], trnI-GAU [103471..103505], trnA-UGC [103562..103599], trnA-UGC [104403..104437], trnA-UGC [complement(139260..139294)], trnA-UGC [complement(140098..140135)], trnI-GAU [complement(140192..140226)], trnI-GAU [complement(141168..141209)]	trnK-UUU [complement(1805..4321)], rps16 [complement(5341..6177)], trnG-GCC [complement(8911..9613)], atpF [complement(12002..12759)], rpoC1 [complement(22025..22785)], ycf3 [complement(43181..43918)], ycf3 [complement(44147..44876)], trnL-UAA [47884..48365], trnV-UAC [complement(52160..52743)], clpP [complement(70754..71318)], clpP [complement(71610..72521)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[75508..76266], petD [77121..77825], rpl16 [complement(82123..82995)], rpl2 [complement(85030..85691)], ndhB [complement(95504..96182)], trnI-GAU [102530..103470], trnA-UGC [103600..104402], ndhA [complement(125273..126319)], trnA-UGC [complement(139295..140097)], trnI-GAU [complement(140227..141167)], ndhB [147515..148193], rpl2 [158006..158667]
1467.	FAM U	67	rps12 [complement(101780..101805)], rps12 [complement(102333..102564)], rps12 [complement(73752..73865)], trnK-UUU [complement(1729..1763)], trnK-UUU [complement(4269..4305)], rps16 [complement(5267..5492)], rps16 [complement(6358..6398)], trnG-UCC [10341..10363], trnG-UCC [11091..11138], atpF [complement(13103..13512)], atpF [complement(14269..14413)], rpoC1 [complement(21920..23530)], rpoC1 [complement(24312..24743)], ycf3 [complement(45395..45547)], ycf3 [complement(46296..46523)], ycf3 [complement(47261..47386)], trnL-UAA [50457..50493], trnL-UAA [51043..51092], trnV-UAC [complement(54523..54557)], trnV-UAC [complement(55143..55180)], rps12 [complement(73752..73865)], rps12 [149550..149781], rps12 [150309..150334], clpP [complement(73990..74259)], clpP [complement(74888..75179)], clpP [complement(76251..76321)], petB [79259..79264], petB [79992..80633], petD [80868..80875], petD [81630..82104], rpl16 [complement(85550..85948)], rpl16 [complement(86889..86897)], ndhB [complement(98715..99470)], ndhB [complement(100146..100922)], trnI-GAU [106304..106340], trnI-GAU [107290..107324], trnA-UGC [107391..107428], trnA-UGC [108230..108264], ndhA [complement(128980..129518)], ndhA [complement(130654..131206)], trnA-UGC [complement(143850..143884)], trnA-UGC [complement(144686..144723)], trnI-GAU [complement(144790..144824)], trnI-GAU [complement(145774..145810)], ndhB [151192..151968], ndhB	trnK-UUU [complement(1764..4268)], rps16 [complement(5493..6357)], trnG-UCC [10364..11090], atpF [complement(13513..14268)], rpoC1 [complement(23531..24311)], ycf3 [complement(45548..46295)], ycf3 [complement(46524..47260)], trnL-UAA [50494..51042], trnV-UAC [complement(54558..55142)], clpP [complement(74260..74887)], clpP [complement(75180..76250)], petB [79265..79991], petD [80876..81629], rpl16 [complement(85949..86888)], ndhB [complement(99471..100145)], trnI-GAU [106341..107289], trnA-UGC [107429..108229], ndhA [complement(129519..130653)], trnA-UGC [complement(143885..144685)], trnI-GAU [complement(144825..145773)], ndhB [151969..152643]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[152644..153399]	
1468.	FANI	62	rps12 [complement(91975..92010)], rps12 [complement(92549..92779)], rps12 [complement(69904..70017)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3926..3963)], rps16 [complement(4520..4735)], rps16 [complement(5565..5606)], trnG-UCC [complement(13541..13592)], trnG-UCC [complement(14258..14280)], atpF [35183..35341], atpF [36168..36575], ycf3 [complement(44340..44498)], ycf3 [complement(45231..45458)], ycf3 [complement(46205..46336)], trnL-UAA [49103..49137], trnL-UAA [49678..49727], trnV-UAC [complement(53159..53195)], trnV-UAC [complement(53792..53830)], petB [73745..73750], petB [74569..75210], petD [75399..75407], petD [76162..76635], rpl16 [complement(80233..80634)], rpl16 [complement(81732..81740)], rpl2 [complement(83734..84165)], rpl2 [complement(84826..85218)], ndhB [complement(88906..89661)], ndhB [complement(90374..91150)], trnI-GAU [96584..96626], trnI-GAU [97573..97607], trnA-UGC [97673..97710], trnA-UGC [98522..98556], ndhA [complement(114652..115191)], ndhA [complement(116213..116761)], trnA-UGC [complement(124128..124162)], trnA-UGC [complement(124974..125011)], trnI-GAU [complement(125077..125111)], trnI-GAU [complement(126058..126099)], ndhB [131534..132310], ndhB [133023..133778], rpl2 [137466..137858], rpl2 [138519..138950]	trnK-UUU [complement(1410..3925)], rps16 [complement(4736..5564)], trnG-UCC [complement(13593..14257)], atpF [35342..36167], ycf3 [complement(44499..45230)], ycf3 [complement(45459..46204)], trnL-UAA [49138..49677], trnV-UAC [complement(53196..53791)], petB [73751..74568], petD [75408..76161], rpl16 [complement(80635..81731)], rpl2 [complement(84166..84825)], ndhB [complement(89662..90373)], trnI-GAU [96627..97572], trnA-UGC [97711..98521], ndhA [complement(115192..116212)], trnA-UGC [complement(124163..124973)], trnI-GAU [complement(125112..126057)], ndhB [132311..133022], rpl2 [137859..138518]
1469.	FAQI	62	rps12 [complement(92047..92082)], rps12 [complement(92621..92851)], rps12 [complement(69976..70089)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3936..3973)], rps16 [complement(4530..4745)], rps16 [complement(5575..5616)], trnG-UCC [complement(13611..13662)], trnG-UCC [complement(14328..14350)], atpF [35257..35415], atpF [36242..36649], ycf3 [complement(44415..44573)], ycf3 [complement(45305..45532)], ycf3 [complement(46281..46412)], trnL-UAA [49179..49213], trnL-UAA [49754..49803], trnV-UAC [complement(53235..53271)], trnV-UAC [complement(53868..53906)], petB [73818..73823], petB [74642..75283], petD [75472..75480], petD [76235..76708], rpl16 [complement(80305..80706)], rpl16 [complement(81804..81812)], rpl2 [complement(83806..84237)], rpl2 [complement(84898..85290)], ndhB [complement(88978..89733)], ndhB	trnK-UUU [complement(1421..3935)], rps16 [complement(4746..5574)], trnG-UCC [complement(13663..14327)], atpF [35416..36241], ycf3 [complement(44574..45304)], ycf3 [complement(45533..46280)], trnL-UAA [49214..49753], trnV-UAC [complement(53272..53867)], petB [73824..74641], petD [75481..76234], rpl16 [complement(80707..81803)], rpl2 [complement(84238..84897)], ndhB [complement(89734..90445)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90446..91222)], trnI-GAU [96676..96717], trnI-GAU [97664..97698], trnA-UGU [97764..97801], trnA-UGU [98613..98647], ndhA [complement(114738..115277)], ndhA [complement(116299..116847)], trnA-UGC [complement(124214..124248)], trnA-UGC [complement(125060..125097)], trnI-GAU [complement(125163..125197)], trnI-GAU [complement(126144..126185)], ndhB [131639..132415], ndhB [133128..133883], rpl2 [137571..137963], rpl2 [138624..139055]	[96718..97663], trnA-UGU [97802..98612], ndhA [complement(115278..116298)], trnA-UGC [complement(124249..125059)], trnI-GAU [complement(125198..126143)], ndhB [132416..133127], rpl2 [137964..138623]
1470.	FASE	4	rps12 [complement(92075..92110)], rps12 [complement(92649..92879)], rps12 [complement(70005..70118)]	trnA-UGC [complement(124262..125072)]
1471.	FASP	62	rps12 [complement(92166..92201)], rps12 [complement(92740..92970)], rps12 [complement(70093..70206)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3925..3962)], rps16 [complement(4519..4734)], rps16 [complement(5564..5605)], trnG-UCC [complement(13600..13651)], trnG-UCC [complement(14317..14339)], atpF [35341..35499], atpF [36326..36733], ycf3 [complement(44498..44656)], ycf3 [complement(45388..45615)], ycf3 [complement(46365..46496)], trnL-UAA [49262..49296], trnL-UAA [49837..49886], trnV-UAC [complement(53313..53349)], trnV-UAC [complement(53946..53984)], petB [73934..73939], petB [74759..75400], petD [75589..75597], petD [76352..76825], rpl16 [complement(80424..80825)], rpl16 [complement(81923..81931)], rpl2 [complement(83925..84356)], rpl2 [complement(85017..85409)], ndhB [complement(89097..89852)], ndhB [complement(90565..91341)], trnI-GAU [96795..96836], trnI-GAU [97783..97817], trnA-UGC [97883..97920], trnA-UGC [98732..98766], ndhA [complement(114865..115404)], ndhA [complement(116426..116974)], trnA-UGC [complement(124341..124375)], trnA-UGC [complement(125187..125224)], trnI-GAU [complement(125290..125324)], trnI-GAU [complement(126271..126312)], ndhB [131766..132542], ndhB [133255..134010], rpl2 [137698..138090], rpl2 [138751..139182]	trnK-UUU [complement(1410..3924)], rps16 [complement(4735..5563)], trnG-UCC [complement(13652..14316)], atpF [35500..36325], ycf3 [complement(44657..45387)], ycf3 [complement(45616..46364)], trnL-UAA [49297..49836], trnV-UAC [complement(53350..53945)], petB [73940..74758], petD [75598..76351], rpl16 [complement(80826..81922)], rpl2 [complement(84357..85016)], ndhB [complement(89853..90564)], trnI-GAU [96837..97782], trnA-UGC [97921..98731], ndhA [complement(115405..116425)], trnA-UGC [complement(124376..125186)], trnI-GAU [complement(125325..126270)], ndhB [132543..133254], rpl2 [138091..138750]
1472.	FAST	3	rps12 [complement(92063..92098)], rps12 [complement(92637..92867)], rps12 [complement(69991..70101)]	-
1473.	FASY	67	rps12 [complement(101687..101929)], rps12 [complement(72990..73103)], trnK-UUU [complement(1837..1871)], trnK-UUU [complement(4393..4429)],	trnK-UUU [complement(1872..4392)], trnG-GCC [8960..9693], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-GCC [8937..8959], trnG-GCC [9694..9730], atpF [complement(11921..12331)], atpF [complement(13090..13233)], rpoC1 [complement(21342..22967)], rpoC1 [complement(23757..24188)], ycf3 [complement(45420..45572)], ycf3 [complement(46346..46573)], ycf3 [complement(47284..47409)], trnL-UAA [50409..50443], trnL-UAA [50982..51031], trnV-UAC [complement(54281..54315)], trnV-UAC [complement(54938..54975)], rps12 [144239..144481], clpP [complement(73261..73488)], clpP [complement(74120..74413)], clpP [complement(75292..75360)], petB [78280..78285], petB [79099..79740], petD [79947..79955], petD [80578..81051], rpl16 [complement(84576..84974)], rpl16 [complement(86058..86066)], rpl2 [complement(87773..88243)], rpl2 [complement(88892..89281)], ndhB [complement(98076..98831)], ndhB [complement(99513..100289)], trnI-GAU [105719..105755], trnI-GAU [106711..106745], trnA-UGC [106810..106847], trnA-UGC [107652..107686], ndhA [complement(123707..124252)], ndhA [complement(125436..125987)], trnA-UGC [complement(138482..138516)], trnA-UGC [complement(139321..139358)], trnI-GAU [complement(139423..139457)], trnI-GAU [complement(140408..140449)], ndhB [145879..146655], ndhB [147337..148092], rpl2 [156887..157279], rpl2 [157925..158395]	[complement(12332..13089)], rpoC1 [complement(22968..23756)], ycf3 [complement(45573..46345)], ycf3 [complement(46574..47283)], trnL-UAA [50444..50981], trnV-UAC [complement(54316..54937)], clpP [complement(73489..74119)], clpP [complement(74414..75291)], petB [78286..79098], petD [79956..80577], rpl16 [complement(84975..86057)], rpl2 [complement(88244..88891)], ndhB [complement(98832..99512)], trnI-GAU [105756..106710], trnA-UGC [106848..107651], ndhA [complement(124253..125435)], trnA-UGC [complement(138517..139320)], trnI-GAU [complement(139458..140407)], ndhB [146656..147336], rpl2 [157280..157924]
1474.	FATA	70	rps12 [complement(97682..97708)], rps12 [complement(98233..98472)], rps12 [complement(69945..70058)], trnK-UUU [complement(1737..1771)], trnK-UUU [complement(4232..4268)], rps16 [complement(5019..5245)], rps16 [complement(6093..6132)], trnG-UCC [8428..8450], trnG-UCC [9155..9203], atpF [complement(11149..11559)], atpF [complement(12312..12455)], rpoC1 [complement(19966..21576)], rpoC1 [complement(22346..22777)], ycf3 [complement(42368..42520)], ycf3 [complement(43270..43497)], ycf3 [complement(44242..44370)], trnL-UAA [47820..47856], trnL-UAA [48358..48407], trnV-UAC [complement(52177..52213)], trnV-UAC [complement(52789..52826)], clpP [complement(70183..70452)], clpP [complement(71062..71352)], clpP [complement(72357..72425)], petB [75336..75341], petB [76104..76745], petD [76964..76971], petD [77709..78183], rpl16 [complement(81607..82005)], rpl16	trnK-UUU [complement(1772..4231)], rps16 [complement(5246..6092)], trnG-UCC [8451..9154], atpF [complement(11560..12311)], rpoC1 [complement(21577..22345)], ycf3 [complement(42521..43269)], ycf3 [complement(43498..44241)], trnL-UAA [47857..48357], trnV-UAC [complement(52214..52788)], clpP [complement(70453..71061)], clpP [complement(71353..72356)], petB [75342..76103], petD [76972..77708], rpl16 [complement(82006..82965)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82966..82974)], rpl2 [complement(84563..84997)], rpl2 [complement(85657..86052)], ndhB [complement(94612..95367)], ndhB [complement(96047..96823)], trnI-GAU [102308..102349], trnI-GAU [103291..103325], trnA-UGC [103390..103427], trnA-UGC [104237..104271], ndhA [complement(124796..125334)], ndhA [complement(126360..126918)], trnA-UGC [complement(139399..139433)], trnA-UGC [complement(140243..140280)], trnI-GAU [complement(140345..140379)], trnI-GAU [complement(141321..141362)], ndhB [146847..147623], ndhB [148303..149058], rpl2 [157618..158013], rpl2 [158673..159107]	[complement(84998..85656)], ndhB [complement(95368..96046)], trnI-GAU [102350..103290], trnA-UGC [103428..104236], ndhA [complement(125335..126359)], trnA-UGC [complement(139434..140242)], trnI-GAU [complement(140380..141320)], ndhB [147624..148302], rpl2 [158014..158672]
1475.	FAYU	62	rps12 [complement(92025..92060)], rps12 [complement(92599..92829)], rps12 [complement(69954..70067)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], rps16 [complement(4521..4736)], rps16 [complement(5566..5607)], trnG-UCC [complement(13601..13652)], trnG-UCC [complement(14318..14340)], atpF [35250..35408], atpF [36234..36641], ycf3 [complement(44406..44564)], ycf3 [complement(45297..45524)], ycf3 [complement(46270..46401)], trnL-UAA [49169..49203], trnL-UAA [49744..49793], trnV-UAC [complement(53226..53262)], trnV-UAC [complement(53859..53897)], petB [73795..73800], petB [74618..75259], petD [75448..75456], petD [76211..76684], rpl16 [complement(80282..80683)], rpl16 [complement(81781..81789)], rpl2 [complement(83784..84215)], rpl2 [complement(84876..85268)], ndhB [complement(88956..89711)], ndhB [complement(90424..91200)], trnI-GAU [96654..96695], trnI-GAU [97642..97676], trnA-UGU [97742..97779], trnA-UGU [98591..98625], ndhA [complement(114707..115246)], ndhA [complement(116268..116816)], trnA-UGC [complement(124183..124217)], trnA-UGC [complement(125029..125066)], trnI-GAU [complement(125132..125166)], trnI-GAU [complement(126113..126154)], ndhB [131608..132384], ndhB [133097..133852], rpl2 [137540..137932], rpl2 [138593..139024]	trnK-UUU [complement(1410..3926)], rps16 [complement(4737..5565)], trnG-UCC [complement(13653..14317)], atpF [35409..36233], ycf3 [complement(44565..45296)], ycf3 [complement(45525..46269)], trnL-UAA [49204..49743], trnV-UAC [complement(53263..53858)], petB [73801..74617], petD [75457..76210], rpl16 [complement(80684..81780)], rpl2 [complement(84216..84875)], ndhB [complement(89712..90423)], trnI-GAU [96696..97641], trnA-UGU [97780..98590], ndhA [complement(115247..116267)], trnA-UGC [complement(124218..125028)], trnI-GAU [complement(125167..126112)], ndhB [132385..133096], rpl2 [137933..138592]
1476.	FEAL	19	-	trnK-UUU [complement(1409..3942)], rps16 [complement(4752..5578)], atpF [32640..33445], ycf3 [complement(41816..42537)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42766..43512)], trnL-UAA [46426..46968], trnV-UAC [complement(50558..51159)], petB [70762..71513], petD [72355..73030], rpl16 [complement(77528..78375)], rpl2 [complement(80839..81501)], ndhB [complement(86253..86964)], trnI-GAU [93145..93945], trnA-UGC [94084..94894], ndhA [complement(111260..112290)], trnA-UGC [complement(120207..121017)], trnI-GAU [complement(121156..121956)], ndhB [128137..128848], rpl2 [133600..134262]
1477.	FEAR	26	rps12 [complement(89984..90223)], rps12 [complement(67564..67677)], atpF [33755..34162], ycf3 [complement(42031..42189)], rps12 [126474..126713], rpl2 [complement(81237..81668)], ndhB [complement(86336..87091)], ndhA [complement(111345..111884)], ndhB [129606..130361], rpl2 [135029..135460]	trnK-UUU [complement(1412..3925)], rps16 [complement(4765..5609)], atpF [32939..33754], ycf3 [complement(42190..42911)], ycf3 [complement(43140..43888)], trnV-UAC [complement(51059..51661)], rpl16 [complement(78300..79189)], rpl2 [complement(81669..82328)], ndhB [complement(87092..87810)], trnI-GAU [94084..94885], trnA-UGC [95024..95851], ndhA [complement(111885..112915)], trnA-UGC [complement(120846..121673)], trnI-GAU [complement(121812..122613)], ndhB [128887..129605], rpl2 [134369..135028]
1478.	FEOV	19	-	trnK-UUU [complement(1408..3912)], rps16 [complement(4720..5547)], atpF [31550..32353], ycf3 [complement(40718..41432)], ycf3 [complement(41661..42407)], trnL-UAA [45321..45852], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(49429..50030)], petB [69146..69890], petD [70732..71468], rpl16 [complement(75986..76878)], rpl2 [complement(79342..80001)], ndhB [complement(84728..85439)], trnI-GAU [91459..92259], trnA-UGC [92398..93208], ndhA [complement(109383..110381)], trnA-UGC [complement(118287..119097)], trnI-GAU [complement(119236..120036)], ndhB [126056..126767], rpl2 [131491..132153]
1479.	FEPR	19	-	trnK-UUU [complement(1408..3936)], rps16 [complement(4775..5616)], atpF [32605..33421], ycf3 [complement(41761..42482)], ycf3 [complement(42711..43458)], trnL-UAA [46397..46946], trnV-UAC [complement(50560..51162)], petB [70883..71629], petD [72471..73147], rpl16 [complement(77618..78483)], rpl2 [complement(80950..81612)], ndhB [complement(86371..87085)], trnI-GAU [93260..94061], trnA-UGC [94200..95010], ndhA [complement(111289..112309)], trnA-UGC [complement(120216..121026)], trnI-GAU [complement(121165..121966)], ndhB [128141..128855], rpl2 [133614..134276]
1480.	FERI	42	rps12 [complement(91944..91976)], rps12 [complement(92518..92748)], rps12 [complement(69760..69873)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3922..3959)], trnG-UCC [complement(13623..13670)], trnG-UCC [complement(14343..14365)], trnL-UAA [48915..48949], trnL-UAA [49495..49544], trnV-UAC [complement(52968..53004)], trnV-UAC [complement(53607..53645)], rpl2	trnK-UUU [complement(1410..3921)], rps16 [complement(4734..5562)], trnG-UCC [complement(13671..14342)], atpF [35158..35986], ycf3 [complement(44321..45044)], ycf3 [complement(45273..46012)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84768..85172)], ndhB [complement(88875..89630)], ndhB [complement(90343..91119)], trnI-GAU [96579..96620], trnI-GAU [97567..97601], trnA-UGC [97667..97704], trnA-UGC [98516..98550], trnA-UGC [complement(124009..124043)], trnA-UGC [complement(124855..124892)], trnI-GAU [complement(124958..124992)], trnI-GAU [complement(125939..125980)]	[48950..49494], trnV-UAC [complement(53005..53606)], petB [73614..74429], petD [75278..76026], rpl16 [complement(80538..81662)], rpl2 [complement(84108..84767)], ndhB [complement(89631..90342)], trnI-GAU [96621..97566], trnA-UGC [97705..98515], ndhA [complement(115069..116093)], trnA-UGC [complement(124044..124854)], trnI-GAU [complement(124993..125938)], ndhB [132217..132928], rpl2 [137792..138451]
1481.	FICA	67	rps12 [complement(102156..102181)], rps12 [complement(102718..102949)], rps12 [complement(74077..74190)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4455..4491)], rps16 [complement(5556..5780)], rps16 [complement(6397..6525)], trnG-UCC [9879..9901], trnG-UCC [10623..10670], atpF [complement(12734..13143)], atpF [complement(13934..14054)], rpoC1 [complement(22265..23881)], rpoC1 [complement(24699..25151)], ycf3 [complement(45453..45605)], ycf3 [complement(46357..46586)], ycf3 [complement(47375..47498)], trnL-UAA [51087..51121], trnL-UAA [51629..51678], trnV-UAC [complement(54923..54957)], trnV-UAC [complement(55576..55614)], clpP [complement(74344..74571)], clpP [complement(75271..75562)], clpP [complement(76462..76532)], petB [79448..79453], petB [80256..80897], petD [81100..81107], petD [81842..82316], rpl16 [complement(85584..85982)], rpl16 [complement(87035..87043)], rpl2 [complement(88833..89267)], rpl2 [complement(89953..90342)], ndhB [complement(99108..99857)], ndhB [complement(100543..101319)], trnI-GAU [106759..106795], trnI-GAU [107741..107775], trnA-UGC [107840..107877], trnA-UGC [108680..108714], ndhA [complement(125778..126316)], ndhA [complement(127494..128046)], trnA-UGC [complement(140550..140584)], trnA-UGC [complement(141387..141424)], trnI-GAU [complement(141489..141523)], trnI-GAU [complement(142469..142505)], ndhB [147945..148721], ndhB	trnK-UUU [complement(1864..4454)], rps16 [complement(5781..6396)], trnG-UCC [9902..10622], atpF [complement(13144..13933)], rpoC1 [complement(23882..24698)], ycf3 [complement(45606..46356)], ycf3 [complement(46587..47374)], trnL-UAA [51122..51628], trnV-UAC [complement(54958..55575)], clpP [complement(74572..75270)], clpP [complement(75563..76461)], petB [79454..80255], petD [81108..81841], rpl16 [complement(85983..87034)], rpl2 [complement(89268..89952)], ndhB [complement(99858..100542)], trnI-GAU [106796..107740], trnA-UGC [107878..108679], ndhA [complement(126317..127493)], trnA-UGC [complement(140585..141386)], trnI-GAU [complement(141524..142468)], ndhB [148722..149406]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[149407..150156]	
1482.	FIMA	56	rps12 [complement(103956..103981)], rps12 [complement(104518..104785)], rps12 [complement(75253..75390)], trnK-UUU [complement(1666..1700)], trnK-UUU [complement(4242..4278)], rps16 [complement(5134..5360)], rps16 [complement(6229..6268)], trnG-UCC [8964..8986], trnG-UCC [9747..9795], atpF [complement(11935..12344)], atpF [complement(13158..13302)], rpoC1 [complement(21633..23258)], rpoC1 [complement(24040..24492)], ycf3 [complement(45031..45183)], ycf3 [complement(45958..46187)], ycf3 [complement(46942..47065)], trnL-UAA [51208..51242], trnL-UAA [51784..51833], trnV-UAC [complement(55988..56022)], trnV-UAC [complement(56604..56642)], rps12 [complement(75253..75390)], rps12 [146696..146963], rps12 [147500..147525], clpP [complement(75496..75726)], clpP [complement(76386..76677)], clpP [complement(77604..77674)], petB [80557..80562], petB [81377..82018], petD [82227..82234], petD [82973..83447], rpl16 [complement(86960..87358)], rpl16 [complement(88503..88511)], rpl2 [complement(90300..90733)], rpl2 [complement(91432..91822)], ndhB [complement(100896..101651)], ndhB [complement(102335..103111)], trnI-GAU [108776..108812], trnI-GAU [109771..109805], trnA-UGC [109869..109906], trnA-UGC [110701..110735], ndhA [123335..123887], ndhA [125029..125567], trnA-UGC [complement(140746..140780)], trnA-UGC [complement(141575..141612)], trnI-GAU [complement(141676..141710)], trnI-GAU [complement(142669..142705)], ndhB [148370..149146], ndhB [149830..150585], rpl2 [159659..160049], rpl2 [160748..161181]	trnK-UUU [complement(1701..4241)], trnG-UCC [8987..9746], ycf3 [complement(46188..46941)], rpl16 [complement(87359..88502)], trnI-GAU [108813..109770], rpl2 [160050..160747]
1483.	FIPU	62	rps12 [complement(102284..102309)], rps12 [complement(102846..103077)], rps12 [complement(73569..73682)], trnK-UUU [complement(1662..1696)], trnK-UUU [complement(4225..4261)], rps16 [complement(5095..5321)], rps16 [complement(6193..6232)], atpF [complement(10591..11001)], atpF [complement(11811..11954)], rpoC1 [complement(20285..21910)], rpoC1 [complement(22690..23121)], ycf3 [complement(43694..43846)], ycf3 [complement(44621..44848)], ycf3 [complement(45599..45724)], trnL-UAA [49447..49483], trnL-UAA [50022..50071], trnV-UAC	trnK-UUU [complement(1697..4224)], rps16 [complement(5322..6192)], atpF [complement(11002..11810)], rpoC1 [complement(21911..22689)], ycf3 [complement(43847..44620)], ycf3 [complement(44849..45598)], trnL-UAA [49484..50021], trnV-UAC [complement(54279..54859)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54242..54278)], trnV-UAC [complement(54860..54898)], petB [78877..78882], petB [79701..80342], petD [80551..80558], petD [81288..81762], rpl16 [complement(85260..85658)], rpl16 [complement(86796..86804)], rpl2 [complement(88628..89062)], rpl2 [complement(89761..90150)], ndhB [complement(99224..99979)], ndhB [complement(100663..101439)], trnI-GAU [107088..107129], trnI-GAU [108084..108118], trnA-UGC [108182..108219], trnA-UGC [109014..109048], ndhA [complement(124153..124692)], ndhA [complement(125824..126375)], trnA-UGC [complement(138953..138987)], trnA-UGC [complement(139782..139819)], trnI-GAU [complement(139883..139917)], trnI-GAU [complement(140872..140913)], ndhB [146562..147338], ndhB [148022..148777], rpl2 [157851..158240], rpl2 [158957..159373]	[78883..79700], petD [80559..81287], rpl16 [complement(85659..86795)], rpl2 [complement(89063..89760)], ndhB [complement(99980..100662)], trnI-GAU [107130..108083], trnA-UGC [108220..109013], ndhA [complement(124693..125823)], trnA-UGC [complement(138988..139781)], trnI-GAU [complement(139918..140871)], ndhB [147339..148021], rpl2 [158241..158956]
1484.	FIRA	34	rps16 [complement(5103..5327)], rps16 [complement(5948..6076)], atpF [complement(12290..12667)], atpF [complement(13421..13588)], rpoC1 [complement(21746..23401)], rpoC1 [complement(24154..24609)], ycf3 [complement(45062..45151)], ycf3 [complement(45901..46128)], ycf3 [complement(46915..47040)], clpP [complement(73682..73915)], clpP [complement(74599..75099)], clpP [complement(75809..75877)], rpl2 [complement(88136..88666)], rpl2 [complement(89247..89663)], ndhB [complement(98383..99165)], ndhB [complement(99809..100600)], ndhA [complement(124947..125459)], ndhA [complement(126635..127228)], ndhB [146984..147775], ndhB [148419..149201], rpl2 [157921..158337], rpl2 [158918..159448]	rps16 [complement(5328..5947)], atpF [complement(12668..13420)], rpoC1 [complement(23402..24153)], ycf3 [complement(45152..45900)], ycf3 [complement(46129..46914)], clpP [complement(73916..74598)], clpP [complement(75100..75808)], rpl2 [complement(88667..89246)], ndhB [complement(99166..99808)], ndhA [complement(125460..126634)], ndhB [147776..148418], rpl2 [158338..158917]
1485.	FIRE	29	rps12 [complement(102285..102310)], rps12 [complement(102847..103078)], rps12 [complement(74189..74302)], rps16 [complement(5500..5727)], rps16 [complement(6637..6678)], rpoC1 [complement(24638..25072)], ycf3 [complement(45478..45630)], ycf3 [complement(46384..46611)], ycf3 [complement(47397..47522)], trnL-UAA [51116..51152], trnL-UAA [51658..51707], trnV-UAC [complement(54962..54996)], trnV-UAC [complement(55616..55654)], clpP [complement(74415..74678)], clpP [complement(75374..75667)], clpP [complement(76564..76632)], rpl16 [complement(85698..86095)], rpl16 [complement(87203..87212)]	rps16 [complement(5728..6636)], atpF [complement(13100..13842)], rpoC1 [complement(23844..24637)], ycf3 [complement(45631..46383)], ycf3 [complement(46612..47396)], trnL-UAA [51153..51657], trnV-UAC [complement(54997..55615)], clpP [complement(74679..75373)], clpP [complement(75668..76563)], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(86096..87202)], ndhA [complement(126422..127581)]
1486.	FISI	2	rps12 [complement(75266..75379)], rps12 [147446..147471]	-
1487.	FLHY	28	rps12 [complement(97742..97984)], rps12 [complement(69368..69481)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4135..4171)], ycf3 [complement(43158..43387)], rps12 [138173..138415]	trnK-UUU [complement(1602..4134)], rps16 [complement(5199..6097)], rpoC1 [16467..17216], atpF [26946..27652], trnG- UCC [complement(30204..30936)], ycf3 [complement(42419..43157)], ycf3 [complement(43388..44086)], trnL-UAA [47121..47558], trnV-UAC [complement(51098..51670)], clpP [complement(69911..70539)], clpP [complement(70831..71635)], petB [74645..75429], petD [76268..76991], rpl2 [complement(84507..85177)], ndhB [complement(94923..95596)], trnI-GAU [101954..102729], trnA-UGC [102867..103679], ndhA [115965..117029], trnA-UGC [complement(132478..133290)], trnI-GAU [complement(133428..134203)], ndhB [140561..141234], rpl2 [150981..151651]
1488.	FLIN	60	rps12 [complement(98765..98790)], rps12 [complement(99327..99558)], rps12 [complement(69881..69994)], trnK-UUU [complement(1700..1728)], trnK-UUU [complement(4273..4309)], atpF [complement(10552..11040)], atpF [complement(11670..11828)], rpoC1 [complement(19848..21473)], rpoC1 [complement(22235..22669)], ycf3 [complement(42596..42748)], ycf3 [complement(43458..43685)], ycf3 [complement(44403..44531)], trnL-UAA [46810..46846], trnL-UAA [47405..47454], trnV-UAC [complement(51567..51603)], trnV-UAC [complement(52189..52227)], rps12 [141471..141701], rps12 [142238..142264], clpP [complement(70178..70405)], clpP [complement(71021..71311)], clpP [complement(72141..72209)], rpl16	trnK-UUU [complement(1729..4272)], atpF [complement(11041..11669)], rpoC1 [complement(21474..22234)], ycf3 [complement(42749..43457)], ycf3 [complement(43686..44402)], trnL-UAA [46847..47404], trnV-UAC [complement(51604..52188)], clpP [complement(70406..71020)], clpP [complement(71312..72140)], rpl16 [complement(82130..83247)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(81729..82129)], rpl16 [complement(83248..83257)], rpl2 [complement(85022..85492)], rpl2 [complement(86122..86514)], ndhB [complement(95697..96452)], ndhB [complement(97135..97911)], trnI-GAU [103539..103580], trnI-GAU [104524..104558], trnA-UGC [104623..104660], trnA-UGC [105464..105498], ndhA [complement(120840..121385)], ndhA [complement(122436..122987)], trnA-UGC [complement(135531..135565)], trnA-UGC [complement(136369..136406)], trnI-GAU [complement(136471..136505)], trnI-GAU [complement(137449..137490)], ndhB [143118..143894], ndhB [144577..145332], rpl2 [154515..154907], rpl2 [155537..156007]	[complement(85493..86121)], ndhB [complement(96453..97134)], trnI-GAU [103581..104523], trnA-UGC [104661..105463], ndhA [complement(121386..122435)], trnA-UGC [complement(135566..136368)], trnI-GAU [complement(136506..137448)], ndhB [143895..144576], rpl2 [154908..155536]
1489.	FOAN	72	rps12 [complement(99175..99200)], rps12 [complement(99737..99968)], rps12 [complement(71584..71697)], trnK [1835..1869], trnK [4364..4400], rps16 [complement(5289..5515)], rps16 [complement(6397..6436)], trnG [10102..10124], trnG [10803..10850], atpF [complement(12789..13199)], atpF [complement(13902..14045)], rpoC1 [complement(21941..23560)], rpoC1 [complement(24309..24761)], ycf3 [complement(44256..44408)], ycf3 [complement(45152..45381)], ycf3 [complement(46095..46218)], trnL [49088..49122], trnL [49597..49646], trnV [53554..53587], trnV [54161..54198], rps12 [140890..141121], rps12 [141658..141683], clpP [complement(71831..72058)], clpP [complement(72705..72996)], clpP [complement(73813..73883)], petB [76800..76805], petB [77507..78148], petD [78331..78338], petD [79073..79547], rpl16 [complement(82972..83370)], rpl16 [complement(84231..84239)], rpl2 [complement(85901..86334)], rpl2 [complement(87010..87400)], ndhB [complement(96168..96923)], ndhB [complement(97603..98379)], trnI [103647..103683], trnI [104631..104665], trnA [104730..104767], trnA [105579..105613], ndhA [complement(120661..121190)], ndhA [complement(122294..122849)], trnA [complement(135245..135279)], trnA [complement(136091..136128)], trnI [136193..136227], trnI [137175..137211], ndhB [142479..143255], ndhB [143935..144690], rpl2 [153458..153848], rpl2 [154524..154957]	trnK [1870..4363], rps16 [complement(5516..6396)], trnG [10125..10802], atpF [complement(13200..13901)], rpoC1 [complement(23561..24308)], ycf3 [complement(44409..45151)], ycf3 [complement(45382..46094)], trnL [49123..49596], trnV [53588..54160], clpP [complement(72059..72704)], clpP [complement(72997..73812)], petB [76806..77506], petD [78339..79072], rpl16 [complement(83371..84230)], rpl2 [complement(86335..87009)], ndhB [complement(96924..97602)], trnI [103684..104630], trnA [104768..105578], ndhA [complement(121191..122293)], trnA [complement(135280..136090)], trnI [136228..137174], ndhB [143256..143934], rpl2 [153849..154523]
1490.	FOIN	70	rps12 [complement(100421..100446)], rps12 [complement(100983..101214)], rps12 [complement(72823..72936)], trnK [1840..1874], trnK [4370..4406],	trnK [1875..4369], rps16 [complement(5484..6347)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps16 [complement(5257..5483)], rps16 [complement(6348..6387)], trnG-GCC [10096..10118], trnG-GCC [10796..10843], atpF [complement(12776..13186)], atpF [complement(13893..14036)], rpoC1 [complement(21994..23604)], rpoC1 [complement(24364..24816)], ycf3 [complement(44803..44955)], ycf3 [complement(45692..45921)], ycf3 [complement(46634..46757)], trnL-UAA [49692..49726], trnL-UAA [50202..50251], rps12 [complement(72823..72936)], rps12 [142260..142491], rps12 [143028..143053], clpP [complement(73070..73297)], clpP [complement(73937..74228)], clpP [complement(75040..75110)], petB [78038..78043], petB [78756..79397], petD [79580..79587], petD [80301..80775], rpl16 [complement(84221..84619)], rpl16 [complement(85484..85492)], rpl2 [complement(87149..87582)], rpl2 [complement(88250..88640)], ndhB [complement(97414..98169)], ndhB [complement(98849..99625)], trnI-GAU [104927..104963], trnI-GAU [105911..105945], trnA-UGC [106010..106047], trnA-UGC [106862..106896], ndhA [complement(122043..122572)], ndhA [complement(123678..124233)], trnA-UGC [complement(136578..136612)], trnA-UGC [complement(137427..137464)], trnI-GAU [complement(137529..137563)], trnI-GAU [complement(138511..138547)], ndhB [143849..144625], ndhB [145305..146060], rpl2 [154834..155224], rpl2 [155892..156325]</p>	<p>[10119..10795], atpF [complement(13187..13892)], rpoC1 [complement(23605..24363)], ycf3 [complement(44956..45691)], ycf3 [complement(45922..46633)], trnL-UAA [49727..50201], clpP [complement(73298..73936)], clpP [complement(74229..75039)], petB [78044..78755], petD [79588..80300], rpl16 [complement(84620..85483)], rpl2 [complement(87583..88249)], ndhB [complement(98170..98848)], trnI-GAU [104964..105910], trnA-UGC [106048..106861], ndhA [complement(122573..123677)], trnA-UGC [complement(136613..137426)], trnI-GAU [complement(137564..138510)], ndhB [144626..145304], rpl2 [155225..155891]</p>
1491.	FOIS	72	<p>rps12 [complement(99270..99295)], rps12 [complement(99832..100063)], rps12 [complement(71678..71791)], trnK [1844..1878], trnK [4374..4410], rps16 [complement(5308..5534)], rps16 [complement(6410..6449)], trnG-GCC [10114..10136], trnG-GCC [10815..10862], atpF [complement(12795..13205)], atpF [complement(13908..14051)], rpoC1 [complement(21942..23561)], rpoC1 [complement(24323..24775)], ycf3 [complement(44281..44433)], ycf3 [complement(45176..45405)], ycf3 [complement(46110..46233)], trnL-UAA [49101..49135], trnL-UAA [49616..49665], trnV [53479..53512], trnV [54093..54130], rps12 [141020..141251], rps12 [141788..141813], clpP [complement(71925..72152)], clpP [complement(72791..73082)], clpP [complement(73893..73963)], petB [76880..76885], petB [77591..78232], petD [78415..78422], petD [79157..79631], rpl16 [complement(83060..83458)],</p>	<p>trnK [1879..4373], rps16 [complement(5535..6409)], trnG-GCC [10137..10814], atpF [complement(13206..13907)], rpoC1 [complement(23562..24322)], ycf3 [complement(44434..45175)], ycf3 [complement(45406..46109)], trnL-UAA [49136..49615], trnV [53513..54092], clpP [complement(72153..72790)], clpP [complement(73083..73892)], petB [76886..77590], petD [78423..79156], rpl16 [complement(83459..84313)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(84314..84322)], rpl2 [complement(85984..86417)], rpl2 [complement(87093..87483)], ndhB [complement(96263..97018)], ndhB [complement(97698..98474)], trnI-GAU [103749..103785], trnI-GAU [104733..104767], trnA-UGC [104832..104869], trnA-UGC [105681..105715], ndhA [complement(120774..121303)], ndhA [complement(122399..122954)], trnA-UGC [complement(135368..135402)], trnA-UGC [complement(136214..136251)], trnI-GAU [136316..136350], trnI-GAU [137298..137334], ndhB [142609..143385], ndhB [144065..144820], rpl2 [153600..153990], rpl2 [154666..155099]	[complement(86418..87092)], ndhB [complement(97019..97697)], trnI-GAU [103786..104732], trnA-UGC [104870..105680], ndhA [complement(121304..122398)], trnA-UGC [complement(135403..136213)], trnI-GAU [136351..137297], ndhB [143386..144064], rpl2 [153991..154665]
1492.	FOLI	72	rps12 [complement(99053..99078)], rps12 [complement(99615..99846)], rps12 [complement(71480..71593)], trnK [1831..1865], trnK [4361..4397], rps16 [complement(5289..5515)], rps16 [complement(6397..6436)], trnG [10113..10135], trnG [10815..10862], atpF [complement(12809..13219)], atpF [complement(13930..14073)], rpoC1 [complement(21672..23291)], rpoC1 [complement(24051..24503)], ycf3 [complement(44018..44170)], ycf3 [complement(44914..45143)], ycf3 [complement(45851..45974)], trnL [48842..48876], trnL [49351..49400], trnV [53278..53311], trnV [53892..53929], rps12 [140795..141026], rps12 [141563..141588], clpP [complement(71727..71954)], clpP [complement(72598..72889)], clpP [complement(73702..73772)], petB [76689..76694], petB [77402..78043], petD [78226..78233], petD [78946..79420], rpl16 [complement(82838..83236)], rpl16 [complement(84090..84098)], rpl2 [complement(85767..86200)], rpl2 [complement(86876..87266)], ndhB [complement(96046..96801)], ndhB [complement(97481..98257)], trnI [103538..103574], trnI [104522..104556], trnA [104621..104658], trnA [105470..105504], ndhA [complement(120540..121069)], ndhA [complement(122167..122722)], trnA [complement(135137..135171)], trnA [complement(135983..136020)], trnI [136085..136119], trnI [137067..137103], ndhB [142384..143160], ndhB [143840..144595], rpl2 [153375..153765], rpl2 [154441..154874]	trnK [1866..4360], rps16 [complement(5516..6396)], trnG [10136..10814], atpF [complement(13220..13929)], rpoC1 [complement(23292..24050)], ycf3 [complement(44171..44913)], ycf3 [complement(45144..45850)], trnL [48877..49350], trnV [53312..53891], clpP [complement(71955..72597)], clpP [complement(72890..73701)], petB [76695..77401], petD [78234..78945], rpl16 [complement(83237..84089)], rpl2 [complement(86201..86875)], ndhB [complement(96802..97480)], trnI [103575..104521], trnA [104659..105469], ndhA [complement(121070..122166)], trnA [complement(135172..135982)], trnI [136120..137066], ndhB [143161..143839], rpl2 [153766..154440]
1493.	FOPH	72	rps12 [complement(99128..99153)], rps12 [complement(99690..99921)], rps12 [complement(71539..71652)], trnK [1836..1870], trnK [4365..4401], rps16 [complement(5290..5516)], rps16 [complement(6398..6437)], trnG	trnK [1871..4364], rps16 [complement(5517..6397)], trnG [10126..10803], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10103..10125], trnG [10804..10851], atpF [complement(12790..13200)], atpF [complement(13903..14046)], rpoC1 [complement(21945..23564)], rpoC1 [complement(24313..24765)], ycf3 [complement(44245..44397)], ycf3 [complement(45141..45370)], ycf3 [complement(46084..46207)], trnL [49078..49112], trnL [49587..49636], trnV [53511..53544], trnV [54118..54155], rps12 [140858..141089], rps12 [141626..141651], clpP [complement(71786..72013)], clpP [complement(72660..72951)], clpP [complement(73768..73838)], petB [76755..76760], petB [77461..78102], petD [78285..78292], petD [79027..79501], rpl16 [complement(82926..83324)], rpl16 [complement(84185..84193)], rpl2 [complement(85854..86287)], rpl2 [complement(86963..87353)], ndhB [complement(96121..96876)], ndhB [complement(97556..98332)], trnI [103608..103644], trnI [104592..104626], trnA [104691..104728], trnA [105540..105574], ndhA [complement(120621..121150)], ndhA [complement(122254..122809)], trnA [complement(135205..135239)], trnA [complement(136051..136088)], trnI [136153..136187], trnI [137135..137171], ndhB [142447..143223], ndhB [143903..144658], rpl2 [153426..153816], rpl2 [154492..154925]	[complement(13201..13902)], rpoC1 [complement(23565..24312)], ycf3 [complement(44398..45140)], ycf3 [complement(45371..46083)], trnL [49113..49586], trnV [53545..54117], clpP [complement(72014..72659)], clpP [complement(72952..73767)], petB [76761..77460], petD [78293..79026], rpl16 [complement(83325..84184)], rpl2 [complement(86288..86962)], ndhB [complement(96877..97555)], trnI [103645..104591], trnA [104729..105539], ndhA [complement(121151..122253)], trnA [complement(135240..136050)], trnI [136188..137134], ndhB [143224..143902], rpl2 [153817..154491]
1494.	FOSE	72	rps12 [complement(99185..99210)], rps12 [complement(99747..99978)], rps12 [complement(71585..71698)], trnK [1835..1869], trnK [4364..4400], rps16 [complement(5289..5515)], rps16 [complement(6397..6436)], trnG [10102..10124], trnG [10803..10850], atpF [complement(12788..13198)], atpF [complement(13901..14044)], rpoC1 [complement(21943..23562)], rpoC1 [complement(24311..24763)], ycf3 [complement(44259..44411)], ycf3 [complement(45155..45384)], ycf3 [complement(46096..46219)], trnL [49090..49124], trnL [49599..49648], trnV [53556..53589], trnV [54163..54200], rps12 [140900..141131], rps12 [141668..141693], clpP [complement(71832..72059)], clpP [complement(72706..72997)], clpP [complement(73814..73884)], petB [76801..76806], petB [77508..78149], petD [78332..78339], petD [79074..79548], rpl16 [complement(82973..83371)], rpl16 [complement(84241..84249)], rpl2 [complement(85911..86344)], rpl2 [complement(87020..87410)], ndhB [complement(96178..96933)], ndhB [complement(97613..98389)], trnI [103657..103693], trnI [104641..104675],	trnK [1870..4363], rps16 [complement(5516..6396)], trnG [10125..10802], atpF [complement(13199..13900)], rpoC1 [complement(23563..24310)], ycf3 [complement(44412..45154)], ycf3 [complement(45385..46095)], trnL [49125..49598], trnV [53590..54162], clpP [complement(72060..72705)], clpP [complement(72998..73813)], petB [76807..77507], petD [78340..79073], rpl16 [complement(83372..84240)], rpl2 [complement(86345..87019)], ndhB [complement(96934..97612)], trnI [103694..104640], trnA [104778..105588],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [104740..104777], trnA [105589..105623], ndhA [complement(120671..121200)], ndhA [complement(122304..122859)], trnA [complement(135255..135289)], trnA [complement(136101..136138)], trnI [136203..136237], trnI [137185..137221], ndhB [142489..143265], ndhB [143945..144700], rpl2 [153468..153858], rpl2 [154534..154967]	ndhA [complement(121201..122303)], trnA [complement(135290..136100)], trnI [136238..137184], ndhB [143266..143944], rpl2 [153859..154533]
1495.	FOSI	4	rps12 [complement(73559..73672)], rps12 [145684..145708]	trnK-UUU [complement(1827..4276)], rps16 [complement(5414..6263)]
1496.	FOSU	73	rps12 [complement(100494..100520)], rps12 [complement(101057..101287)], rps12 [complement(72895..73008)], trnK-UUU [complement(1841..1878)], trnK-UUU [complement(4373..4409)], rps16 [complement(5257..5483)], rps16 [complement(6348..6387)], trnG-GCC [10095..10118], trnG-GCC [10795..10842], atpF [complement(12774..13184)], atpF [complement(13890..14033)], rpoC1 [complement(21987..23605)], rpoC1 [complement(24364..24808)], ycf3 [complement(44811..44963)], ycf3 [complement(45701..45928)], ycf3 [complement(46643..46771)], trnL-UAA [49707..49743], trnL-UAA [50217..50266], trnV-UAC [complement(54123..54159)], trnV-UAC [complement(54732..54769)], rps12 [complement(72895..73008)], rps12 [142277..142507], rps12 [143044..143070], clpP [complement(73142..73369)], clpP [complement(74012..74302)], clpP [complement(75118..75186)], petB [78114..78119], petB [78827..79468], petD [79651..79658], petD [80372..80846], rpl16 [complement(84284..84682)], rpl16 [complement(85548..85556)], rpl2 [complement(87211..87645)], rpl2 [complement(88310..88702)], ndhB [complement(97487..98242)], ndhB [complement(98922..99698)], trnI-GAU [104979..105020], trnI-GAU [105963..105997], trnA-UGC [106062..106099], trnA-UGC [106914..106948], ndhA [complement(122035..122565)], ndhA [complement(123672..124226)], trnA-UGC [complement(136616..136650)], trnA-UGC [complement(137465..137502)], trnI-GAU [complement(137567..137601)], trnI-GAU [complement(138544..138585)], ndhB [143866..144642], ndhB [145322..146077], rpl2 [154862..155252], rpl2 [155920..156353]	trnK-UUU [complement(1879..4372)], rps16 [complement(5484..6347)], trnG-GCC [10119..10794], atpF [complement(13185..13889)], rpoC1 [complement(23606..24363)], ycf3 [complement(44964..45700)], ycf3 [complement(45929..46642)], trnL-UAA [49744..50216], trnV-UAC [complement(54160..54731)], clpP [complement(73370..74011)], clpP [complement(74303..75117)], petB [78120..78826], petD [79659..80371], rpl16 [complement(84683..85547)], rpl2 [complement(87646..88309)], ndhB [complement(98243..98921)], trnI-GAU [105021..105962], trnA-UGC [106100..106913], ndhA [complement(122566..123671)], trnA-UGC [complement(136651..137464)], trnI-GAU [complement(137602..138543)], ndhB [144643..145321], rpl2 [155253..155919]
1497.	FOVU	2	rps12 [142295..142315]	trnK-UUU [complement(1967..4483)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1498.	FRAG	66	rps12 [complement(99675..99700)], rps12 [complement(100237..100468)], rps12 [complement(72097..72210)], rps16 [complement(5314..5540)], rps16 [complement(6410..6449)], trnG-GCC [10106..10128], trnG-GCC [10809..10856], atpF [complement(12796..13206)], atpF [complement(13902..14045)], rpoC1 [complement(21918..23537)], rpoC1 [complement(24295..24747)], ycf3 [complement(44101..44253)], ycf3 [complement(45008..45237)], ycf3 [complement(45944..46067)], trnL-UAA [48947..48981], trnL-UAA [49456..49505], rps12 [141447..141678], rps12 [142215..142240], clpP [complement(72344..72571)], clpP [complement(73215..73506)], clpP [complement(74324..74394)], petB [77312..77317], petB [78024..78665], petD [78848..78855], petD [79575..80049], rpl16 [complement(83458..83856)], rpl16 [complement(84715..84723)], rpl2 [complement(86389..86822)], rpl2 [complement(87498..87888)], ndhB [complement(96668..97423)], ndhB [complement(98103..98879)], trnI-GAU [104154..104190], trnI-GAU [105138..105172], trnA-UGC [105237..105274], trnA-UGC [106086..106120], ndhA [complement(121199..121728)], ndhA [complement(122838..123393)], trnA-UGC [complement(135795..135829)], trnA-UGC [complement(136641..136678)], trnI-GAU [complement(136743..136777)], trnI-GAU [complement(137725..137761)], ndhB [143036..143812], ndhB [144492..145247], rpl2 [154027..154417], rpl2 [155093..155526]	rps16 [complement(5541..6409)], trnG-GCC [10129..10808], atpF [complement(13207..13901)], rpoC1 [complement(23538..24294)], ycf3 [complement(44254..45007)], ycf3 [complement(45238..45943)], trnL-UAA [48982..49455], clpP [complement(72572..73214)], clpP [complement(73507..74323)], petB [77318..78023], petD [78856..79574], rpl16 [complement(83857..84714)], rpl2 [complement(86823..87497)], ndhB [complement(97424..98102)], trnI-GAU [104191..105137], trnA-UGC [105275..106085], ndhA [complement(121729..122837)], trnA-UGC [complement(135830..136640)], trnI-GAU [complement(136778..137724)], ndhB [143813..144491], rpl2 [154418..155092]
1499.	FRAL	73	rps12 [complement(100798..100823)], rps12 [complement(101360..101591)], rps12 [complement(72907..73020)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4297..4333)], rps16 [complement(5151..5375)], rps16 [complement(6214..6252)], trnG [9959..9981], trnG [10672..10719], atpF [complement(12742..13149)], atpF [complement(13855..14013)], rpoC1 [complement(22014..23639)], rpoC1 [complement(24371..24805)], ycf3 [complement(45046..45198)], ycf3 [complement(45920..46147)], ycf3 [complement(46872..46997)], trnL-UAA [50220..50256], trnL-UAA [50779..50828], trnV-UAC [complement(54071..54107)], trnV-UAC [complement(54695..54733)], rps12 [complement(72907..73020)], rps12 [143536..143767], rps12 [144304..144329], clpP [complement(73164..73448)],	trnK-UUU [complement(1788..4296)], rps16 [complement(5376..6213)], trnG [9982..10671], atpF [complement(13150..13854)], rpoC1 [complement(23640..24370)], ycf3 [complement(45199..45919)], ycf3 [complement(46148..46871)], trnL-UAA [50257..50778], trnV-UAC [complement(54108..54694)], clpP [complement(73449..74056)], clpP [complement(74348..75146)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(74057..74347)], clpP [complement(75147..75215)], petB [78152..78157], petB [78936..79592], petD [79781..79789], petD [80501..81025], rpl16 [complement(84519..84920)], rpl16 [complement(85917..85925)], rpl2 [complement(87579..88013)], rpl2 [complement(88681..89073)], ndhB [complement(97918..98673)], ndhB [complement(99353..100129)], trnI-GAU [105296..105337], trnI-GAU [106276..106310], trnA-UGC [106375..106412], trnA-UGC [107220..107254], ndhA [complement(123249..123788)], ndhA [complement(124897..125448)], trnA-UGC [complement(137873..137907)], trnA-UGC [complement(138715..138752)], trnI-GAU [complement(138817..138851)], trnI-GAU [complement(139790..139831)], ndhB [144998..145774], ndhB [146454..147209], rpl2 [156054..156443], rpl2 [157114..157548]</p>	<p>[78158..78935], petD [79790..80500], rpl16 [complement(84921..85916)], rpl2 [complement(88014..88680)], ndhB [complement(98674..99352)], trnI-GAU [105338..106275], trnA-UGC [106413..107219], ndhA [complement(123789..124896)], trnA-UGC [complement(137908..138714)], trnI-GAU [complement(138852..139789)], ndhB [145775..146453], rpl2 [156444..157113]</p>
1500.	FRAM	66	<p>rps12 [complement(99761..99786)], rps12 [complement(100323..100554)], rps12 [complement(72160..72273)], rps16 [complement(5287..5513)], rps16 [complement(6390..6429)], trnG-GCC [10079..10101], trnG-GCC [10779..10826], atpF [complement(12771..13181)], atpF [complement(13877..14020)], rpoC1 [complement(21907..23526)], rpoC1 [complement(24285..24737)], ycf3 [complement(44232..44384)], ycf3 [complement(45139..45368)], ycf3 [complement(46072..46195)], trnL-UAA [49061..49095], trnL-UAA [49570..49619], rps12 [141482..141713], rps12 [142250..142275], clpP [complement(72407..72634)], clpP [complement(73275..73566)], clpP [complement(74381..74451)], petB [77370..77375], petB [78082..78723], petD [78906..78913], petD [79639..80113], rpl16 [complement(83541..83939)], rpl16 [complement(84816..84824)], rpl2 [complement(86491..86924)], rpl2 [complement(87600..87990)], ndhB [complement(96754..97509)], ndhB [complement(98189..98965)], trnI-GAU [104240..104276], trnI-GAU [105224..105258], trnA-UGC [105323..105360], trnA-UGC [106172..106206], ndhA [complement(121242..121771)], ndhA [complement(122872..123427)], trnA-UGC [complement(135830..135864)], trnA-UGC [complement(136676..136713)], trnI-GAU [complement(136778..136812)], trnI-GAU [complement(137760..137796)], ndhB [143071..143847], ndhB</p>	<p>rps16 [complement(5514..6389)], trnG-GCC [10102..10778], atpF [complement(13182..13876)], rpoC1 [complement(23527..24284)], ycf3 [complement(44385..45138)], ycf3 [complement(45369..46071)], trnL-UAA [49096..49569], clpP [complement(72635..73274)], clpP [complement(73567..74380)], petB [77376..78081], petD [78914..79638], rpl16 [complement(83940..84815)], rpl2 [complement(86925..87599)], ndhB [complement(97510..98188)], trnI-GAU [104277..105223], trnA-UGC [105361..106171], ndhA [complement(121772..122871)], trnA-UGC [complement(135865..136675)], trnI-GAU [complement(136813..137759)], ndhB [143848..144526], rpl2 [154437..155111]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144527..145282], rpl2 [154046..154436], rpl2 [155112..155545]	
1501.	FRAN	69	rps12 [complement(99122..99147)], rps12 [complement(99684..99915)], rps12 [complement(70779..70892)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4230..4266)], rps16 [complement(5015..5242)], rps16 [complement(6099..6140)], trnG-GCC [9011..9033], trnG-GCC [9726..9773], rpoC1 [complement(20234..21844)], rpoC1 [complement(22601..23032)], ycf3 [complement(43392..43544)], ycf3 [complement(44350..44577)], ycf3 [complement(45299..45424)], trnL-UAA [48675..48709], trnL-UAA [49130..49179], trnV-UAC [complement(52659..52693)], trnV-UAC [complement(53292..53330)], rps12 [141167..141398], rps12 [141935..141960], clpP [complement(71077..71304)], clpP [complement(71965..72258)], clpP [complement(73084..73152)], petB [76096..76101], petB [76872..77519], petD [77721..77729], petD [78444..78917], rpl16 [complement(82427..82828)], rpl16 [complement(83820..83828)], rpl2 [complement(85578..86012)], rpl2 [complement(86694..87083)], ndhB [complement(96072..96827)], ndhB [complement(97504..98280)], trnI-GAU [103688..103729], trnI-GAU [104682..104716], trnA-UGC [104781..104818], trnA-UGC [105630..105664], ndhA [complement(120738..121277)], ndhA [complement(122467..123009)], trnA-UGC [complement(135418..135452)], trnA-UGC [complement(136264..136301)], trnI-GAU [complement(136366..136400)], trnI-GAU [complement(137353..137394)], ndhB [142802..143578], ndhB [144255..145010], rpl2 [153999..154388], rpl2 [155070..155504]	trnK-UUU [complement(1735..4229)], rps16 [complement(5243..6098)], trnG-GCC [9034..9725], rpoC1 [complement(21845..22600)], ycf3 [complement(43545..44349)], ycf3 [complement(44578..45298)], trnL-UAA [48710..49129], trnV-UAC [complement(52694..53291)], clpP [complement(71305..71964)], clpP [complement(72259..73083)], petB [76102..76871], petD [77730..78443], rpl16 [complement(82829..83819)], rpl2 [complement(86013..86693)], ndhB [complement(96828..97503)], trnI-GAU [103730..104681], trnA-UGC [104819..105629], ndhA [complement(121278..122466)], trnA-UGC [complement(135453..136263)], trnI-GAU [complement(136401..137352)], ndhB [143579..144254], rpl2 [154389..155069]
1502.	FRBO	59	rps12 [complement(90145..90173)], rps12 [complement(90714..90945)], rps12 [complement(68373..68486)], trnK-UUU [1377..1409], trnK-UUU [3954..3991], rps16 [complement(4545..4774)], rps16 [complement(5639..5678)], trnG-UCC [13240..13287], trnG-UCC [13976..13998], atpF [33772..33930], atpF [34759..35166], ycf3 [complement(42883..43041)], ycf3 [complement(43782..44009)], ycf3 [complement(44734..44865)], trnL-UAA [47548..47582], trnL-UAA [48118..48167], trnV-UAC [51697..51733], trnV-UAC [52330..52368], petB [71960..71965], petB [72779..73420], petD [73609..73616], petD	trnK-UUU [1410..3953], rps16 [complement(4775..5638)], trnG-UCC [13288..13975], atpF [33931..34758], ycf3 [complement(43042..43781)], ycf3 [complement(44010..44733)], trnL-UAA [47583..48117], trnV-UAC [51734..52329], petB [71966..72778], petD [73617..74374], rpl16 [complement(78827..79903)], rpl2 [complement(82338..83004)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74375..74849], rpl16 [complement(78422..78826)], rpl16 [complement(79904..79912)], rpl2 [complement(81906..82337)], rpl2 [complement(83005..83394)], ndhB [complement(87072..87827)], ndhB [complement(88540..89316)], trnI-GAU [94779..94820], trnI-GAU [95755..95789], trnA-UGC [95854..95891], trnA-UGC [96703..96737], ndhA [complement(112678..113217)], ndhA [complement(114236..114787)], trnA-UGC [complement(122104..122138)], trnA-UGC [complement(122950..122986)], trnI-GAU [complement(123052..123086)], trnI-GAU [complement(124021..124062)], ndhB [129525..130301], ndhB [131014..131769]	[complement(87828..88539)], trnI-GAU [94821..95754], trnA-UGC [95892..96702], ndhA [complement(113218..114235)], trnA-UGC [complement(122139..122949)], trnI-GAU [complement(123087..124020)], ndhB [130302..131013]
1503.	FRCH	69	rps12 [complement(99166..99191)], rps12 [complement(99728..99959)], rps12 [complement(70803..70916)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4264..4300)], rps16 [complement(5049..5276)], rps16 [complement(6133..6174)], trnG-GCC [9046..9068], trnG-GCC [9761..9808], rpoC1 [complement(20270..21880)], rpoC1 [complement(22637..23068)], ycf3 [complement(43427..43579)], ycf3 [complement(44385..44612)], ycf3 [complement(45334..45459)], trnL-UAA [48709..48743], trnL-UAA [49164..49213], trnV-UAC [complement(52693..52727)], trnV-UAC [complement(53326..53364)], rps12 [141212..141443], rps12 [141980..142005], clpP [complement(71102..71329)], clpP [complement(71991..72284)], clpP [complement(73110..73178)], petB [76141..76146], petB [76917..77564], petD [77766..77774], petD [78489..78962], rpl16 [complement(82471..82872)], rpl16 [complement(83864..83872)], rpl2 [complement(85622..86056)], rpl2 [complement(86738..87127)], ndhB [complement(96116..96871)], ndhB [complement(97548..98324)], trnI-GAU [103732..103773], trnI-GAU [104726..104760], trnA-UGC [104825..104862], trnA-UGC [105674..105708], ndhA [complement(120783..121322)], ndhA [complement(122512..123054)], trnA-UGC [complement(135463..135497)], trnA-UGC [complement(136309..136346)], trnI-GAU [complement(136411..136445)], trnI-GAU [complement(137398..137439)], ndhB [142847..143623], ndhB [144300..145055], rpl2 [154044..154433], rpl2 [155115..155549]	trnK-UUU [complement(1769..4263)], rps16 [complement(5277..6132)], trnG-GCC [9069..9760], rpoC1 [complement(21881..22636)], ycf3 [complement(43580..44384)], ycf3 [complement(44613..45333)], trnL-UAA [48744..49163], trnV-UAC [complement(52728..53325)], clpP [complement(71330..71990)], clpP [complement(72285..73109)], petB [76147..76916], petD [77775..78488], rpl16 [complement(82873..83863)], rpl2 [complement(86057..86737)], ndhB [complement(96872..97547)], trnI-GAU [103774..104725], trnA-UGC [104863..105673], ndhA [complement(121323..122511)], trnA-UGC [complement(135498..136308)], trnI-GAU [complement(136446..137397)], ndhB [143624..144299], rpl2 [154434..155114]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1504.	FRCI	28	rps12 [complement(67156..67269)], rpoC1 [complement(19721..21343)], rpoC1 [complement(22121..22552)], trnL-UAA [44766..44800], rps12 [138225..138250]	trnK-UUU [complement(1398..3953)], rps16 [complement(4906..5783)], trnG-GCC [7848..8537], atpF [complement(10940..11728)], rpoC1 [complement(21344..22120)], ycf3 [complement(40201..40909)], ycf3 [complement(41138..41874)], trnL-UAA [44801..45333], trnV-UAC [complement(48866..49467)], clpP [complement(67675..68258)], clpP [complement(68550..69321)], petB [72322..73146], petD [74005..74769], rpl16 [complement(79161..80158)], rpl2 [complement(82493..83165)], ndhB [complement(93252..93899)], trnI-GAU [100271..101208], trnA-UGC [101345..102154], ndhA [complement(117803..118837)], trnA-UGC [complement(131608..132417)], trnI-GAU [complement(132554..133491)], ndhB [139863..140509], rpl2 [150596..151268]
1505.	FRCS	72	rps12 [complement(99713..99738)], rps12 [complement(100275..100506)], rps12 [complement(72137..72250)], trnK-UUU [complement(1825..1860)], trnK-UUU [complement(4391..4415)], rps16 [complement(5287..5501)], rps16 [complement(6394..6433)], trnG-UCC [10036..10058], trnG-UCC [10731..10779], atpF [complement(12722..13131)], atpF [complement(13827..13971)], rpoC1 [complement(21854..23473)], rpoC1 [complement(24233..24664)], ycf3 [complement(44171..44323)], ycf3 [complement(45076..45305)], ycf3 [complement(46008..46131)], trnL-UAA [49009..49045], trnL-UAA [49518..49561], trnV-UAC [complement(53450..53486)], trnV-UAC [complement(54060..54097)], rps12 [141422..141653], rps12 [142190..142215], clpP [complement(72384..72612)],	trnK-UUU [complement(1861..4390)], rps16 [complement(5502..6393)], trnG-UCC [10059..10730], atpF [complement(13132..13826)], rpoC1 [complement(23474..24232)], ycf3 [complement(44324..45075)], ycf3 [complement(45306..46007)], trnL-UAA [49046..49517], trnV-UAC [complement(53487..54059)], clpP [complement(72613..73253)], clpP [complement(73545..74357)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(73254..73544)], clpP [complement(74358..74428)], petB [77347..77352], petB [78056..78697], petD [78953..78960], petD [79612..80086], rpl16 [complement(83510..83908)], rpl16 [complement(84776..84784)], rpl2 [complement(86443..86876)], rpl2 [complement(87552..87942)], ndhB [complement(96706..97461)], ndhB [complement(98141..98917)], trnI-GAU [104192..104233], trnI-GAU [105169..105203], trnA-UGC [105268..105305], trnA-UGC [106117..106151], ndhA [complement(121189..121718)], ndhA [complement(122819..123374)], trnA-UGC [complement(135777..135811)], trnA-UGC [complement(136623..136660)], trnI-GAU [complement(136725..136759)], trnI-GAU [complement(137695..137736)], ndhB [143011..143787], ndhB [144467..145222], rpl2 [153986..154376], rpl2 [155052..155485]</p>	<p>[77353..78055], petD [78961..79611], rpl16 [complement(83909..84775)], rpl2 [complement(86877..87551)], ndhB [complement(97462..98140)], trnI-GAU [104234..105168], trnA-UGC [105306..106116], ndhA [complement(121719..122818)], trnA-UGC [complement(135812..136622)], trnI-GAU [complement(136760..137694)], ndhB [143788..144466], rpl2 [154377..155051]</p>
1506.	FRDA	28	<p>rps12 [complement(67135..67248)], rpoC1 [complement(19745..21367)], rpoC1 [complement(22145..22576)], trnL-UAA [44782..44816], rps12 [138225..138250]</p>	<p>trnK-UUU [complement(1399..3959)], rps16 [complement(4933..5813)], trnG-GCC [7885..8570], atpF [complement(10973..11753)], rpoC1 [complement(21368..22144)], ycf3 [complement(40233..40941)], ycf3 [complement(41170..41910)], trnL-UAA [44817..45349], trnV-UAC [complement(48867..49468)], clpP [complement(67654..68239)], clpP [complement(68531..69306)], petB [72307..73127], petD [73981..74739], rpl16 [complement(79122..80111)], rpl2 [complement(82447..83118)], ndhB [complement(93205..93852)], trnI-GAU [100229..101166], trnA-UGC [101303..102112], ndhA [complement(117789..118821)], trnA-UGC [complement(131603..132412)], trnI-GAU [complement(132549..133486)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[139863..140510], rpl2 [150597..151268]
1507.	FRED	65	rps12 [complement(95740..95766)], rps12 [complement(96308..96538)], rps12 [complement(67289..67402)], trnK-UUU [complement(1357..1391)], trnK-UUU [complement(4028..4064)], rps16 [complement(4798..5009)], rps16 [complement(5887..5926)], atpF [complement(10911..11306)], atpF [complement(12082..12225)], rpoC1 [complement(20063..21687)], rpoC1 [complement(22466..22895)], ycf3 [complement(40282..40440)], ycf3 [complement(41152..41379)], ycf3 [complement(42106..42231)], trnL-UAA [44970..45004], trnL-UAA [45538..45587], trnV-UAC [complement(49022..49058)], trnV-UAC [complement(49661..49699)], rps12 [137678..137920], clpP [complement(67556..67807)], clpP [complement(68399..68690)], clpP [complement(69476..69546)], petB [72474..72479], petB [73267..73923], petD [74129..74136], petD [74896..75391], rpl16 [complement(78888..79298)], rpl16 [complement(80358..80366)], rpl2 [complement(82288..82718)], rpl2 [complement(83393..83777)], ndhB [complement(92725..93480)], ndhB [complement(94128..94904)], trnI-GAU [100468..100509], trnI-GAU [101442..101476], trnA-UGC [101540..101577], trnA-UGC [102388..102422], ndhA [complement(117510..118049)], ndhA [complement(119080..119631)], trnA-UGC [complement(131794..131828)], trnA-UGC [complement(132639..132676)], trnI-GAU [complement(132740..132774)], trnI-GAU [complement(133707..133748)], rpl2 [150439..150823], rpl2 [151498..151928]	trnK-UUU [complement(1392..4027)], rps16 [complement(5010..5886)], atpF [complement(11307..12081)], rpoC1 [complement(21688..22465)], ycf3 [complement(40441..41151)], ycf3 [complement(41380..42105)], trnL-UAA [45005..45537], trnV-UAC [complement(49059..49660)], clpP [complement(67808..68398)], clpP [complement(68691..69475)], petB [72480..73266], petD [74137..74895], rpl16 [complement(79299..80357)], rpl2 [complement(82719..83392)], ndhB [complement(93481..94127)], trnI-GAU [100510..101441], trnA-UGC [101578..102387], ndhA [complement(118050..119079)], trnA-UGC [complement(131829..132638)], trnI-GAU [complement(132775..133706)], rpl2 [150824..151497]
1508.	FREX	67	trnK [1864..1898], trnK [4410..4446], rps16 [complement(5342..5568)], rps16 [complement(6438..6477)], trnG [10125..10147], trnG [10829..10876], atpF [complement(12816..13226)], atpF [complement(13922..14065)], rpoC1 [complement(21936..23555)], rpoC1 [complement(24313..24765)], ycf3 [complement(44122..44274)], ycf3 [complement(45028..45257)], ycf3 [complement(45963..46086)], trnL [48969..49003], trnL [49478..49527], trnV [53416..53452], trnV [54027..54064], clpP [complement(72358..72585)], clpP [complement(73229..73520)], clpP [complement(74340..74410)], petB [77328..77333], petB [78042..78683], rpl16 [complement(83497..83895)],	trnK [1899..4409], rps16 [complement(5569..6437)], trnG [10148..10828], atpF [complement(13227..13921)], rpoC1 [complement(23556..24312)], ycf3 [complement(44275..45027)], ycf3 [complement(45258..45962)], trnL [49004..49477], trnV [53453..54026], clpP [complement(72586..73228)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(84754..84762)], rpl2 [complement(86431..86864)], rpl2 [complement(87540..87930)], ndhB [complement(96710..97465)], ndhB [complement(98145..98921)], trnI [104196..104232], trnI [105180..105214], trnA [105279..105316], trnA [106128..106162], ndhA [complement(121231..121760)], ndhA [complement(122863..123418)], ycf1 [complement(125358..129782)], ycf1 [complement(129869..131044)], trnA [complement(135876..135910)], trnA [complement(136722..136759)], trnI [complement(136824..136858)], trnI [complement(137806..137842)], ndhB [143117..143893], ndhB [144573..145328], rpl2 [154108..154498], rpl2 [155174..155607]	[complement(73521..74339)], petB [77334..78041], rpl16 [complement(83896..84753)], rpl2 [complement(86865..87539)], ndhB [complement(97466..98144)], trnI [104233..105179], trnA [105317..106127], ndhA [complement(121761..122862)], ycf1 [complement(129783..129868)], trnA [complement(135911..136721)], trnI [complement(136859..137805)], ndhB [143894..144572], rpl2 [154499..155173]
1509.	FRHU	67	rps12 [complement(95633..95658)], rps12 [complement(96200..96431)], rps12 [complement(67268..67381)], trnK-UUU [complement(1365..1399)], trnK-UUU [complement(3950..3986)], rps16 [complement(4720..4929)], rps16 [complement(5809..5847)], trnG-GCC [7871..7893], trnG-GCC [8582..8629], atpF [complement(10571..10981)], atpF [complement(11776..11919)], rpoC1 [complement(19777..21399)], rpoC1 [complement(22177..22608)], ycf3 [complement(40148..40306)], ycf3 [complement(41017..41244)], ycf3 [complement(41981..42106)], trnL-UAA [44864..44898], trnL-UAA [45432..45481], trnV-UAC [48920..48956], trnV-UAC [49561..49599], rps12 [137613..137844], rps12 [138386..138411], petB [72435..72440], petB [73262..73903], petD [74109..74114], petD [74879..75370], rpl16 [complement(78884..79294)], rpl16 [complement(80286..80294)], rpl2 [complement(82188..82619)], rpl2 [complement(83294..83680)], ndhB [complement(92618..93373)], ndhB [complement(93988..94797)], trnI-GAU [complement(100360..100401)], trnI-GAU [complement(101333..101367)], trnA-UGC [101431..101468], trnA-UGC [102278..102312], ndhA [complement(117418..117957)], ndhA [complement(118991..119542)], trnA-UGC [complement(131732..131766)], trnA-UGC [complement(132576..132613)], trnI-GAU [complement(132677..132711)], trnI-GAU [complement(133643..133684)], ndhB [139247..140056], ndhB [140671..141426], rpl2 [150364..150750], rpl2 [151425..151856]	trnK-UUU [complement(1400..3949)], rps16 [complement(4930..5808)], trnG-GCC [7894..8581], atpF [complement(10982..11775)], rpoC1 [complement(21400..22176)], ycf3 [complement(40307..41016)], ycf3 [complement(41245..41980)], trnL-UAA [44899..45431], trnV-UAC [48957..49560], petB [72441..73261], petD [74115..74878], rpl16 [complement(79295..80285)], rpl2 [complement(82620..83293)], ndhB [complement(93374..93987)], trnI-GAU [complement(100402..101332)], trnA-UGC [101469..102277], ndhA [complement(117958..118990)], trnA-UGC [complement(131767..132575)], trnI-GAU [complement(132712..133642)], ndhB [140057..140670], rpl2 [150751..151424]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1510.	FRII	69	<p>rps12 [complement(99176..99201)], rps12 [complement(99738..99969)], rps12 [complement(70816..70929)], trnK-UUU [complement(1747..1781)], trnK-UUU [complement(4273..4309)], rps16 [complement(5046..5273)], rps16 [complement(6133..6174)], trnG-GCC [9067..9089], trnG-GCC [9782..9829], rpoC1 [complement(20316..21926)], rpoC1 [complement(22683..23114)], ycf3 [complement(43442..43594)], ycf3 [complement(44371..44598)], ycf3 [complement(45320..45445)], trnL-UAA [48700..48734], trnL-UAA [49155..49204], trnV-UAC [complement(52707..52741)], trnV-UAC [complement(53336..53374)], rps12 [141155..141386], rps12 [141923..141948], clpP [complement(71112..71339)], clpP [complement(72016..72309)], clpP [complement(73145..73213)], petB [76157..76162], petB [76933..77580], petD [77782..77790], petD [78505..78978], rpl16 [complement(82481..82882)], rpl16 [complement(83866..83874)], rpl2 [complement(85624..86058)], rpl2 [complement(86740..87129)], ndhB [complement(96126..96881)], ndhB [complement(97558..98334)], trnI-GAU [103741..103782], trnI-GAU [104734..104768], trnA-UGC [104833..104870], trnA-UGC [105682..105716], ndhA [complement(120744..121283)], ndhA [complement(122451..122993)], trnA-UGC [complement(135408..135442)], trnA-UGC [complement(136254..136291)], trnI-GAU [complement(136356..136390)], trnI-GAU [complement(137342..137383)], ndhB [142790..143566], ndhB [144243..144998], rpl2 [153995..154384], rpl2 [155066..155500]</p>	<p>trnK-UUU [complement(1782..4272)], rps16 [complement(5274..6132)], trnG-GCC [9090..9781], rpoC1 [complement(21927..22682)], ycf3 [complement(43595..44370)], ycf3 [complement(44599..45319)], trnL-UAA [48735..49154], trnV-UAC [complement(52742..53335)], clpP [complement(71340..72015)], clpP [complement(72310..73144)], petB [76163..76932], petD [77791..78504], rpl16 [complement(82883..83865)], rpl2 [complement(86059..86739)], ndhB [complement(96882..97557)], trnI-GAU [103783..104733], trnA-UGC [104871..105681], ndhA [complement(121284..122450)], trnA-UGC [complement(135443..136253)], trnI-GAU [complement(136391..137341)], ndhB [143567..144242], rpl2 [154385..155065]</p>
1511.	FRKA	72	<p>rps12 [complement(95633..95658)], rps12 [complement(96200..96431)], rps12 [complement(67205..67318)], trnK-UUU [complement(1340..1374)], trnK-UUU [complement(4017..4053)], rps16 [complement(4784..4993)], rps16 [complement(5882..5920)], trnG-GCC [8283..8305], trnG-GCC [8994..9041], atpF [complement(10975..11385)], atpF [complement(12164..12307)], rpoC1 [complement(20188..21810)], rpoC1 [complement(22584..23015)], ycf3 [complement(40382..40540)], ycf3 [complement(41250..41477)], ycf3 [complement(42215..42340)], trnL-UAA [45058..45092], trnL-UAA [45643..45692], trnV-UAC [49145..49181], trnV-UAC [49784..49822], rps12 [137547..137778], rps12 [138320..138345], clpP [complement(67410..67661)],</p>	<p>trnK-UUU [complement(1375..4016)], rps16 [complement(4994..5881)], trnG-GCC [8306..8993], atpF [complement(11386..12163)], rpoC1 [complement(21811..22583)], ycf3 [complement(40541..41249)], ycf3 [complement(41478..42214)], trnL-UAA [45093..45642], trnV-UAC [49182..49783], clpP [complement(67662..68239)], clpP [complement(68532..69326)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(68240..68531)], clpP [complement(69327..69397)], petB [72316..72321], petB [73138..73779], petD [73979..73984], petD [74751..75242], rpl16 [complement(78753..79163)], rpl16 [complement(80231..80239)], rpl2 [complement(82171..82602)], rpl2 [complement(83275..83661)], ndhB [complement(92618..93373)], ndhB [complement(93988..94797)], trnI-GAU [complement(100353..100394)], trnI-GAU [complement(101327..101361)], trnA-UGC [101425..101462], trnA-UGC [102273..102307], ndhA [complement(117442..117981)], ndhA [complement(119005..119556)], trnA-UGC [complement(131671..131705)], trnA-UGC [complement(132516..132553)], trnI-GAU [complement(132617..132651)], trnI-GAU [complement(133584..133625)], ndhB [139181..139990], ndhB [140605..141360], rpl2 [150317..150703], rpl2 [151376..151807]</p>	<p>[72322..73137], petD [73985..74750], rpl16 [complement(79164..80230)], rpl2 [complement(82603..83274)], ndhB [complement(93374..93987)], trnI-GAU [complement(100395..101326)], trnA-UGC [101463..102272], ndhA [complement(117982..119004)], trnA-UGC [complement(131706..132515)], trnI-GAU [complement(132652..133583)], ndhB [139991..140604], rpl2 [150704..151375]</p>
1512.	FRLA	66	<p>rps12 [complement(97090..97115)], rps12 [complement(97650..97881)], rps12 [complement(68903..69016)], trnK-UUU [complement(1333..1367)], trnK-UUU [complement(3819..3855)], rps16 [complement(4646..4841)], rps16 [complement(5617..5657)], trnG-UCC [8258..8280], trnG-UCC [9010..9057], atpF [complement(11006..11415)], atpF [complement(12091..12235)], rpoC1 [complement(19579..21189)], rpoC1 [complement(21965..22396)], ycf3 [complement(41696..41848)], ycf3 [complement(42610..42837)], ycf3 [complement(43662..43787)], trnL-UAA [46396..46432], trnL-UAA [46885..46934], trnV-UAC [complement(50604..50638)], trnV-UAC [complement(51230..51268)], rps12 [139463..139694], rps12 [140229..140254], clpP [complement(69159..69386)], clpP [complement(69969..70260)], clpP [complement(71114..71184)], petB [74087..74092], petB [74833..75474], petD [75675..75682], petD [76542..77016], rpl16 [complement(80439..80837)], rpl16 [complement(81781..81789)], ndhB [complement(94034..94789)], ndhB [complement(95469..96245)], trnI-GAU [101766..101802], trnI-GAU [102756..102790], trnA-UGC [102855..102892], trnA-UGC [103671..103705], ndhA [complement(119477..120015)], ndhA [complement(121082..121634)], trnA-UGC [complement(133639..133673)], trnA-UGC</p>	<p>trnK-UUU [complement(1368..3818)], rps16 [complement(4842..5616)], trnG-UCC [8281..9009], atpF [complement(11416..12090)], rpoC1 [complement(21190..21964)], ycf3 [complement(41849..42609)], ycf3 [complement(42838..43661)], trnL-UAA [46433..46884], trnV-UAC [complement(50639..51229)], clpP [complement(69387..69968)], clpP [complement(70261..71113)], petB [74093..74832], petD [75683..76541], rpl16 [complement(80838..81780)], ndhB [complement(94790..95468)], trnI-GAU [101803..102755], trnA-UGC [102893..103670], ndhA [complement(120016..121081)], trnA-UGC [complement(133674..134451)], trnI-GAU [complement(134589..135541)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(134452..134489)], trnI-GAU [complement(134554..134588)], trnI-GAU [complement(135542..135578)], ndhB [141099..141875], ndhB [142555..143310]	[141876..142554]
1513.	FRLN	66	rps12 [complement(99750..99775)], rps12 [complement(100312..100543)], rps12 [complement(72142..72255)], rps16 [complement(5286..5512)], rps16 [complement(6381..6420)], trnG-GCC [10072..10094], trnG-GCC [10774..10821], atpF [complement(12764..13174)], atpF [complement(13871..14014)], rpoC1 [complement(21884..23503)], rpoC1 [complement(24261..24713)], ycf3 [complement(44186..44338)], ycf3 [complement(45094..45323)], ycf3 [complement(46031..46154)], trnL-UAA [49041..49075], trnL-UAA [49550..49599], rps12 [141498..141729], rps12 [142266..142291], clpP [complement(72389..72616)], clpP [complement(73260..73551)], clpP [complement(74365..74435)], petB [77354..77359], petB [78069..78710], petD [78893..78900], petD [79620..80094], rpl16 [complement(83519..83917)], rpl16 [complement(84791..84799)], rpl2 [complement(86467..86900)], rpl2 [complement(87576..87966)], ndhB [complement(96743..97498)], ndhB [complement(98178..98954)], trnI-GAU [104229..104265], trnI-GAU [105213..105247], trnA-UGC [105312..105349], trnA-UGC [106161..106195], ndhA [complement(121263..121792)], ndhA [complement(122888..123443)], trnA-UGC [complement(135846..135880)], trnA-UGC [complement(136692..136729)], trnI-GAU [complement(136794..136828)], trnI-GAU [complement(137776..137812)], ndhB [143087..143863], ndhB [144543..145298], rpl2 [154075..154465], rpl2 [155141..155574]	rps16 [complement(5513..6380)], trnG-GCC [10095..10773], atpF [complement(13175..13870)], rpoC1 [complement(23504..24260)], ycf3 [complement(44339..45093)], ycf3 [complement(45324..46030)], trnL-UAA [49076..49549], clpP [complement(72617..73259)], clpP [complement(73552..74364)], petB [77360..78068], petD [78901..79619], rpl16 [complement(83918..84790)], rpl2 [complement(86901..87575)], ndhB [complement(97499..98177)], trnI-GAU [104266..105212], trnA-UGC [105350..106160], ndhA [complement(121793..122887)], trnA-UGC [complement(135881..136691)], trnI-GAU [complement(136829..137775)], ndhB [143864..144542], rpl2 [154466..155140]
1514.	FRLT	66	rps12 [complement(99790..99815)], rps12 [complement(100352..100583)], rps12 [complement(72213..72326)], rps16 [complement(5287..5513)], rps16 [complement(6392..6431)], trnG-GCC [10090..10112], trnG-GCC [10790..10837], atpF [complement(12776..13186)], atpF [complement(13882..14025)], rpoC1 [complement(21916..23535)], rpoC1 [complement(24293..24745)], ycf3 [complement(44256..44408)], ycf3 [complement(45161..45390)], ycf3 [complement(46098..46221)], trnL-UAA [49092..49126], trnL-UAA [49601..49650], rps12 [141506..141737], rps12	rps16 [complement(5514..6391)], trnG-GCC [10113..10789], atpF [complement(13187..13881)], rpoC1 [complement(23536..24292)], ycf3 [complement(44409..45160)], ycf3 [complement(45391..46097)], trnL-UAA [49127..49600], clpP [complement(72688..73331)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142274..142299], clpP [complement(72460..72687)], clpP [complement(73332..73623)], clpP [complement(74436..74506)], petB [77425..77430], petB [78143..78784], petD [78967..78974], petD [79700..80174], rpl16 [complement(83603..84001)], rpl16 [complement(84868..84876)], rpl2 [complement(86541..86974)], rpl2 [complement(87650..88040)], ndhB [complement(96783..97538)], ndhB [complement(98218..98994)], trnI-GAU [104269..104305], trnI-GAU [105253..105287], trnA-UGC [105352..105389], trnA-UGC [106201..106235], ndhA [complement(121266..121795)], ndhA [complement(122896..123451)], trnA-UGC [complement(135854..135888)], trnA-UGC [complement(136700..136737)], trnI-GAU [complement(136802..136836)], trnI-GAU [complement(137784..137820)], ndhB [143095..143871], ndhB [144551..145306], rpl2 [154049..154439], rpl2 [155115..155548]	[complement(73624..74435)], petB [77431..78142], petD [78975..79699], rpl16 [complement(84002..84867)], rpl2 [complement(86975..87649)], ndhB [complement(97539..98217)], trnI-GAU [104306..105252], trnA-UGC [105390..106200], ndhA [complement(121796..122895)], trnA-UGC [complement(135889..136699)], trnI-GAU [complement(136837..137783)], ndhB [143872..144550], rpl2 [154440..155114]
1515.	FRMA	47	rps12 [complement(99274..99299)], rps12 [complement(99836..100067)], rps12 [complement(70903..71016)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4233..4269)], trnG-GCC [9041..9063], trnG-GCC [9756..9803], rpoC1 [complement(20296..21906)], rpoC1 [complement(22664..23095)], ycf3 [complement(43476..43628)], ycf3 [complement(44433..44660)], ycf3 [complement(45383..45508)], trnL-UAA [48760..48794], trnL-UAA [49215..49264], trnV-UAC [complement(52756..52790)], trnV-UAC [complement(53389..53427)], petB [76219..76224], petB [76995..77642], petD [77844..77852], petD [78567..79040], rpl16 [complement(82565..82966)], rpl16 [complement(83958..83966)], rpl2 [complement(85722..86156)], rpl2 [complement(86838..87227)], ndhB [complement(96224..96979)], ndhB [complement(97656..98432)], trnI-GAU [103840..103881], trnI-GAU [104834..104868], trnA-UGC [104933..104970], trnA-UGC [105782..105816], ndhA [complement(120929..121468)], ndhA [complement(122659..123201)]	trnK-UUU [complement(1735..4232)], trnG-GCC [9064..9755], rpoC1 [complement(21907..22663)], ycf3 [complement(43629..44432)], ycf3 [complement(44661..45382)], trnL-UAA [48795..49214], trnV-UAC [complement(52791..53388)], petB [76225..76994], petD [77853..78566], rpl16 [complement(82967..83957)], rpl2 [complement(86157..86837)], ndhB [complement(96980..97655)], trnI-GAU [103882..104833], trnA-UGC [104971..105781], ndhA [complement(121469..122658)]
1516.	FRME	65	rps12 [complement(95859..95885)], rps12 [complement(96427..96657)], rps12 [complement(67400..67513)], trnK-UUU [complement(1363..1397)], trnK-UUU [complement(3894..3930)], rps16 [complement(4645..4856)], rps16 [complement(5734..5773)], atpF [complement(10814..11224)], atpF	trnK-UUU [complement(1398..3893)], rps16 [complement(4857..5733)], atpF [complement(11225..12017)], rpoC1 [complement(21688..22464)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(12018..12161)], rpoC1 [complement(20063..21687)], rpoC1 [complement(22465..22894)], ycf3 [complement(40341..40499)], ycf3 [complement(41209..41436)], ycf3 [complement(42164..42289)], trnL-UAA [45048..45082], trnL-UAA [45614..45663], trnV-UAC [complement(49086..49122)], trnV-UAC [complement(49726..49764)], rps12 [137320..137562], clpP [complement(67667..67918)], clpP [complement(68512..68803)], clpP [complement(69600..69670)], petB [72599..72604], petB [73431..74087], petD [74293..74300], petD [75060..75555], rpl16 [complement(79118..79528)], rpl16 [complement(80531..80539)], rpl2 [complement(82427..82857)], rpl2 [complement(83534..83918)], ndhB [complement(92862..93617)], ndhB [complement(94265..95041)], trnI-GAU [100581..100622], trnI-GAU [101554..101588], trnA-UGC [101652..101689], trnA-UGC [102500..102534], ndhA [complement(117291..117830)], ndhA [complement(118869..119420)], trnA-UGC [complement(131443..131477)], trnA-UGC [complement(132288..132325)], trnI-GAU [complement(132389..132423)], trnI-GAU [complement(133355..133396)], rpl2 [150059..150443], rpl2 [151120..151550]</p>	<p>[complement(40500..41208)], ycf3 [complement(41437..42163)], trnL-UAA [45083..45613], trnV-UAC [complement(49123..49725)], clpP [complement(67919..68511)], clpP [complement(68804..69599)], petB [72605..73430], petD [74301..75059], rpl16 [complement(79529..80530)], rpl2 [complement(82858..83533)], ndhB [complement(93618..94264)], trnI-GAU [100623..101553], trnA-UGC [101690..102499], ndhA [complement(117831..118868)], trnA-UGC [complement(131478..132287)], trnI-GAU [complement(132424..133354)], rpl2 [150444..151119]</p>
1517.	FRMN	72	<p>rps12 [complement(99716..99741)], rps12 [complement(100278..100509)], rps12 [complement(72125..72238)], trnK-UUU [complement(1868..1903)], trnK-UUU [complement(4451..4475)], rps16 [complement(5354..5568)], rps16 [complement(6449..6488)], trnG-UCC [10146..10168], trnG-UCC [10849..10897], atpF [complement(12835..13244)], atpF [complement(13940..14084)], rpoC1 [complement(21956..23575)], rpoC1 [complement(24333..24764)], ycf3 [complement(44135..44287)], ycf3 [complement(45042..45271)], ycf3 [complement(45979..46102)], trnL-UAA [48980..49016], trnL-UAA [49489..49532], trnV-UAC [complement(53421..53457)], trnV-UAC [complement(54031..54068)], rps12 [141436..141667], rps12 [142204..142229], clpP [complement(72372..72599)], clpP [complement(73243..73534)], clpP [complement(74350..74420)], petB [77338..77343], petB [78055..78696], petD [78952..78959], petD [79606..80080], rpl16 [complement(83502..83900)], rpl16</p>	<p>trnK-UUU [complement(1904..4450)], rps16 [complement(5569..6448)], trnG-UCC [10169..10848], atpF [complement(13245..13939)], rpoC1 [complement(23576..24332)], ycf3 [complement(44288..45041)], ycf3 [complement(45272..45978)], trnL-UAA [49017..49488], trnV-UAC [complement(53458..54030)], clpP [complement(72600..73242)], clpP [complement(73535..74349)], petB [77344..78054], petD [78960..79605], rpl16 [complement(83901..84758)], rpl2 [complement(86864..87538)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84759..84767)], rpl2 [complement(86430..86863)], rpl2 [complement(87539..87929)], ndhB [complement(96709..97464)], ndhB [complement(98144..98920)], trnI-GAU [104195..104231], trnI-GAU [105171..105205], trnA-UGC [105270..105307], trnA-UGC [106119..106153], ndhA [complement(121216..121745)], ndhA [complement(122850..123405)], trnA-UGC [complement(135792..135826)], trnA-UGC [complement(136638..136675)], trnI-GAU [complement(136740..136774)], trnI-GAU [complement(137714..137750)], ndhB [143025..143801], ndhB [144481..145236], rpl2 [154016..154406], rpl2 [155082..155515]	[complement(97465..98143)], trnI-GAU [104232..105170], trnA-UGC [105308..106118], ndhA [complement(121746..122849)], trnA-UGC [complement(135827..136637)], trnI-GAU [complement(136775..137713)], ndhB [143802..144480], rpl2 [154407..155081]
1518.	FRNI	54	rps12 [complement(97320..97345)], rps12 [complement(97882..98113)], rps12 [complement(69262..69375)], rps16 [complement(4966..5193)], rps16 [complement(6062..6103)], rpoC1 [complement(19918..21528)], ycf3 [complement(42548..42700)], trnL-UAA [47531..47567], trnL-UAA [47986..48035], trnV-UAC [complement(51520..51556)], trnV-UAC [complement(52153..52191)], rps12 [134188..134419], rps12 [134956..134981], clpP [complement(69559..69786)], petB [74356..74361], petB [75131..75778], petD [75980..75988], petD [76703..77176], rpl16 [complement(80704..81105)], rpl16 [complement(82005..82013)], rpl2 [complement(83763..84197)], rpl2 [complement(84876..85268)], ndhB [complement(94270..95025)], trnI-GAU [101794..101835], trnI-GAU [102788..102822], trnA-UGC [102887..102924], trnA-UGC [103735..103769], ndhA [complement(117871..118410)], trnA-UGC [complement(128542..128576)], trnA-UGC [complement(129387..129424)], trnI-GAU [complement(129489..129523)], trnI-GAU [complement(130476..130517)], rpl2 [147033..147425], rpl2 [148104..148538]	rps16 [complement(5194..6061)], rpoC1 [complement(21529..22284)], ycf3 [complement(42701..43507)], ycf3 [complement(43736..44457)], trnL-UAA [47568..47985], trnV-UAC [complement(51557..52152)], clpP [complement(69787..70444)], clpP [complement(70739..71342)], petB [74362..75130], petD [75989..76702], rpl16 [complement(81106..82004)], rpl2 [complement(84198..84875)], ndhB [complement(95026..95701)], trnI-GAU [101836..102787], trnA-UGC [102925..103734], ndhA [complement(118411..119433)], trnA-UGC [complement(128577..129386)], trnI-GAU [complement(129524..130475)], ndhB [136600..137275], rpl2 [147426..148103]
1519.	FROR	56	rps12 [complement(96778..96803)], rps12 [complement(97340..97571)], rps12 [complement(68966..69079)], rps16 [complement(4861..5088)], rps16 [complement(5956..5997)], rpoC1 [complement(19652..21262)], rpoC1 [complement(22019..22450)], ycf3 [complement(42426..42578)], trnL-UAA [47329..47365], trnL-UAA [47784..47833], trnV-UAC	rps16 [complement(5089..5955)], rpoC1 [complement(21263..22018)], ycf3 [complement(42579..43383)], ycf3 [complement(43612..44332)], trnL-UAA [47366..47783], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51316..51352)], trnV-UAC [complement(51949..51987)], rps12 [133428..133659], rps12 [134196..134221], clpP [complement(69262..69489)], clpP [complement(70147..70449)], petB [73983..73988], petB [74758..75405], petD [75607..75615], petD [76330..76803], rpl16 [complement(80327..80728)], rpl16 [complement(81529..81537)], rpl2 [complement(83287..83721)], rpl2 [complement(84400..84792)], ndhB [complement(93728..94483)], trnI-GAU [101272..101313], trnI-GAU [102267..102301], trnA-UGC [102366..102403], trnA-UGC [103215..103249], ndhA [complement(117183..117722)], trnA-UGC [complement(127785..127819)], trnA-UGC [complement(128631..128668)], trnI-GAU [complement(128733..128767)], trnI-GAU [complement(129721..129762)], ndhB [136516..137271], rpl2 [146276..146668], rpl2 [147347..147781]	[complement(51353..51948)], clpP [complement(69490..70146)], petB [73989..74757], petD [75616..76329], rpl16 [complement(80729..81528)], rpl2 [complement(83722..84399)], ndhB [complement(94484..95159)], trnI-GAU [101314..102266], trnA-UGC [102404..103214], ndhA [complement(117723..118598)], trnA-UGC [complement(127820..128630)], trnI-GAU [complement(128768..129720)], ndhB [135840..136515], rpl2 [146669..147346]
1520.	FRPA	72	rps12 [complement(95540..95565)], rps12 [complement(96107..96338)], rps12 [complement(67117..67230)], trnK-UUU [complement(1345..1379)], trnK-UUU [complement(3917..3953)], rps16 [complement(4633..4842)], rps16 [complement(5722..5760)], trnG-GCC [7787..7809], trnG-GCC [8500..8547], atpF [complement(10495..10905)], atpF [complement(11700..11843)], rpoC1 [complement(19700..21322)], rpoC1 [complement(22106..22537)], ycf3 [complement(40059..40217)], ycf3 [complement(40927..41154)], ycf3 [complement(41881..42006)], trnL-UAA [44782..44816], trnL-UAA [45351..45400], trnV-UAC [48846..48882], trnV-UAC [49485..49523], rps12 [137514..137745], rps12 [138287..138312], clpP [complement(67390..67641)], clpP [complement(68230..68521)], clpP [complement(69295..69365)], petB [72292..72297], petB [73127..73768], petD [73974..73979], petD [74745..75236], rpl16 [complement(78753..79163)], rpl16 [complement(80158..80166)], rpl2 [complement(82070..82501)], rpl2 [complement(83176..83562)], ndhB [complement(92525..93280)], ndhB [complement(93895..94704)], trnI-GAU [complement(100267..100308)], trnI-GAU [complement(101241..101275)], trnA-UGC [101339..101376], trnA-UGC [102187..102221], ndhA [complement(117304..117843)], ndhA [complement(118874..119425)], trnA-UGC [complement(131631..131665)],	trnK-UUU [complement(1380..3916)], rps16 [complement(4843..5721)], trnG-GCC [7810..8499], atpF [complement(10906..11699)], rpoC1 [complement(21323..22105)], ycf3 [complement(40218..40926)], ycf3 [complement(41155..41880)], trnL-UAA [44817..45350], trnV-UAC [48883..49484], clpP [complement(67642..68229)], clpP [complement(68522..69294)], petB [72298..73126], petD [73980..74744], rpl16 [complement(79164..80157)], rpl2 [complement(82502..83175)], ndhB [complement(93281..93894)], trnI-GAU [complement(100309..101240)], trnA-UGC [101377..102186], ndhA [complement(117844..118873)], trnA-UGC [complement(131666..132475)], trnI-GAU [complement(132612..133543)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(132476..132513)], trnI-GAU [complement(132577..132611)], trnI-GAU [complement(133544..133585)], ndhB [139148..139957], ndhB [140572..141327], rpl2 [150290..150676], rpl2 [151351..151782]	[139958..140571], rpl2 [150677..151350]
1521.	FRPE	54	rps12 [complement(99178..99203)], rps12 [complement(99740..99971)], rps12 [complement(70810..70923)], rpoC1 [complement(20262..21872)], rpoC1 [complement(22629..23060)], ycf3 [complement(43449..43601)], trnL-UAA [48730..48766], trnL-UAA [49184..49233], trnV-UAC [complement(52708..52744)], trnV-UAC [complement(53340..53378)], rps12 [141242..141473], rps12 [142010..142035], clpP [complement(71107..71334)], petB [76127..76132], petB [76902..77549], petD [77751..77759], petD [78474..78947], rpl16 [complement(82472..82873)], rpl16 [complement(83868..83876)], rpl2 [complement(85626..86060)], rpl2 [complement(86739..87131)], ndhB [complement(96128..96883)], trnI-GAU [103743..103784], trnI-GAU [104737..104771], trnA-UGC [104836..104873], trnA-UGC [105684..105718], ndhA [complement(120809..121348)], trnA-UGC [complement(135495..135529)], trnA-UGC [complement(136340..136377)], trnI-GAU [complement(136442..136476)], trnI-GAU [complement(137429..137470)], ndhB [144330..145085], rpl2 [154082..154474], rpl2 [155153..155587]	rps16 [complement(5277..6145)], rpoC1 [complement(21873..22628)], ycf3 [complement(43602..44408)], ycf3 [complement(44637..45358)], trnL-UAA [48767..49183], trnV-UAC [complement(52745..53339)], clpP [complement(71335..71993)], clpP [complement(72288..73113)], petB [76133..76901], petD [77760..78473], rpl16 [complement(82874..83867)], rpl2 [complement(86061..86738)], ndhB [complement(96884..97559)], trnI-GAU [103785..104736], trnA-UGC [104874..105683], ndhA [complement(121349..122537)], trnA-UGC [complement(135530..136339)], trnI-GAU [complement(136477..137428)], ndhB [143654..144329], rpl2 [154475..155152]
1522.	FRPN	40	rps12 [complement(99691..99716)], rps12 [complement(100253..100484)], rps12 [complement(72073..72186)], rpoC1 [complement(21913..23532)], rpoC1 [complement(24290..24721)], ycf3 [complement(44100..44252)], ycf3 [complement(45009..45238)], rps12 [141449..141680], rps12 [142217..142242], clpP [complement(72320..72548)], clpP [complement(73192..73482)], petB [77289..77294], petB [78001..78642], rpl16 [complement(83467..83865)], rpl16 [complement(84725..84733)], ycf1 [complement(125276..129703)], ycf1 [complement(129790..130965)]	trnK-UUU [complement(1897..4390)], rps16 [complement(5541..6423)], trnG-UCC [10122..10801], atpF [complement(13200..13894)], rpoC1 [complement(23533..24289)], ycf3 [complement(44253..45008)], ycf3 [complement(45239..45943)], trnL-UAA [48985..49456], trnV-UAC [complement(53428..54000)], clpP [complement(72549..73191)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(73483..74299)], petB [77295..78000], rpl16 [complement(83866..84724)], rpl2 [complement(86839..87513)], ndhB [complement(97440..98118)], trnI-GAU [104212..105153], trnA-UGC [105291..106101], ndhA [complement(121680..122783)], ycf1 [complement(129704..129789)], trnA-UGC [complement(135832..136642)], trnI [complement(136780..137721)], ndhB [143815..144493], rpl2 [154420..155094]
1523.	FRPR	65	rps12 [complement(95335..95361)], rps12 [complement(95903..96133)], rps12 [complement(67067..67180)], trnK-UUU [complement(1362..1396)], trnK-UUU [complement(3953..3989)], rps16 [complement(4731..4942)], rps16 [complement(5822..5861)], atpF [complement(10478..10888)], atpF [complement(11682..11825)], rpoC1 [complement(19700..21324)], rpoC1 [complement(22103..22532)], ycf3 [complement(39958..40116)], ycf3 [complement(40826..41053)], ycf3 [complement(41778..41903)], trnL-UAA [44677..44711], trnL-UAA [45243..45292], trnV-UAC [complement(48715..48751)], trnV-UAC [complement(49354..49392)], rps12 [137305..137547], clpP [complement(67334..67585)], clpP [complement(68171..68462)], clpP [complement(69233..69303)], petB [72231..72236], petB [73044..73700], petD [73906..73913], petD [74678..75173], rpl16 [complement(78674..79084)], rpl16 [complement(80012..80020)], rpl2 [complement(81926..82356)], rpl2 [complement(83027..83411)], ndhB [complement(92320..93075)], ndhB [complement(93723..94499)], trnI-GAU [100062..100103], trnI-GAU [101036..101070], trnA-UGC [101134..101171], trnA-UGC [101982..102016], ndhA [complement(117115..117654)], ndhA [complement(118674..119225)], trnA-UGC [complement(131422..131456)], trnA-UGC [complement(132267..132304)], trnI-GAU [complement(132368..132402)],	trnK-UUU [complement(1397..3952)], rps16 [complement(4943..5821)], atpF [complement(10889..11681)], rpoC1 [complement(21325..22102)], ycf3 [complement(40117..40825)], ycf3 [complement(41054..41777)], trnL-UAA [44712..45242], trnV-UAC [complement(48752..49353)], clpP [complement(67586..68170)], clpP [complement(68463..69232)], petB [72237..73043], petD [73914..74677], rpl16 [complement(79085..80011)], rpl2 [complement(82357..83026)], ndhB [complement(93076..93722)], trnI-GAU [100104..101035], trnA-UGC [101172..101981], ndhA [complement(117655..118673)], trnA-UGC [complement(131457..132266)], trnI-GAU [complement(132403..133334)], rpl2 [150412..151081]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(133335..133376)], rpl2 [150027..150411], rpl2 [151082..151512]	
1524.	FRPU	69	rps12 [complement(96877..96902)], rps12 [complement(97437..97668)], rps12 [complement(68768..68881)], trnH-GUG [complement(154763..154764)], trnH-GUG [complement(1..72)], trnK-UUU [complement(1460..1494)], trnK-UUU [complement(3946..3982)], rps16 [complement(4737..4932)], rps16 [complement(5708..5748)], trnG-UCC [8318..8340], trnG-UCC [9061..9108], atpF [complement(11027..11436)], atpF [complement(12097..12241)], rpoC1 [complement(19585..21195)], rpoC1 [complement(21968..22399)], ycf3 [complement(41612..41764)], ycf3 [complement(42526..42753)], ycf3 [complement(43578..43703)], trnL-UAA [46254..46290], trnL-UAA [46743..46792], trnV-UAC [complement(50453..50487)], trnV-UAC [complement(51079..51117)], rps12 [139461..139692], rps12 [140227..140252], clpP [complement(69024..69251)], clpP [complement(69839..70130)], clpP [complement(70985..71055)], petB [73961..73966], petB [74707..75348], petD [75551..75558], petD [76322..76796], rpl16 [complement(80223..80621)], rpl16 [complement(81569..81577)], ndhB [complement(93821..94576)], ndhB [complement(95256..96032)], trnI-GAU [101552..101588], trnI-GAU [102542..102576], trnA-UGC [102641..102678], trnA-UGC [103455..103489], ndhA [complement(119448..119986)], ndhA [complement(121046..121598)], trnA-UGC [complement(133640..133674)], trnA-UGC [complement(134451..134488)], trnI-GAU [complement(134553..134587)], trnI-GAU [complement(135541..135577)], ndhB [141097..141873], ndhB [142553..143308]	trnH-GUG [complement(154765..0)], trnK-UUU [complement(1495..3945)], rps16 [complement(4933..5707)], trnG-UCC [8341..9060], atpF [complement(11437..12096)], rpoC1 [complement(21196..21967)], ycf3 [complement(41765..42525)], ycf3 [complement(42754..43577)], trnL-UAA [46291..46742], trnV-UAC [complement(50488..51078)], clpP [complement(69252..69838)], clpP [complement(70131..70984)], petB [73967..74706], petD [75559..76321], rpl16 [complement(80622..81568)], ndhB [complement(94577..95255)], trnI-GAU [101589..102541], trnA-UGC [102679..103454], ndhA [complement(119987..121045)], trnA-UGC [complement(133675..134450)], trnI-GAU [complement(134588..135540)], ndhB [141874..142552]
1525.	FRPZ	28	rps12 [complement(67234..67347)], rpoC1 [complement(19813..21435)], rpoC1 [complement(22219..22650)], trnL-UAA [44881..44915], rps12 [138312..138337]	trnK-UUU [complement(1493..4049)], rps16 [complement(5002..5880)], trnG-GCC [7944..8633], atpF [complement(11036..11818)], rpoC1 [complement(21436..22218)], ycf3 [complement(40316..41024)], ycf3 [complement(41253..41990)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[44916..45448], trnV-UAC [complement(48979..49580)], clpP [complement(67753..68336)], clpP [complement(68628..69399)], petB [72400..73228], petD [74087..74851], rpl16 [complement(79244..80241)], rpl2 [complement(82563..83235)], ndhB [complement(93322..93968)], trnI-GAU [100340..101277], trnA-UGC [101414..102223], ndhA [complement(117882..118916)], trnA-UGC [complement(131695..132504)], trnI-GAU [complement(132641..133578)], ndhB [139950..140596], rpl2 [150683..151355]
1526.	FRQU	66	rps12 [complement(99730..99755)], rps12 [complement(100292..100523)], rps12 [complement(72147..72260)], rps16 [complement(5297..5523)], rps16 [complement(6391..6430)], trnG-GCC [10076..10098], trnG-GCC [10776..10823], atpF [complement(12763..13173)], atpF [complement(13869..14012)], rpoC1 [complement(21893..23512)], rpoC1 [complement(24272..24724)], ycf3 [complement(44213..44365)], ycf3 [complement(45118..45347)], ycf3 [complement(46053..46176)], trnL-UAA [49044..49078], trnL-UAA [49553..49602], rps12 [141422..141653], rps12 [142190..142215], clpP [complement(72394..72621)], clpP [complement(73264..73555)], clpP [complement(74368..74438)], petB [77356..77361], petB [78066..78707], petD [78890..78897], petD [79621..80095], rpl16 [complement(83518..83916)], rpl16 [complement(84783..84791)], rpl2 [complement(86460..86893)], rpl2 [complement(87569..87959)], ndhB [complement(96723..97478)], ndhB [complement(98158..98934)], trnI-GAU [104209..104245], trnI-GAU [105185..105219], trnA-UGC [105284..105321], trnA-UGC [106133..106167], ndhA [complement(121200..121729)], ndhA [complement(122830..123385)], trnA-UGC [complement(135778..135812)], trnA-UGC	rps16 [complement(5524..6390)], trnG-GCC [10099..10775], atpF [complement(13174..13868)], rpoC1 [complement(23513..24271)], ycf3 [complement(44366..45117)], ycf3 [complement(45348..46052)], trnL-UAA [49079..49552], clpP [complement(72622..73263)], clpP [complement(73556..74367)], petB [77362..78065], petD [78898..79620], rpl16 [complement(83917..84782)], rpl2 [complement(86894..87568)], ndhB [complement(97479..98157)], trnI-GAU [104246..105184], trnA-UGC [105322..106132], ndhA [complement(121730..122829)], trnA-UGC [complement(135813..136623)], trnI-GAU [complement(136761..137699)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136624..136661)], trnI-GAU [complement(136726..136760)], trnI-GAU [complement(137700..137736)], ndhB [143011..143787], ndhB [144467..145222], rpl2 [153986..154376], rpl2 [155052..155485]	[143788..144466], rpl2 [154377..155051]
1527.	FRSC	28	rps12 [complement(67234..67347)], rpoC1 [complement(19889..21511)], rpoC1 [complement(22289..22720)], trnL-UAA [44920..44954], rps12 [138293..138318]	trnK-UUU [complement(1494..4053)], rps16 [complement(5029..5908)], trnG-GCC [7978..8661], atpF [complement(11111..11890)], rpoC1 [complement(21512..22288)], ycf3 [complement(40380..41088)], ycf3 [complement(41317..42057)], trnL-UAA [44955..45487], trnV-UAC [complement(49005..49606)], clpP [complement(67753..68339)], clpP [complement(68631..69407)], petB [72408..73228], petD [74082..74840], rpl16 [complement(79223..80212)], rpl2 [complement(82545..83216)], ndhB [complement(93297..93944)], trnI-GAU [100316..101254], trnA-UGC [101391..102200], ndhA [complement(117870..118902)], trnA-UGC [complement(131675..132484)], trnI-GAU [complement(132621..133559)], ndhB [139931..140578], rpl2 [150659..151330]
1528.	FRSI	28	rps12 [complement(67291..67404)], rpoC1 [complement(19799..21421)], rpoC1 [complement(22205..22636)], trnL-UAA [44893..44927], rps12 [138393..138418]	trnK-UUU [complement(1493..4046)], rps16 [complement(4993..5871)], trnG-GCC [7933..8622], atpF [complement(11025..11808)], rpoC1 [complement(21422..22204)], ycf3 [complement(40312..41020)], ycf3 [complement(41249..41987)], trnL-UAA [44928..45460], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(48991..49592)], clpP [complement(67810..68394)], clpP [complement(68686..69459)], petB [72460..73277], petD [74136..74905], rpl16 [complement(79298..80299)], rpl2 [complement(82646..83318)], ndhB [complement(93405..94051)], trnI-GAU [100423..101360], trnA-UGC [101497..102306], ndhA [complement(117961..118995)], trnA-UGC [complement(131776..132585)], trnI-GAU [complement(132722..133659)], ndhB [140031..140677], rpl2 [150764..151436]
1529.	FRSO	37	rps12 [complement(71376..71489)], trnK-UUU [complement(1756..1784)], trnK-UUU [complement(4318..4354)], trnL-UAA [48509..48545], trnL-UAA [49032..49081], trnV-UAC [complement(53075..53111)], trnV-UAC [complement(53703..53740)], rps12 [143440..143465], trnI-GAU [104568..104610], trnI-GAU [105559..105593], trnA-UGC [105658..105695], trnA-UGC [106538..106572], trnA-UGC [complement(136717..136751)], trnA-UGC [complement(137594..137631)], trnI-GAU [complement(137696..137730)], trnI-GAU [complement(138679..138721)]	trnK-UUU [complement(1785..4317)], rps16 [complement(5562..6422)], atpF [complement(12032..12777)], rpoC1 [complement(22415..23168)], ycf3 [complement(43279..44043)], ycf3 [complement(44272..45030)], trnL-UAA [48546..49031], trnV-UAC [complement(53112..53702)], clpP [complement(71896..72565)], clpP [complement(72858..73662)], petB [76624..77415], petD [78262..78994], rpl16 [complement(83364..84356)], rpl2 [complement(86476..87160)], ndhB [complement(97510..98190)], trnI-GAU [104611..105558], trnA-UGC [105696..106537], ndhA [complement(122602..123724)], trnA-UGC [complement(136752..137593)], trnI-GAU [complement(137731..138678)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[145099..145779]
1530.	FRTA	27	trnG-GCC [7867..7890], trnG-GCC [8578..8625], rps12 [137942..137967], ndhB [complement(93587..94362)]	trnK-UUU [complement(1415..3968)], rps16 [complement(4940..5809)], trnG-GCC [7891..8577], atpF [complement(10978..11760)], rpoC1 [complement(21372..22148)], ycf3 [complement(40036..40739)], ycf3 [complement(40968..41707)], trnL-UAA [44647..45179], trnV-UAC [complement(48701..49302)], clpP [complement(67350..67937)], clpP [complement(68229..69005)], petB [72006..72828], petD [73682..74449], rpl16 [complement(78844..79837)], rpl2 [complement(82178..82851)], ndhB [complement(92939..93586)], trnI-GAU [99963..100894], trnA-UGC [101031..101840], ndhA [complement(117514..118545)], trnA-UGC [complement(131325..132134)], trnI-GAU [complement(132271..133202)], ndhB [139580..140227], rpl2 [150314..150987]
1531.	FRTH	72	rps12 [complement(95627..95652)], rps12 [complement(96194..96425)], rps12 [complement(67269..67382)], trnK-UUU [complement(1363..1397)], trnK-UUU [complement(3953..3989)], rps16 [complement(4717..4926)], rps16 [complement(5807..5845)], trnG-UCC [7865..7887], trnG-UCC [8587..8623], atpF [complement(10566..10976)], atpF [complement(11768..11911)], rpoC1 [complement(19760..21382)], rpoC1 [complement(22166..22597)], ycf3 [complement(40156..40314)], ycf3 [complement(41029..41256)], ycf3 [complement(41988..42113)], trnL-UAA [44868..44902], trnL-UAA [45436..45485], trnV-UAC [complement(48925..48961)], trnV-UAC [complement(49564..49602)], rps12 [137621..137852], rps12	trnK-UUU [complement(1398..3952)], rps16 [complement(4927..5806)], trnG-UCC [7888..8586], atpF [complement(10977..11767)], rpoC1 [complement(21383..22165)], ycf3 [complement(40315..41028)], ycf3 [complement(41257..41987)], trnL-UAA [44903..45435], trnV-UAC [complement(48962..49563)], clpP [complement(67788..68376)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[138394..138419], clpP [complement(67536..67787)], clpP [complement(68377..68668)], clpP [complement(69439..69509)], petB [72435..72440], petB [73275..73916], petD [74122..74127], petD [74893..75384], rpl16 [complement(78874..79284)], rpl16 [complement(80277..80285)], rpl2 [complement(82182..82613)], rpl2 [complement(83288..83680)], ndhB [complement(92612..93367)], ndhB [complement(93982..94791)], trnI-GAU [100354..100395], trnI-GAU [101328..101362], trnA-UGC [101426..101463], trnA-UGC [102274..102308], ndhA [complement(117413..117952)], ndhA [complement(118991..119542)], trnA-UGC [complement(131738..131772)], trnA-UGC [complement(132583..132620)], trnI-GAU [complement(132684..132718)], trnI-GAU [complement(133651..133692)], ndhB [139255..140064], ndhB [140679..141434], rpl2 [150366..150758], rpl2 [151433..151864]	[complement(68669..69438)], petB [72441..73274], petD [74128..74892], rpl16 [complement(79285..80276)], rpl2 [complement(82614..83287)], ndhB [complement(93368..93981)], trnI-GAU [100396..101327], trnA-UGC [101464..102273], ndhA [complement(117953..118990)], trnA-UGC [complement(131773..132582)], trnI-GAU [complement(132719..133650)], ndhB [140065..140678], rpl2 [150759..151432]
1532.	FRTO	72	rps12 [complement(95513..95538)], rps12 [complement(96080..96311)], rps12 [complement(67121..67234)], trnK-UUU [complement(1367..1401)], trnK-UUU [complement(3939..3975)], rps16 [complement(4644..4853)], rps16 [complement(5734..5772)], trnG-GCC [7774..7796], trnG-GCC [8488..8535], atpF [complement(10477..10887)], atpF [complement(11673..11816)], rpoC1 [complement(19665..21287)], rpoC1 [complement(22077..22508)], ycf3 [complement(39990..40148)], ycf3 [complement(40864..41091)], ycf3 [complement(41819..41944)], trnL-UAA [44718..44752], trnL-UAA [45287..45336], trnV-UAC [48777..48813], trnV-UAC [49416..49454], rps12 [137473..137704], rps12 [138246..138271], clpP [complement(67394..67645)], clpP [complement(68239..68530)], clpP [complement(69308..69378)], petB [72305..72310], petB [73143..73784], petD [73990..73995], petD [74761..75252], rpl16 [complement(78750..79160)], rpl16 [complement(80154..80162)], rpl2 [complement(82068..82499)], rpl2 [complement(83173..83559)], ndhB [complement(92498..93253)], ndhB [complement(93868..94677)], trnI-GAU [complement(100240..100281)], trnI-GAU [complement(101214..101248)], trnA-UGC [101312..101349], trnA-UGC [102160..102194], ndhA [complement(117278..117817)], ndhA [complement(118845..119396)], trnA-UGC [complement(131590..131624)],	trnK-UUU [complement(1402..3938)], rps16 [complement(4854..5733)], trnG-GCC [7797..8487], atpF [complement(10888..11672)], rpoC1 [complement(21288..22076)], ycf3 [complement(40149..40863)], ycf3 [complement(41092..41818)], trnL-UAA [44753..45286], trnV-UAC [48814..49415], clpP [complement(67646..68238)], clpP [complement(68531..69307)], petB [72311..73142], petD [73996..74760], rpl16 [complement(79161..80153)], rpl2 [complement(82500..83172)], ndhB [complement(93254..93867)], trnI-GAU [complement(100282..101213)], trnA-UGC [101350..102159], ndhA [complement(117818..118844)], trnA-UGC [complement(131625..132434)], trnI-GAU [complement(132571..133502)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(132435..132472)], trnI-GAU [complement(132536..132570)], trnI-GAU [complement(133503..133544)], ndhB [139107..139916], ndhB [140531..141286], rpl2 [150225..150611], rpl2 [151285..151716]	[139917..140530], rpl2 [150612..151284]
1533.	FRUN	28	rps12 [complement(66737..66850)], rpoC1 [complement(19771..21393)], rpoC1 [complement(22171..22602)], trnL-UAA [44807..44841], rps12 [137552..137577]	trnK-UUU [complement(1399..3958)], rps16 [complement(4942..5815)], trnG-GCC [7905..8589], atpF [complement(10992..11771)], rpoC1 [complement(21394..22170)], ycf3 [complement(40253..40961)], ycf3 [complement(41190..41934)], trnL-UAA [44842..45374], trnV-UAC [complement(48887..49488)], clpP [complement(67256..67845)], clpP [complement(68137..68908)], petB [71909..72729], petD [73583..74341], rpl16 [complement(78734..79722)], rpl2 [complement(82063..82734)], ndhB [complement(92561..93208)], trnI-GAU [99580..100517], trnA-UGC [100654..101463], ndhA [complement(117124..118156)], trnA-UGC [complement(130935..131744)], trnI-GAU [complement(131881..132818)], ndhB [139190..139837], rpl2 [149664..150335]
1534.	FRUS	72	rps12 [complement(95437..95462)], rps12 [complement(96004..96235)], rps12 [complement(67011..67124)], trnK-UUU [complement(1356..1390)], trnK-UUU [complement(4002..4038)], rps16 [complement(4685..4894)], rps16 [complement(5775..5813)], trnG-UCC [8154..8176], trnG-UCC [8876..8912], atpF [complement(10887..11297)], atpF [complement(12087..12230)], rpoC1 [complement(20133..21755)], rpoC1 [complement(22524..22955)], ycf3 [complement(40197..40355)], ycf3 [complement(41065..41292)], ycf3	trnK-UUU [complement(1391..4001)], rps16 [complement(4895..5774)], trnG-UCC [8177..8875], atpF [complement(11298..12086)], rpoC1 [complement(21756..22523)], ycf3 [complement(40356..41064)], ycf3 [complement(41293..42023)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42024..42149)], trnL-UAA [44984..45018], trnL-UAA [45550..45599], trnV-UAC [complement(49026..49062)], trnV-UAC [complement(49665..49703)], rps12 [137022..137253], rps12 [137795..137820], clpP [complement(67278..67529)], clpP [complement(68121..68412)], clpP [complement(69206..69276)], petB [72198..72203], petB [73031..73672], petD [73878..73883], petD [74654..75145], rpl16 [complement(78702..79112)], rpl16 [complement(80107..80115)], rpl2 [complement(82030..82461)], rpl2 [complement(83134..83526)], ndhB [complement(92440..93195)], ndhB [complement(93810..94619)], trnI-GAU [100168..100209], trnI-GAU [101141..101175], trnA-UGC [101239..101276], trnA-UGC [102087..102121], ndhA [complement(116898..117437)], ndhA [complement(118472..119023)], trnA-UGC [complement(131136..131170)], trnA-UGC [complement(131981..132018)], trnI-GAU [complement(132082..132116)], trnI-GAU [complement(133048..133089)], ndhB [138638..139447], ndhB [140062..140817], rpl2 [149731..150123], rpl2 [150796..151227]	[45019..45549], trnV-UAC [complement(49063..49664)], clpP [complement(67530..68120)], clpP [complement(68413..69205)], petB [72204..73030], petD [73884..74653], rpl16 [complement(79113..80106)], rpl2 [complement(82462..83133)], ndhB [complement(93196..93809)], trnI-GAU [100210..101140], trnA-UGC [101277..102086], ndhA [complement(117438..118471)], trnA-UGC [complement(131171..131980)], trnI-GAU [complement(132117..133047)], ndhB [139448..140061], rpl2 [150124..150795]
1535.	FRVE	55	rps12 [complement(99262..99287)], rps12 [complement(99824..100055)], rps12 [complement(70899..71012)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4233..4269)], rps16 [complement(5019..5246)], rps16 [complement(6115..6156)], trnG-GCC [9041..9063], trnG-GCC [9756..9803], rpoC1 [complement(20284..21894)], rpoC1 [complement(22651..23082)], ycf3 [complement(43491..43643)], ycf3 [complement(44448..44675)], ycf3 [complement(45398..45523)], trnL-UAA [48776..48810], trnL-UAA [49231..49280], trnV-UAC [complement(52760..52794)], trnV-UAC [complement(53393..53431)], clpP [complement(71196..71423)], clpP [complement(72084..72377)], clpP [complement(73203..73271)], petB [76215..76220], petB [76992..77639], petD [77841..77849], petD [78564..79037], rpl16 [complement(82561..82962)], rpl16 [complement(83954..83962)], rpl2 [complement(85718..86152)], rpl2 [complement(86834..87223)], ndhB [complement(96212..96967)], ndhB [complement(97644..98420)], trnI-GAU [103828..103869], trnI-GAU [104822..104856], trnA-UGC [104921..104958], trnA-UGC [105770..105804],	trnK-UUU [complement(1735..4232)], rps16 [complement(5247..6114)], trnG-GCC [9064..9755], rpoC1 [complement(21895..22650)], ycf3 [complement(43644..44447)], ycf3 [complement(44676..45397)], trnL-UAA [48811..49230], trnV-UAC [complement(52795..53392)], clpP [complement(71424..72083)], clpP [complement(72378..73202)], petB [76221..76991], petD [77850..78563], rpl16 [complement(82963..83953)], rpl2 [complement(86153..86833)], ndhB [complement(96968..97643)], trnI-GAU [103870..104821], trnA-UGC [104959..105769], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(120908..121447)], ndhA [complement(122638..123180)]	[complement(121448..122637)]
1536.	FRVI	69	rps12 [complement(99185..99210)], rps12 [complement(99747..99978)], rps12 [complement(70843..70956)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4264..4300)], rps16 [complement(5049..5276)], rps16 [complement(6133..6174)], trnG-GCC [9046..9068], trnG-GCC [9761..9808], rpoC1 [complement(20269..21879)], rpoC1 [complement(22636..23067)], ycf3 [complement(43458..43610)], ycf3 [complement(44416..44643)], ycf3 [complement(45365..45490)], trnL-UAA [48742..48776], trnL-UAA [49197..49246], trnV-UAC [complement(52726..52760)], trnV-UAC [complement(53359..53397)], rps12 [141230..141461], rps12 [141998..142023], clpP [complement(71141..71368)], clpP [complement(72029..72322)], clpP [complement(73148..73216)], petB [76160..76165], petB [76936..77583], petD [77785..77793], petD [78508..78981], rpl16 [complement(82490..82891)], rpl16 [complement(83883..83891)], rpl2 [complement(85641..86075)], rpl2 [complement(86757..87146)], ndhB [complement(96135..96890)], ndhB [complement(97567..98343)], trnI-GAU [103751..103792], trnI-GAU [104745..104779], trnA-UGC [104844..104881], trnA-UGC [105693..105727], ndhA [complement(120801..121340)], ndhA [complement(122530..123072)], trnA-UGC [complement(135481..135515)], trnA-UGC [complement(136327..136364)], trnI-GAU [complement(136429..136463)], trnI-GAU [complement(137416..137457)], ndhB [142865..143641], ndhB [144318..145073], rpl2 [154062..154451], rpl2 [155133..155567]	trnK-UUU [complement(1769..4263)], rps16 [complement(5277..6132)], trnG-GCC [9069..9760], rpoC1 [complement(21880..22635)], ycf3 [complement(43611..44415)], ycf3 [complement(44644..45364)], trnL-UAA [48777..49196], trnV-UAC [complement(52761..53358)], clpP [complement(71369..72028)], clpP [complement(72323..73147)], petB [76166..76935], petD [77794..78507], rpl16 [complement(82892..83882)], rpl2 [complement(86076..86756)], ndhB [complement(96891..97566)], trnI-GAU [103793..104744], trnA-UGC [104882..105692], ndhA [complement(121341..122529)], trnA-UGC [complement(135516..136326)], trnI-GAU [complement(136464..137415)], ndhB [143642..144317], rpl2 [154452..155132]
1537.	FRVR	72	rps12 [complement(95465..95490)], rps12 [complement(96032..96263)], rps12 [complement(67050..67163)], trnK-UUU [complement(1364..1398)], trnK-UUU [complement(3936..3972)], rps16 [complement(4639..4848)], rps16 [complement(5729..5767)], trnG-GCC [7771..7793], trnG-GCC [8485..8532], atpF [complement(10475..10885)], atpF [complement(11671..11814)], rpoC1 [complement(19657..21279)], rpoC1 [complement(22069..22500)], ycf3 [complement(39978..40136)], ycf3 [complement(40852..41079)], ycf3 [complement(41807..41932)], trnL-UAA [44717..44751], trnL-UAA [45286..45335], trnV-UAC [48776..48812], trnV-UAC [49415..49453], rps12	trnK-UUU [complement(1399..3935)], rps16 [complement(4849..5728)], trnG-GCC [7794..8484], atpF [complement(10886..11670)], rpoC1 [complement(21280..22068)], ycf3 [complement(40137..40851)], ycf3 [complement(41080..41806)], trnL-UAA [44752..45285], trnV-UAC [48813..49414], clpP [complement(67575..68165)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[137427..137658], rps12 [138200..138225], clpP [complement(67323..67574)], clpP [complement(68166..68457)], clpP [complement(69240..69310)], petB [72237..72242], petB [73076..73717], petD [73923..73928], petD [74694..75185], rpl16 [complement(78698..79108)], rpl16 [complement(80102..80110)], rpl2 [complement(82020..82451)], rpl2 [complement(83125..83511)], ndhB [complement(92450..93205)], ndhB [complement(93820..94629)], trnI-GAU [complement(100192..100233)], trnI-GAU [complement(101166..101200)], trnA-UGC [101264..101301], trnA-UGC [102112..102146], ndhA [complement(117226..117765)], ndhA [complement(118798..119349)], trnA-UGC [complement(131544..131578)], trnA-UGC [complement(132389..132426)], trnI-GAU [complement(132490..132524)], trnI-GAU [complement(133457..133498)], ndhB [139061..139870], ndhB [140485..141240], rpl2 [150179..150565], rpl2 [151239..151670]	[complement(68458..69239)], petB [72243..73075], petD [73929..74693], rpl16 [complement(79109..80101)], rpl2 [complement(82452..83124)], ndhB [complement(93206..93819)], trnI-GAU [complement(100234..101165)], trnA-UGC [101302..102111], ndhA [complement(117766..118797)], trnA-UGC [complement(131579..132388)], trnI-GAU [complement(132525..133456)], ndhB [139871..140484], rpl2 [150566..151238]
1538.	FRW A	72	rps12 [complement(95447..95472)], rps12 [complement(96014..96245)], rps12 [complement(67057..67170)], trnK-UUU [complement(1364..1398)], trnK-UUU [complement(3955..3991)], rps16 [complement(4713..4922)], rps16 [complement(5802..5840)], trnG-GCC [7861..7883], trnG-GCC [8571..8618], atpF [complement(10563..10973)], atpF [complement(11754..11897)], rpoC1 [complement(19739..21361)], rpoC1 [complement(22146..22577)], ycf3 [complement(40008..40166)], ycf3 [complement(40876..41103)], ycf3 [complement(41830..41955)], trnL-UAA [44731..44765], trnL-UAA [45299..45348], trnV-UAC [48778..48814], trnV-UAC [49417..49455], rps12 [137419..137650], rps12 [138192..138217], clpP [complement(67324..67575)], clpP [complement(68160..68451)], clpP [complement(69230..69300)], petB [72239..72244], petB [73069..73710], petD [73916..73921], petD [74688..75179], rpl16 [complement(78709..79119)], rpl16 [complement(80105..80113)], rpl2 [complement(82023..82454)], rpl2 [complement(83128..83514)], ndhB [complement(92432..93187)], ndhB [complement(93802..94611)], trnI-GAU [complement(100174..100215)], trnI-GAU [complement(101148..101182)], trnA-UGC [101246..101283], trnA-UGC [102094..102128], ndhA [complement(117214..117753)], ndhA	trnK-UUU [complement(1399..3954)], rps16 [complement(4923..5801)], trnG-GCC [7884..8570], atpF [complement(10974..11753)], rpoC1 [complement(21362..22145)], ycf3 [complement(40167..40875)], ycf3 [complement(41104..41829)], trnL-UAA [44766..45298], trnV-UAC [48815..49416], clpP [complement(67576..68159)], clpP [complement(68452..69229)], petB [72245..73068], petD [73922..74687], rpl16 [complement(79120..80104)], rpl2 [complement(82455..83127)], ndhB [complement(93188..93801)], trnI-GAU [complement(100216..101147)], trnA-UGC [101284..102093], ndhA [complement(117754..118781)], trnA-UGC [complement(131571..132380)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(118782..119333)], trnA-UGC [complement(131536..131570)], trnA-UGC [complement(132381..132418)], trnI-GAU [complement(132482..132516)], trnI-GAU [complement(133449..133490)], ndhB [139053..139862], ndhB [140477..141232], rpl2 [150150..150536], rpl2 [151210..151641]	[complement(132517..133448)], ndhB [139863..140476], rpl2 [150537..151209]
1539.	FRXA	66	rps12 [complement(99831..99856)], rps12 [complement(100393..100624)], rps12 [complement(72279..72392)], rps16 [complement(5319..5545)], rps16 [complement(6418..6457)], trnG-GCC [10123..10145], trnG-GCC [10826..10873], atpF [complement(12814..13224)], atpF [complement(13920..14063)], rpoC1 [complement(21942..23561)], rpoC1 [complement(24319..24771)], ycf3 [complement(44282..44434)], ycf3 [complement(45189..45418)], ycf3 [complement(46126..46249)], trnL-UAA [49125..49159], trnL-UAA [49634..49683], rps12 [141578..141809], rps12 [142346..142371], clpP [complement(72526..72753)], clpP [complement(73395..73686)], clpP [complement(74503..74573)], petB [77491..77496], petB [78203..78844], petD [79027..79034], petD [79754..80228], rpl16 [complement(83654..84052)], rpl16 [complement(84883..84891)], rpl2 [complement(86563..86996)], rpl2 [complement(87672..88062)], ndhB [complement(96824..97579)], ndhB [complement(98259..99035)], trnI-GAU [104310..104346], trnI-GAU [105294..105328], trnA-UGC [105393..105430], trnA-UGC [106242..106276], ndhA [complement(121343..121872)], ndhA [complement(122974..123529)], trnA-UGC [complement(135926..135960)], trnA-UGC [complement(136772..136809)], trnI-GAU [complement(136874..136908)], trnI-GAU [complement(137856..137892)], ndhB [143167..143943], ndhB [144623..145378], rpl2 [154140..154530], rpl2 [155206..155639]	rps16 [complement(5546..6417)], trnG-GCC [10146..10825], atpF [complement(13225..13919)], rpoC1 [complement(23562..24318)], ycf3 [complement(44435..45188)], ycf3 [complement(45419..46125)], trnL-UAA [49160..49633], clpP [complement(72754..73394)], clpP [complement(73687..74502)], petB [77497..78202], petD [79035..79753], rpl16 [complement(84053..84882)], rpl2 [complement(86997..87671)], ndhB [complement(97580..98258)], trnI-GAU [104347..105293], trnA-UGC [105431..106241], ndhA [complement(121873..122973)], trnA-UGC [complement(135961..136771)], trnI-GAU [complement(136909..137855)], ndhB [143944..144622], rpl2 [154531..155205]
1540.	FRYU	72	rps12 [complement(95289..95314)], rps12 [complement(95856..96087)], rps12 [complement(66892..67005)], trnK-UUU [complement(1364..1398)], trnK-UUU [complement(3939..3975)], rps16 [complement(4643..4852)], rps16 [complement(5734..5772)], trnG-GCC [7778..7800], trnG-GCC [8489..8536], atpF [complement(10479..10889)], atpF [complement(11676..11819)], rpoC1 [complement(19673..21295)], rpoC1 [complement(22086..22517)], ycf3	trnK-UUU [complement(1399..3938)], rps16 [complement(4853..5733)], trnG-GCC [7801..8488], atpF [complement(10890..11675)], rpoC1 [complement(21296..22085)], ycf3 [complement(40188..40896)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(40029..40187)], ycf3 [complement(40897..41124)], ycf3 [complement(41851..41976)], trnL-UAA [44673..44707], trnL-UAA [45242..45291], trnV-UAC [48729..48765], trnV-UAC [49368..49406], rps12 [137260..137491], rps12 [138033..138058], clpP [complement(67165..67416)], clpP [complement(68005..68296)], clpP [complement(69076..69146)], petB [72073..72078], petB [72913..73554], petD [73760..73765], petD [74531..75022], rpl16 [complement(78527..78937)], rpl16 [complement(79932..79940)], rpl2 [complement(81844..82275)], rpl2 [complement(82949..83335)], ndhB [complement(92274..93029)], ndhB [complement(93644..94453)], trnI-GAU [complement(100011..100052)], trnI-GAU [complement(100985..101019)], trnA-UGC [101083..101120], trnA-UGC [101931..101965], ndhA [complement(117061..117600)], ndhA [complement(118629..119180)], trnA-UGC [complement(131382..131416)], trnA-UGC [complement(132227..132264)], trnI-GAU [complement(132328..132362)], trnI-GAU [complement(133295..133336)], ndhB [138894..139703], ndhB [140318..141073], rpl2 [150012..150398], rpl2 [151072..151503]</p>	<p>[complement(41125..41850)], trnL-UAA [44708..45241], trnV-UAC [48766..49367], clpP [complement(67417..68004)], clpP [complement(68297..69075)], petB [72079..72912], petD [73766..74530], rpl16 [complement(78938..79931)], rpl2 [complement(82276..82948)], ndhB [complement(93030..93643)], trnI-GAU [complement(100053..100984)], trnA-UGC [101121..101930], ndhA [complement(117601..118628)], trnA-UGC [complement(131417..132226)], trnI-GAU [complement(132363..133294)], ndhB [139704..140317], rpl2 [150399..151071]</p>
1541.	FRYZ	28	<p>rps12 [complement(66880..66993)], rpoC1 [complement(19818..21440)], rpoC1 [complement(22218..22649)], trnL-UAA [44657..44691], rps12 [137973..137998]</p>	<p>trnK-UUU [complement(1493..4048)], rps16 [complement(5025..5895)], trnG-GCC [7955..8641], atpF [complement(11046..11828)], rpoC1 [complement(21441..22217)], ycf3 [complement(40120..40823)], ycf3 [complement(41052..41792)], trnL-UAA [44692..45224], trnV-UAC [complement(48754..49355)], clpP [complement(67399..67982)], clpP [complement(68274..69048)], petB [72049..72869], petD [73723..74487], rpl16 [complement(78888..79883)], rpl2 [complement(82236..82908)], ndhB [complement(92995..93642)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[100014..100951], trnA-UGC [101088..101897], ndhA [complement(117565..118598)], trnA-UGC [complement(131356..132165)], trnI-GAU [complement(132302..133239)], ndhB [139611..140258], rpl2 [150345..151017]
1542.	GAA N	72	rps12 [complement(99282..99307)], rps12 [complement(99844..100075)], rps12 [complement(70972..71085)], trnK [complement(1915..1949)], trnK [complement(4488..4524)], rps16 [complement(4992..5218)], rps16 [complement(6109..6148)], trnG [8779..8801], trnG [9495..9542], atpF [complement(11672..12081)], atpF [complement(12806..12950)], rpoC1 [complement(21027..22637)], rpoC1 [complement(23408..23863)], ycf3 [complement(43781..43933)], ycf3 [complement(44645..44874)], ycf3 [complement(45585..45705)], trnL-UAA [48040..48074], trnL-UAA [48642..48691], trnC-ACA [complement(52303..52336)], trnC-ACA [complement(52956..52994)], rps12 [142039..142270], rps12 [142807..142832], clpP [complement(71246..71473)], clpP [complement(72080..72371)], clpP [complement(73162..73232)], petB [76170..76175], petB [76987..77628], petD [77830..77837], petD [78658..79132], rpl16 [complement(82652..83050)], rpl16 [complement(84064..84072)], rpl2 [complement(85701..86134)], rpl2 [complement(86801..87200)], ndhB [complement(96342..97097)], ndhB [complement(97780..98556)], trnI-GAU [104052..104088], trnI-GAU [105036..105070], trnA-UGC [105135..105172], trnA-UGC [105974..106008], ndhA [complement(121732..122270)], ndhA [complement(123380..123932)], trnA-UGC [complement(136106..136140)], trnA-UGC [complement(136942..136979)], trnI-GAU [complement(137044..137078)], trnI-GAU [complement(138026..138062)], ndhB [143558..144334], ndhB [145017..145772], rpl2 [154914..155313], rpl2 [155980..156413]	trnK [complement(1950..4487)], rps16 [complement(5219..6108)], trnG [8802..9494], atpF [complement(12082..12805)], rpoC1 [complement(22638..23407)], ycf3 [complement(43934..44644)], ycf3 [complement(44875..45584)], trnL-UAA [48075..48641], trnC-ACA [complement(52337..52955)], clpP [complement(71474..72079)], clpP [complement(72372..73161)], petB [76176..76986], petD [77838..78657], rpl16 [complement(83051..84063)], rpl2 [complement(86135..86800)], ndhB [complement(97098..97779)], trnI-GAU [104089..105035], trnA-UGC [105173..105973], ndhA [complement(122271..123379)], trnA-UGC [complement(136141..136941)], trnI-GAU [complement(137079..138025)], ndhB [144335..145016], rpl2 [155314..155979]
1543.	GAAP	40	trnK-UUU [complement(1592..1626)], trnK-UUU [complement(4126..4162)], trnG-GCC [9195..9217], trnG-GCC [9911..9947], trnL-UAA [47685..47721], trnL-UAA [48233..48282], trnV-UAC [complement(51258..51294)], trnV-	trnK-UUU [complement(1627..4125)], rps16 [complement(5214..6200)], trnG-GCC [9218..9910], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(51879..51916)], rps12 [139433..139458], trnI-GAU [100975..101016], trnI-GAU [101961..101995], trnA-UGC [102059..102096], trnA-UGC [102916..102950], trnA-UGC [complement(133357..133391)], trnA-UGC [complement(134211..134248)], trnI-GAU [complement(134312..134346)], trnI-GAU [complement(135291..135332)]	[complement(12315..12985)], rpoC1 [complement(22636..23360)], ycf3 [complement(43003..43738)], ycf3 [complement(43967..44828)], trnL-UAA [47722..48232], trnV-UAC [complement(51295..51878)], clpP [complement(69556..70211)], clpP [complement(70504..71326)], petB [74823..75169], petD [76002..76645], rpl16 [complement(81044..82044)], rpl2 [complement(84055..84712)], ndhB [complement(94569..95251)], trnI-GAU [101017..101960], trnA-UGC [102097..102915], ndhA [complement(119409..120547)], trnA-UGC [complement(133392..134210)], trnI-GAU [complement(134347..135290)], ndhB [141056..141738], rpl2 [151595..152252]
1544.	GACA	63	rps12 [complement(99641..99666)], rps12 [complement(100214..100445)], rps12 [complement(70131..70268)], trnK-UUU [complement(1387..1421)], trnK-UUU [complement(4456..4492)], rps16 [complement(4999..5228)], rps16 [complement(6117..6156)], trnG-GCC [9659..9681], trnG-GCC [10371..10419], atpF [complement(12378..12788)], atpF [complement(13780..13923)], rpoC1 [complement(21152..22759)], rpoC1 [complement(23517..23948)], ycf3 [complement(43634..43786)], ycf3 [complement(44502..44731)], ycf3 [complement(45457..45580)], trnL-UAA [47959..47993], trnL-UAA [48708..48757], trnV-UAC [complement(51488..51524)], trnV-UAC [complement(52104..52142)], rps12 [133373..133604], rps12 [134152..134177], clpP [complement(70395..70646)], clpP [complement(71333..71624)], clpP [complement(72643..72713)], petB [76078..76083], petB [76809..77450], petD [77644..77651], petD [78496..78979], rpl16 [complement(82534..82932)], rpl16	trnK-UUU [complement(1422..4455)], rps16 [complement(5229..6116)], trnG-GCC [9682..10370], atpF [complement(12789..13779)], rpoC1 [complement(22760..23516)], ycf3 [complement(43787..44501)], ycf3 [complement(44732..45456)], trnL-UAA [47994..48707], trnV-UAC [complement(51525..52103)], clpP [complement(70647..71332)], clpP [complement(71625..72642)], petB [76084..76808], petD [77652..78495], rpl16 [complement(82933..84175)], rpl2 [complement(86576..87239)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84176..84184)], rpl2 [complement(86145..86575)], rpl2 [complement(87240..87624)], trnI-GAU [104446..104487], trnI-GAU [105429..105463], trnA-UGC [105527..105564], trnA-UGC [106366..106400], trnA-UGC [complement(125856..125890)], trnA-UGC [complement(128254..128291)], trnI-GAU [complement(128355..128389)], trnI-GAU [complement(129331..129372)], rpl2 [146194..146578], rpl2 [147243..147673]	[104488..105428], trnA-UGC [105565..106365], trnA-UGC [complement(125891..128253)], trnI-GAU [complement(128390..129330)], rpl2 [146579..147242]
1545.	GAEA	14	rps12 [complement(14149..14174)], rps12 [complement(14743..14974)], rps12 [complement(8193..8306)], clpP [complement(8421..8690)], clpP [complement(9345..9629)], clpP [complement(10375..10437)], rpl16 [complement(12178..12615)], rpl16 [complement(13470..13478)], rpl2 [32835..32909], rpl2 [33590..33976]	clpP [complement(8691..9344)], clpP [complement(9630..10374)], rpl16 [complement(12616..13469)], rpl2 [32910..33589]
1546.	GAEL	56	rps12 [complement(102934..102959)], rps12 [complement(103496..103727)], rps12 [complement(73760..73873)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4420..4456)], trnG-GCC [8366..8388], trnG-GCC [9114..9159], atpF [complement(11920..12330)], atpF [complement(13122..13265)], rpoC1 [complement(21453..23063)], rpoC1 [complement(23853..24284)], ycf3 [complement(45409..45561)], ycf3 [complement(46274..46501)], ycf3 [complement(47233..47358)], trnL-UAA [49645..49681], trnL-UAA [50262..50310], trnV-UAC [complement(54425..54461)], trnV-UAC [complement(55069..55107)], rps12 [complement(73760..73873)], rps12 [147423..147654], rps12 [148191..148216], clpP [complement(74038..74263)], clpP [complement(74890..75182)], clpP [complement(76065..76133)], petB [79119..79124], petB [79964..80605], petD [80799..80806], petD [81600..82074], rpl16 [complement(85830..86228)], rpl16 [complement(87303..87311)], rpl2 [complement(89163..89597)], rpl2 [complement(90273..90671)], ndhB [complement(99874..100629)], ndhB [complement(101318..102094)], trnI-GAU [107724..107765], trnI-GAU [108713..108747], trnA-UGC [108812..108849], trnA-UGC [109658..109692], ndhA [complement(126468..127007)], ndhA [complement(128191..128760)], trnA-UGC [complement(141458..141492)], trnA-UGC	trnG-GCC [8389..9113], trnL-UAA [49682..50261], trnV-UAC [complement(54462..55068)], clpP [complement(74264..74889)], clpP [complement(75183..76064)], trnI-GAU [107766..108712], trnI-GAU [complement(142438..143384)], rpl2 [160878..161552]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(142301..142338)], trnI-GAU [complement(142403..142437)], trnI-GAU [complement(143385..143426)], ndhB [149056..149832], ndhB [150521..151276], rpl2 [160479..160877], rpl2 [161553..161987]	
1547.	GAFU	63	rps12 [complement(97356..97381)], rps12 [complement(97929..98160)], rps12 [complement(67827..67940)], trnK-UUU [complement(1387..1421)], trnK-UUU [complement(4443..4479)], rps16 [complement(4965..5194)], rps16 [complement(6128..6167)], trnG-GCC [9628..9650], trnG-GCC [10334..10382], atpF [complement(12324..12734)], atpF [complement(13719..13862)], rpoC1 [complement(21206..22813)], rpoC1 [complement(23569..24000)], ycf3 [complement(43503..43655)], ycf3 [complement(44371..44600)], ycf3 [complement(45325..45448)], trnL-UAA [47809..47843], trnL-UAA [48563..48612], trnV-UAC [complement(49470..49506)], trnV-UAC [complement(50086..50124)], rps12 [131149..131380], rps12 [131928..131953], clpP [complement(68067..68318)], clpP [complement(69003..69294)], clpP [complement(70294..70364)], petB [73756..73761], petB [74487..75128], petD [75322..75329], petD [76173..76656], rpl16 [complement(80206..80604)], rpl16 [complement(81916..81924)], rpl2 [complement(83893..84323)], rpl2 [complement(84988..85372)], trnI-GAU [102176..102217], trnI-GAU [103174..103208], trnA-UGC [103272..103309], trnA-UGC [104111..104145], trnA-UGC [complement(125164..125198)], trnA-UGC [complement(126000..126037)], trnI-GAU [complement(126781..126815)], trnI-GAU [complement(127092..127133)], rpl2 [143937..144321], rpl2 [144986..145416]	trnK-UUU [complement(1422..4442)], rps16 [complement(5195..6127)], trnG-GCC [9651..10333], atpF [complement(12735..13718)], rpoC1 [complement(22814..23568)], ycf3 [complement(43656..44370)], ycf3 [complement(44601..45324)], trnL-UAA [47844..48562], trnV-UAC [complement(49507..50085)], clpP [complement(68319..69002)], clpP [complement(69295..70293)], petB [73762..74486], petD [75330..76172], rpl16 [complement(80605..81915)], rpl2 [complement(84324..84987)], trnI-GAU [102218..103173], trnA-UGC [103310..104110], trnA-UGC [complement(125199..125999)], trnI-GAU [complement(126816..127091)], rpl2 [144322..144985]
1548.	GAJA	63	rps12 [complement(98899..98924)], rps12 [complement(99472..99703)], rps12 [complement(69495..69608)], trnK-UUU [complement(1385..1419)], trnK-UUU [complement(4409..4445)], rps16 [complement(4937..5166)], rps16 [complement(6069..6108)], trnG-GCC [9624..9646], trnG-GCC [10336..10384], atpF [complement(12334..12744)], atpF [complement(13734..13877)], rpoC1 [complement(21231..22844)], rpoC1 [complement(23598..24029)], ycf3 [complement(43253..43405)], ycf3 [complement(44121..44350)], ycf3 [complement(45077..45200)], trnL-UAA	trnK-UUU [complement(1420..4408)], rps16 [complement(5167..6068)], trnG-GCC [9647..10335], atpF [complement(12745..13733)], rpoC1 [complement(22845..23597)], ycf3 [complement(43406..44120)], ycf3 [complement(44351..45076)], trnL-UAA [47612..48313], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47577..47611], trnL-UAA [48314..48363], trnV-UAC [complement(51103..51139)], trnV-UAC [complement(51721..51759)], rps12 [132690..132921], rps12 [133469..133494], clpP [complement(69735..69986)], clpP [complement(70672..70963)], clpP [complement(71963..72033)], petB [75390..75395], petB [76121..76762], petD [76956..76963], petD [77803..78286], rpl16 [complement(81857..82255)], rpl16 [complement(83486..83494)], rpl2 [complement(85463..85893)], rpl2 [complement(86549..86933)], trnI-GAU [103712..103753], trnI-GAU [104695..104729], trnA-UGC [104793..104830], trnA-UGC [105632..105666], trnA-UGC [complement(125164..125198)], trnA-UGC [complement(127563..127600)], trnI-GAU [complement(127664..127698)], trnI-GAU [complement(128640..128681)], rpl2 [145460..145844], rpl2 [146500..146930]	[complement(51140..51720)], clpP [complement(69987..70671)], clpP [complement(70964..71962)], petB [75396..76120], petD [76964..77802], rpl16 [complement(82256..83485)], rpl2 [complement(85894..86548)], trnI-GAU [103754..104694], trnA-UGC [104831..105631], trnA-UGC [complement(125199..127562)], trnI-GAU [complement(127699..128639)], rpl2 [145845..146499]
1549.	GAM A	5	rps12 [complement(71563..71676)], trnH-GUG [complement(158173..158179)], trnH-GUG [complement(1..67)], rps12 [144152..144177]	trnH-GUG [complement(158180..0)]
1550.	GAM C	64	rps12 [complement(88858..88886)], rps12 [complement(89427..89658)], rps12 [complement(67002..67115)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3918..3954)], rps16 [complement(4504..4721)], rps16 [complement(5551..5590)], trnG-UCC [complement(12775..12822)], trnG-UCC [complement(13504..13526)], atpF [32357..32501], atpF [33331..33737], ycf3 [complement(41570..41730)], ycf3 [complement(42450..42675)], ycf3 [complement(43435..43560)], trnL-UAA [46298..46332], trnL-UAA [46879..46928], trnV-UAC [complement(50325..50361)], trnV-UAC [complement(50964..51002)], rps12 [126193..126424], rps12 [126965..126993], petB [70892..70897], petB [71661..72302], petD [72491..72498], petD [73241..73715], rpl16 [complement(77336..77737)], rpl16 [complement(78633..78641)], rpl2 [complement(80647..81077)], rpl2 [complement(81741..82131)], ndhB [complement(85786..86541)], ndhB [complement(87254..88030)], trnI-GAU [93428..93464], trnI-GAU [94272..94306], trnA-UGC [94372..94409], trnA-UGC [95221..95255], ndhA [complement(111152..111690)], ndhA [complement(112712..113261)], trnA-	trnK-UUU [complement(1418..3917)], rps16 [complement(4722..5550)], trnG-UCC [complement(12823..13503)], atpF [32502..33330], ycf3 [complement(41731..42449)], ycf3 [complement(42676..43434)], trnL-UAA [46333..46878], trnV-UAC [complement(50362..50963)], petB [70898..71660], petD [72499..73240], rpl16 [complement(77738..78632)], rpl2 [complement(81078..81740)], ndhB [complement(86542..87253)], trnI-GAU [93465..94271], trnA-UGC [94410..95220], ndhA [complement(111691..112711)], trnA-UGC [complement(120631..121441)], trnI-GAU [complement(121580..122386)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(120596..120630)], trnA-UGC [complement(121442..121479)], trnI-GAU [complement(121545..121579)], trnI-GAU [complement(122387..122423)], ndhB [127821..128597], ndhB [129310..130065], rpl2 [133720..134110], rpl2 [134774..135204]	[128598..129309], rpl2 [134111..134773]
1551.	GAM E	62	rps12 [complement(92300..92335)], rps12 [complement(92874..93104)], rps12 [complement(70215..70328)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3928..3965)], rps16 [complement(4522..4737)], rps16 [complement(5567..5608)], trnG-UCC [complement(13674..13725)], trnG-UCC [complement(14391..14413)], atpF [35482..35640], atpF [36466..36873], ycf3 [complement(44645..44803)], ycf3 [complement(45528..45755)], ycf3 [complement(46492..46623)], trnL-UAA [49382..49416], trnL-UAA [49957..50006], trnV-UAC [complement(53447..53483)], trnV-UAC [complement(54080..54118)], petB [74072..74077], petB [74888..75529], petD [75718..75726], petD [76476..76949], rpl16 [complement(80548..80949)], rpl16 [complement(82048..82056)], rpl2 [complement(84038..84469)], rpl2 [complement(85130..85522)], ndhB [complement(89231..89986)], ndhB [complement(90699..91475)], trnI-GAU [96985..97026], trnI-GAU [97973..98007], trnA-GAU [98073..98110], trnA-GAU [98922..98956], ndhA [complement(115081..115620)], ndhA [complement(116647..117195)], trnA-UGC [complement(124562..124596)], trnA-UGC [complement(125408..125445)], trnI-GAU [complement(125511..125545)], trnI-GAU [complement(126492..126533)], ndhB [132043..132819], ndhB [133532..134287], rpl2 [137996..138388], rpl2 [139049..139480]	trnK-UUU [complement(1410..3927)], rps16 [complement(4738..5566)], trnG-UCC [complement(13726..14390)], atpF [35641..36465], ycf3 [complement(44804..45527)], ycf3 [complement(45756..46491)], trnL-UAA [49417..49956], trnV-UAC [complement(53484..54079)], petB [74078..74887], petD [75727..76475], rpl16 [complement(80950..82047)], rpl2 [complement(84470..85129)], ndhB [complement(89987..90698)], trnI-GAU [97027..97972], trnA-GAU [98111..98921], ndhA [complement(115621..116646)], trnA-UGC [complement(124597..125407)], trnI-GAU [complement(125546..126491)], ndhB [132820..133531], rpl2 [138389..139048]
1552.	GAM O	40	trnK-UUU [complement(1577..1611)], trnK-UUU [complement(4102..4138)], trnG-GCC [9089..9111], trnG-GCC [9803..9839], trnL-UAA [47909..47945], trnL-UAA [48449..48498], trnV-UAC [complement(51758..51794)], trnV-UAC [complement(52381..52418)], rps12 [140332..140357], trnI-GAU [101908..101949], trnI-GAU [102894..102928], trnA-UGC [102992..103029], trnA-UGC [103849..103883], trnA-UGC [complement(134266..134300)], trnA-UGC [complement(135120..135157)], trnI-GAU [complement(135221..135255)], trnI-GAU [complement(136200..136241)]	trnK-UUU [complement(1612..4101)], rps16 [complement(5164..6166)], trnG-GCC [9112..9802], atpF [complement(12243..12920)], rpoC1 [complement(22638..23370)], ycf3 [complement(43225..43967)], ycf3 [complement(44196..45059)], trnL-UAA [47946..48448], trnV-UAC [complement(51795..52380)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(70383..71043)], clpP [complement(71336..72167)], petB [75652..75998], petD [76831..77451], rpl16 [complement(81957..82980)], rpl2 [complement(84992..85643)], ndhB [complement(95512..96125)], trnI-GAU [101950..102893], trnA-UGC [103030..103848], ndhA [complement(120260..121429)], trnA-UGC [complement(134301..135119)], trnI-GAU [complement(135256..136199)], ndhB [142024..142637], rpl2 [152506..153157]
1553.	GAQ U	67	rps12 [complement(97374..97616)], rps12 [complement(69235..69348)], trnK-UUU [complement(1725..1759)], trnK-UUU [complement(4328..4364)], rps16 [complement(5141..5367)], rps16 [complement(6239..6278)], rpoC1 [16149..16601], rpoC1 [17327..18964], atpF [26922..27066], atpF [27768..28177], trnG-UCC [complement(30210..30256)], trnG-UCC [complement(30987..31009)], ycf3 [complement(42121..42273)], ycf3 [complement(43020..43249)], ycf3 [complement(43948..44071)], trnL-UAA [46963..46999], trnL-UAA [47367..47416], trnV-UAC [complement(50896..50932)], trnV-UAC [complement(51507..51544)], rps12 [137922..138164], clpP [complement(69515..69743)], clpP [complement(70362..70652)], clpP [complement(71466..71536)], petB [74460..74465], petB [75245..75886], petD [76092..76099], petD [76812..77286], rpl2 [complement(83774..84207)], rpl2 [complement(84873..85263)], ndhB [complement(93811..94566)], ndhB [complement(95237..96013)], trnI-GAU [101547..101588], trnI-GAU [102371..102405], trnA-UGC [102470..102507], trnA-UGC [103329..103363], ndhA [115111..115663], ndhA [116729..117267], trnA-UGC [complement(132175..132209)], trnA-UGC [complement(133031..133068)], trnI-GAU [complement(133133..133167)], trnI-GAU [complement(133950..133991)], ndhB [139525..140301], ndhB	trnK-UUU [complement(1760..4327)], rps16 [complement(5368..6238)], rpoC1 [16602..17326], atpF [27067..27767], trnG- UCC [complement(30257..30986)], ycf3 [complement(42274..43019)], ycf3 [complement(43250..43947)], trnL-UAA [47000..47366], trnV-UAC [complement(50933..51506)], clpP [complement(69744..70361)], clpP [complement(70653..71465)], petB [74466..75244], petD [76100..76811], rpl2 [complement(84208..84872)], ndhB [complement(94567..95236)], trnI-GAU [101589..102370], trnA-UGC [102508..103328], ndhA [115664..116728], trnA-UGC [complement(132210..133030)], trnI-GAU [complement(133168..133949)], ndhB [140302..140971], rpl2 [150666..151330]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140972..141727], rpl2 [150275..150665], rpl2 [151331..151764]	
1554.	GATE	23	trnK-UUU [complement(1481..1509)], trnK-UUU [complement(3994..4031)], rps12 [129983..130011]	trnK-UUU [complement(1510..3993)], rps16 [complement(4796..5633)], trnG-UCC [complement(13456..14152)], atpF [35137..35963], ycf3 [complement(44320..45056)], ycf3 [complement(45285..46046)], trnL-UAA [48768..49221], trnV-UAC [complement(52950..53551)], petB [72959..73724], petD [74563..75302], rpl16 [complement(79733..80838)], rpl2 [complement(83256..83918)], ndhB [complement(89651..90354)], trnI-GAU [96648..97593], trnA-UGC [97732..98541], ndhA [complement(114441..115473)], trnA-UGC [complement(123430..124239)], trnI-GAU [complement(124378..125323)], ndhB [131617..132320], rpl2 [138053..138715]
1555.	GATH	23	trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3901..3938)], rps12 [129927..129955]	trnK-UUU [complement(1415..3900)], rps16 [complement(4703..5540)], trnG-UCC [complement(13363..14059)], atpF [35063..35889], ycf3 [complement(44245..44981)], ycf3 [complement(45210..45970)], trnL-UAA [48692..49145], trnV-UAC [complement(52881..53482)], petB [72894..73659], petD [74498..75237], rpl16 [complement(79670..80774)], rpl2 [complement(83192..83851)], ndhB [complement(89587..90290)], trnI-GAU [96584..97529], trnA-UGC [97668..98477], ndhA [complement(114385..115417)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UGC [complement(123374..124183)], trnI-GAU [complement(124322..125267)], ndhB [131561..132264], rpl2 [138000..138659]
1556.	GATT	40	trnK-UUU [complement(1677..1711)], trnK-UUU [complement(4229..4265)], trnG-UCC [9293..9315], trnG-UCC [10006..10053], trnL-UAA [46953..46987], trnL-UAA [47476..47525], trnV-UAC [complement(51163..51197)], trnV-UAC [complement(51773..51810)], rps12 [138520..138545], trnI-GAU [100596..100632], trnI-GAU [101570..101604], trnA-UGC [101669..101706], trnA-UGC [102513..102547], trnA-UGC [complement(132106..132140)], trnA-UGC [complement(132947..132984)], trnI-GAU [complement(133049..133083)], trnI-GAU [complement(134021..134057)]	trnK-UUU [complement(1712..4228)], rps16 [complement(5327..6224)], trnG-UCC [9316..10005], atpF [complement(12420..13093)], rpoC1 [complement(22695..23477)], ycf3 [complement(42701..43429)], ycf3 [complement(43660..44385)], trnL-UAA [46988..47475], trnV-UAC [complement(51198..51772)], clpP [complement(69201..69825)], clpP [complement(70118..70780)], petB [74114..74507], petD [75352..76089], rpl16 [complement(80381..81290)], rpl2 [complement(83376..84042)], ndhB [complement(93857..94535)], trnI-GAU [100633..101569], trnA-UGC [101707..102512], ndhA [115533..116584], trnA-UGC [complement(132141..132946)], trnI-GAU [complement(133084..134020)], ndhB [140118..140796], rpl2 [150497..151163]
1557.	GAVE	64	rps12 [complement(89428..89456)], rps12 [complement(89997..90228)], rps12 [complement(67486..67599)], trnK-UUU [complement(1391..1425)], trnK-UUU [complement(3902..3938)], rps16 [complement(4490..4707)], rps16 [complement(5540..5579)], trnG-UCC [complement(12826..12873)], trnG-UCC [complement(13549..13571)], atpF [32574..32718], atpF [33562..33968], ycf3 [complement(41758..41918)], ycf3 [complement(42647..42872)], ycf3 [complement(43615..43740)], trnL [46512..46546], trnL [46970..47019], trnV-UAC [complement(50579..50615)], trnV-UAC [complement(51212..51250)],	trnK-UUU [complement(1426..3901)], rps16 [complement(4708..5539)], trnG-UCC [complement(12874..13548)], atpF [32719..33561], ycf3 [complement(41919..42646)], ycf3 [complement(42873..43614)], trnL [46547..46969], trnV-UAC [complement(50616..51211)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [126993..127224], rps12 [127765..127793], petB [71379..71384], petB [72143..72784], petD [72972..72979], petD [73721..74195], rpl16 [complement(77769..78170)], rpl16 [complement(79203..79211)], rpl2 [complement(81192..81622)], rpl2 [complement(82286..82676)], ndhB [complement(86360..87115)], ndhB [complement(87828..88604)], trnI-GAU [94085..94121], trnI-GAU [94928..94962], trnA-UGC [95028..95065], trnA-UGC [95877..95911], ndhA [complement(111851..112389)], ndhA [complement(113413..113962)], trnA-UGC [complement(121310..121344)], trnA-UGC [complement(122156..122193)], trnI-GAU [complement(122259..122293)], trnI-GAU [complement(123100..123136)], ndhB [128617..129393], ndhB [130106..130861], rpl2 [134545..134935], rpl2 [135599..136029]	[71385..72142], petD [72980..73720], rpl16 [complement(78171..79202)], rpl2 [complement(81623..82285)], ndhB [complement(87116..87827)], trnI-GAU [94122..94927], trnA-UGC [95066..95876], ndhA [complement(112390..113412)], trnA-UGC [complement(121345..122155)], trnI-GAU [complement(122294..123099)], ndhB [129394..130105], rpl2 [134936..135598]
1558.	GEAS	43	rps12 [complement(61363..61388)], rps12 [complement(61930..62158)], rps12 [complement(34797..34910)], trnK-UUU [complement(25..59)], trnK-UUU [complement(2619..2655)], rps16 [complement(2778..3001)], rps16 [complement(3883..3922)], trnL-UAA [19494..19528], trnL-UAA [20034..20083], trnV-UAC [complement(22989..23025)], trnV-UAC [complement(23621..23659)], rps12 [102642..102870], rps12 [103412..103437], clpP [complement(35051..35302)], clpP [complement(35957..36248)], clpP [complement(37070..37140)], rpl16 [complement(44349..44750)], rpl16 [complement(45722..45730)], rpl2 [complement(47549..47979)], rpl2 [complement(48647..49037)], trnI-GAU [65808..65849], trnI-GAU [66785..66819], trnA-UGC [66884..66921], trnA-UGC [67738..67772], trnA-UGC [complement(97028..97062)], trnA-UGC [complement(97879..97916)], trnI-GAU [complement(97981..98015)], trnI-GAU [complement(98951..98992)], rpl2 [115763..116153], rpl2 [116821..117251]	trnK-UUU [complement(60..2618)], rps16 [complement(3002..3882)], trnL-UAA [19529..20033], trnV-UAC [complement(23026..23620)], clpP [complement(35303..35956)], clpP [complement(36249..37069)], rpl16 [complement(44751..45721)], rpl2 [complement(47980..48646)], trnI-GAU [65850..66784], trnA-UGC [66922..67737], trnA-UGC [complement(97063..97878)], trnI-GAU [complement(98016..98950)], rpl2 [116154..116820]
1559.	GEAU	63	rps12 [complement(93985..94011)], rps12 [complement(94549..94779)], rps12 [complement(66482..66595)], trnK-UUU [complement(1626..1662)], trnK-UUU [complement(4169..4205)], rps16 [complement(5031..5244)], rps16 [complement(6073..6116)], trnG-UCC [8820..8851], trnG-UCC [9563..9623], atpF [complement(11546..11954)], atpF [complement(12647..12795)], rpoC1	trnK-UUU [complement(1663..4168)], rps16 [complement(5245..6072)], trnG-UCC [8852..9562], atpF [complement(11955..12646)], rpoC1 [complement(22139..22904)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20520..22138)], rpoC1 [complement(22905..23361)], ycf3 [complement(42117..42269)], ycf3 [complement(42982..43209)], ycf3 [complement(43937..44065)], trnL-UAA [46270..46304], trnL-UAA [46827..46876], trnV-UAC [complement(48478..48512)], trnV-UAC [complement(49123..49160)], rps12 [125886..126116], rps12 [126654..126680], clpP [complement(66793..67020)], clpP [complement(67692..67988)], clpP [complement(68766..68834)], petB [71959..71963], petB [72425..73067], petD [73247..73255], petD [73977..74450], rpl16 [complement(77851..78253)], rpl16 [complement(79119..79126)], rpl2 [complement(80815..81249)], rpl2 [complement(81912..82295)], trnV-GAU [98427..98460], trnV-GAU [99410..99450], trnA-UGC [99515..99551], trnA-UGC [100373..100408], trnA-UGC [complement(120257..120292)], trnA-UGC [complement(121114..121150)], trnV-GAU [complement(121215..121254)], trnV-GAU [complement(122205..122238)], rpl2 [138370..138753], rpl2 [139416..139850]	[complement(42270..42981)], ycf3 [complement(43210..43936)], trnL-UAA [46305..46826], trnV-UAC [complement(48513..49122)], clpP [complement(67021..67691)], clpP [complement(67989..68765)], petB [71964..72424], petD [73256..73976], rpl16 [complement(78254..79118)], rpl2 [complement(81250..81911)], trnV-GAU [98461..99409], trnA-UGC [99552..100372], trnA-UGC [complement(120293..121113)], trnV-GAU [complement(121255..122204)], rpl2 [138754..139415]
1560.	GECA	23	trnK-UUU [complement(1380..1408)], trnK-UUU [complement(3898..3935)], rps12 [129848..129876]	trnK-UUU [complement(1409..3897)], rps16 [complement(4700..5540)], trnG-UCC [complement(13591..14276)], atpF [35062..35891], ycf3 [complement(44208..44941)], ycf3 [complement(45170..45923)], trnL-UAA [48844..49285], trnV-UAC [complement(52977..53578)], petB [73084..73836], petD [74658..75397], rpl16 [complement(79830..80930)], rpl2 [complement(83334..83996)], ndhB [complement(89955..90658)], trnI-GAU [96662..97606], trnA-UGC [97745..98554], ndhA [complement(114594..115621)], trnA-UGC [complement(123588..124397)], trnI-GAU [complement(124536..125480)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[131484..132187], rpl2 [138146..138808]
1561.	GECE	50	rps12 [complement(90970..91212)], rps12 [complement(64115..64228)], atpF [complement(9524..9956)], atpF [complement(10656..10813)], rpoC1 [complement(18321..19943)], rpoC1 [complement(20688..21122)], ycf3 [complement(40328..40480)], ycf3 [complement(41270..41497)], ycf3 [complement(42248..42373)], trnL [44773..44809], trnL [45189..45238], trnV [complement(46172..46208)], trnV [complement(46805..46842)], rps12 [124303..124533], rps12 [125068..125094], clpP [complement(64390..64634)], clpP [complement(65311..65603)], clpP [complement(66387..66454)], petB [69399..69404], petB [70122..70772], rpl16 [complement(75300..75701)], rpl16 [complement(76467..76475)], rpl2 [complement(78132..78566)], rpl2 [complement(79220..79612)], trnI [94796..94837], trnI [95734..95768], trnA [95832..95869], trnA [96697..96731], trnA [complement(118784..118818)], trnA [complement(119646..119683)], trnI [complement(119747..119781)], trnI [complement(120678..120719)], rpl2 [135903..136295], rpl2 [136949..137383]	atpF [complement(9957..10655)], rpoC1 [complement(19944..20687)], ycf3 [complement(40481..41269)], ycf3 [complement(41498..42247)], trnL [44810..45188], trnV [complement(46209..46804)], clpP [complement(64635..65310)], clpP [complement(65604..66386)], petB [69405..70121], rpl16 [complement(75702..76466)], rpl2 [complement(78567..79219)], trnI [94838..95733], trnA [95870..96696], trnA [complement(118819..119645)], trnI [complement(119782..120677)], rpl2 [136296..136948]
1562.	GEGR	69	rps12 [complement(94434..94459)], rps12 [complement(94994..95225)], rps12 [complement(67258..67371)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4277..4313)], trnG-UCC [7353..7375], trnG-UCC [8066..8113], atpF [complement(10056..10469)], atpF [complement(11213..11371)], rpoC1 [complement(19130..20752)], rpoC1 [complement(21501..21935)], ycf3 [complement(41248..41400)], ycf3 [complement(42139..42366)], ycf3 [complement(43106..43231)], trnL-UAA [45862..45898], trnL-UAA [46275..46324], trnV-UAC [complement(49394..49430)], trnV-UAC [complement(50027..50064)], rps12 [134716..134947], rps12 [135482..135507], clpP [complement(67526..67771)], clpP [complement(68431..68721)], clpP [complement(69477..69545)], petB [72487..72492], petB [73198..73839], petD [74064..74071], petD [74835..75309], rpl16 [complement(78510..78908)], rpl16 [complement(79671..79679)], rpl2 [complement(81337..81771)], rpl2 [complement(82425..82817)], ndhB [complement(91413..92168)], ndhB [complement(92852..93628)], trnI-GAU [98631..98667], trnI-GAU	trnK-UUU [complement(1776..4276)], trnG-UCC [7376..8065], atpF [complement(10470..11212)], rpoC1 [complement(20753..21500)], ycf3 [complement(41401..42138)], ycf3 [complement(42367..43105)], trnL-UAA [45899..46274], trnV-UAC [complement(49431..50026)], clpP [complement(67772..68430)], clpP [complement(68722..69476)], petB [72493..73197], petD [74072..74834], rpl16 [complement(78909..79670)], rpl2 [complement(81772..82424)], ndhB [complement(92169..92851)], trnI-GAU [98668..99598], trnA-UGC [99741..100554], ndhA [complement(115868..116734)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[99599..99633], trnA-UGC [99703..99740], trnA-UGC [100555..100589], ndhA [complement(115328..115867)], ndhA [complement(116735..117295)], trnA-UGC [complement(129352..129386)], trnA-UGC [complement(130201..130238)], trnI-GAU [complement(130308..130342)], trnI-GAU [complement(131269..131310)], ndhB [136313..137089], ndhB [137773..138528], rpl2 [147124..147516], rpl2 [148170..148604]	UGC [complement(129387..130200)], trnI-GAU [complement(130343..131268)], ndhB [137090..137772], rpl2 [147517..148169]
1563.	GEDA	69	rps12 [complement(94423..94448)], rps12 [complement(94983..95214)], rps12 [complement(67253..67366)], trnK-UUU [complement(1668..1702)], trnK-UUU [complement(4214..4250)], trnG-UCC [7427..7449], trnG-UCC [8139..8186], atpF [complement(10129..10542)], atpF [complement(11287..11445)], rpoC1 [complement(19208..20830)], rpoC1 [complement(21573..22007)], ycf3 [complement(41242..41394)], ycf3 [complement(42133..42360)], ycf3 [complement(43103..43228)], trnL-UAA [45859..45895], trnL-UAA [46272..46321], trnV-UAC [complement(49456..49492)], trnV-UAC [complement(50089..50126)], rps12 [134744..134975], rps12 [135510..135535], clpP [complement(67521..67766)], clpP [complement(68453..68716)], clpP [complement(69472..69540)], petB [72483..72488], petB [73193..73834], petD [74059..74066], petD [74830..75304], rpl16 [complement(78502..78900)], rpl16 [complement(79662..79670)], rpl2 [complement(81327..81761)], rpl2 [complement(82415..82807)], ndhB [complement(91403..92158)], ndhB [complement(92842..93618)], trnI-GAU [98605..98641], trnI-GAU [99571..99605], trnA-UGC [99675..99712], trnA-UGC [100527..100561], ndhA [complement(115339..115878)], ndhA [complement(116746..117306)], trnA-UGC [complement(129397..129431)], trnA-UGC [complement(130246..130283)], trnI-GAU [complement(130353..130387)], trnI-GAU [complement(131312..131353)], ndhB [136340..137116], ndhB [137800..138555], rpl2 [147151..147543], rpl2 [148197..148631]	trnK-UUU [complement(1703..4213)], trnG-UCC [7450..8138], atpF [complement(10543..11286)], rpoC1 [complement(20831..21572)], ycf3 [complement(41395..42132)], ycf3 [complement(42361..43102)], trnL-UAA [45896..46271], trnV-UAC [complement(49493..50088)], clpP [complement(67767..68452)], clpP [complement(68717..69471)], petB [72489..73192], petD [74067..74829], rpl16 [complement(78901..79661)], rpl2 [complement(81762..82414)], ndhB [complement(92159..92841)], trnI-GAU [98642..99570], trnA-UGC [99713..100526], ndhA [complement(115879..116745)], trnA-UGC [complement(129432..130245)], trnI-GAU [complement(130388..131311)], ndhB [137117..137799], rpl2 [147544..148196]
1564.	GEFI	63	rps12 [complement(93106..93132)], rps12 [complement(93670..93900)], rps12 [complement(65787..65900)], trnK-UUU [complement(1758..1793)], trnK-UUU [complement(4286..4322)], rps16 [complement(5161..5362)], rps16 [complement(6193..6236)], trnG-UCC [8836..8867], trnG-UCC [9571..9630],	trnK-UUU [complement(1794..4285)], rps16 [complement(5363..6192)], trnG-UCC [8868..9570], atpF [complement(11934..12631)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(11525..11933)], atpF [complement(12632..12777)], rpoC1 [complement(20286..21904)], rpoC1 [complement(22671..23127)], ycf3 [complement(41724..41876)], ycf3 [complement(42567..42794)], ycf3 [complement(43490..43618)], trnL-UAA [45867..45901], trnL-UAA [46406..46455], trnV-UAC [complement(48004..48064)], trnV-UAC [complement(48658..48687)], rps12 [126164..126394], rps12 [126932..126958], clpP [complement(66078..66305)], clpP [complement(66971..67267)], clpP [complement(67969..68037)], petB [71138..71142], petB [71601..72243], petD [72423..72431], petD [73124..73597], rpl16 [complement(76987..77389)], rpl16 [complement(78229..78236)], rpl2 [complement(79917..80351)], rpl2 [complement(81014..81406)], trnI-GAU [97532..97563], trnI-GAU [98516..98555], trnA-UGC [98620..98657], trnA-UGC [99479..99513], trnA-UGC [complement(120551..120586)], trnA-UGC [complement(121408..121444)], trnI-GAU [complement(121509..121548)], trnI-GAU [complement(122501..122532)], rpl2 [138658..139050], rpl2 [139713..140147]	[complement(21905..22670)], ycf3 [complement(41877..42566)], ycf3 [complement(42795..43489)], trnL-UAA [45902..46405], trnV-UAC [complement(48065..48657)], clpP [complement(66306..66970)], clpP [complement(67268..67968)], petB [71143..71600], petD [72432..73123], rpl16 [complement(77390..78228)], rpl2 [complement(80352..81013)], trnI-GAU [97564..98515], trnA-UGC [98658..99478], trnA-UGC [complement(120587..121407)], trnI-GAU [complement(121549..122500)], rpl2 [139051..139712]
1565.	GEHE	47	rps12 [complement(91022..91264)], rps12 [complement(64157..64270)], atpF [complement(9512..9944)], atpF [complement(10644..10801)], rpoC1 [complement(18309..19932)], rpoC1 [complement(20678..21111)], ycf3 [complement(40322..40474)], ycf3 [complement(41266..41493)], ycf3 [complement(42244..42369)], trnL [44757..44793], trnL [45173..45222], rps12 [124082..124312], rps12 [124847..124873], clpP [complement(64432..64676)], clpP [complement(65353..65645)], clpP [complement(66429..66496)], petB [69442..69447], petB [70165..70815], rpl16 [complement(75344..75745)], rpl16 [complement(76519..76527)], rpl2 [complement(78184..78618)], rpl2 [complement(79272..79664)], trnI [94848..94889], trnI [95786..95820], trnA [95884..95921], trnA [96749..96783], trnA [complement(118563..118597)], trnA [complement(119425..119462)], trnI [complement(119526..119560)], trnI [complement(120457..120498)], rpl2 [135682..136074], rpl2 [136728..137162]	atpF [complement(9945..10643)], rpoC1 [complement(19933..20677)], ycf3 [complement(40475..41265)], ycf3 [complement(41494..42243)], trnL [44794..45172], clpP [complement(64677..65352)], clpP [complement(65646..66428)], petB [69448..70164], rpl16 [complement(75746..76518)], rpl2 [complement(78619..79271)], trnI [94890..95785], trnA [95922..96748], trnA [complement(118598..119424)], trnI [complement(119561..120456)], rpl2 [136075..136727]
1566.	GEIN	41	trnG [19865..19887], trnG [20586..20633], atpF [complement(22890..23300)],	trnG [19888..20585], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(24049..24192)], petD [complement(30194..30668)], petD [complement(31414..31421)], petB [complement(31635..32276)], petB [complement(33154..33159)], rps12 [complement(161491..161604)], rps12 [38249..38480], rps12 [39022..39047], ndhB [39940..40686], ndhB [41376..42131], ndhA [complement(56231..56767)], ndhA [complement(57900..58451)], trnI [complement(70184..70218)], trnI [complement(71087..71123)], trnI [complement(73617..73651)], trnI [complement(74520..74556)], rpl2 [complement(81382..81906)], rpl2 [complement(82508..82906)], rpoC1 [complement(93103..94716)], rpoC1 [complement(95484..95915)], ycf3 [complement(127720..127872)], ycf3 [complement(128757..128984)], ycf3 [complement(129751..129879)], trnL [133510..133544], trnL [134034..134083]	[complement(23301..24048)], petD [complement(30669..31413)], petB [complement(32277..33153)], ndhB [40687..41375], ndhA [complement(56768..57899)], trnI [complement(70219..71086)], trnI [complement(73652..74519)], rpl2 [complement(81907..82507)], rpoC1 [complement(94717..95483)], ycf3 [complement(127873..128756)], ycf3 [complement(128985..129750)], trnL [133545..134033]
1567.	GEM A	26	rps12 [complement(66338..66451)], atpF [complement(11611..12020)], petB [71477..71482], petB [72200..72841], petD [73026..73033], petD [73754..74228], rpl16 [complement(77618..78016)], rpl16 [complement(78862..78870)]	trnK [complement(1722..4218)], trnG [8917..9654], atpF [complement(12021..12708)], rpoC1 [complement(22304..23056)], ycf3 [complement(42388..43099)], ycf3 [complement(43330..44038)], trnL [46492..47025], trnV [complement(48092..48746)], clpP [complement(66856..67546)], clpP [complement(67839..68580)], petB [71483..72199], petD [73034..73753], rpl16 [complement(78017..78861)], rpl2 [complement(81007..81671)], trnI [98239..99189], trnA [99327..100136], trnA [complement(121508..122317)], trnI [complement(122455..123405)]
1568.	GEM C	55	rps12 [complement(95061..95086)], rps12 [complement(95621..95852)], rps12 [complement(67871..67984)], trnK-UUU [complement(2075..2109)], trnK-UUU [complement(4621..4657)], trnG-UCC [7774..7796], trnG-UCC [8487..8534], atpF [complement(10477..10890)], atpF	trnK-UUU [complement(2110..4620)], trnG-UCC [7797..8486], atpF [complement(10891..11634)], rpoC1 [complement(21178..21925)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(11635..11793)], rpoC1 [complement(19555..21177)], rpoC1 [complement(21926..22360)], ycf3 [complement(41800..41952)], ycf3 [complement(42691..42918)], ycf3 [complement(43660..43785)], trnL-UAA [46420..46456], trnL-UAA [46833..46882], trnV-UAC [complement(49954..49990)], trnV-UAC [complement(50587..50624)], clpP [complement(68139..68384)], clpP [complement(69045..69335)], clpP [complement(70092..70160)], petB [73103..73108], petB [73814..74455], petD [74680..74687], petD [75451..75925], rpl16 [complement(79126..79524)], rpl16 [complement(80287..80295)], rpl2 [complement(81964..82398)], rpl2 [complement(83052..83444)], ndhB [complement(92040..92795)], ndhB [complement(93479..94255)], trnI-GAU [99308..99344], trnI-GAU [100276..100310], trnA-UGC [100380..100417], trnA-UGC [101232..101266], ndhA [complement(116045..116584)], ndhA [complement(117452..118012)]	[complement(41953..42690)], ycf3 [complement(42919..43659)], trnL-UAA [46457..46832], trnV-UAC [complement(49991..50586)], clpP [complement(68385..69044)], clpP [complement(69336..70091)], petB [73109..73813], petD [74688..75450], rpl16 [complement(79525..80286)], rpl2 [complement(82399..83051)], ndhB [complement(92796..93478)], trnI-GAU [99345..100275], trnA-UGC [100418..101231], ndhA [complement(116585..117451)]
1569.	GEM D	44	trnI-GAU [complement(709..743)], trnI-GAU [complement(1704..1745)], ndhB [complement(11891..12646)], ndhB [complement(13316..14062)], rps12 [52696..52809], rps12 [complement(15510..15741)], rps12 [complement(14945..14970)], rpoC1 [complement(25654..27273)], rpoC1 [complement(28036..28467)], petD [complement(45495..45969)], petD [complement(46721..46728)], petB [complement(46938..47579)], petB [complement(48441..48446)], trnG-UCC [72554..72576], trnG-UCC [73625..73671], atpF [complement(75836..76246)], atpF [complement(76990..77133)], rpl2 [82054..82443], rpl2 [83142..83576], trnG-UCC [95925..95947], trnG-UCC [96660..96707], trnL-UAA [complement(102502..102551)], trnL-UAA [complement(103020..103054)], ycf3 [106391..106516], ycf3 [107295..107522], ycf3 [108390..108542], trnK-UUU [125050..125086], trnK-UUU [127750..127784], ndhA [complement(135706..136244)], ndhA [complement(137287..137839)]	trnI-GAU [complement(744..1703)], ndhB [complement(12647..13315)], rpoC1 [complement(27274..28035)], petD [complement(45970..46720)], petB [complement(47580..48440)], trnG-UCC [72577..73624], atpF [complement(76247..76989)], rpl2 [82444..83141], trnG-UCC [95948..96659], trnL-UAA [complement(102552..103019)], ycf3 [106517..107294], ycf3 [107523..108389], trnK-UUU [125087..127749], ndhA [complement(136245..137286)]
1570.	GEOB	49	rps12 [complement(90854..91096)], rps12 [complement(63990..64103)], atpF [complement(9503..9935)], atpF [complement(10635..10792)], rpoC1 [complement(18300..19922)], rpoC1 [complement(20667..21101)], ycf3 [complement(40156..40308)], ycf3 [complement(41100..41327)], ycf3 [complement(42078..42203)], trnL [44599..44635], trnL [45015..45064], trnV	atpF [complement(9936..10634)], rpoC1 [complement(19923..20666)], ycf3 [complement(40309..41099)], ycf3 [complement(41328..42077)], trnL [44636..45014], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(46014..46050)], trnV [complement(46647..46684)], rps12 [123916..124179], clpP [complement(64265..64509)], clpP [complement(65186..65478)], clpP [complement(66262..66329)], petB [69275..69280], petB [69998..70648], rpl16 [complement(75176..75577)], rpl16 [complement(76351..76359)], rpl2 [complement(78016..78450)], rpl2 [complement(79104..79496)], trnI [94680..94721], trnI [95618..95652], trnA [95716..95753], trnA [96581..96615], trnA [complement(118418..118452)], trnA [complement(119280..119317)], trnI [complement(119381..119415)], trnI [complement(120312..120353)], rpl2 [135537..135929], rpl2 [136583..137017]	[complement(46051..46646)], clpP [complement(64510..65185)], clpP [complement(65479..66261)], petB [69281..69997], rpl16 [complement(75578..76350)], rpl2 [complement(78451..79103)], trnI [94722..95617], trnA [95754..96580], trnA [complement(118453..119279)], trnI [complement(119416..120311)], rpl2 [135930..136582]
1571.	GEOE	49	rps12 [complement(91008..91250)], rps12 [complement(64147..64260)], atpF [complement(9502..9934)], atpF [complement(10634..10791)], rpoC1 [complement(18299..19921)], rpoC1 [complement(20667..21101)], ycf3 [complement(40321..40473)], ycf3 [complement(41272..41499)], ycf3 [complement(42250..42375)], trnL [44763..44799], trnL [45179..45228], trnV [complement(46178..46214)], trnV [complement(46811..46848)], rps12 [124062..124304], clpP [complement(64422..64667)], clpP [complement(65344..65634)], clpP [complement(66417..66485)], petB [69430..69435], petB [70153..70803], rpl16 [complement(75330..75731)], rpl16 [complement(76505..76513)], rpl2 [complement(78170..78604)], rpl2 [complement(79258..79650)], trnI [94835..94876], trnI [95773..95807], trnA [95871..95908], trnA [96735..96769], trnA [complement(118543..118577)], trnA [complement(119404..119441)], trnI [complement(119505..119539)], trnI [complement(120436..120477)], rpl2 [135662..136054], rpl2 [136708..137142]	atpF [complement(9935..10633)], rpoC1 [complement(19922..20666)], ycf3 [complement(40474..41271)], ycf3 [complement(41500..42249)], trnL [44800..45178], trnV [complement(46215..46810)], clpP [complement(64668..65343)], clpP [complement(65635..66416)], petB [69436..70152], rpl16 [complement(75732..76504)], rpl2 [complement(78605..79257)], trnI [94877..95772], trnA [95909..96734], trnA [complement(118578..119403)], trnI [complement(119540..120435)], rpl2 [136055..136707]
1572.	GEOF	69	rps12 [complement(94388..94413)], rps12 [complement(94948..95179)], rps12 [complement(67219..67332)], trnK-UUU [complement(1668..1702)], trnK-UUU [complement(4204..4240)], trnG-UCC [7415..7437], trnG-UCC [8127..8174], atpF [complement(10117..10530)], atpF [complement(11275..11433)], rpoC1 [complement(19194..20816)], rpoC1 [complement(21559..21993)], ycf3 [complement(41226..41378)], ycf3 [complement(42117..42344)], ycf3 [complement(43085..43210)], trnL-UAA	trnK-UUU [complement(1703..4203)], trnG-UCC [7438..8126], atpF [complement(10531..11274)], rpoC1 [complement(20817..21558)], ycf3 [complement(41379..42116)], ycf3 [complement(42345..43084)], trnL-UAA [45878..46253], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[45841..45877], trnL-UAA [46254..46303], trnV-UAC [complement(49438..49474)], trnV-UAC [complement(50071..50108)], rps12 [134820..135051], rps12 [135586..135611], clpP [complement(67487..67732)], clpP [complement(68419..68682)], clpP [complement(69438..69506)], petB [72449..72454], petB [73159..73800], petD [74025..74032], petD [74796..75270], rpl16 [complement(78467..78865)], rpl16 [complement(79627..79635)], rpl2 [complement(81292..81726)], rpl2 [complement(82380..82772)], ndhB [complement(91368..92123)], ndhB [complement(92807..93583)], trnI-GAU [98635..98671], trnI-GAU [99601..99635], trnA-UGC [99705..99742], trnA-UGC [100557..100591], ndhA [complement(115358..115897)], ndhA [complement(116765..117325)], trnA-UGC [complement(129408..129442)], trnA-UGC [complement(130257..130294)], trnI-GAU [complement(130364..130398)], trnI-GAU [complement(131323..131364)], ndhB [136416..137192], ndhB [137876..138631], rpl2 [147227..147619], rpl2 [148273..148707]	[complement(49475..50070)], clpP [complement(67733..68418)], clpP [complement(68683..69437)], petB [72455..73158], petD [74033..74795], rpl16 [complement(78866..79626)], rpl2 [complement(81727..82379)], ndhB [complement(92124..92806)], trnI-GAU [98672..99600], trnA-UGC [99743..100556], ndhA [complement(115898..116764)], trnA-UGC [complement(129443..130256)], trnI-GAU [complement(130399..131322)], ndhB [137193..137875], rpl2 [147620..148272]
1573.	GEOR	50	rps12 [complement(90916..91158)], rps12 [complement(64061..64174)], atpF [complement(9502..9933)], atpF [complement(10636..10791)], rpoC1 [complement(18298..19921)], rpoC1 [complement(20667..21100)], ycf3 [complement(40292..40444)], ycf3 [complement(41234..41461)], ycf3 [complement(42212..42337)], trnL [44732..44768], trnL [45148..45197], trnV [complement(46132..46168)], trnV [complement(46765..46802)], rps12 [124044..124274], rps12 [124809..124835], clpP [complement(64336..64580)], clpP [complement(65257..65549)], clpP [complement(66333..66400)], petB [69345..69350], petB [70068..70718], rpl16 [complement(75246..75647)], rpl16 [complement(76413..76421)], rpl2 [complement(78078..78512)], rpl2 [complement(79166..79558)], trnI [94742..94783], trnI [95680..95714], trnA [95776..95815], trnA [96644..96678], trnA [complement(118524..118558)], trnA [complement(119387..119424)], trnI [complement(119488..119522)], trnI [complement(120419..120460)], rpl2 [135644..136036], rpl2 [136690..137124]	atpF [complement(9934..10635)], rpoC1 [complement(19922..20666)], ycf3 [complement(40445..41233)], ycf3 [complement(41462..42211)], trnL [44769..45147], trnV [complement(46169..46764)], clpP [complement(64581..65256)], clpP [complement(65550..66332)], petB [69351..70067], rpl16 [complement(75648..76412)], rpl2 [complement(78513..79165)], trnI [94784..95679], trnA [95816..96643], trnA [complement(118559..119386)], trnI [complement(119523..120418)], rpl2 [136037..136689]
1574.	GEPA	20	trnI-GAU [complement(713..747)], trnI-GAU [complement(1709..1745)], rps12 [52673..52786], rps12 [complement(14928..14953)], trnL-UAA	trnI-GAU [complement(748..1708)], ndhB [complement(12630..13298)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(102436..102485)], trnL-UAA [complement(102954..102988)], trnK-UUU [125043..125079], trnK-UUU [127750..127784]	[complement(27265..28026)], petD [complement(45949..46699)], petB [complement(47559..48415)], atpF [complement(76185..76927)], rpl2 [82377..83074], trnL-UAA [complement(102486..102953)], ycf3 [106516..107290], ycf3 [107519..108385], trnK-UUU [125080..127749], ndhA [complement(136245..137286)]
1575.	GEPY	63	rps12 [complement(93238..93264)], rps12 [complement(93802..94032)], rps12 [complement(65894..66007)], trnK-UUU [complement(1722..1757)], trnK-UUU [complement(4258..4294)], rps16 [complement(5125..5326)], rps16 [complement(6157..6200)], trnG-UCC [8870..8901], trnG-UCC [9609..9668], atpF [complement(11550..11958)], atpF [complement(12656..12801)], rpoC1 [complement(20288..21916)], rpoC1 [complement(22675..23130)], ycf3 [complement(41692..41844)], ycf3 [complement(42540..42767)], ycf3 [complement(43472..43600)], trnL-UAA [45865..45899], trnL-UAA [46410..46459], trnV-UAC [complement(48061..48119)], trnV-UAC [complement(48707..48738)], rps12 [126323..126553], rps12 [127091..127117], clpP [complement(66190..66417)], clpP [complement(67099..67395)], clpP [complement(68104..68172)], petB [71007..71011], petB [71731..72373], petD [72566..72574], petD [73267..73740], rpl16 [complement(77127..77529)], rpl16 [complement(78356..78363)], rpl2 [complement(80049..80483)], rpl2 [complement(81146..81538)], trnI-GAU [97664..97695], trnI-GAU [98648..98687], trnA-UGC [98752..98788], trnA-UGC [99610..99645], trnA-UGC [complement(120710..120745)], trnA-UGC [complement(121567..121603)], trnI-GAU [complement(121668..121707)], trnI-GAU [complement(122660..122691)], rpl2 [138817..139209], rpl2 [139872..140306]	trnK-UUU [complement(1758..4257)], rps16 [complement(5327..6156)], trnG-UCC [8902..9608], atpF [complement(11959..12655)], rpoC1 [complement(21917..22674)], ycf3 [complement(41845..42539)], ycf3 [complement(42768..43471)], trnL-UAA [45900..46409], trnV-UAC [complement(48120..48706)], clpP [complement(66418..67098)], clpP [complement(67396..68103)], petB [71012..71730], petD [72575..73266], rpl16 [complement(77530..78355)], rpl2 [complement(80484..81145)], trnI-GAU [97696..98647], trnA-UGC [98789..99609], trnA-UGC [complement(120746..121566)], trnI-GAU [complement(121708..122659)], rpl2 [139210..139871]
1576.	GERE	63	rps12 [complement(93224..93250)], rps12 [complement(93788..94018)], rps12 [complement(65891..66004)], trnK-UUU [complement(1704..1739)],	trnK-UUU [complement(1740..4240)], rps16 [complement(5321..6152)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4241..4277)], rps16 [complement(5119..5320)], rps16 [complement(6153..6196)], trnG-UCC [8872..8903], trnG-UCC [9611..9670], atpF [complement(11552..11960)], atpF [complement(12659..12804)], rpoC1 [complement(20288..21916)], rpoC1 [complement(22673..23128)], ycf3 [complement(41679..41831)], ycf3 [complement(42524..42751)], ycf3 [complement(43457..43585)], trnL-UAA [45857..45891], trnL-UAA [46403..46452], trnV-UAC [complement(48041..48099)], trnV-UAC [complement(48687..48718)], rps12 [126290..126520], rps12 [127058..127084], clpP [complement(66189..66416)], clpP [complement(67094..67390)], clpP [complement(68099..68167)], petB [70992..70996], petB [71716..72358], petD [72551..72559], petD [73252..73725], rpl16 [complement(77112..77514)], rpl16 [complement(78339..78346)], rpl2 [complement(80036..80470)], rpl2 [complement(81133..81525)], trnI-GAU [97650..97681], trnI-GAU [98634..98673], trnA-UGC [98738..98774], trnA-UGC [99596..99631], trnA-UGC [complement(120677..120712)], trnA-UGC [complement(121534..121570)], trnI-GAU [complement(121635..121674)], trnI-GAU [complement(122627..122658)], rpl2 [138783..139175], rpl2 [139838..140272]	[8904..9610], atpF [complement(11961..12658)], rpoC1 [complement(21917..22672)], ycf3 [complement(41832..42523)], ycf3 [complement(42752..43456)], trnL-UAA [45892..46402], trnV-UAC [complement(48100..48686)], clpP [complement(66417..67093)], clpP [complement(67391..68098)], petB [70997..71715], petD [72560..73251], rpl16 [complement(77515..78338)], rpl2 [complement(80471..81132)], trnI-GAU [97682..98633], trnA-UGC [98775..99595], trnA-UGC [complement(120713..121533)], trnI-GAU [complement(121675..122626)], rpl2 [139176..139837]
1577.	GERU	64	rps12 [complement(98903..98928)], rps12 [complement(99477..99708)], rps12 [complement(70742..70855)], trnK-UUU [complement(1635..1669)], trnK-UUU [complement(4275..4311)], rps16 [complement(5404..5616)], rps16 [complement(6512..6550)], rpoC1 [complement(20917..22530)], rpoC1 [complement(23249..23683)], ycf3 [complement(43614..43766)], ycf3 [complement(44520..44749)], ycf3 [complement(45471..45597)], trnL-UAA [48412..48448], trnL-UAA [48994..49043], trnV-UAC [complement(52444..52480)], trnV-UAC [complement(53067..53105)], clpP [complement(71016..71243)], clpP [complement(71938..72228)], clpP [complement(73081..73149)], petB [76090..76095], petB [76866..77522], petD [77717..77725], petD [78442..78915], rpl16 [complement(82603..83007)], rpl16 [complement(84075..84083)], rpl2 [complement(85836..86270)], rpl2 [complement(86934..87326)], ndhB [complement(95849..96604)], ndhB	trnK-UUU [complement(1670..4274)], rps16 [complement(5617..6511)], rpoC1 [complement(22531..23248)], ycf3 [complement(43767..44519)], ycf3 [complement(44750..45470)], trnL-UAA [48449..48993], trnV-UAC [complement(52481..53066)], clpP [complement(71244..71937)], clpP [complement(72229..73080)], petB [76096..76865], petD [77726..78441], rpl16 [complement(83008..84074)], rpl2 [complement(86271..86933)], ndhB [complement(96605..97284)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97285..98061)], trnI-GAU [103553..103574], trnI-GAU [104522..104556], trnA-UGC [104621..104658], trnA-UGC [105472..105506], ndhA [complement(121125..121664)], ndhA [complement(122868..123419)], trnA-UGC [complement(135745..135779)], trnA-UGC [complement(136593..136630)], trnI-GAU [complement(136695..136729)], trnI-GAU [complement(137677..137718)], ndhB [143190..143966], ndhB [144647..145402], rpl2 [153925..154314], rpl2 [154981..155415]	[103575..104521], trnA-UGC [104659..105471], ndhA [complement(121665..122867)], trnA-UGC [complement(135780..136592)], trnI-GAU [complement(136730..137676)], ndhB [143967..144646], rpl2 [154315..154980]
1578.	GESI	54	rps12 [complement(92818..92847)], rps12 [complement(93383..93613)], rps12 [complement(65905..66018)], atpF [complement(9791..10222)], atpF [complement(10937..11095)], rpoC1 [complement(18891..20508)], rpoC1 [complement(21254..21687)], ycf3 [complement(40409..40561)], ycf3 [complement(41316..41543)], ycf3 [complement(42287..42412)], rps12 [133256..133487], rps12 [134023..134051], clpP [complement(66173..66404)], clpP [complement(67063..67353)], clpP [complement(68087..68154)], petB [71014..71022], petB [71719..72366], rpl16 [complement(77006..77407)], rpl16 [complement(78169..78177)], rpl2 [complement(79852..80286)], rpl2 [complement(80941..81333)], ndhB [complement(89802..90557)], ndhB [complement(91241..92017)], trnI [97197..97238], trnI [98184..98218], trnA [98280..98317], trnA [99141..99175], ndhA [complement(113800..114338)], ndhA [complement(115197..115758)], trnA [complement(127694..127728)], trnA [complement(128552..128589)], trnI [complement(128651..128685)], trnI [complement(129631..129672)], ndhB [134852..135628], ndhB [136312..137067], rpl2 [145536..145928], rpl2 [146583..147017]	atpF [complement(10223..10936)], rpoC1 [complement(20509..21253)], ycf3 [complement(40562..41315)], ycf3 [complement(41544..42286)], clpP [complement(66405..67062)], clpP [complement(67354..68086)], petB [71023..71718], rpl16 [complement(77408..78168)], rpl2 [complement(80287..80940)], ndhB [complement(90558..91240)], trnI [97239..98183], trnA [98318..99140], ndhA [complement(114339..115196)], trnA [complement(127729..128551)], trnI [complement(128686..129630)], ndhB [135629..136311], rpl2 [145929..146582]
1579.	GESP	69	rps12 [complement(94391..94416)], rps12 [complement(94951..95182)], rps12 [complement(67224..67337)], trnK-UUU [complement(1668..1702)], trnK-UUU [complement(4204..4240)], trnG-UCC [7415..7437], trnG-UCC [8127..8174], atpF [complement(10117..10530)], atpF [complement(11275..11433)], rpoC1 [complement(19194..20816)], rpoC1 [complement(21559..21993)], ycf3 [complement(41230..41382)], ycf3 [complement(42121..42348)], ycf3 [complement(43090..43215)], trnL-UAA [45846..45882], trnL-UAA [46259..46308], trnV-UAC [complement(49442..49478)], trnV-UAC [complement(50075..50112)], rps12	trnK-UUU [complement(1703..4203)], trnG-UCC [7438..8126], atpF [complement(10531..11274)], rpoC1 [complement(20817..21558)], ycf3 [complement(41383..42120)], ycf3 [complement(42349..43089)], trnL-UAA [45883..46258], trnV-UAC [complement(49479..50074)], clpP [complement(67738..68423)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[134848..135079], rps12 [135614..135639], clpP [complement(67492..67737)], clpP [complement(68424..68687)], clpP [complement(69444..69512)], petB [72455..72460], petB [73165..73806], petD [74031..74038], petD [74802..75276], rpl16 [complement(78471..78869)], rpl16 [complement(79631..79639)], rpl2 [complement(81295..81729)], rpl2 [complement(82383..82775)], ndhB [complement(91371..92126)], ndhB [complement(92810..93586)], trnI-GAU [98638..98674], trnI-GAU [99604..99638], trnA-UGC [99708..99745], trnA-UGC [100560..100594], ndhA [complement(115362..115901)], ndhA [complement(116769..117329)], trnA-UGC [complement(129436..129470)], trnA-UGC [complement(130285..130322)], trnI-GAU [complement(130392..130426)], trnI-GAU [complement(131351..131392)], ndhB [136444..137220], ndhB [137904..138659], rpl2 [147255..147647], rpl2 [148301..148735]	[complement(68688..69443)], petB [72461..73164], petD [74039..74801], rpl16 [complement(78870..79630)], rpl2 [complement(81730..82382)], ndhB [complement(92127..92809)], trnI-GAU [98675..99603], trnA-UGC [99746..100559], ndhA [complement(115902..116768)], trnA-UGC [complement(129471..130284)], trnI-GAU [complement(130427..131350)], ndhB [137221..137903], rpl2 [147648..148300]
1580.	GEST	69	rps12 [complement(94509..94534)], rps12 [complement(95069..95300)], rps12 [complement(67322..67435)], trnK-UUU [complement(1668..1702)], trnK-UUU [complement(4202..4238)], trnG-UCC [7449..7471], trnG-UCC [8161..8208], atpF [complement(10151..10564)], atpF [complement(11309..11467)], rpoC1 [complement(19228..20850)], rpoC1 [complement(21592..22026)], ycf3 [complement(41320..41472)], ycf3 [complement(42211..42438)], ycf3 [complement(43178..43303)], trnL-UAA [45931..45967], trnL-UAA [46344..46393], trnV-UAC [complement(49529..49565)], trnV-UAC [complement(50162..50199)], rps12 [134932..135163], rps12 [135698..135723], clpP [complement(67590..67835)], clpP [complement(68522..68785)], clpP [complement(69540..69608)], petB [72551..72556], petB [73261..73902], petD [74127..74134], petD [74898..75372], rpl16 [complement(78580..78978)], rpl16 [complement(79748..79756)], rpl2 [complement(81414..81848)], rpl2 [complement(82501..82893)], ndhB [complement(91489..92244)], ndhB [complement(92928..93704)], trnI-GAU [98755..98791], trnI-GAU [99720..99754], trnA-UGC [99824..99861], trnA-UGC [100675..100709], ndhA [complement(115484..116023)], ndhA [complement(116891..117451)], trnA-UGC [complement(129523..129557)], trnA-UGC	trnK-UUU [complement(1703..4201)], trnG-UCC [7472..8160], atpF [complement(10565..11308)], rpoC1 [complement(20851..21591)], ycf3 [complement(41473..42210)], ycf3 [complement(42439..43177)], trnL-UAA [45968..46343], trnV-UAC [complement(49566..50161)], clpP [complement(67836..68521)], clpP [complement(68786..69539)], petB [72557..73260], petD [74135..74897], rpl16 [complement(78979..79747)], rpl2 [complement(81849..82500)], ndhB [complement(92245..92927)], trnI-GAU [98792..99719], trnA-UGC [99862..100674], ndhA [complement(116024..116890)], trnA-UGC [complement(129558..130370)], trnI-GAU [complement(130513..131435)], ndhB [137305..137987], rpl2 [147732..148383]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(130371..130408)], trnI-GAU [complement(130478..130512)], trnI-GAU [complement(131436..131477)], ndhB [136528..137304], ndhB [137988..138743], rpl2 [147339..147731], rpl2 [148384..148818]	
1581.	GETE	62	rps12 [complement(92081..92116)], rps12 [complement(92655..92885)], rps12 [complement(69949..70062)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3936..3973)], rps16 [complement(4530..4745)], rps16 [complement(5575..5616)], trnG-UCC [complement(13620..13671)], trnG-UCC [complement(14314..14336)], atpF [35250..35408], atpF [36239..36646], ycf3 [complement(44415..44573)], ycf3 [complement(45298..45525)], ycf3 [complement(46271..46402)], trnL-UAA [49171..49205], trnL-UAA [49746..49795], trnV-UAC [complement(53219..53255)], trnV-UAC [complement(53858..53896)], petB [73804..73809], petB [74624..75265], petD [75464..75472], petD [76222..76695], rpl16 [complement(80312..80713)], rpl16 [complement(81812..81820)], rpl2 [complement(83808..84239)], rpl2 [complement(84900..85292)], ndhB [complement(89012..89767)], ndhB [complement(90480..91256)], trnI-GAU [96716..96757], trnI-GAU [97704..97738], trnA-UGU [97804..97841], trnA-UGU [98653..98687], ndhA [complement(114755..115294)], ndhA [complement(116326..116874)], trnA-UGC [complement(124246..124280)], trnA-UGC [complement(125092..125129)], trnI-GAU [complement(125195..125229)], trnI-GAU [complement(126176..126217)], ndhB [131677..132453], ndhB [133166..133921], rpl2 [137641..138033], rpl2 [138694..139125]	trnK-UUU [complement(1410..3935)], rps16 [complement(4746..5574)], trnG-UCC [complement(13672..14313)], atpF [35409..36238], ycf3 [complement(44574..45297)], ycf3 [complement(45526..46270)], trnL-UAA [49206..49745], trnV-UAC [complement(53256..53857)], petB [73810..74623], petD [75473..76221], rpl16 [complement(80714..81811)], rpl2 [complement(84240..84899)], ndhB [complement(89768..90479)], trnI-GAU [96758..97703], trnA-UGU [97842..98652], ndhA [complement(115295..116325)], trnA-UGC [complement(124281..125091)], trnI-GAU [complement(125230..126175)], ndhB [132454..133165], rpl2 [138034..138693]
1582.	GETI	69	rps12 [complement(94427..94452)], rps12 [complement(94987..95218)], rps12 [complement(67257..67370)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4277..4313)], trnG-UCC [7353..7375], trnG-UCC [8066..8113], atpF [complement(10056..10469)], atpF [complement(11213..11371)], rpoC1 [complement(19130..20752)], rpoC1 [complement(21501..21935)], ycf3 [complement(41248..41400)], ycf3 [complement(42139..42366)], ycf3 [complement(43106..43231)], trnL-UAA [45862..45898], trnL-UAA [46275..46324], trnV-UAC [complement(49394..49430)], trnV-UAC [complement(50027..50064)], rps12 [134711..134942], rps12 [135477..135502], clpP [complement(67525..67770)],	trnK-UUU [complement(1776..4276)], trnG-UCC [7376..8065], atpF [complement(10470..11212)], rpoC1 [complement(20753..21500)], ycf3 [complement(41401..42138)], ycf3 [complement(42367..43105)], trnL-UAA [45899..46274], trnV-UAC [complement(49431..50026)], clpP [complement(67771..68429)], clpP [complement(68721..69475)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(68430..68720)], clpP [complement(69476..69544)], petB [72486..72491], petB [73197..73838], petD [74063..74070], petD [74834..75308], rpl16 [complement(78509..78907)], rpl16 [complement(79670..79678)], rpl2 [complement(81336..81770)], rpl2 [complement(82424..82816)], ndhB [complement(91406..92161)], ndhB [complement(92845..93621)], trnI-GAU [98627..98663], trnI-GAU [99593..99627], trnA-UGC [99697..99734], trnA-UGC [100549..100583], ndhA [complement(115322..115861)], ndhA [complement(116729..117289)], trnA-UGC [complement(129346..129380)], trnA-UGC [complement(130195..130232)], trnI-GAU [complement(130302..130336)], trnI-GAU [complement(131261..131302)], ndhB [136308..137084], ndhB [137768..138523], rpl2 [147113..147505], rpl2 [148159..148593]</p>	<p>[72492..73196], petD [74071..74833], rpl16 [complement(78908..79669)], rpl2 [complement(81771..82423)], ndhB [complement(92162..92844)], trnI-GAU [98664..99592], trnA-UGC [99735..100548], ndhA [complement(115862..116728)], trnA-UGC [complement(129381..130194)], trnI-GAU [complement(130337..131260)], ndhB [137085..137767], rpl2 [147506..148158]</p>
1583.	GETU	63	<p>rps12 [complement(93675..93701)], rps12 [complement(94239..94469)], rps12 [complement(66232..66345)], trnK-UUU [complement(1626..1661)], trnK-UUU [complement(4165..4201)], rps16 [complement(5046..5259)], rps16 [complement(6096..6139)], trnG-UCC [8818..8849], trnG-UCC [9560..9619], atpF [complement(11548..11955)], atpF [complement(12657..12803)], rpoC1 [complement(20513..22133)], rpoC1 [complement(22893..23350)], ycf3 [complement(42059..42211)], ycf3 [complement(42924..43151)], ycf3 [complement(43876..44004)], trnL-UAA [46214..46248], trnL-UAA [46760..46809], trnV-UAC [complement(48405..48439)], trnV-UAC [complement(49050..49087)], rps12 [126556..126786], rps12 [127324..127350], clpP [complement(66538..66765)], clpP [complement(67442..67738)], clpP [complement(68487..68555)], petB [71661..71665], petB [72128..72770], petD [72950..72958], petD [73677..74150], rpl16 [complement(77550..77952)], rpl16 [complement(78810..78817)], rpl2 [complement(80507..80941)], rpl2 [complement(81604..81987)], trnI-GAU [98117..98148], trnI-GAU [99101..99140], trnA-UGC [99148..99205], trnA-UGC [100063..100098], trnA-UGC [complement(120927..120962)], trnA-UGC [complement(121784..121820)], trnI-GAU [complement(121885..121924)], trnI-GAU [complement(122877..122908)], rpl2 [139038..139421], rpl2</p>	<p>trnK-UUU [complement(1662..4164)], rps16 [complement(5260..6095)], trnG-UCC [8850..9559], atpF [complement(11956..12656)], rpoC1 [complement(22134..22892)], ycf3 [complement(42212..42923)], ycf3 [complement(43152..43875)], trnL-UAA [46249..46759], trnV-UAC [complement(48440..49049)], clpP [complement(66766..67441)], clpP [complement(67739..68486)], petB [71666..72127], petD [72959..73676], rpl16 [complement(77953..78809)], rpl2 [complement(80942..81603)], trnI-GAU [98149..99100], trnA-UGC [99206..100062], trnA-UGC [complement(120963..121783)], trnI-GAU [complement(121925..122876)], rpl2 [139422..140083]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140084..140518]	
1584.	GEVE	52	rps12 [complement(91032..91274)], rps12 [complement(64160..64273)], atpF [complement(9502..9934)], atpF [complement(10634..10791)], rpoC1 [complement(18299..19921)], rpoC1 [complement(20667..21101)], ycf3 [complement(40323..40475)], ycf3 [complement(41267..41494)], ycf3 [complement(42246..42371)], trnL [44767..44803], trnL [45183..45232], trnV [complement(46182..46218)], trnV [complement(46815..46852)], rps12 [124126..124368], clpP [complement(64435..64679)], clpP [complement(65356..65648)], clpP [complement(66432..66499)], petB [69445..69450], petB [70168..70818], rpl16 [complement(75345..75746)], rpl16 [complement(76529..76537)], rpl2 [complement(78194..78628)], rpl2 [complement(79282..79674)], trnI [94858..94899], trnI [95796..95830], trnA [95894..95931], trnA [96758..96792], ndhF [complement(102057..102335)], ndhF [complement(102528..102743)], trnA [complement(118608..118642)], trnA [complement(119469..119506)], trnI [complement(119570..119604)], trnI [complement(120501..120542)], rpl2 [135726..136118], rpl2 [136772..137206]	atpF [complement(9935..10633)], rpoC1 [complement(19922..20666)], ycf3 [complement(40476..41266)], ycf3 [complement(41495..42245)], trnL [44804..45182], trnV [complement(46219..46814)], clpP [complement(64680..65355)], clpP [complement(65649..66431)], petB [69451..70167], rpl16 [complement(75747..76528)], rpl2 [complement(78629..79281)], trnI [94900..95795], trnA [95932..96757], ndhF [complement(102336..102527)], trnA [complement(118643..119468)], trnI [complement(119605..120500)], rpl2 [136119..136771]
1585.	GEVI	63	rps12 [complement(95178..95204)], rps12 [complement(95741..95971)], rps12 [complement(67737..67850)], trnK-UUU [complement(1662..1697)], trnK-UUU [complement(4202..4238)], rps16 [complement(5103..5316)], rps16 [complement(6151..6194)], trnG-UCC [8705..8736], trnG-UCC [9421..9480], atpF [complement(11402..11809)], atpF [complement(12475..12621)], rpoC1 [complement(20377..21995)], rpoC1 [complement(22714..23170)], ycf3 [complement(42169..42321)], ycf3 [complement(43034..43261)], ycf3 [complement(43972..44100)], trnL-UAA [46317..46351], trnL-UAA [46842..46891], trnV-UAC [complement(49570..49625)], trnV-UAC [complement(50189..50222)], rps12 [128526..128756], rps12 [129293..129319], clpP [complement(68010..68237)], clpP [complement(68882..69181)], clpP [complement(69911..69979)], petB [73099..73103], petB [73575..74217], petD [74423..74431], petD [75116..75589], rpl16 [complement(78992..79394)], rpl16 [complement(80236..80243)], rpl2 [complement(81945..82379)], rpl2	trnK-UUU [complement(1698..4201)], rps16 [complement(5317..6150)], trnG-UCC [8737..9420], atpF [complement(11810..12474)], rpoC1 [complement(21996..22713)], ycf3 [complement(42322..43033)], ycf3 [complement(43262..43971)], trnL-UAA [46352..46841], trnV-UAC [complement(49626..50188)], clpP [complement(68238..68881)], clpP [complement(69182..69910)], petB [73104..73574], petD [74432..75115], rpl16 [complement(79395..80235)], rpl2 [complement(82380..83041)], trnI-GAU [99644..100590], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(83042..83434)], trnI-GAU [99612..99643], trnI-GAU [100591..100630], trnA-UGC [100695..100731], trnA-UGC [101553..101588], trnA-UGC [complement(122909..122944)], trnA-UGC [complement(123766..123802)], trnI-GAU [complement(123867..123906)], trnI-GAU [complement(124854..124885)], rpl2 [141063..141455], rpl2 [142118..142552]	[100732..101552], trnA-UGC [complement(122945..123765)], trnI-GAU [complement(123907..124853)], rpl2 [141456..142117]
1586.	GIBI	22	trnK-UUU [complement(1942..1970)], trnK-UUU [complement(4441..4477)], ndhB [complement(103676..103720)]	trnK-UUU [complement(1971..4440)], rps16 [complement(5417..6231)], trnG-GCC [10933..11775], atpF [complement(14199..14939)], rpoC1 [complement(24288..24983)], ycf3 [complement(47024..47750)], ycf3 [complement(47979..48682)], trnL-UAA [complement(51369..51869)], trnV-UAC [complement(56302..56840)], clpP [complement(75120..75699)], clpP [complement(75991..76769)], rpl22 [complement(88118..88129)], rpl2 [complement(89288..90007)], ndhB [complement(102204..102938)], ndhB [complement(103662..103675)], trnI-GAU [109112..110051], trnA-UGC [complement(110373..111151)], trnA-UGC [complement(145094..145872)], trnI-GAU [complement(146194..147133)]
1587.	GIPH	66	rps12 [complement(98612..98637)], rps12 [complement(99179..99410)], rps12 [complement(71170..71283)], trnK-UUU [complement(1846..1880)], trnK-UUU [complement(4409..4445)], rps16 [complement(4943..5168)], rps16 [complement(6082..6122)], trnG-UCC [9193..9215], trnG-UCC [9903..9950], atpF [complement(11910..12319)], atpF [complement(13050..13194)], rpoC1 [complement(20826..22436)], rpoC1 [complement(23199..23630)], ycf3 [complement(43170..43322)], ycf3 [complement(44075..44302)], ycf3	trnK-UUU [complement(1881..4408)], rps16 [complement(5169..6081)], trnG-UCC [9216..9902], atpF [complement(12320..13049)], rpoC1 [complement(22437..23198)], ycf3 [complement(43323..44074)], ycf3 [complement(44303..45077)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45078..45203)], trnL-UAA [48160..48196], trnL-UAA [48795..48844], trnV-UAC [complement(52800..52834)], trnV-UAC [complement(53438..53475)], rps12 [140883..141114], rps12 [141656..141681], clpP [complement(71439..71666)], clpP [complement(72266..72557)], clpP [complement(73464..73534)], petB [76489..76494], petB [77205..77846], petD [78062..78069], petD [78848..79322], rpl16 [complement(82781..83179)], rpl16 [complement(84191..84199)], ndhB [complement(95583..96338)], ndhB [complement(97003..97779)], trnI-GAU [102962..102998], trnI-GAU [103945..103979], trnA-UGC [104044..104081], trnA-UGC [104901..104935], ndhA [complement(120827..121365)], ndhA [complement(122437..122989)], trnA-UGC [complement(135358..135392)], trnA-UGC [complement(136212..136249)], trnI-GAU [complement(136314..136348)], trnI-GAU [complement(137295..137331)], ndhB [142514..143290], ndhB [143955..144710]	[48197..48794], trnV-UAC [complement(52835..53437)], clpP [complement(71667..72265)], clpP [complement(72558..73463)], petB [76495..77204], petD [78070..78847], rpl16 [complement(83180..84190)], ndhB [complement(96339..97002)], trnI-GAU [102999..103944], trnA-UGC [104082..104900], ndhA [complement(121366..122436)], trnA-UGC [complement(135393..136211)], trnI-GAU [complement(136349..137294)], ndhB [143291..143954]
1588.	GISU	73	rps12 [complement(100068..100093)], rps12 [complement(100631..100862)], rps12 [complement(71907..72020)], trnK-UUU [complement(1841..1875)], trnK-UUU [complement(4428..4464)], rps16 [complement(5441..5670)], rps16 [complement(6571..6610)], trnG-UCC [9338..9360], trnG-UCC [10055..10102], atpF [complement(12283..12692)], atpF [complement(13461..13605)], rpoC1 [complement(21691..23301)], rpoC1 [complement(24104..24535)], ycf3 [complement(43412..43564)], ycf3 [complement(44328..44555)], ycf3 [complement(45349..45474)], trnL-UAA [48807..48841], trnL-UAA [49328..49377], trnV-UAC [complement(52558..52592)], trnV-UAC [complement(53189..53227)], rps12 [complement(71907..72020)], rps12 [143161..143392], rps12 [143930..143955], clpP [complement(72170..72397)], clpP [complement(73089..73380)], clpP [complement(74225..74295)], petB [77202..77207], petB [77963..78604], petD [78812..78819], petD [79549..80023], rpl16 [complement(83463..83861)], rpl16 [complement(84880..84888)], rpl2 [complement(86672..87105)], rpl2 [complement(87795..88185)], ndhB [complement(97002..97757)], ndhB	trnK-UUU [complement(1876..4427)], rps16 [complement(5671..6570)], trnG-UCC [9361..10054], atpF [complement(12693..13460)], rpoC1 [complement(23302..24103)], ycf3 [complement(43565..44327)], ycf3 [complement(44556..45348)], trnL-UAA [48842..49327], trnV-UAC [complement(52593..53188)], clpP [complement(72398..73088)], clpP [complement(73381..74224)], petB [77208..77962], petD [78820..79548], rpl16 [complement(83862..84879)], rpl2 [complement(87106..87794)], ndhB [complement(97758..98442)], trnI-GAU [104717..105660], trnA-UGC [105798..106594], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98443..99219)], trnI-GAU [104680..104716], trnI-GAU [105661..105695], trnA-UGC [105760..105797], trnA-UGC [106595..106629], ndhA [complement(122605..123144)], ndhA [complement(124363..124914)], trnA-UGC [complement(137394..137428)], trnA-UGC [complement(138226..138263)], trnI-GAU [complement(138328..138362)], trnI-GAU [complement(139307..139343)], ndhB [144804..145580], ndhB [146266..147021], rpl2 [155838..156228], rpl2 [156918..157351]	[complement(123145..124362)], trnA-UGC [complement(137429..138225)], trnI-GAU [complement(138363..139306)], ndhB [145581..146265], rpl2 [156229..156917]
1589.	GLCA	24	rps12 [138941..138966]	trnK-UUU [complement(1672..4234)], trnV-UAC [9865..10441], trnL-UAA [complement(13627..14131)], ycf3 [16533..17231], ycf3 [17460..18208], rpoC1 [38413..39193], atpF [49005..49753], trnG-UCC [complement(52330..53020)], rps16 [55728..56614], clpP [complement(69235..70022)], clpP [complement(70315..71022)], petB [73964..74772], petD [75619..76348], rpl16 [complement(81029..82188)], rpl2 [complement(84130..84834)], ndhB [complement(94835..95520)], trnI-GAU [101821..102777], trnA-UGC [102915..103724], ndhA [116550..117827], trnA-UGC [complement(132367..133176)], trnI-UAG [complement(133314..134270)], ndhB [140571..141256], rpl2 [151260..151964]
1590.	GLCH	26	trnK-UUU [complement(1710..1738)], trnK-UUU [complement(4260..4296)], rps16 [complement(5484..5698)], trnG-UCC [9716..9738], trnG-UCC [10416..10463], trnL-UAA [47351..47387], trnL-UAA [47935..47984], trnV-UAC [complement(51796..51832)], trnV-UAC [complement(52410..52447)], rps12 [143346..143372], trnI-GAU [103669..103710], trnI-GAU [104659..104693], trnA-UGC [104758..104795], trnA-UGC [105602..105636],	trnK-UUU [complement(1739..4259)], trnG-UCC [9739..10415], trnL-UAA [47388..47934], trnV-UAC [complement(51833..52409)], trnI-GAU [103711..104658], trnA-UGC [104796..105601], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(136754..136788)], trnA-UGC [complement(137595..137632)], trnI-GAU [complement(137697..137731)], trnI-GAU [complement(138680..138721)]	[complement(136789..137594)], trnI-GAU [complement(137732..138679)]
1591.	GLCY	25	rpoC1 [39055..40701], rps12 [138731..138756]	trnK-UUU [complement(1684..4241)], trnV-UAC [9762..10334], trnL-UAA [complement(13492..13991)], ycf3 [16413..17109], ycf3 [17338..18086], rpoC1 [38248..39054], atpF [48934..49687], trnG-UCC [complement(52271..52961)], rps16 [55758..56670], clpP [complement(69243..70014)], clpP [complement(70307..71014)], petB [73957..74763], petD [75611..76333], rpl16 [complement(81003..82178)], rpl2 [complement(84191..84909)], ndhB [complement(94898..95588)], trnI-GAU [101889..102845], trnA-UGC [102983..103653], ndhA [116515..117784], trnA-UGC [complement(132296..132966)], trnI-UAG [complement(133104..134060)], ndhB [140361..141051], rpl2 [151043..151761]
1592.	GLDO	24	rps12 [139213..139238]	trnK-UUU [complement(1672..4234)], trnV-UAC [9867..10444], trnL-UAA [complement(13624..14128)], ycf3 [16537..17235], ycf3 [17464..18212], rpoC1 [38442..39224], atpF [49044..49792], trnG-UCC [complement(52367..53057)], rps16 [55794..56682], clpP [complement(69452..70254)], clpP [complement(70547..71254)], petB [74192..75000], petD [75847..76574], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(81264..82419)], rpl2 [complement(84370..85088)], ndhB [complement(95089..95774)], trnI-GAU [102075..103031], trnA-UGC [103169..103978], ndhA [116804..118068], trnA-UGC [complement(132639..133448)], trnI-UAG [complement(133586..134542)], ndhB [140843..141528], rpl2 [151532..152250]
1593.	GLFA	24	rps12 [139421..139446]	trnK-UUU [complement(1681..4246)], trnV-UAC [9890..10466], trnL-UAA [complement(13626..14157)], ycf3 [16567..17265], ycf3 [17494..18242], rpoC1 [38563..39349], atpF [49160..49910], trnG-UCC [complement(52510..53201)], rps16 [55925..56812], clpP [complement(69650..70425)], clpP [complement(70718..71425)], petB [74367..75179], petD [76026..76745], rpl16 [complement(81450..82637)], rpl2 [complement(84582..85308)], ndhB [complement(95307..95997)], trnI-GAU [102298..103254], trnA-UGC [103392..104201], ndhA [117046..118315], trnA-UGC [complement(132847..133656)], trnI-UAG [complement(133794..134750)], ndhB [141051..141741], rpl2 [151743..152469]
1594.	GLGL	30	rps12 [complement(97527..97796)], rps12 [complement(70642..70755)], trnK-UUU [complement(1765..1793)], trnK-UUU [complement(4331..4367)], trnV-UAC [9933..9971], trnV-UAC [10544..10580], trnL-UAA [complement(13891..13940)], trnL-UAA [complement(14437..14473)], trnG-	trnK-UUU [complement(1794..4330)], trnV-UAC [9972..10543], trnL-UAA [complement(13941..14436)], ycf3 [17731..18445], ycf3 [18674..19407], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(53903..53951)], trnG-UCC [complement(54638..54660)], trnI-GAU [101613..101654], trnI-GAU [102433..102467], trnA-UGC [102536..102573], trnA-UGC [103386..103420]	[40012..40705], atpF [50573..51212], trnG-UCC [complement(53952..54637)], petB [74871..75679], petD [76571..77277], rpl16 [complement(82120..83212)], rpl2 [complement(85214..85920)], ndhB [complement(95238..95922)], trnI-GAU [101655..102432], trnA-UGC [102574..103385], ndhA [116470..117679]
1595.	GLGR	45	rps12 [complement(96743..96768)], rps12 [complement(97300..97531)], rps12 [complement(68190..68303)], trnK-UUU [complement(1638..1672)], trnK-UUU [complement(4250..4286)], trnV-UAC [9832..9870], trnV-UAC [10459..10493], trnL-UAA [complement(13549..13598)], trnL-UAA [complement(14107..14143)], trnG-UCC [complement(51973..52021)], trnG-UCC [complement(52714..52736)], rps12 [138626..138651], rpl16 [complement(80200..80598)], rpl16 [complement(81766..81774)], trnI-GAU [101394..101435], trnI-GAU [102384..102418], trnA-UGC [102483..102520], trnA-UGC [103331..103365], trnA-UGC [complement(132029..132063)], trnA-UGC [complement(132874..132911)], trnI-GAU [complement(132976..133010)], trnI-GAU [complement(133964..134001)]	trnK-UUU [complement(1673..4249)], trnV-UAC [9871..10458], trnL-UAA [complement(13599..14106)], ycf3 [16556..17251], ycf3 [17480..18223], rpoC1 [37921..38722], atpF [48649..49384], trnG-UCC [complement(52022..52713)], rps16 [55256..56141], clpP [complement(68745..69518)], clpP [complement(69811..70522)], petB [73488..74294], petD [75141..75868], rpl16 [complement(80599..81765)], rpl2 [complement(83733..84451)], ndhB [complement(94448..95138)], trnI-GAU [101436..102383], trnA-UGC [102521..103330], ndhA [116194..117461], trnA-UGC [complement(132064..132873)], trnI-GAU [complement(133011..133963)], ndhB [140256..140946], rpl2 [150946..151625]
1596.	GLIN	28	trnK-UUU [complement(1765..1793)], trnK-UUU [complement(4325..4361)], trnV-UAC [9927..9965], trnV-UAC [10538..10574], trnL-UAA [complement(13885..13934)], trnL-UAA [complement(14431..14467)], trnG-UCC [complement(53823..53873)], trnG-UCC [complement(54558..54580)], trnI-GAU [101573..101614], trnI-GAU [102393..102427], trnA-UGC	trnK-UUU [complement(1794..4324)], trnV-UAC [9966..10537], trnL-UAA [complement(13935..14430)], ycf3 [17743..18457], ycf3 [18686..19425], rpoC1 [39929..40622], atpF [50499..51138], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[102496..102533], trnA-UGC [103344..103380]	UCC [complement(53874..54557)], petB [74801..75609], petD [76501..77207], rpl16 [complement(82051..83142)], rpl2 [complement(85144..85850)], ndhB [complement(95198..95882)], trnI-GAU [101615..102392], trnA-UGC [102534..103343], ndhA [116445..117654]
1597.	GLLE	49	rps12 [complement(97532..97801)], rps12 [complement(70630..70743)], trnK-UUU [complement(1765..1793)], trnK-UUU [complement(4331..4367)], trnV-UAC [9934..9972], trnV-UAC [10545..10581], trnL-UAA [complement(13892..13941)], trnL-UAA [complement(14438..14474)], ycf3 [17612..17737], ycf3 [18453..18680], ycf3 [19415..19567], rpoC1 [39572..40003], rpoC1 [40698..42320], atpF [50395..50562], atpF [51203..51613], trnG-UCC [complement(53892..53942)], trnG-UCC [complement(54627..54649)], petB [74871..74876], petB [75685..76326], petD [76568..76575], petD [77283..77757], rpl16 [complement(81726..82124)], rpl16 [complement(83217..83225)], rpl2 [complement(84783..85217)], rpl2 [complement(85925..86323)], ndhB [complement(94487..95242)], ndhB [complement(95928..96650)], trnI-GAU [101618..101659], trnI-GAU [102438..102472], trnA-UGC [102541..102578], trnA-UGC [103391..103425], ndhA [115915..116466], ndhA [117677..118216]	trnK-UUU [complement(1794..4330)], trnV-UAC [9973..10544], trnL-UAA [complement(13942..14437)], ycf3 [17738..18452], ycf3 [18681..19414], rpoC1 [40004..40697], atpF [50563..51202], trnG-UCC [complement(53943..54626)], petB [74877..75684], petD [76576..77282], rpl16 [complement(82125..83216)], rpl2 [complement(85218..85924)], ndhB [complement(95243..95927)], trnI-GAU [101660..102437], trnA-UGC [102579..103390], ndhA [116467..117676]
1598.	GLLI	69	rps12 [complement(98140..98165)], rps12 [complement(98702..98933)], rps12 [complement(71077..71190)], trnK-UUU [complement(2565..2599)], trnK-UUU [complement(5129..5165)], rps16 [complement(5883..6079)], rps16 [complement(6933..6972)], trnG-UCC [10022..10044], trnG-UCC [10743..10790], atpF [complement(12681..13081)], atpF [complement(13797..13941)], rpoC1 [complement(21907..23511)], rpoC1 [complement(24280..24711)], ycf3 [complement(44332..44484)], ycf3 [complement(45261..45488)], ycf3 [complement(46208..46333)], trnL-UAA [49389..49423], trnL-UAA [49920..49969], trnV-UAC [complement(53565..53599)], trnV-UAC [complement(54172..54210)], rps12 [142041..142272], rps12 [142809..142834], clpP [complement(71336..71566)],	trnK-UUU [complement(2600..5128)], rps16 [complement(6080..6932)], trnG-UCC [10045..10742], atpF [complement(13082..13796)], rpoC1 [complement(23512..24279)], ycf3 [complement(44485..45260)], ycf3 [complement(45489..46207)], trnL-UAA [49424..49919], trnV-UAC [complement(53600..54171)], clpP [complement(71567..72198)], clpP [complement(72491..73339)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(72199..72490)], clpP [complement(73340..73410)], petB [76370..76375], petB [77129..77770], petD [77953..77960], petD [78704..79178], rpl16 [complement(82672..83070)], rpl16 [complement(84034..84042)], rpl2 [complement(85732..86165)], rpl2 [complement(86817..87207)], ndhB [complement(95104..95859)], ndhB [complement(96542..97318)], trnI-GAU [102866..102902], trnI-GAU [103891..103925], trnA-UGC [103990..104027], trnA-UGC [104842..104876], ndhA [complement(121663..122201)], ndhA [complement(123274..123826)], trnA-UGC [complement(136098..136132)], trnA-UGC [complement(136947..136984)], trnI-GAU [complement(137049..137083)], trnI-GAU [complement(138072..138108)], ndhB [143656..144432], ndhB [145115..145870]</p>	<p>[76376..77128], petD [77961..78703], rpl16 [complement(83071..84033)], rpl2 [complement(86166..86816)], ndhB [complement(95860..96541)], trnI-GAU [102903..103890], trnA-UGC [104028..104841], ndhA [complement(122202..123273)], trnA-UGC [complement(136133..136946)], trnI-GAU [complement(137084..138071)], ndhB [144433..145114]</p>
1599.	GLM A	1	rps12 [138626..138651]	-
1600.	GLM U	37	<p>rps12 [complement(102648..102890)], rps12 [complement(73699..73815)], rps16 [complement(5046..5270)], rps16 [complement(6176..6214)], atpF [complement(12639..13048)], atpF [complement(13827..13974)], rpoC1 [complement(22205..23815)], rpoC1 [complement(24582..25016)], ycf3 [complement(45954..46106)], ycf3 [complement(46899..47128)], ycf3 [complement(47857..47983)], rps12 [144952..145194], clpP [complement(73921..74148)], clpP [complement(74788..75078)], clpP [complement(75921..75989)], rpl2 [complement(88350..88783)], rpl2 [complement(89474..89867)], ndhB [complement(99034..99791)], ndhB [complement(100470..101247)], ndhA [complement(124555..125093)], ndhA [complement(126216..126771)], ndhB [146595..147371], ndhB [148053..148808], rpl2 [157975..158365], rpl2 [159059..159492]</p>	<p>rps16 [complement(5271..6175)], atpF [complement(13049..13826)], rpoC1 [complement(23816..24581)], ycf3 [complement(46107..46898)], ycf3 [complement(47129..47856)], clpP [complement(74149..74787)], clpP [complement(75079..75920)], rpl2 [complement(88784..89473)], ndhB [complement(99792..100469)], ndhA [complement(125094..126215)], ndhB [147372..148052], rpl2 [158366..159058]</p>
1601.	GLPA	24	rps12 [142915..142940]	<p>trnK-UUU [complement(1834..4359)], rps16 [complement(5456..6317)], trnG-UCC [9932..10645], atpF [complement(13088..13799)], rpoC1 [complement(23392..24145)], ycf3 [complement(44726..45482)], ycf3</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(45712..46437)], trnL-UAA [49484..49967], trnV-UAC [complement(53912..54500)], clpP [complement(71924..72558)], clpP [complement(72848..73657)], petB [76606..77430], petD [78285..78989], rpl16 [complement(83342..84178)], rpl2 [complement(86344..87008)], ndhB [complement(97290..97989)], trnI-GAU [104118..105060], trnA-UGC [105197..105996], ndhA [complement(122499..123602)], trnA-UGC [complement(136544..137343)], trnI-GAU [complement(137480..138422)], ndhB [144551..145250], rpl2 [155532..156196]
1602.	GLPE	17	-	petB [3275..4045], petD [4862..5509], rpl16 [complement(10124..10980)], rpl2 [complement(13121..13792)], ndhB [complement(23952..24635)], trnI-GAU [30490..31376], trnA-UGC [31501..32272], ndhA [43453..44203], trnL-UAA [complement(49622..50104)], ycf3 [52772..53470], ycf3 [53699..54393], rpoC1 [73106..73807], atpF [82275..82962], trnG-UCC [complement(85326..86116)], rps16 [90298..91181], trnK-UUU [92013..94436], trnV-UAC [complement(103438..103967)]
1603.	GLPN	37	rps12 [complement(102417..102659)], rps12 [complement(73432..73548)], rps16 [complement(5087..5311)], rps16 [complement(6203..6241)], atpF [complement(12713..13122)], atpF [complement(13912..14059)], rpoC1 [complement(21815..23425)], rpoC1 [complement(24200..24634)], ycf3 [complement(45657..45809)], ycf3 [complement(46594..46823)], ycf3	rps16 [complement(5312..6202)], atpF [complement(13123..13911)], rpoC1 [complement(23426..24199)], ycf3 [complement(45810..46593)], ycf3 [complement(46824..47545)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(47546..47672)], rps12 [144680..144922], clpP [complement(73673..73882)], clpP [complement(74537..74824)], clpP [complement(75667..75735)], rpl2 [complement(88125..88558)], rpl2 [complement(89249..89642)], ndhB [complement(98803..99560)], ndhB [complement(100239..101016)], ndhA [complement(124289..124827)], ndhA [complement(125934..126489)], ndhB [146323..147099], ndhB [147781..148536], rpl2 [157697..158087], rpl2 [158781..159214]	[complement(73883..74536)], clpP [complement(74825..75666)], rpl2 [complement(88559..89248)], ndhB [complement(99561..100238)], ndhA [complement(124828..125933)], ndhB [147100..147780], rpl2 [158088..158780]
1604.	GLSO	72	rps12 [complement(96742..96767)], rps12 [complement(97299..97530)], rps12 [complement(68177..68302)], trnK-UUU [complement(1638..1672)], trnK-UUU [complement(4250..4286)], trnV-UAC [9832..9870], trnV-UAC [10459..10493], trnL-UAA [complement(13549..13598)], trnL-UAA [complement(14103..14107)], ycf3 [16430..16555], ycf3 [17252..17479], ycf3 [18224..18376], rpoC1 [37489..37920], rpoC1 [38723..40354], atpF [48505..48648], atpF [49385..49798], trnG-UCC [complement(51973..52021)], trnG-UCC [complement(52714..52736)], rps16 [55216..55255], rps16 [56142..56371], rps12 [137862..138093], rps12 [138625..138650], clpP [complement(68516..68743)], clpP [complement(69518..69809)], clpP [complement(70522..70592)], petB [73481..73486], petB [74294..74935], petD [75132..75139], petD [75868..76342], rpl16 [complement(80199..80597)], rpl16 [complement(81765..81773)], rpl2 [complement(83297..83731)], rpl2 [complement(84451..84840)], ndhB [complement(93691..94446)], ndhB [complement(95138..95914)], trnI-GAU [101393..101434], trnI-GAU [102383..102417], trnA-UGC [102482..102519], trnA-UGC [103330..103364], ndhA [115641..116192], ndhA [117461..118000], trnA-UGC [complement(132028..132062)], trnA-UGC [complement(132873..132910)], trnI-GAU [complement(132975..133009)], trnI-GAU [complement(133963..134000)], ndhB [139478..140254], ndhB [140946..141701], rpl2 [150552..150944], rpl2 [151625..152095]	trnK-UUU [complement(1673..4249)], trnV- UAC [9871..10458], trnL-UAA [complement(13599..14102)], ycf3 [16556..17251], ycf3 [17480..18223], rpoC1 [37921..38722], atpF [48649..49384], trnG- UCC [complement(52022..52713)], rps16 [55256..56141], clpP [complement(68744..69517)], clpP [complement(69810..70521)], petB [73487..74293], petD [75140..75867], rpl16 [complement(80598..81764)], rpl2 [complement(83732..84450)], ndhB [complement(94447..95137)], trnI-GAU [101435..102382], trnA-UGC [102520..103329], ndhA [116193..117460], trnA-UGC [complement(132063..132872)], trnI-GAU [complement(133010..133962)], ndhB [140255..140945], rpl2 [150945..151624]
1605.	GLST	24	rps12 [139025..139050]	trnK-UUU [complement(1671..4234)], trnV- UAC [9743..10319], trnL-UAA [complement(13466..13970)], ycf3 [16389..17087], ycf3 [17316..18064], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[38434..39241], atpF [49003..49755], trnG-UCC [complement(52334..53025)], rps16 [55787..56695], clpP [complement(69560..70329)], clpP [complement(70622..71328)], petB [74270..75076], petD [75924..76648], rpl16 [complement(81348..82521)], rpl2 [complement(84492..85210)], ndhB [complement(95208..95898)], trnI-GAU [102200..103156], trnA-UGC [103294..103964], ndhA [116812..118079], trnA-UGC [complement(132589..133259)], trnI-UAG [complement(133397..134353)], ndhB [140655..141345], rpl2 [151346..152064]
1606.	GLSU	72	rps12 [complement(99030..99056)], rps12 [complement(99599..99829)], rps12 [complement(70274..70387)], trnK-UUU [complement(1488..1522)], trnK-UUU [complement(4184..4220)], rps16 [complement(4835..5050)], rps16 [complement(5856..5897)], trnG-UCC [9030..9053], trnG-UCC [9744..9791], atpF [complement(11850..12260)], atpF [complement(13046..13189)], rpoC1 [complement(20992..22611)], rpoC1 [complement(23352..23786)], ycf3 [complement(41819..41977)], ycf3 [complement(42744..42971)], ycf3 [complement(43670..43795)], trnL-UAA [46714..46748], trnL-UAA [47322..47371], trnV-UAC [complement(51416..51452)], trnV-UAC [complement(52060..52098)], rps12 [143108..143338], rps12 [143881..143907], clpP [complement(70517..70768)], clpP [complement(71467..71757)], clpP [complement(72528..72596)], petB [75574..75579], petB [76395..77036], petD [77239..77244], petD [78015..78491], rpl16 [complement(81987..82388)], rpl16 [complement(83401..83409)], rpl2 [complement(85317..85748)], rpl2 [complement(86411..86800)], ndhB [complement(95939..96694)], ndhB [complement(97397..98173)], trnI-GAU [103809..103845], trnI-GAU	trnK-UUU [complement(1523..4183)], rps16 [complement(5051..5855)], trnG-UCC [9054..9743], atpF [complement(12261..13045)], rpoC1 [complement(22612..23351)], ycf3 [complement(41978..42743)], ycf3 [complement(42972..43669)], trnL-UAA [46749..47321], trnV-UAC [complement(51453..52059)], clpP [complement(70769..71466)], clpP [complement(71758..72527)], petB [75580..76394], petD [77245..78014], rpl16 [complement(82389..83400)], rpl2 [complement(85749..86410)], ndhB [complement(96695..97396)], trnI-GAU [103846..104781], trnA-UGC [104919..105718], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104782..104816], trnA-UGC [104881..104918], trnA-UGC [105719..105753], ndhA [complement(122924..123463)], ndhA [complement(124484..125035)], trnA-UGC [complement(137184..137218)], trnA-UGC [complement(138019..138056)], trnI-GAU [complement(138121..138155)], trnI-GAU [complement(139092..139128)], ndhB [144764..145540], ndhB [146243..146998], rpl2 [156137..156526], rpl2 [157189..157620]	[complement(123464..124483)], trnA-UGC [complement(137219..138018)], trnI-GAU [complement(138156..139091)], ndhB [145541..146242], rpl2 [156527..157188]
1607.	GLSY	24	rps12 [139201..139226]	trnK-UUU [complement(1672..4234)], trnV-UAC [9870..10446], trnL-UAA [complement(13618..14122)], ycf3 [16531..17229], ycf3 [17458..18206], rpoC1 [38436..39234], atpF [49051..49799], trnG-UCC [complement(52368..53058)], rps16 [55771..56657], clpP [complement(69469..70269)], clpP [complement(70562..71269)], petB [74211..75021], petD [75868..76596], rpl16 [complement(81287..82443)], rpl2 [complement(84390..85099)], ndhB [complement(95100..95785)], trnI-GAU [102086..103042], trnA-UGC [103180..103989], ndhA [116815..118084], trnA-UGC [complement(132627..133436)], trnI-UAG [complement(133574..134530)], ndhB [140831..141516], rpl2 [151520..152229]
1608.	GLTO	24	rps12 [139137..139162]	trnK-UUU [complement(1672..4234)], trnV-UAC [9889..10465], trnL-UAA [complement(13629..14133)], ycf3 [16534..17232], ycf3 [17461..18209], rpoC1 [38421..39203], atpF [49028..49776], trnG-UCC [complement(52367..53057)], rps16 [55772..56659], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(69418..70212)], clpP [complement(70505..71212)], petB [74154..74963], petD [75810..76537], rpl16 [complement(81230..82390)], rpl2 [complement(84328..85046)], ndhB [complement(95047..95732)], trnI-GAU [102032..102988], trnA-UGC [103126..103935], ndhA [116758..118025], trnA-UGC [complement(132564..133373)], trnI-UAG [complement(133511..134467)], ndhB [140767..141452], rpl2 [151456..152174]
1609.	GNG N	38	rps12 [complement(76302..76553)], rps12 [complement(51199..51312)], psbA [complement(114738..115022)], psbA [complement(1..777)], trnK-UUU [complement(968..1002)], trnK-UUU [complement(3317..3353)], trnG-UCC [34258..34305], trnG-UCC [34949..34971], trnL-UAA [37678..37712], trnL- UAA [38058..38107], trnV-UAC [complement(38739..38783)], trnV-UAC [complement(39303..39345)], rps12 [105061..105312], trnI-GAU [79512..79548], trnI-GAU [80418..80452], trnA-UGC [80524..80561], trnA- UGC [81323..81357], trnA-UGC [complement(100257..100291)], trnA-UGC [complement(101053..101090)], trnI-GAU [complement(101162..101196)], trnI-GAU [complement(102066..102102)]	psbA [complement(115023..0)], trnK-UUU [complement(1003..3316)], ycf3 [complement(14324..14961)], ycf3 [complement(15190..15924)], rpoC1 [22168..22799], atpF [31262..31923], trnG- UCC [34306..34948], trnL-UAA [37713..38057], trnV-UAC [complement(38784..39302)], petB [56794..57429], petD [58242..58931], rpl16 [complement(62953..63729)], rpl2 [complement(65699..66200)], trnI-GAU [79549..80417], trnA-UGC [80562..81322], trnA-UGC [complement(100292..101052)], trnI-GAU [complement(101197..102065)]
1610.	GNM O	41	rps12 [complement(76190..76441)], rps12 [complement(51134..51247)], trnK [complement(1253..1287)], trnK [complement(3618..3654)], atpF [30895..31039], atpF [31688..32100], trnG [complement(34019..34066)], trnG [complement(34709..34731)], trnL [37462..37496], trnL [37837..37886], trnV [complement(38521..38565)], trnV [complement(39076..39118)], petB [56596..56600], petB [57224..57866], petD [58032..58038], petD	trnK [complement(1288..3617)], atpF [31040..31687], trnG [complement(34067..34708)], trnL [37497..37836], trnV [complement(38566..39075)], petB [56601..57223], petD [58039..58734], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[58735..59210], rpl16 [complement(62381..62776)], rpl16 [complement(63553..63561)], rpl2 [complement(65072..65514)], rpl2 [complement(66029..66368)], trnI [79229..79265], trnI [80151..80185], trnA [80257..80294], trnA [81056..81090], trnA [complement(100627..100661)], trnA [complement(101423..101460)], trnI [complement(101532..101566)], trnI [complement(102452..102488)]	[complement(62777..63552)], rpl2 [complement(65515..66028)], trnI [79266..80150], trnA [80295..81055], trnA [complement(100662..101422)], trnI [complement(101567..102451)]
1611.	GNPA	17	rps12 [complement(18152..18183)]	trnK [5545..7873], trnI [21730..22614], trnA [22760..23520], trnA [complement(43060..43820)], trnI [complement(43966..44850)], rpl2 [58090..58603], rpl16 [60567..61342], petD [complement(65384..66079)], petB [complement(66895..67518)], trnV [85005..85514], trnL [complement(86245..86581)], trnG [89370..90011], atpF [complement(92391..93038)], rpoC1 [complement(101461..102096)], ycf3 [108328..109020], ycf3 [109249..109892]
1612.	GNUL	18	trnL [complement(85593..85642)], trnL [complement(85982..86016)]	trnK [5285..7606], trnI [21459..22343], trnA [22488..23248], trnA [complement(42312..43072)], trnI [complement(43217..44101)], rpl2 [57335..57849], rpl16 [59813..60585], petD [complement(64706..65397)], petB [complement(66213..66826)], trnV [84389..84904], trnL [complement(85643..85981)], trnG [88764..89406], atpF [complement(91777..92426)], rpoC1 [complement(99793..100428)], ycf3 [106678..107356], ycf3 [107585..108227]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1613.	GOAE	3	rps12 [complement(102005..102039)], rps12 [complement(73292..73405)], rps12 [145725..145750]	-
1614.	GOAI	6	rps12 [complement(102601..102626)], rps12 [complement(103163..103394)], rps12 [complement(73878..73991)], rps12 [complement(73878..73991)], rps12 [145584..145815], rps12 [146352..146377]	-
1615.	GOAM	6	rps12 [complement(102487..102512)], rps12 [complement(103049..103280)], rps12 [complement(73761..73874)], rps12 [complement(73761..73874)], rps12 [145447..145678], rps12 [146215..146240]	-
1616.	GOAN	8	rps12 [complement(73233..73346)], trnG-UCC [9156..9188], trnG-UCC [9949..9995], rps12 [complement(73233..73346)], rps12 [145642..145667], clpP [complement(74450..74743)]	trnG-UCC [9189..9948], clpP [complement(74744..75650)]
1617.	GOAR	6	rps12 [complement(73802..73915)], rps12 [146377..146402], petB [79986..80627], trnI-GAU [complement(141528..141569)]	petB [79169..79985], trnI-GAU [complement(140574..141527)]
1618.	GOAU	6	rps12 [complement(102052..102077)], rps12 [complement(102614..102845)], rps12 [complement(73335..73448)], rps12 [complement(73335..73448)], rps12 [144957..145188], rps12 [145725..145750]	-
1619.	GOBA	2	rps12 [complement(73942..74055)], rps12 [146484..146509]	-
1620.	GOBI	10	rps12 [complement(101912..101937)], rps12 [complement(102474..102705)], rps12 [complement(73189..73302)], rps12 [complement(73189..73302)], rps12 [145559..145584], ndhB [complement(100289..101065)], rpl2 [157834..158223], rpl2 [158917..159351]	ndhB [complement(99600..100288)], rpl2 [158224..158916]
1621.	GOBR	73	rps12 [complement(100761..100786)], rps12 [complement(101323..101554)], rps12 [complement(72893..73006)], trnK-UUU [complement(1752..1786)], trnK-UUU [complement(4296..4332)], rps16 [complement(5146..5370)], rps16 [complement(6210..6248)], trnG [9940..9962], trnG [10653..10700], atpF [complement(12743..13150)], atpF [complement(13853..14011)], rpoC1 [complement(22043..23668)], rpoC1 [complement(24399..24833)], ycf3 [complement(45089..45241)], ycf3 [complement(45962..46189)], ycf3 [complement(46914..47039)], trnL-UAA [50264..50300], trnL-UAA [50823..50872], trnV-UAC [complement(54160..54196)], trnV-UAC [complement(54783..54821)], rps12 [complement(72893..73006)], rps12 [143530..143761], rps12 [144298..144323], clpP [complement(73150..73434)],	trnK-UUU [complement(1787..4295)], rps16 [complement(5371..6209)], trnG [9963..10652], atpF [complement(13151..13852)], rpoC1 [complement(23669..24398)], ycf3 [complement(45242..45961)], ycf3 [complement(46190..46913)], trnL-UAA [50301..50822], trnV-UAC [complement(54197..54782)], clpP [complement(73435..74040)], clpP [complement(74332..75128)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			clpP [complement(74041..74331)], clpP [complement(75129..75197)], petB [78133..78138], petB [78921..79577], petD [79766..79774], petD [80486..81010], rpl16 [complement(84488..84889)], rpl16 [complement(85901..85909)], rpl2 [complement(87557..87991)], rpl2 [complement(88659..89048)], ndhB [complement(97881..98636)], ndhB [complement(99316..100092)], trnI-GAU [105267..105308], trnI-GAU [106247..106281], trnA-UGC [106346..106383], trnA-UGC [107191..107225], ndhA [complement(123238..123777)], ndhA [complement(124886..125437)], trnA-UGC [complement(137859..137893)], trnA-UGC [complement(138701..138738)], trnI-GAU [complement(138803..138837)], trnI-GAU [complement(139776..139817)], ndhB [144992..145768], ndhB [146448..147203], rpl2 [156036..156422], rpl2 [157093..157527]	[78139..78920], petD [79775..80485], rpl16 [complement(84890..85900)], rpl2 [complement(87992..88658)], ndhB [complement(98637..99315)], trnI-GAU [105309..106246], trnA-UGC [106384..107190], ndhA [complement(123778..124885)], trnA-UGC [complement(137894..138700)], trnI-GAU [complement(138838..139775)], ndhB [145769..146447], rpl2 [156423..157092]
1622.	GOCA	3	rps12 [complement(101906..101940)], rps12 [complement(73192..73305)], rps12 [145602..145627]	-
1623.	GOD A	3	rps12 [complement(102709..102743)], rps12 [complement(74000..74113)], rps12 [146529..146554]	-
1624.	GOD V	6	rps12 [complement(73733..73846)], atpF [complement(11863..12272)], atpF [complement(13078..13222)], rps12 [145451..145682], rps12 [146219..146244]	atpF [complement(12273..13077)]
1625.	GOFR	73	rps12 [complement(100243..100268)], rps12 [complement(100805..101036)], rps12 [complement(72285..72398)], trnK-UUU [complement(1737..1771)], trnK-UUU [complement(4256..4292)], rps16 [complement(5066..5290)], rps16 [complement(6144..6182)], trnG [9819..9841], trnG [10542..10589], atpF [complement(12609..13016)], atpF [complement(13721..13879)], rpoC1 [complement(21816..23441)], rpoC1 [complement(24180..24614)], ycf3 [complement(44456..44608)], ycf3 [complement(45342..45569)], ycf3 [complement(46288..46413)], trnL-UAA [49663..49699], trnL-UAA [50218..50267], trnV-UAC [complement(53416..53452)], trnV-UAC [complement(54039..54077)], rps12 [complement(72285..72398)], rps12 [142884..143115], rps12 [143652..143677], clpP [complement(72548..72832)], clpP [complement(73366..73656)], clpP [complement(74456..74524)], petB [77437..77442], petB [78205..78861], petD [79041..79049], petD	trnK-UUU [complement(1772..4255)], rps16 [complement(5291..6143)], trnG [9842..10541], atpF [complement(13017..13720)], rpoC1 [complement(23442..24179)], ycf3 [complement(44609..45341)], ycf3 [complement(45570..46287)], trnL-UAA [49700..50217], trnV-UAC [complement(53453..54038)], clpP [complement(72833..73365)], clpP [complement(73657..74455)], petB [77443..78204], petD [79050..79745], rpl16 [complement(84161..85175)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79746..80270], rpl16 [complement(83759..84160)], rpl16 [complement(85176..85184)], rpl2 [complement(86812..87246)], rpl2 [complement(87914..88306)], ndhB [complement(97185..97940)], ndhB [complement(98620..99396)], trnI-GAU [104966..105007], trnI-GAU [105955..105989], trnA-UGC [106054..106091], trnA-UGC [106904..106938], ndhA [complement(122426..122965)], ndhA [complement(124061..124612)], trnA-UGC [complement(136982..137016)], trnA-UGC [complement(137829..137866)], trnI-GAU [complement(137931..137965)], trnI-GAU [complement(138913..138954)], ndhB [144524..145300], ndhB [145980..146735], rpl2 [155614..156003], rpl2 [156674..157108]	[complement(87247..87913)], ndhB [complement(97941..98619)], trnI-GAU [105008..105954], trnA-UGC [106092..106903], ndhA [complement(122966..124060)], trnA-UGC [complement(137017..137828)], trnI-GAU [complement(137966..138912)], ndhB [145301..145979], rpl2 [156004..156673]
1626.	GOFU	72	rps12 [complement(98646..98675)], rps12 [complement(99210..99449)], rps12 [complement(69159..69272)], trnK-UUU [complement(1450..1475)], trnK-UUU [complement(4347..4377)], rps16 [complement(5013..5260)], rps16 [complement(6181..6226)], trnG-GCC [8726..8748], trnG-GCC [9423..9469], atpF [complement(11434..11823)], atpF [complement(12642..12800)], rpoC1 [complement(20457..22064)], rpoC1 [complement(22811..23242)], ycf3 [complement(41902..42054)], ycf3 [complement(42825..43054)], ycf3 [complement(43762..43885)], trnL-UAA [46797..46831], trnL-UAA [47451..47500], trnV-UAC [complement(50910..50946)], trnV-UAC [complement(51532..51570)], rps12 [140348..140587], rps12 [141122..141151], clpP [complement(69414..69666)], clpP [complement(70304..70594)], clpP [complement(71521..71591)], petB [75378..75383], petB [75628..76269], petD [76455..76462], petD [77286..77760], rpl16 [complement(81296..81694)], rpl16 [complement(82953..82961)], rpl2 [complement(84950..85378)], rpl2 [complement(86040..86432)], ndhB [complement(95569..96324)], ndhB [complement(97024..97800)], trnI-GAU [102924..102960], trnI-GAU [103903..103937], trnA-UGC [104002..104039], trnA-UGC [104844..104878], ndhA [complement(120333..120871)], ndhA [complement(122002..122554)], trnA-UGC [complement(134919..134953)], trnA-UGC [complement(135758..135795)], trnI-GAU [complement(135860..135894)], trnI-GAU [complement(136837..136873)], ndhB [141997..142773], ndhB	trnK-UUU [complement(1476..4346)], rps16 [complement(5261..6180)], trnG-GCC [8749..9422], atpF [complement(11824..12641)], rpoC1 [complement(22065..22810)], ycf3 [complement(42055..42824)], ycf3 [complement(43055..43761)], trnL-UAA [46832..47450], trnV-UAC [complement(50947..51531)], clpP [complement(69667..70303)], clpP [complement(70595..71520)], petB [75384..75627], petD [76463..77285], rpl16 [complement(81695..82952)], rpl2 [complement(85379..86039)], ndhB [complement(96325..97023)], trnI-GAU [102961..103902], trnA-UGC [104040..104843], ndhA [complement(120872..122001)], trnA-UGC [complement(134954..135757)], trnI-GAU [complement(135895..136836)], ndhB [142774..143472], rpl2 [153758..154418]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143473..144228], rpl2 [153365..153757], rpl2 [154419..154847]	
1627.	GOGO	3	rps12 [complement(102614..102648)], rps12 [complement(73889..74002)], rps12 [146124..146149]	-
1628.	GOHA	6	rps12 [complement(102539..102564)], rps12 [complement(103101..103332)], rps12 [complement(73808..73921)], rps12 [complement(73808..73921)], rps12 [145508..145739], rps12 [146276..146301]	-
1629.	GOHE	18	rps12 [complement(102538..102563)], rps12 [complement(73822..73935)], rpoC1 [complement(21548..23181)], rpoC1 [complement(23931..24366)], ycf3 [complement(44792..44944)], rps12 [complement(73822..73935)], rps12 [146287..146312], petB [79191..79195], ndhB [147159..147935], ndhB [148625..149380], rpl2 [158557..158946], rpl2 [159640..160074]	trnK-UUU [complement(1814..4303)], rpoC1 [complement(23182..23930)], ycf3 [complement(44945..45734)], petB [79196..79954], ndhB [147936..148624], rpl2 [158947..159639]
1630.	GOHI	6	rps12 [complement(73894..74007)], rps12 [146452..146477], trnA-UGC [109372..109406]	atpF [complement(12343..13146)], trnV-UAC [complement(54732..55339)], rpl2 [complement(89298..89990)]
1631.	GOIN	3	rps12 [complement(101696..101730)], rps12 [complement(73031..73144)], rps12 [145364..145389]	-
1632.	GOKL	14	rps12 [complement(73755..73868)], atpF [complement(11866..12275)], atpF [complement(13081..13225)], rps12 [145476..145707], rps12 [146244..146269], clpP [complement(74071..74296)], clpP [complement(74995..75288)], petB [79961..80602], ndhA [121799..122351], ndhA [123426..123964]	atpF [complement(12276..13080)], clpP [complement(74297..74994)], petB [79147..79960], ndhA [122352..123425]
1633.	GOLA	73	rps12 [complement(100880..100905)], rps12 [complement(101442..101673)], rps12 [complement(72996..73109)], trnK-UUU [complement(1754..1788)], trnK-UUU [complement(4294..4330)], rps16 [complement(5144..5368)], rps16 [complement(6206..6244)], trnG [9950..9972], trnG [10663..10710], atpF [complement(12767..13174)], atpF [complement(13877..14035)], rpoC1 [complement(22053..23678)], rpoC1 [complement(24411..24845)], ycf3 [complement(45077..45229)], ycf3 [complement(45955..46182)], ycf3 [complement(46908..47033)], trnL-UAA [50263..50299], trnL-UAA [50822..50871], trnV-UAC [complement(54116..54152)], trnV-UAC [complement(54738..54776)], rps12 [complement(72996..73109)], rps12 [143621..143852], rps12 [144389..144414], clpP [complement(73258..73542)],	trnK-UUU [complement(1789..4293)], rps16 [complement(5369..6205)], trnG [9973..10662], atpF [complement(13175..13876)], rpoC1 [complement(23679..24410)], ycf3 [complement(45230..45954)], ycf3 [complement(46183..46907)], trnL-UAA [50300..50821], trnV-UAC [complement(54153..54737)], clpP [complement(73543..74149)], clpP [complement(74441..75238)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(74150..74440)], clpP [complement(75239..75307)], petB [78243..78248], petB [79028..79684], petD [79873..79881], petD [80593..81117], rpl16 [complement(84612..85013)], rpl16 [complement(86010..86018)], rpl2 [complement(87667..88101)], rpl2 [complement(88769..89161)], ndhB [complement(98000..98755)], ndhB [complement(99435..100211)], trnI-GAU [105387..105428], trnI-GAU [106367..106401], trnA-UGC [106466..106503], trnA-UGC [107311..107345], ndhA [complement(123323..123862)], ndhA [complement(124973..125524)], trnA-UGC [complement(137949..137983)], trnA-UGC [complement(138791..138828)], trnI-GAU [complement(138893..138927)], trnI-GAU [complement(139866..139907)], ndhB [145083..145859], ndhB [146539..147294], rpl2 [156133..156522], rpl2 [157193..157627]</p>	<p>[78249..79027], petD [79882..80592], rpl16 [complement(85014..86009)], rpl2 [complement(88102..88768)], ndhB [complement(98756..99434)], trnI-GAU [105429..106366], trnA-UGC [106504..107310], ndhA [complement(123863..124972)], trnA-UGC [complement(137984..138790)], trnI-GAU [complement(138928..139865)], ndhB [145860..146538], rpl2 [156523..157192]</p>
1634.	GOLB	73	<p>rps12 [complement(102623..102648)], rps12 [complement(103185..103416)], rps12 [complement(73890..74003)], trnK-UUU [complement(1772..1806)], trnK-UUU [complement(4303..4339)], rps16 [complement(5163..5389)], rps16 [complement(6259..6298)], trnG-GCC [9074..9096], trnG-GCC [9864..9911], atpF [complement(11839..12249)], atpF [complement(13054..13197)], rpoC1 [complement(21510..23134)], rpoC1 [complement(23896..24328)], ycf3 [complement(44773..44925)], ycf3 [complement(45714..45941)], ycf3 [complement(46703..46828)], trnL-UAA [50040..50076], trnL-UAA [50657..50706], trnV-UAC [complement(54499..54535)], trnV-UAC [complement(55141..55178)], rps12 [complement(73890..74003)], rps12 [145601..145832], rps12 [146369..146394], clpP [complement(74200..74427)], clpP [complement(75126..75417)], clpP [complement(76326..76396)], petB [79269..79274], petB [80090..80731], petD [80939..80946], petD [81704..82178], rpl16 [complement(85600..85998)], rpl16 [complement(87111..87119)], rpl2 [complement(88861..89294)], rpl2 [complement(89988..90378)], ndhB [complement(99555..100310)], ndhB [complement(101000..101776)], trnI-GAU [107440..107476], trnI-GAU [108435..108469], trnA-UGC [108533..108570], trnA-UGC [109368..109402], ndhA [121931..122482], ndhA [123547..124086], trnA-UGC [complement(139615..139649)], trnA-UGC [complement(140447..140484)],</p>	<p>trnK-UUU [complement(1807..4302)], rps16 [complement(5390..6258)], trnG-GCC [9097..9863], atpF [complement(12250..13053)], rpoC1 [complement(23135..23895)], ycf3 [complement(44926..45713)], ycf3 [complement(45942..46702)], trnL-UAA [50077..50656], trnV-UAC [complement(54536..55140)], clpP [complement(74428..75125)], clpP [complement(75418..76325)], petB [79275..80089], petD [80947..81703], rpl16 [complement(85999..87110)], rpl2 [complement(89295..89987)], ndhB [complement(100311..100999)], trnI-GAU [107477..108434], trnA-UGC [108571..109367], ndhA [122483..123546], trnA-UGC [complement(139650..140446)], trnI-GAU [complement(140583..141540)], ndhB [148018..148706], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(140548..140582)], trnI-GAU [complement(141541..141577)], ndhB [147241..148017], ndhB [148707..149462], rpl2 [158639..159029], rpl2 [159723..160156]	[159030..159722]
1635.	GOLI	2	rps12 [complement(73088..73201)], rps12 [145394..145419]	-
1636.	GOLO	20	rps12 [complement(73750..73863)], atpF [complement(11918..12326)], atpF [complement(13116..13276)], rpoC1 [complement(21631..23264)], rpoC1 [complement(24012..24447)], ycf3 [complement(44890..45042)], ycf3 [complement(45833..46060)], ycf3 [complement(46829..46954)], rps12 [complement(73750..73863)], rps12 [146383..146408], ndhB [147255..148031], ndhB [148721..149476], rpl2 [158658..159047], rpl2 [159741..160175]	atpF [complement(12327..13115)], rpoC1 [complement(23265..24011)], ycf3 [complement(45043..45832)], ycf3 [complement(46061..46828)], ndhB [148032..148720], rpl2 [159048..159740]
1637.	GOM U	6	rps12 [complement(73914..74027)], rps12 [146457..146482], petB [80087..80728], trnI-GAU [complement(141609..141650)]	petB [79269..80086], trnI-GAU [complement(140655..141608)]
1638.	GON A	73	rps12 [complement(102116..102141)], rps12 [complement(102678..102909)], rps12 [complement(73380..73493)], trnK-UUU [complement(1810..1844)], trnK-UUU [complement(4385..4421)], rps16 [complement(5163..5389)], rps16 [complement(6259..6298)], trnG-GCC [9074..9096], trnG-GCC [9884..9920], atpF [complement(11846..12256)], atpF [complement(13062..13205)], rpoC1 [complement(21481..23106)], rpoC1 [complement(23852..24283)], ycf3 [complement(44424..44576)], ycf3 [complement(45366..45593)], ycf3 [complement(46356..46481)], trnL-UAA [49744..49780], trnL-UAA [50354..50403], trnV-UAC [complement(54147..54183)], trnV-UAC [complement(54789..54826)], rps12 [complement(73380..73493)], rps12 [145053..145284], rps12 [145821..145846], clpP [complement(73696..73923)], clpP [complement(74603..74894)], clpP [complement(75801..75871)], petB [78744..78749], petB [79701..80216], petD [80423..80430], petD [81187..81661], rpl16 [complement(85079..85477)], rpl16 [complement(86595..86603)], rpl2 [complement(88349..88783)], rpl2 [complement(89477..89866)], ndhB [complement(99048..99803)], ndhB [complement(100493..101269)], trnI-GAU [106908..106949], trnI-GAU [107903..107937], trnA-UGC [108001..108038], trnA-UGC [108836..108870], ndhA [121410..121961], ndhA [123037..123576], trnA-UGC	trnK-UUU [complement(1845..4384)], rps16 [complement(5390..6258)], trnG-GCC [9097..9883], atpF [complement(12257..13061)], rpoC1 [complement(23107..23851)], ycf3 [complement(44577..45365)], ycf3 [complement(45594..46355)], trnL-UAA [49781..50353], trnV-UAC [complement(54184..54788)], clpP [complement(73924..74602)], clpP [complement(74895..75800)], petB [78750..79700], petD [80431..81186], rpl16 [complement(85478..86594)], rpl2 [complement(88784..89476)], ndhB [complement(99804..100492)], trnI-GAU [106950..107902], trnA-UGC [108039..108835], ndhA [121962..123036], trnA-UGC [complement(139127..139923)], trnI-GAU [complement(140060..141012)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(139092..139126)], trnA-UGC [complement(139924..139961)], trnI-GAU [complement(140025..140059)], trnI-GAU [complement(141013..141054)], ndhB [146693..147469], ndhB [148159..148914], rpl2 [158096..158485], rpl2 [159179..159613]	ndhB [147470..148158], rpl2 [158486..159178]
1639.	GONE	6	rps12 [complement(103581..103606)], rps12 [complement(104143..104374)], rps12 [complement(74817..74930)], rps12 [complement(74817..74930)], rps12 [147703..147934], rps12 [148471..148496]	-
1640.	GOPO	6	rps12 [complement(102036..102061)], rps12 [complement(102598..102829)], rps12 [complement(73294..73407)], rps12 [complement(73294..73407)], rps12 [144813..145044], rps12 [145581..145606]	-
1641.	GOPR	52	rps12 [complement(97078..97215)], rps12 [complement(67376..67489)], trnK-UUU [complement(1403..1428)], trnK-UUU [complement(4152..4188)], trnG-GCC [8235..8257], trnG-GCC [8938..8984], atpF [complement(10966..11253)], atpF [complement(12174..12317)], rpoC1 [complement(19692..21308)], rpoC1 [complement(22041..22475)], ycf3 [complement(40864..41016)], ycf3 [complement(41810..42037)], ycf3 [complement(42753..42878)], trnL-UAA [45665..45699], trnL-UAA [46295..46344], trnV-UAC [complement(49784..49820)], trnV-UAC [complement(50413..50451)], rps12 [138058..138195], clpP [complement(67638..67889)], clpP [complement(68525..68815)], clpP [complement(69572..69640)], ndhB [complement(93440..94195)], ndhB [complement(94895..95671)], trnI-GAU [100685..100721], trnI-GAU [101657..101691], trnA-UGC [101756..101793], trnA-UGC [102582..102616], ndhA [complement(118224..118763)], ndhA [complement(119919..120470)], trnA-UGC [complement(132657..132691)], trnA-UGC [complement(133480..133517)], trnI-GAU [complement(133582..133616)], trnI-GAU [complement(134552..134588)], ndhB [139602..140378], ndhB [141078..141833]	trnK-UUU [complement(1429..4151)], trnG-GCC [8258..8937], atpF [complement(11254..12173)], rpoC1 [complement(21309..22040)], ycf3 [complement(41017..41809)], ycf3 [complement(42038..42752)], trnL-UAA [45700..46294], trnV-UAC [complement(49821..50412)], clpP [complement(67890..68524)], clpP [complement(68816..69571)], ndhB [complement(94196..94894)], trnI-GAU [100722..101656], trnA-UGC [101794..102581], ndhA [complement(118764..119918)], trnA-UGC [complement(132692..133479)], trnI-GAU [complement(133617..134551)], ndhB [140379..141077]
1642.	GORA	10	rps12 [complement(73814..73927)], rpoC1 [complement(21526..23150)], rpoC1 [complement(23919..24351)], rps12 [146256..146281], petB [80015..80656], rpl16 [complement(85520..85918)], rpl16 [complement(87033..87041)]	rpoC1 [complement(23151..23918)], petB [79200..80014], rpl16 [complement(85919..87032)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1643.	GORO	3	rps12 [complement(102317..102351)], rps12 [complement(73542..73655)], rps12 [145994..146019]	-
1644.	GOSC	51	rps12 [complement(98253..98495)], rps12 [complement(68272..68385)], trnK-UUU [complement(1412..1437)], trnK-UUU [complement(4270..4306)], trnG-GCC [8292..8314], trnG-GCC [9012..9058], atpF [complement(10999..11409)], atpF [complement(12195..12359)], rpoC1 [complement(19955..21571)], rpoC1 [complement(22318..22752)], ycf3 [complement(41284..41436)], ycf3 [complement(42205..42432)], ycf3 [complement(43141..43266)], trnL-UAA [46055..46089], trnL-UAA [46690..46739], trnV-UAC [complement(50140..50176)], trnV-UAC [complement(50761..50799)], clpP [complement(68521..68772)], clpP [complement(69405..69695)], clpP [complement(70603..70671)], ndhB [complement(94609..95364)], ndhB [complement(96070..96846)], trnI-GAU [101957..101993], trnI-GAU [102929..102963], trnA-UGC [103028..103065], trnA-UGC [103870..103904], ndhA [complement(119095..119634)], ndhA [complement(120767..121318)], trnA-UGC [complement(133660..133694)], trnA-UGC [complement(134499..134536)], trnI-GAU [complement(134601..134635)], trnI-GAU [complement(135571..135607)], ndhB [140718..141494], ndhB [142200..142955]	trnK-UUU [complement(1438..4269)], trnG-GCC [8315..9011], atpF [complement(11410..12194)], rpoC1 [complement(21572..22317)], ycf3 [complement(41437..42204)], ycf3 [complement(42433..43140)], trnL-UAA [46090..46689], trnV-UAC [complement(50177..50760)], clpP [complement(68773..69404)], clpP [complement(69696..70602)], ndhB [complement(95365..96069)], trnI-GAU [101994..102928], trnA-UGC [103066..103869], ndhA [complement(119635..120766)], trnA-UGC [complement(133695..134498)], trnI-GAU [complement(134636..135570)], ndhB [141495..142199]
1645.	GOSH	73	rps12 [complement(102591..102616)], rps12 [complement(103153..103384)], rps12 [complement(73861..73974)], trnK-UUU [complement(1772..1806)], trnK-UUU [complement(4303..4339)], rps16 [complement(5172..5398)], rps16 [complement(6267..6306)], trnG-GCC [9097..9119], trnG-GCC [9887..9934], atpF [complement(11862..12272)], atpF [complement(13077..13220)], rpoC1 [complement(21533..23157)], rpoC1 [complement(23926..24358)], ycf3 [complement(44803..44955)], ycf3 [complement(45744..45971)], ycf3 [complement(46733..46858)], trnL-UAA [50070..50106], trnL-UAA [50687..50736], trnV-UAC [complement(54529..54565)], trnV-UAC [complement(55171..55208)], rps12 [complement(73861..73974)], rps12 [145595..145826], rps12 [146363..146388], clpP [complement(74177..74404)], clpP [complement(75104..75395)], clpP [complement(76304..76374)], petB [79247..79252], petB [80068..80709], petD [80917..80924], petD	trnK-UUU [complement(1807..4302)], rps16 [complement(5399..6266)], trnG-GCC [9120..9886], atpF [complement(12273..13076)], rpoC1 [complement(23158..23925)], ycf3 [complement(44956..45743)], ycf3 [complement(45972..46732)], trnL-UAA [50107..50686], trnV-UAC [complement(54566..55170)], clpP [complement(74405..75103)], clpP [complement(75396..76303)], petB [79253..80067], petD [80925..81681], rpl16 [complement(85977..87088)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81682..82156], rpl16 [complement(85578..85976)], rpl16 [complement(87089..87097)], rpl2 [complement(88829..89262)], rpl2 [complement(89956..90346)], ndhB [complement(99523..100278)], ndhB [complement(100968..101744)], trnI-GAU [107409..107445], trnI-GAU [108404..108438], trnA-UGC [108502..108539], trnA-UGC [109337..109371], ndhA [121900..122451], ndhA [123522..124061], trnA-UGC [complement(139608..139642)], trnA-UGC [complement(140440..140477)], trnI-GAU [complement(140541..140575)], trnI-GAU [complement(141534..141570)], ndhB [147235..148011], ndhB [148701..149456], rpl2 [158633..159023], rpl2 [159717..160150]	[complement(89263..89955)], ndhB [complement(100279..100967)], trnI-GAU [107446..108403], trnA-UGC [108540..109336], ndhA [122452..123521], trnA-UGC [complement(139643..140439)], trnI-GAU [complement(140576..141533)], ndhB [148012..148700], rpl2 [159024..159716]
1646.	GOSO	3	rps12 [complement(101973..102007)], rps12 [complement(73260..73373)], rps12 [145692..145717]	-
1647.	GOST	10	rps12 [complement(73002..73115)], rps16 [complement(5203..5428)], rps12 [complement(73002..73115)], rps12 [145233..145258], ndhA [complement(123864..124403)], ndhA [complement(125481..126032)], ndhB [147565..148320]	rps16 [complement(5429..6301)], ndhA [complement(124404..125480)], ndhB [146882..147564]
1648.	GOSU	4	rps12 [complement(73349..73462)], rps12 [complement(73349..73462)], rps12 [145768..145793], rpl16 [complement(85047..85445)]	-
1649.	GOTH	5	rps12 [complement(73840..73953)], rps12 [complement(73840..73953)], rps12 [146412..146437], ndhB [complement(100942..101718)]	rpl16 [complement(85931..87066)]
1650.	GOTO	6	rps12 [complement(74020..74133)], rps12 [146584..146609], petB [80194..80835], trnI-GAU [complement(141728..141769)]	petB [79375..80193], trnI-GAU [complement(140774..141727)]
1651.	GOTR	6	rps12 [complement(102497..102522)], rps12 [complement(103059..103290)], rps12 [complement(73779..73892)], rps12 [complement(73779..73892)], rps12 [145488..145719], rps12 [146256..146281]	-
1652.	GOTU	18	rps12 [complement(73620..73733)], rps16 [complement(6214..6254)], atpF [complement(11796..12206)], trnV-UAC [complement(54454..54491)], trnV-UAC [complement(55096..55133)], clpP [complement(74862..75155)], trnI-GAU [107170..107209], trnI-GAU [108164..108199], trnA-UGC [108263..108300], trnA-UGC [109098..109132], trnA-UGC [complement(139208..139242)], trnA-UGC [complement(140040..140077)]	trnV-UAC [complement(54492..55095)], clpP [complement(74164..74861)], ndhB [complement(100039..100726)], trnI-GAU [107210..108163], trnA-UGC [108301..109097], trnA-UGC [complement(139243..140039)]
1653.	GOVE	51	rps12 [complement(97397..97639)], rps12 [complement(67765..67878)],	trnK-UUU [complement(1433..4284)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(1407..1432)], trnK-UUU [complement(4285..4321)], trnG-GCC [8417..8439], trnG-GCC [9119..9165], atpF [complement(11101..11499)], atpF [complement(12300..12443)], rpoC1 [complement(19980..21572)], rpoC1 [complement(22330..22764)], ycf3 [complement(41337..41603)], ycf3 [complement(42398..42625)], ycf3 [complement(43327..43452)], trnL-UAA [46185..46219], trnL-UAA [46849..46898], trnV-UAC [complement(50256..50292)], trnV-UAC [complement(50878..50916)], clpP [complement(68020..68271)], clpP [complement(68913..69203)], clpP [complement(70028..70096)], ndhB [complement(93750..94505)], ndhB [complement(95205..95981)], trnI-GAU [101118..101154], trnI-GAU [102093..102127], trnA-UGC [102192..102229], trnA-UGC [103043..103077], ndhA [complement(117536..118075)], ndhA [complement(119204..119755)], trnA-UGC [complement(132059..132093)], trnA-UGC [complement(132907..132944)], trnI-GAU [complement(133009..133043)], trnI-GAU [complement(133982..134018)], ndhB [139155..139931], ndhB [140631..141386]	GCC [8440..9118], atpF [complement(11500..12299)], rpoC1 [complement(21573..22329)], ycf3 [complement(41604..42397)], ycf3 [complement(42626..43326)], trnL-UAA [46220..46848], trnV-UAC [complement(50293..50877)], clpP [complement(68272..68912)], clpP [complement(69204..70027)], ndhB [complement(94506..95204)], trnI-GAU [101155..102092], trnA-UGC [102230..103042], ndhA [complement(118076..119203)], trnA-UGC [complement(132094..132906)], trnI-GAU [complement(133044..133981)], ndhB [139932..140630]
1654.	GRBE	1	rps12 [153311..153336]	-
1655.	GRBO	56	rps12 [complement(103356..103381)], rps12 [complement(103918..104149)], rps12 [complement(74173..74286)], trnK-UUU [complement(1844..1878)], trnK-UUU [complement(4425..4461)], trnG-GCC [8298..8320], trnG-GCC [9045..9090], atpF [complement(11777..12187)], atpF [complement(12982..13125)], rpoC1 [complement(21381..22991)], rpoC1 [complement(23779..24210)], ycf3 [complement(45404..45556)], ycf3 [complement(46264..46491)], ycf3 [complement(47228..47353)], trnL-UAA [49637..49673], trnL-UAA [50252..50300], trnV-UAC [complement(54473..54509)], trnV-UAC [complement(55117..55155)], rps12 [complement(74173..74286)], rps12 [147903..148134], rps12 [148671..148696], clpP [complement(74480..74705)], clpP [complement(75336..75628)], clpP [complement(76493..76561)], petB [79545..79550], petB [80383..81024], petD [81219..81226], petD [82033..82507], rpl16 [complement(86284..86682)], rpl16 [complement(87718..87726)], rpl2 [complement(89585..90019)], rpl2	trnG-GCC [8321..9044], trnL-UAA [49674..50251], trnV-UAC [complement(54510..55116)], clpP [complement(74706..75335)], clpP [complement(75629..76492)], trnI-GAU [108188..109134], trnI-GAU [complement(142918..143864)], rpl2 [161358..162032]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90695..91093)], ndhB [complement(100296..101051)], ndhB [complement(101740..102516)], trnI-GAU [108146..108187], trnI-GAU [109135..109169], trnA-UGC [109234..109271], trnA-UGC [110080..110114], ndhA [complement(126927..127466)], ndhA [complement(128653..129222)], trnA-UGC [complement(141938..141972)], trnA-UGC [complement(142781..142818)], trnI-GAU [complement(142883..142917)], trnI-GAU [complement(143865..143906)], ndhB [149536..150312], ndhB [151001..151756], rpl2 [160959..161357], rpl2 [162033..162467]	
1656.	GRMO	47	rps12 [complement(98807..98832)], rps12 [complement(99373..99604)], rps12 [complement(70591..70704)], trnK [complement(1614..1648)], trnK [complement(4213..4249)], trnG [8035..8057], trnG [8808..8856], atpF [complement(11085..11494)], atpF [complement(12254..12398)], rpoC1 [complement(20510..22126)], rpoC1 [complement(22841..23272)], ycf3 [complement(42855..43007)], ycf3 [complement(43810..44037)], ycf3 [complement(44769..44894)], trnL [47631..47665], trnL [48196..48245], trnV [complement(51929..51963)], trnV [complement(52574..52612)], rps12 [141471..141702], rps12 [142243..142268], clpP [complement(70892..71119)], clpP [complement(71766..72057)], clpP [complement(72972..73042)], petB [75937..75942], petB [76703..77344], petD [77543..77550], petD [78384..78858], rpl16 [complement(82359..82757)], rpl16 [complement(83744..83752)], rpl2 [complement(85504..85938)], rpl2 [complement(86602..86991)], ndhB [complement(95752..96507)], ndhB [complement(97187..97966)], trnI [103581..103617], trnI [104469..104503], trnA [104573..104610], trnA [105412..105446], ndhA [complement(121217..121755)], ndhA [complement(122780..123332)], trnA [complement(135629..135663)], trnA [complement(136465..136502)], trnI [complement(136572..136606)], trnI [complement(137458..137494)], ndhB [143109..143888], ndhB [144568..145323], rpl2 [154084..154473], rpl2 [155137..155571]	-
1657.	GRRO	72	rps12 [complement(98692..98717)], rps12 [complement(99254..99485)], rps12 [complement(70699..70812)], trnK-UUU [complement(1743..1777)], trnK-UUU [complement(4279..4315)], rps16 [complement(5118..5327)], rps16	trnK-UUU [complement(1778..4278)], rps16 [complement(5328..6211)], trnG-UCC [9901..10568], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6212..6250)], trnG-UCC [9878..9900], trnG-UCC [10569..10616], atpF [complement(12516..12923)], atpF [complement(13640..13798)], rpoC1 [complement(21741..23366)], rpoC1 [complement(24114..24548)], ycf3 [complement(43986..44138)], ycf3 [complement(44891..45118)], ycf3 [complement(45840..45965)], trnL-UAA [48852..48886], trnL-UAA [49389..49438], trnV-UAC [complement(52403..52439)], trnV-UAC [complement(53031..53069)], rps12 [141274..141505], rps12 [142042..142067], clpP [complement(70947..71171)], clpP [complement(71812..72102)], clpP [complement(72902..72970)], petB [75860..75865], petB [76612..77253], petD [77447..77454], petD [78185..78659], rpl16 [complement(82141..82542)], rpl16 [complement(83569..83577)], rpl2 [complement(85262..85696)], rpl2 [complement(86359..86751)], ndhB [complement(95615..96370)], ndhB [complement(97050..97826)], trnI-GAU [103413..103454], trnI-GAU [104414..104448], trnA-UGC [104513..104550], trnA-UGC [105367..105401], ndhA [complement(120784..121323)], ndhA [complement(122430..122981)], trnA-UGC [complement(135358..135392)], trnA-UGC [complement(136209..136246)], trnI-GAU [complement(136311..136345)], trnI-GAU [complement(137305..137346)], ndhB [142933..143709], ndhB [144389..145144], rpl2 [154008..154397], rpl2 [155063..155497]	[complement(12924..13639)], rpoC1 [complement(23367..24113)], ycf3 [complement(44139..44890)], ycf3 [complement(45119..45839)], trnL-UAA [48887..49388], trnV-UAC [complement(52440..53030)], clpP [complement(71172..71811)], clpP [complement(72103..72901)], petB [75866..76611], petD [77455..78184], rpl16 [complement(82543..83568)], rpl2 [complement(85697..86358)], ndhB [complement(96371..97049)], trnI-GAU [103455..104413], trnA-UGC [104551..105366], ndhA [complement(121324..122429)], trnA-UGC [complement(135393..136208)], trnI-GAU [complement(136346..137304)], ndhB [143710..144388], rpl2 [154398..155062]
1658.	GRSI	25	trnK-UUU [complement(1658..1692)], trnK-UUU [complement(4222..4258)], trnG-UCC [8987..9009], trnG-UCC [9720..9767], trnL-UAA [49974..50008], trnL-UAA [50540..50589], trnV-UAC [complement(54068..54104)], trnV-UAC [complement(54713..54751)], rps12 [complement(101701..101726)], trnI-GAU [106114..106150], trnI-GAU [107104..107138], trnA-UGC [107203..107240], trnA-UGC [108043..108077], trnA-UGC [complement(137480..137514)], trnA-UGC [complement(138317..138354)], trnI-GAU [complement(138419..138453)], trnI-GAU [complement(139407..139443)]	trnK-UUU [complement(1693..4221)], trnG-UCC [9010..9719], trnL-UAA [50009..50539], trnV-UAC [complement(54105..54712)], trnI-GAU [106151..107103], trnA-UGC [107241..108042], trnA-UGC [complement(137515..138316)], trnI-GAU [complement(138454..139406)]
1659.	GRSU	25	rps12 [complement(102251..102493)], rps12 [complement(73412..73525)], atpF [complement(12694..13070)], rps12 [144493..144735]	trnK-UUU [complement(1951..4473)], rps16 [complement(5385..6114)], trnG-UCC [9902..10689], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(13071..13799)], rpoC1 [complement(23548..24284)], ycf3 [complement(45215..45933)], ycf3 [complement(46162..46915)], trnL-UAA [49497..50001], trnV-UAC [complement(54787..55377)], clpP [complement(73924..74539)], clpP [complement(74833..75628)], petB [78551..79362], rpl2 [complement(88455..89269)], ndhB [complement(99391..100082)], trnI-GAU [106636..107645], trnA-UGC [107783..108566], ndhA [complement(124984..126081)], trnA-UGC [complement(138649..139454)], trnI-GAU [complement(139592..140526)], ndhB [146756..147584], rpl2 [157740..158400]
1660.	GRTO	72	rps12 [complement(99398..99423)], rps12 [complement(99960..100191)], rps12 [complement(71402..71515)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4319..4355)], rps16 [complement(5151..5360)], rps16 [complement(6261..6299)], trnG-UCC [9995..10017], trnG-UCC [10695..10742], atpF [complement(12694..13101)], atpF [complement(13812..13970)], rpoC1 [complement(21924..23549)], rpoC1 [complement(24283..24717)], ycf3 [complement(44416..44568)], ycf3 [complement(45318..45545)], ycf3 [complement(46271..46396)], trnL-UAA [49281..49315], trnL-UAA [49818..49867], trnV-UAC [complement(52653..52689)], trnV-UAC [complement(53271..53309)], rps12 [142100..142331], rps12 [142868..142893], clpP [complement(71650..71874)], clpP [complement(72526..72816)], clpP [complement(73620..73688)], petB [76578..76583], petB [77337..77978], petD [78172..78179], petD [78905..79379], rpl16 [complement(82876..83277)], rpl16 [complement(84298..84306)], rpl2 [complement(85971..86405)], rpl2	trnK-UUU [complement(1809..4318)], rps16 [complement(5361..6260)], trnG-UCC [10018..10694], atpF [complement(13102..13811)], rpoC1 [complement(23550..24282)], ycf3 [complement(44569..45317)], ycf3 [complement(45546..46270)], trnL-UAA [49316..49817], trnV-UAC [complement(52690..53270)], clpP [complement(71875..72525)], clpP [complement(72817..73619)], petB [76584..77336], petD [78180..78904], rpl16 [complement(83278..84297)], rpl2 [complement(86406..87067)], ndhB [complement(97077..97755)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87068..87460)], ndhB [complement(96321..97076)], ndhB [complement(97756..98532)], trnI-GAU [104142..104183], trnI-GAU [105136..105170], trnA-UGC [105235..105272], trnA-UGC [106103..106137], ndhA [complement(121590..122129)], ndhA [complement(123226..123777)], trnA-UGC [complement(136162..136196)], trnA-UGC [complement(137019..137056)], trnI-GAU [complement(137121..137155)], trnI-GAU [complement(138108..138149)], ndhB [143759..144535], ndhB [145215..145970], rpl2 [154831..155220], rpl2 [155886..156320]	[104184..105135], trnA-UGC [105273..106102], ndhA [complement(122130..123225)], trnA-UGC [complement(136197..137018)], trnI-GAU [complement(137156..138107)], ndhB [144536..145214], rpl2 [155221..155885]
1661.	GUAB	42	rps12 [complement(97263..97505)], rps12 [complement(69091..69204)], trnK-UUU [complement(1722..1751)], trnK-UUU [complement(4285..4321)], trnG-UCC [complement(30102..30148)], trnG-UCC [complement(30874..30896)], ycf3 [complement(42868..43097)], trnL-UAA [46850..46886], trnL-UAA [47321..47370], trnV-UAC [complement(50852..50888)], trnV-UAC [complement(51464..51501)], rps12 [137777..138019], trnI-GAU [101434..101475], trnI-GAU [102247..102281], trnA-UGC [102346..102383], trnA-UGC [103204..103238], trnA-UGC [complement(132042..132076)], trnA-UGC [complement(132897..132934)], trnI-GAU [complement(132999..133033)], trnI-GAU [complement(133807..133848)]	trnK-UUU [complement(1752..4284)], rps16 [complement(5340..6208)], rpoC1 [16511..17253], atpF [26995..27701], trnG-UCC [complement(30149..30873)], ycf3 [complement(42123..42867)], ycf3 [complement(43098..43815)], trnL-UAA [46887..47320], trnV-UAC [complement(50889..51463)], clpP [complement(69596..70212)], clpP [complement(70504..71313)], petB [74319..75089], petD [75938..76648], rpl2 [complement(84114..84778)], ndhB [complement(94456..95125)], trnI-GAU [101476..102246], trnA-UGC [102384..103203], ndhA [115502..116563], trnA-UGC [complement(132077..132896)], trnI-GAU [complement(133034..133806)], ndhB [140157..140826], rpl2 [150505..151169]
1662.	GUA G	69	rps12 [complement(87930..87955)], rps12 [complement(88494..88725)], rps12 [complement(66824..66937)], trnK-UUU [complement(1729..1763)], trnK-UUU [complement(4311..4347)], trnG-UCC [7422..7444], trnG-UCC [8177..8224], atpF [complement(10436..10845)], atpF [complement(11576..11726)], rpoC1 [complement(19232..20848)], rpoC1	trnK-UUU [complement(1764..4310)], trnG-UCC [7445..8176], atpF [complement(10846..11575)], rpoC1 [complement(20849..21618)], ycf3 [complement(41342..42153)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(21619..22068)], ycf3 [complement(41189..41341)], ycf3 [complement(42154..42383)], ycf3 [complement(43123..43246)], trnL-UAA [45748..45782], trnL-UAA [46333..46382], trnV-UAC [complement(49608..49642)], trnV-UAC [complement(50233..50270)], rps12 [123639..123870], rps12 [124409..124434], clpP [complement(67077..67304)], clpP [complement(68343..68634)], clpP [complement(69480..69550)], petB [72446..72451], petB [73200..73841], petD [74054..74061], petD [74797..75289], rpl16 [complement(78641..79039)], rpl16 [complement(80008..80016)], rpl2 [complement(81711..82144)], rpl2 [complement(82810..83203)], ndhB [complement(84863..85618)], ndhB [complement(86302..87024)], trnI-GAU [92432..92468], trnI-GAU [93434..93468], trnA-UGC [93532..93569], trnA-UGC [94405..94439], ndhA [complement(109137..109675)], ndhA [complement(110812..111364)], trnA-UGC [complement(117925..117959)], trnA-UGC [complement(118795..118832)], trnI-GAU [complement(118896..118930)], trnI-GAU [complement(119896..119932)], ndhB [125340..126062], ndhB [126746..127501], rpl2 [129161..129554], rpl2 [130220..130653]</p>	<p>[complement(42384..43122)], trnL-UAA [45783..46332], trnV-UAC [complement(49643..50232)], clpP [complement(67305..68342)], clpP [complement(68635..69479)], petB [72452..73199], petD [74062..74796], rpl16 [complement(79040..80007)], rpl2 [complement(82145..82809)], ndhB [complement(85619..86301)], trnI-GAU [92469..93433], trnA-UGC [93570..94404], ndhA [complement(109676..110811)], trnA-UGC [complement(117960..118794)], trnI-GAU [complement(118931..119895)], ndhB [126063..126745], rpl2 [129555..130219]</p>
1663.	GUA N	41	<p>rps12 [complement(90128..90163)], rps12 [complement(90702..90932)], rps12 [complement(69587..69700)], trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3921..3957)], trnG-UCC [complement(13175..13222)], trnG-UCC [complement(13900..13922)], trnL-UAA [48648..48682], trnL-UAA [49222..49271], trnV-UAC [complement(52853..52889)], trnV-UAC [complement(53486..53524)], rps12 [127239..127469], rps12 [128008..128043], trnI-GAU [94295..94336], trnI-GAU [95283..95317], trnA-UGC [95384..95421], trnA-UGC [96233..96267], trnA-UGC [complement(121903..121937)], trnA-UGC [complement(122749..122786)], trnI-GAU [complement(122852..122886)], trnI-GAU [complement(123833..123874)]</p>	<p>trnK-UUU [complement(1415..3920)], rps16 [complement(4757..5602)], trnG-UCC [complement(13223..13899)], atpF [34977..35798], ycf3 [complement(44125..44843)], ycf3 [complement(45070..45815)], trnL-UAA [48683..49221], trnV-UAC [complement(52890..53485)], petB [73452..74266], petD [75105..75827], rpl16 [complement(80344..81434)], rpl2 [complement(83852..84510)], ndhB [complement(87815..88526)], trnI-GAU [94337..95282], trnA-UGC [95422..96232], ndhA [complement(112970..114000)], trnA-UGC [complement(121938..122748)], trnI-</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				GAU [complement(122887..123832)], ndhB [129645..130356], rpl2 [133661..134319]
1664.	GUCH	64	rps12 [complement(90490..90518)], rps12 [complement(91059..91290)], rps12 [complement(69942..70055)], trnK-UUU [complement(1737..1765)], trnK-UUU [complement(4273..4309)], rps16 [complement(4890..5105)], rps16 [complement(5949..5993)], trnG-UCC [complement(13527..13574)], trnG-UCC [complement(14252..14274)], atpF [35158..35316], atpF [36139..36546], ycf3 [complement(44305..44463)], ycf3 [complement(45188..45415)], ycf3 [complement(46163..46294)], trnL-UAA [48997..49031], trnL-UAA [49571..49620], trnV-UAC [complement(53207..53243)], trnV-UAC [complement(53840..53878)], rps12 [127661..127892], rps12 [128433..128461], petB [73799..73804], petB [74620..75261], petD [75450..75458], petD [76182..76655], rpl16 [complement(80292..80693)], rpl16 [complement(81788..81796)], rpl2 [complement(83778..84209)], rpl2 [complement(84872..85273)], ndhB [complement(87417..88172)], ndhB [complement(88885..89661)], trnI-GAU [94654..94695], trnI-GAU [95642..95676], trnA-UGC [95742..95779], trnA-UGC [96591..96625], ndhA [complement(112849..113388)], ndhA [complement(114420..114968)], trnA-UGC [complement(122326..122360)], trnA-UGC [complement(123172..123209)], trnI-GAU [complement(123275..123309)], trnI-GAU [complement(124256..124297)], ndhB [129290..130066], ndhB [130779..131534], rpl2 [133678..134079], rpl2 [134742..135173]	trnK-UUU [complement(1766..4272)], rps16 [complement(5106..5948)], trnG-UCC [complement(13575..14251)], atpF [35317..36138], ycf3 [complement(44464..45187)], ycf3 [complement(45416..46162)], trnL-UAA [49032..49570], trnV-UAC [complement(53244..53839)], petB [73805..74619], petD [75459..76181], rpl16 [complement(80694..81787)], rpl2 [complement(84210..84871)], ndhB [complement(88173..88884)], trnI-GAU [94696..95641], trnA-UGC [95780..96590], ndhA [complement(113389..114419)], trnA-UGC [complement(122361..123171)], trnI-GAU [complement(123310..124255)], ndhB [130067..130778], rpl2 [134080..134741]
1665.	GULE	70	rps12 [complement(102620..102862)], rps12 [complement(72788..72901)], trnK-UUU [complement(1917..1945)], trnK-UUU [complement(4527..4563)], rps16 [complement(5571..5800)], rps16 [complement(6723..6762)], trnG-GCC [9316..9338], trnG-GCC [10069..10117], atpF [complement(12539..12945)], atpF [complement(13664..13808)], rpoC1 [complement(22206..23816)], rpoC1 [complement(24599..25030)], ycf3 [complement(46008..46160)], ycf3 [complement(46991..47218)], ycf3 [complement(47937..48065)], trnL-UAA [50592..50628], trnL-UAA [51250..51299], trnV-UAC [complement(54768..54804)], trnV-UAC [complement(55429..55467)], rps12 [144535..144777], clpP [complement(73145..73372)], clpP	trnK-UUU [complement(1946..4526)], rps16 [complement(5801..6722)], trnG-GCC [9339..10068], atpF [complement(12946..13663)], rpoC1 [complement(23817..24598)], ycf3 [complement(46161..46990)], ycf3 [complement(47219..47936)], trnL-UAA [50629..51249], trnV-UAC [complement(54805..55428)], clpP [complement(73373..73964)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73965..74255)], clpP [complement(75029..75097)], petB [78111..78116], petB [78926..79567], petD [79772..79779], petD [80542..81016], rpl16 [complement(84949..85347)], rpl16 [complement(86429..86437)], rpl2 [complement(88194..88628)], rpl2 [complement(89320..89709)], ndhB [complement(99013..99768)], ndhB [complement(100448..101224)], trnI-GAU [106522..106563], trnI-GAU [107520..107554], trnA-UGC [107619..107656], trnA-UGC [108460..108494], ndhA [complement(124396..124935)], ndhA [complement(126126..126677)], trnA-UGC [complement(138909..138943)], trnA-UGC [complement(139747..139784)], trnI-GAU [complement(139849..139883)], trnI-GAU [complement(140839..140880)], ndhB [146173..146949], ndhB [147629..148384], rpl2 [157648..158037], rpl2 [158729..159163]	[complement(74256..75028)], petB [78117..78925], petD [79780..80541], rpl16 [complement(85348..86428)], rpl2 [complement(88629..89319)], ndhB [complement(99769..100447)], trnI-GAU [106564..107519], trnA-UGC [107657..108459], ndhA [complement(124936..126125)], trnA-UGC [complement(138944..139746)], trnI-GAU [complement(139884..140838)], ndhB [146950..147628], rpl2 [158038..158728]
1666.	GUWE	64	rps12 [complement(90105..90133)], rps12 [complement(90674..90905)], rps12 [complement(69587..69700)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3930..3967)], rps16 [complement(4540..4757)], rps16 [complement(5604..5643)], trnG-UCC [complement(13192..13239)], trnG-UCC [complement(13917..13939)], atpF [34808..34966], atpF [35795..36202], ycf3 [complement(43962..44120)], ycf3 [complement(44845..45072)], ycf3 [complement(45809..45940)], trnL-UAA [48650..48684], trnL-UAA [49224..49273], trnV-UAC [complement(52851..52887)], trnV-UAC [complement(53484..53522)], rps12 [127226..127457], rps12 [127998..128026], petB [73445..73450], petB [74266..74907], petD [75096..75103], petD [75827..76301], rpl16 [complement(79911..80315)], rpl16 [complement(81407..81415)], rpl2 [complement(83393..83824)], rpl2 [complement(84487..84876)], ndhB [complement(87032..87787)], ndhB [complement(88500..89276)], trnI-GAU [94269..94310], trnI-GAU [95257..95291], tRNA-UGC [95357..95394], tRNA-UGC [96206..96240], ndhA [complement(112414..112953)], ndhA [complement(113985..114533)], tRNA-UGC [complement(121891..121925)], tRNA-UGC [complement(122737..122774)], trnI-GAU [complement(122840..122874)], trnI-GAU [complement(123821..123862)], ndhB [128855..129631], ndhB [130344..131099], rpl2 [133255..133644], rpl2 [134307..134738]	trnK-UUU [complement(1405..3929)], rps16 [complement(4758..5603)], trnG-UCC [complement(13240..13916)], atpF [34967..35794], ycf3 [complement(44121..44844)], ycf3 [complement(45073..45808)], trnL-UAA [48685..49223], trnV-UAC [complement(52888..53483)], petB [73451..74265], petD [75104..75826], rpl16 [complement(80316..81406)], rpl2 [complement(83825..84486)], ndhB [complement(87788..88499)], trnI-GAU [94311..95256], tRNA-UGC [95395..96205], ndhA [complement(112954..113984)], tRNA-UGC [complement(121926..122736)], trnI-GAU [complement(122875..123820)], ndhB [129632..130343], rpl2 [133645..134306]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1667.	GYBU	73	rps12 [complement(100523..100549)], rps12 [complement(101090..101320)], rps12 [complement(72247..72360)], trnk-UUU [complement(1838..1873)], trnk-UUU [complement(4363..4398)], rps16 [complement(5521..5735)], rps16 [complement(6585..6624)], trnG-UCC [9273..9292], trnG-UCC [9952..10002], atpF [complement(12165..12575)], atpF [complement(13257..13400)], rpoC1 [complement(21465..23075)], rpoC1 [complement(23800..24231)], ycf3 [complement(44694..44846)], ycf3 [complement(45591..45818)], ycf3 [complement(46530..46655)], trnL-UAA [49592..49629], trnL-UAA [50181..50228], trnV-UAC [complement(53842..53878)], trnV-UAC [complement(54480..54518)], rps12 [complement(72247..72360)], rps12 [143203..143433], rps12 [143974..144000], clpP [complement(72524..72751)], clpP [complement(73359..73649)], clpP [complement(74482..74550)], petB [77478..77483], petB [78263..78904], petD [79094..79102], petD [79833..80309], rpl16 [complement(83754..84152)], rpl16 [complement(85174..85182)], rpl2 [complement(86889..87323)], rpl2 [complement(88006..88398)], ndhB [complement(97455..98210)], ndhB [complement(98897..99673)], trnI-GAU [104888..104929], trnI-GAU [105881..105915], trnA-UGC [105988..106025], trnA-UGC [106828..106862], ndhA [complement(122877..123416)], ndhA [complement(124567..125118)], trnA-UGC [complement(137661..137696)], trnA-UGC [complement(138499..138535)], trnI-GAU [complement(138608..138643)], trnI-GAU [complement(139600..139635)], ndhB [144850..145626], ndhB [146313..147068], rpl2 [156125..156517], rpl2 [157200..157634]	trnk-UUU [complement(1874..4362)], rps16 [complement(5736..6584)], trnG-UCC [9293..9951], atpF [complement(12576..13256)], rpoC1 [complement(23076..23799)], ycf3 [complement(44847..45590)], ycf3 [complement(45819..46529)], trnL-UAA [49630..50180], trnV-UAC [complement(53879..54479)], clpP [complement(72752..73358)], clpP [complement(73650..74481)], petB [77484..78262], petD [79103..79832], rpl16 [complement(84153..85173)], rpl2 [complement(87324..88005)], ndhB [complement(98211..98896)], trnI-GAU [104930..105880], trnA-UGC [106026..106827], ndhA [complement(123417..124566)], trnA-UGC [complement(137697..138498)], trnI-GAU [complement(138644..139599)], ndhB [145627..146312], rpl2 [156518..157199]
1668.	GYCA	73	rps12 [complement(101271..101297)], rps12 [complement(101838..102068)], rps12 [complement(72984..73097)], trnk-UUU [complement(2096..2131)], trnk-UUU [complement(4626..4661)], rps16 [complement(5815..6038)], rps16 [complement(6900..6939)], trnG-UCC [9598..9617], trnG-UCC [10277..10327], atpF [complement(12653..13063)], atpF [complement(13752..13895)], rpoC1 [complement(21961..23571)], rpoC1 [complement(24298..24729)], ycf3 [complement(45331..45483)], ycf3 [complement(46231..46458)], ycf3 [complement(47175..47300)], trnL-UAA [50285..50322], trnL-UAA [50858..50905], trnV-UAC	trnk-UUU [complement(2132..4625)], rps16 [complement(6039..6899)], trnG-UCC [9618..10276], atpF [complement(13064..13751)], rpoC1 [complement(23572..24297)], ycf3 [complement(45484..46230)], ycf3 [complement(46459..47174)], trnL-UAA [50323..50857], trnV-UAC [complement(54581..55181)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54544..54580)], trnV-UAC [complement(55182..55220)], rps12 [complement(72984..73097)], rps12 [144553..144783], rps12 [145324..145350], clpP [complement(73263..73490)], clpP [complement(74111..74401)], clpP [complement(75237..75305)], petB [78236..78241], petB [79016..79657], petD [79847..79855], petD [80572..81048], rpl16 [complement(84497..84895)], rpl16 [complement(85923..85931)], rpl2 [complement(87632..88066)], rpl2 [complement(88749..89141)], ndhB [complement(98198..98953)], ndhB [complement(99640..100416)], trnI-GAU [105889..105930], trnI-GAU [106883..106917], trnA-UGC [106990..107027], trnA-UGC [107830..107864], ndhA [complement(123935..124474)], ndhA [complement(125651..126202)], trnA-UGC [complement(138757..138792)], trnA-UGC [complement(139595..139631)], trnI-GAU [complement(139704..139739)], trnI-GAU [complement(140697..140732)], ndhB [146205..146981], ndhB [147668..148423], rpl2 [157480..157872], rpl2 [158555..158989]	[complement(73491..74110)], clpP [complement(74402..75236)], petB [78242..79015], petD [79856..80571], rpl16 [complement(84896..85922)], rpl2 [complement(88067..88748)], ndhB [complement(98954..99639)], trnI-GAU [105931..106882], trnA-UGC [107028..107829], ndhA [complement(124475..125650)], trnA-UGC [complement(138793..139594)], trnI-GAU [complement(139740..140696)], ndhB [146982..147667], rpl2 [157873..158554]
1669.	GYCO	73	rps12 [complement(100548..100574)], rps12 [complement(101115..101345)], rps12 [complement(72269..72382)], trnk-UUU [complement(1818..1853)], trnk-UUU [complement(4342..4377)], rps16 [complement(5495..5709)], rps16 [complement(6567..6606)], trnG-UCC [9233..9252], trnG-UCC [9912..9962], atpF [complement(12152..12562)], atpF [complement(13246..13389)], rpoC1 [complement(21468..23069)], rpoC1 [complement(23794..24225)], ycf3 [complement(44790..44942)], ycf3 [complement(45698..45925)], ycf3 [complement(46641..46766)], trnL-UAA [49735..49772], trnL-UAA [50314..50361], trnV-UAC [complement(54014..54050)], trnV-UAC [complement(54652..54690)], rps12 [complement(72269..72382)], rps12 [143426..143656], rps12 [144197..144223], clpP [complement(72549..72776)], clpP [complement(73392..73682)], clpP [complement(74518..74586)], petB [77516..77521], petB [78302..78943], petD [79137..79145], petD [79870..80346], rpl16 [complement(83782..84180)], rpl16 [complement(85205..85213)], rpl2 [complement(86914..87348)], rpl2 [complement(88031..88423)], ndhB [complement(97480..98235)], ndhB [complement(98922..99698)], trnI-GAU [105036..105077], trnI-GAU	trnk-UUU [complement(1854..4341)], rps16 [complement(5710..6566)], trnG-UCC [9253..9911], atpF [complement(12563..13245)], rpoC1 [complement(23070..23793)], ycf3 [complement(44943..45697)], ycf3 [complement(45926..46640)], trnL-UAA [49773..50313], trnV-UAC [complement(54051..54651)], clpP [complement(72777..73391)], clpP [complement(73683..74517)], petB [77522..78301], petD [79146..79869], rpl16 [complement(84181..85204)], rpl2 [complement(87349..88030)], ndhB [complement(98236..98921)], trnI-GAU [105078..106028], trnA-UGC [106174..106981], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[106029..106063], trnA-UGC [106136..106173], trnA-UGC [106982..107016], ndhA [complement(122975..123514)], ndhA [complement(124670..125221)], trnA-UGC [complement(137755..137790)], trnA-UGC [complement(138599..138635)], trnI-GAU [complement(138708..138743)], trnI-GAU [complement(139700..139735)], ndhB [145073..145849], ndhB [146536..147291], rpl2 [156348..156740], rpl2 [157423..157857]	[complement(123515..124669)], trnA-UGC [complement(137791..138598)], trnI-GAU [complement(138744..139699)], ndhB [145850..146535], rpl2 [156741..157422]
1670.	GYCU	73	rps12 [complement(100549..100575)], rps12 [complement(101116..101346)], rps12 [complement(72274..72387)], trnk-UUU [complement(1852..1887)], trnk-UUU [complement(4376..4411)], rps16 [complement(5522..5736)], rps16 [complement(6591..6630)], trnG-UCC [9251..9270], trnG-UCC [9930..9980], atpF [complement(12139..12549)], atpF [complement(13231..13374)], rpoC1 [complement(21433..23034)], rpoC1 [complement(23759..24190)], ycf3 [complement(44746..44898)], ycf3 [complement(45651..45878)], ycf3 [complement(46594..46719)], trnL-UAA [49712..49749], trnL-UAA [50290..50337], trnV-UAC [complement(54016..54052)], trnV-UAC [complement(54654..54692)], rps12 [complement(72274..72387)], rps12 [143438..143668], rps12 [144209..144235], clpP [complement(72553..72780)], clpP [complement(73396..73686)], clpP [complement(74522..74590)], petB [77519..77524], petB [78305..78946], petD [79137..79145], petD [79871..80347], rpl16 [complement(83783..84181)], rpl16 [complement(85206..85214)], rpl2 [complement(86915..87349)], rpl2 [complement(88032..88424)], ndhB [complement(97481..98236)], ndhB [complement(98923..99699)], trnI-GAU [105037..105078], trnI-GAU [106030..106064], trnA-UGC [106137..106174], trnA-UGC [106977..107011], ndhA [complement(122990..123529)], ndhA [complement(124687..125238)], trnA-UGC [complement(137773..137808)], trnA-UGC [complement(138611..138647)], trnI-GAU [complement(138720..138755)], trnI-GAU [complement(139712..139747)], ndhB [145085..145861], ndhB [146548..147303], rpl2 [156360..156752], rpl2 [157435..157869]	trnk-UUU [complement(1888..4375)], rps16 [complement(5737..6590)], trnG-UCC [9271..9929], atpF [complement(12550..13230)], rpoC1 [complement(23035..23758)], ycf3 [complement(44899..45650)], ycf3 [complement(45879..46593)], trnL-UAA [49750..50289], trnV-UAC [complement(54053..54653)], clpP [complement(72781..73395)], clpP [complement(73687..74521)], petB [77525..78304], petD [79146..79870], rpl16 [complement(84182..85205)], rpl2 [complement(87350..88031)], ndhB [complement(98237..98922)], trnI-GAU [105079..106029], trnA-UGC [106175..106976], ndhA [complement(123530..124686)], trnA-UGC [complement(137809..138610)], trnI-GAU [complement(138756..139711)], ndhB [145862..146547], rpl2 [156753..157434]
1671.	GYG Y	30	rps12 [complement(73283..73396)], rps16 [complement(4870..5123)], rps16 [complement(6006..6045)], atpF [complement(12547..12953)], ycf3 [complement(47278..47401)], rps12 [143964..143989], clpP	trnK-UUU [complement(1739..4269)], rps16 [complement(5124..6005)], atpF [complement(12954..13692)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74500..74791)], rpl2 [complement(88173..88606)], rpl2 [155779..156168]	[complement(23487..24228)], ycf3 [complement(45572..46313)], ycf3 [complement(46554..47277)], trnL-UAA [50531..51014], trnV-UAC [complement(55409..55999)], clpP [complement(73795..74499)], clpP [complement(74792..75614)], petD [80219..80900], rpl16 [complement(85331..86431)], rpl2 [complement(88607..89265)], ndhB [complement(99124..99824)], trnI-GAU [106242..107176], trnA-UGC [107314..108113], ndhA [complement(123531..124551)], trnA-UGC [complement(137322..138121)], trnI-GAU [complement(138259..139193)], ndhB [145611..146311], rpl2 [156169..156827]
1672.	GYKI	70	rps12 [complement(101374..101399)], rps12 [complement(101946..102177)], rps12 [complement(72773..72898)], trnK-UUU [complement(2132..2166)], trnK-UUU [complement(4655..4691)], rps16 [complement(5621..5832)], rps16 [complement(6707..6746)], trnG-GCC [9557..9579], trnG-GCC [10296..10332], atpF [complement(12311..12721)], atpF [complement(13430..13588)], rpoC2 [complement(21581..23197)], rpoC2 [complement(23966..24418)], ycf3 [complement(44745..44897)], ycf3 [complement(45662..45889)], ycf3 [complement(46632..46757)], trnL-UAA [50219..50253], trnL-UAA [50766..50815], trnV-UAC [complement(55320..55356)], trnV-UAC [complement(55962..56000)], clpP [complement(73068..73314)], clpP [complement(74020..74310)], clpP [complement(75078..75148)], petB [78046..78051], petB [78915..79562], petD [79767..79774], petD [80487..80982], rpl16 [complement(84460..84858)], rpl16 [complement(85956..85964)], rpl2 [complement(87690..88123)], rpl2 [complement(88784..89084)], ndhB [complement(98294..99052)], ndhB	trnK-UUU [complement(2167..4654)], rps16 [complement(5833..6706)], trnG-GCC [9580..10295], atpF [complement(12722..13429)], rpoC2 [complement(23198..23965)], ycf3 [complement(44898..45661)], ycf3 [complement(45890..46631)], trnL-UAA [50254..50765], trnV-UAC [complement(55357..55961)], clpP [complement(73315..74019)], clpP [complement(74311..75077)], petB [78052..78914], petD [79775..80486], rpl16 [complement(84859..85955)], rpl2 [complement(88124..88783)], ndhB [complement(99053..99752)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(99753..100529)], trnI-GAU [106039..106088], trnI-GAU [107026..107060], trnA-UGC [107125..107162], trnA-UGC [107963..107997], ndhA [complement(124957..125496)], ndhA [complement(126581..127135)], trnA-UGC [complement(139599..139633)], trnA-UGC [complement(140434..140471)], trnI-GAU [complement(140536..140570)], trnI-GAU [complement(141516..141557)], ndhB [147067..147843], ndhB [148544..149302], rpl2 [158410..158812], rpl2 [159473..159906]	[106089..107025], trnA-UGC [107163..107962], ndhA [complement(125497..126580)], trnA-UGC [complement(139634..140433)], trnI-GAU [complement(140571..141515)], ndhB [147844..148543], rpl2 [158813..159472]
1673.	GYLA	73	rps12 [complement(100753..100779)], rps12 [complement(101320..101550)], rps12 [complement(72482..72595)], trnk-UUU [complement(1830..1865)], trnk-UUU [complement(4354..4389)], rps16 [complement(5528..5751)], rps16 [complement(6602..6641)], trnG-UCC [9267..9286], trnG-UCC [9946..9996], atpF [complement(12210..12620)], atpF [complement(13307..13450)], rpoC1 [complement(21520..23130)], rpoC1 [complement(23853..24284)], ycf3 [complement(44804..44956)], ycf3 [complement(45704..45931)], ycf3 [complement(46648..46773)], trnL-UAA [49740..49777], trnL-UAA [50313..50360], trnV-UAC [complement(54085..54121)], trnV-UAC [complement(54723..54761)], rps12 [complement(72482..72595)], rps12 [143771..144001], rps12 [144542..144568], clpP [complement(72762..72989)], clpP [complement(73610..73900)], clpP [complement(74737..74805)], petB [77730..77735], petB [78508..79149], petD [79339..79347], petD [80063..80539], rpl16 [complement(83987..84385)], rpl16 [complement(85410..85418)], rpl2 [complement(87119..87553)], rpl2 [complement(88236..88628)], ndhB [complement(97685..98440)], ndhB [complement(99127..99903)], trnI-GAU [105244..105285], trnI-GAU [106237..106271], trnA-UGC [106344..106381], trnA-UGC [107184..107218], ndhA [complement(123278..123817)], ndhA [complement(125000..125551)], trnA-UGC [complement(138103..138138)], trnA-UGC [complement(138941..138977)], trnI-GAU [complement(139050..139085)], trnI-GAU [complement(140042..140077)], ndhB [145418..146194], ndhB [146881..147636], rpl2 [156693..157085], rpl2 [157768..158202]	trnk-UUU [complement(1866..4353)], rps16 [complement(5752..6601)], trnG-UCC [9287..9945], atpF [complement(12621..13306)], rpoC1 [complement(23131..23852)], ycf3 [complement(44957..45703)], ycf3 [complement(45932..46647)], trnL-UAA [49778..50312], trnV-UAC [complement(54122..54722)], clpP [complement(72990..73609)], clpP [complement(73901..74736)], petB [77736..78507], petD [79348..80062], rpl16 [complement(84386..85409)], rpl2 [complement(87554..88235)], ndhB [complement(98441..99126)], trnI-GAU [105286..106236], trnA-UGC [106382..107183], ndhA [complement(123818..124999)], trnA-UGC [complement(138139..138940)], trnI-GAU [complement(139086..140041)], ndhB [146195..146880], rpl2 [157086..157767]
1674.	GYLO	73	rps12 [complement(100468..100494)], rps12 [complement(101035..101265)], rps12 [complement(72202..72315)], trnk-UUU [complement(1851..1886)],	trnk-UUU [complement(1887..4375)], rps16 [complement(5726..6581)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4376..4411)], rps16 [complement(5511..5725)], rps16 [complement(6582..6621)], trnG-UCC [9251..9270], trnG-UCC [9930..9980], atpF [complement(12147..12557)], atpF [complement(13244..13387)], rpoC1 [complement(21453..23063)], rpoC1 [complement(23790..24221)], ycf3 [complement(44677..44829)], ycf3 [complement(45575..45802)], ycf3 [complement(46518..46643)], trnL-UAA [49574..49611], trnL-UAA [50146..50193], trnV-UAC [complement(53786..53822)], trnV-UAC [complement(54424..54462)], rps12 [complement(72202..72315)], rps12 [143117..143347], rps12 [143888..143914], clpP [complement(72479..72706)], clpP [complement(73316..73606)], clpP [complement(74436..74504)], petB [77430..77435], petB [78216..78857], petD [79047..79055], petD [79780..80256], rpl16 [complement(83699..84097)], rpl16 [complement(85119..85127)], rpl2 [complement(86834..87268)], rpl2 [complement(87951..88343)], ndhB [complement(97400..98155)], ndhB [complement(98842..99618)], trnI-GAU [104833..104874], trnI-GAU [105826..105860], trnA-UGC [105933..105970], trnA-UGC [106773..106807], ndhA [complement(122800..123339)], ndhA [complement(124508..125059)], trnA-UGC [complement(137575..137610)], trnA-UGC [complement(138413..138449)], trnI-GAU [complement(138522..138557)], trnI-GAU [complement(139514..139549)], ndhB [144764..145540], ndhB [146227..146982], rpl2 [156039..156431], rpl2 [157114..157548]	[9271..9929], atpF [complement(12558..13243)], rpoC1 [complement(23064..23789)], ycf3 [complement(44830..45574)], ycf3 [complement(45803..46517)], trnL-UAA [49612..50145], trnV-UAC [complement(53823..54423)], clpP [complement(72707..73315)], clpP [complement(73607..74435)], petB [77436..78215], petD [79056..79779], rpl16 [complement(84098..85118)], rpl2 [complement(87269..87950)], ndhB [complement(98156..98841)], trnI-GAU [104875..105825], trnA-UGC [105971..106772], ndhA [complement(123340..124507)], trnA-UGC [complement(137611..138412)], trnI-GAU [complement(138558..139513)], ndhB [145541..146226], rpl2 [156432..157113]
1675.	GYMI	70	rps12 [complement(101461..101486)], rps12 [complement(102033..102264)], rps12 [complement(72990..73103)], trnK-UUU [complement(2120..2154)], trnK-UUU [complement(4652..4688)], rps16 [complement(5701..5912)], rps16 [complement(6814..6853)], trnG-GCC [9616..9638], trnG-GCC [10346..10382], atpF [complement(12373..12783)], atpF [complement(13495..13653)], rpoC1 [complement(21660..23282)], rpoC1 [complement(24029..24481)], ycf3 [complement(45012..45164)], ycf3 [complement(45936..46163)], ycf3 [complement(46887..47012)], trnL-UAA [50566..50600], trnL-UAA [51076..51125], trnV-UAC [complement(55677..55713)], trnV-UAC [complement(56334..56372)], clpP [complement(73270..73516)], clpP [complement(74227..74517)], clpP	trnK-UUU [complement(2155..4651)], rps16 [complement(5913..6813)], trnG-GCC [9639..10345], atpF [complement(12784..13494)], rpoC1 [complement(23283..24028)], ycf3 [complement(45165..45935)], ycf3 [complement(46164..46886)], trnL-UAA [50601..51075], trnV-UAC [complement(55714..56333)], clpP [complement(73517..74226)], clpP [complement(74518..75202)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75203..75273)], petB [78173..78178], petB [78999..79646], petD [79851..79858], petD [80565..81060], rpl16 [complement(84550..84948)], rpl16 [complement(86048..86056)], rpl2 [complement(87780..88213)], rpl2 [complement(88874..89264)], ndhB [complement(98381..99139)], ndhB [complement(99840..100616)], trnI-GAU [106117..106158], trnI-GAU [107099..107133], trnA-UGC [107198..107235], trnA-UGC [108036..108070], ndhA [complement(125353..125892)], ndhA [complement(126968..127522)], trnA-UGC [complement(139984..140018)], trnA-UGC [complement(140819..140856)], trnI-GAU [complement(140921..140955)], trnI-GAU [complement(141896..141937)], ndhB [147438..148214], ndhB [148915..149673], rpl2 [158790..159180], rpl2 [159841..160274]	[78179..78998], petD [79859..80564], rpl16 [complement(84949..86047)], rpl2 [complement(88214..88873)], ndhB [complement(99140..99839)], trnI-GAU [106159..107098], trnA-UGC [107236..108035], ndhA [complement(125893..126967)], trnA-UGC [complement(140019..140818)], trnI-GAU [complement(140956..141895)], ndhB [148215..148914], rpl2 [159181..159840]
1676.	GYN A	46	rps12 [complement(98348..98587)], rps12 [complement(69963..70088)], atpF [complement(11504..11913)], atpF [complement(12613..12760)], rpoC1 [complement(20685..22306)], rpoC1 [complement(23048..23501)], ycf3 [complement(43385..43537)], ycf3 [complement(44325..44554)], ycf3 [complement(45292..45418)], rps12 [139829..140068], clpP [complement(70222..70451)], clpP [complement(71144..71433)], clpP [complement(72203..72270)], rpl2 [complement(84471..84940)], rpl2 [complement(85551..85944)], ndhB [complement(94777..95566)], ndhB [complement(96599..96996)], trnI-GAU [102261..102302], trnI-GAU [103246..103280], trnA-UGC [103344..103381], trnA-UGC [104199..104233], ndhA [complement(119761..120299)], ndhA [complement(121361..121916)], trnA-UGC [complement(134183..134217)], trnA-UGC [complement(135035..135072)], trnI-GAU [complement(135136..135170)], trnI-GAU [complement(136114..136155)], ndhB [141420..141817], ndhB [142850..143639], rpl2 [152472..152862], rpl2 [153476..153945]	atpF [complement(11914..12612)], rpoC1 [complement(22307..23047)], ycf3 [complement(43538..44324)], ycf3 [complement(44555..45291)], clpP [complement(70452..71143)], clpP [complement(71434..72202)], rpl2 [complement(84941..85550)], ndhB [complement(95567..96598)], trnI-GAU [102303..103245], trnA-UGC [103382..104198], ndhA [complement(120300..121360)], trnA-UGC [complement(134218..135034)], trnI-GAU [complement(135171..136113)], ndhB [141818..142849], rpl2 [152863..153475]
1677.	GYOF	43	atpF [complement(11960..12369)], atpF [complement(13076..13226)], rpoC1 [complement(21127..22757)], rpoC1 [complement(23512..23965)], ycf3 [complement(43181..43333)], ycf3 [complement(44099..44328)], ycf3 [complement(45066..45192)], clpP [complement(69638..69869)], clpP [complement(70529..70822)], clpP [complement(71632..71690)], rpl2 [complement(84048..84520)], rpl2 [complement(85137..85530)], ndhB	atpF [complement(12370..13075)], rpoC1 [complement(22758..23511)], ycf3 [complement(43334..44098)], ycf3 [complement(44329..45065)], clpP [complement(69870..70528)], clpP [complement(70823..71631)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(94348..95103)], ndhB [complement(95695..96564)], trnI-GAU [101864..101905], trnI-GAU [102843..102877], trnA-UGC [102941..102978], trnA-UGC [103797..103831], ndhA [complement(118693..119231)], ndhA [complement(120337..120892)], trnA-UGC [complement(133288..133322)], trnA-UGC [complement(134141..134178)], trnI-GAU [complement(134242..134276)], trnI-GAU [complement(135214..135255)], ndhB [140555..141421], ndhB [142016..142771], rpl2 [151589..151979], rpl2 [152599..153071]	[complement(84521..85136)], ndhB [complement(95104..95694)], trnI-GAU [101906..102842], trnA-UGC [102979..103796], ndhA [complement(119232..120336)], trnA-UGC [complement(133323..134140)], trnI-GAU [complement(134277..135213)], ndhB [141422..142015], rpl2 [151980..152598]
1678.	GYPE	40	rps12 [complement(102124..102323)], rps12 [complement(73880..73991)], trnK-UUU [complement(1999..2021)], trnK-UUU [complement(4511..4549)], trnG-GCC [10090..10112], trnG-GCC [10782..10818], trnL-UAA [51116..51152], trnL-UAA [51740..51790], trnV-UAC [complement(55407..55443)], trnV-UAC [complement(56045..56083)], trnI-GAU [106313..106354], trnI-GAU [107306..107340], trnA-UGC [107414..107451], trnA-UGC [108255..108289], trnA-UGC [complement(139030..139063)], trnA-UGC [complement(139867..139905)], trnI-GAU [complement(140036..140070)], trnI-GAU [complement(141022..141063)]	trnK-UUU [complement(2022..4510)], rps16 [complement(5892..6800)], trnG-GCC [10113..10781], rpoC1 [complement(24195..25003)], ycf3 [complement(46296..47040)], ycf3 [complement(47269..47983)], trnL-UAA [51153..51739], trnV-UAC [complement(55444..56044)], clpP [complement(74383..74763)], clpP [complement(75055..75883)], petB [78884..79672], petD [80513..81236], rpl16 [complement(85639..86775)], rpl2 [complement(88976..89657)], ndhB [complement(99257..99942)], trnI-GAU [106355..107305], trnA-UGC [107452..108254], ndhA [complement(124572..125756)], trnA-UGC [complement(139064..139866)], trnI-GAU [complement(140071..141021)], ndhB [147377..148062], rpl2 [157662..158343]
1679.	GYPN	73	rps12 [complement(100309..100335)], rps12 [complement(100876..101106)], rps12 [complement(72039..72152)], trnk-UUU [complement(1878..1913)], trnk-UUU [complement(4376..4411)], rps16 [complement(5505..5719)], rps16 [complement(6575..6614)], trnG-UCC [9224..9243], trnG-UCC [9893..9943],	trnk-UUU [complement(1914..4375)], rps16 [complement(5720..6574)], trnG-UCC [9244..9892], atpF [complement(12501..13180)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(12090..12500)], atpF [complement(13181..13324)], rpoC1 [complement(21391..23001)], rpoC1 [complement(23727..24158)], ycf3 [complement(44680..44832)], ycf3 [complement(45571..45798)], ycf3 [complement(46515..46640)], trnL-UAA [49546..49583], trnL-UAA [50126..50173], trnV-UAC [complement(53851..53887)], trnV-UAC [complement(54489..54527)], rps12 [complement(72039..72152)], rps12 [143296..143526], rps12 [144067..144093], clpP [complement(72314..72541)], clpP [complement(73163..73453)], clpP [complement(74288..74356)], petB [77293..77298], petB [78085..78726], petD [78916..78924], petD [79648..80124], rpl16 [complement(83573..83971)], rpl16 [complement(84981..84989)], rpl2 [complement(86680..87114)], rpl2 [complement(87797..88189)], ndhB [complement(97237..97992)], ndhB [complement(98679..99455)], trnI-GAU [104736..104777], trnI-GAU [105729..105763], trnA-UGC [105836..105873], trnA-UGC [106676..106710], ndhA [complement(122803..123342)], ndhA [complement(124527..125078)], trnA-UGC [complement(137692..137727)], trnA-UGC [complement(138530..138566)], trnI-GAU [complement(138639..138674)], trnI-GAU [complement(139631..139666)], ndhB [144947..145723], ndhB [146410..147165], rpl2 [156213..156605], rpl2 [157288..157722]	[complement(23002..23726)], ycf3 [complement(44833..45570)], ycf3 [complement(45799..46514)], trnL-UAA [49584..50125], trnV-UAC [complement(53888..54488)], clpP [complement(72542..73162)], clpP [complement(73454..74287)], petB [77299..78084], petD [78925..79647], rpl16 [complement(83972..84980)], rpl2 [complement(87115..87796)], ndhB [complement(97993..98678)], trnI-GAU [104778..105728], trnA-UGC [105874..106675], ndhA [complement(123343..124526)], trnA-UGC [complement(137728..138529)], trnI-GAU [complement(138675..139630)], ndhB [145724..146409], rpl2 [156606..157287]
1680.	GYPR	64	rps12 [complement(95286..95311)], rps12 [complement(95854..96085)], rps12 [complement(68823..68936)], trnK-UUU [complement(1594..1627)], trnK-UUU [complement(4160..4196)], rps16 [complement(4646..4839)], rps16 [complement(5688..5727)], trnG-UCC [8673..8695], trnG-UCC [9401..9448], atpF [complement(11434..11843)], atpF [complement(12558..12702)], rpoC1 [complement(20399..22009)], rpoC1 [complement(22738..23169)], ycf3 [complement(41544..41696)], ycf3 [complement(42443..42672)], ycf3 [complement(43397..43520)], trnL-UAA [45961..45995], trnL-UAA [46576..46625], trnV-UAC [complement(50474..50508)], trnV-UAC [complement(51117..51152)], clpP [complement(69050..69277)], clpP [complement(69845..70136)], clpP [complement(71019..71089)], petB [73987..73992], petB [74745..75386], petD [75602..75609], petD [76358..76832], rpl16 [complement(80258..80656)], rpl16	trnK-UUU [complement(1628..4159)], rps16 [complement(4840..5687)], trnG-UCC [8696..9400], atpF [complement(11844..12557)], rpoC1 [complement(22010..22737)], ycf3 [complement(41697..42442)], ycf3 [complement(42673..43396)], trnL-UAA [45996..46575], trnV-UAC [complement(50509..51116)], clpP [complement(69278..69844)], clpP [complement(70137..71018)], petB [73993..74744], petD [75610..76357], rpl16 [complement(80657..81613)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(81614..81622)], ndhB [complement(92235..92990)], ndhB [complement(93659..94435)], trnI-GAU [99762..99798], trnI-GAU [100740..100774], trnA-UGC [100845..100882], trnA-UGC [101710..101744], ndhA [complement(117656..118200)], ndhA [complement(119228..119780)], trnA-UGC [complement(132007..132041)], trnA-UGC [complement(132869..132906)], trnI-GAU [complement(132977..133011)], trnI-GAU [complement(133953..133989)], ndhB [139316..140092], ndhB [140761..141516]	[complement(92991..93658)], trnI-GAU [99799..100739], trnA-UGC [100883..101709], ndhA [complement(118201..119227)], trnA-UGC [complement(132042..132868)], trnI-GAU [complement(133012..133952)], ndhB [140093..140760]
1681.	GYPY	73	rps12 [complement(100499..100525)], rps12 [complement(101066..101296)], rps12 [complement(72214..72327)], trnk-UUU [complement(1835..1870)], trnk-UUU [complement(4360..4395)], rps16 [complement(5497..5711)], rps16 [complement(6570..6609)], trnG-UCC [9246..9265], trnG-UCC [9925..9975], atpF [complement(12136..12546)], atpF [complement(13228..13371)], rpoC1 [complement(21437..23047)], rpoC1 [complement(23772..24203)], ycf3 [complement(44659..44811)], ycf3 [complement(45556..45783)], ycf3 [complement(46498..46623)], trnL-UAA [49581..49618], trnL-UAA [50154..50201], trnV-UAC [complement(53807..53843)], trnV-UAC [complement(54445..54483)], rps12 [complement(72214..72327)], rps12 [143182..143412], rps12 [143953..143979], clpP [complement(72491..72718)], clpP [complement(73327..73617)], clpP [complement(74447..74515)], petB [77442..77447], petB [78228..78869], petD [79059..79067], petD [79795..80271], rpl16 [complement(83724..84122)], rpl16 [complement(85150..85158)], rpl2 [complement(86865..87299)], rpl2 [complement(87982..88374)], ndhB [complement(97431..98186)], ndhB [complement(98873..99649)], trnI-GAU [104864..104905], trnI-GAU [105857..105891], trnA-UGC [105964..106001], trnA-UGC [106804..106838], ndhA [complement(122839..123378)], ndhA [complement(124546..125097)], trnA-UGC [complement(137640..137675)], trnA-UGC [complement(138478..138514)], trnI-GAU [complement(138587..138622)], trnI-GAU [complement(139579..139614)], ndhB [144829..145605], ndhB [146292..147047], rpl2 [156104..156496], rpl2 [157179..157613]	trnk-UUU [complement(1871..4359)], rps16 [complement(5712..6569)], trnG-UCC [9266..9924], atpF [complement(12547..13227)], rpoC1 [complement(23048..23771)], ycf3 [complement(44812..45555)], ycf3 [complement(45784..46497)], trnL-UAA [49619..50153], trnV-UAC [complement(53844..54444)], clpP [complement(72719..73326)], clpP [complement(73618..74446)], petB [77448..78227], petD [79068..79794], rpl16 [complement(84123..85149)], rpl2 [complement(87300..87981)], ndhB [complement(98187..98872)], trnI-GAU [104906..105856], trnA-UGC [106002..106803], ndhA [complement(123379..124545)], trnA-UGC [complement(137676..138477)], trnI-GAU [complement(138623..139578)], ndhB [145606..146291], rpl2 [156497..157178]
1682.	GYSY	64	rps12 [complement(92404..92432)], rps12 [complement(92973..93204)],	trnK-UUU [complement(1411..3889)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(69360..69473)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3890..3927)], rps16 [complement(4482..4699)], rps16 [complement(5537..5576)], trnG-UCC [complement(13172..13219)], trnG-UCC [complement(13907..13929)], atpF [34966..35124], atpF [35944..36351], ycf3 [complement(44072..44230)], ycf3 [complement(44963..45190)], ycf3 [complement(45929..46060)], trnL [48801..48835], trnL [49380..49429], trnV-UAC [complement(53040..53076)], trnV-UAC [complement(53673..53711)], rps12 [129681..129912], rps12 [130453..130481], petB [73206..73211], petB [73967..74614], petD [74797..74804], petD [75545..76019], rpl16 [complement(79568..79969)], rpl16 [complement(81049..81057)], rpl2 [complement(83014..83445)], rpl2 [complement(84109..84498)], ndhB [complement(89326..90081)], ndhB [complement(90794..91570)], trnI-GAU [97028..97069], trnI-GAU [98016..98050], trnA-UGC [98116..98153], trnA-UGC [98964..98998], ndhA [complement(114426..114965)], ndhA [complement(115993..116541)], trnA-UGC [complement(123887..123921)], trnA-UGC [complement(124732..124769)], trnI-GAU [complement(124835..124869)], trnI-GAU [complement(125816..125857)], ndhB [131315..132091], ndhB [132804..133559], rpl2 [138387..138776], rpl2 [139440..139871]	[complement(4700..5536)], trnG-UCC [complement(13220..13906)], atpF [35125..35943], ycf3 [complement(44231..44962)], ycf3 [complement(45191..45928)], trnL [48836..49379], trnV-UAC [complement(53077..53672)], petB [73212..73966], petD [74805..75544], rpl16 [complement(79970..81048)], rpl2 [complement(83446..84108)], ndhB [complement(90082..90793)], trnI-GAU [97070..98015], trnA-UGC [98154..98963], ndhA [complement(114966..115992)], trnA-UGC [complement(123922..124731)], trnI-GAU [complement(124870..125815)], ndhB [132092..132803], rpl2 [138777..139439]
1683.	GYV A	66	rps12 [complement(94795..94820)], rps12 [complement(95357..95588)], rps12 [complement(68264..68377)], trnK-UUU [complement(1582..1616)], trnK-UUU [complement(4129..4165)], rps16 [complement(4768..4993)], rps16 [complement(5853..5893)], trnG-UCC [8800..8822], trnG-UCC [9528..9575], atpF [complement(11535..11944)], atpF [complement(12641..12785)], rpoC1 [complement(20368..21978)], rpoC1 [complement(22736..23167)], ycf3 [complement(41977..42129)], ycf3 [complement(42933..43160)], ycf3 [complement(43926..44051)], trnL-UAA [46499..46535], trnL-UAA [47116..47165], trnV-UAC [complement(50294..50328)], trnV-UAC [complement(50936..50974)], rps12 [137163..137394], rps12 [137931..137956], clpP [complement(68510..68737)], clpP [complement(69322..69613)], clpP [complement(70517..70587)], petB [73510..73515], petB [74313..74954], petD [75157..75164], petD	trnK-UUU [complement(1617..4128)], rps16 [complement(4994..5852)], trnG-UCC [8823..9527], atpF [complement(11945..12640)], rpoC1 [complement(21979..22735)], ycf3 [complement(42130..42932)], ycf3 [complement(43161..43925)], trnL-UAA [46536..47115], trnV-UAC [complement(50329..50935)], clpP [complement(68738..69321)], clpP [complement(69614..70516)], petB [73516..74312], petD [75165..75992], rpl16 [complement(80256..81171)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75993..76467], rpl16 [complement(79857..80255)], rpl16 [complement(81172..81180)], ndhB [complement(91742..92497)], ndhB [complement(93172..93948)], trnI-GAU [99190..99226], trnI-GAU [100169..100203], trnA-UGC [100274..100311], trnA-UGC [101116..101150], ndhA [complement(117216..117754)], ndhA [complement(118745..119297)], trnA-UGC [complement(131601..131635)], trnA-UGC [complement(132440..132477)], trnI-GAU [complement(132548..132582)], trnI-GAU [complement(133525..133561)], ndhB [138803..139579], ndhB [140254..141009]	[complement(92498..93171)], trnI-GAU [99227..100168], trnA-UGC [100312..101115], ndhA [complement(117755..118744)], trnA-UGC [complement(131636..132439)], trnI-GAU [complement(132583..133524)], ndhB [139580..140253]
1684.	HAAE	52	rps12 [complement(91506..91531)], rps12 [complement(92065..92296)], rps12 [complement(63796..63909)], trnK-UUU [complement(1638..1672)], trnK-UUU [complement(4173..4209)], rps16 [complement(4571..4781)], rps16 [complement(5665..5705)], trnG-UCC [7554..7576], trnG-UCC [8307..8354], atpF [complement(10184..10593)], atpF [complement(11343..11487)], rpoC1 [complement(19055..20665)], rpoC1 [complement(21449..21880)], ycf3 [complement(40404..40556)], ycf3 [complement(41314..41541)], ycf3 [complement(42314..42439)], trnV-UAC [complement(47674..47708)], trnV-UAC [complement(48297..48334)], clpP [complement(64054..64281)], clpP [complement(64877..65168)], clpP [complement(66068..66138)], petB [69093..69098], petB [69859..70500], petD [70715..70722], petD [71491..71965], rpl16 [complement(75403..75801)], rpl16 [complement(76880..76888)], ndhB [complement(88471..89226)], ndhB [complement(89895..90671)], trnI-GAU [95902..95938], trnI-GAU [96885..96919], trnA-UGC [96990..97027], trnA-UGC [97845..97879], ndhA [complement(112607..113145)], ndhA [complement(114143..114695)]	trnK-UUU [complement(1673..4172)], rps16 [complement(4782..5664)], trnG-UCC [7577..8306], atpF [complement(10594..11342)], rpoC1 [complement(20666..21448)], ycf3 [complement(40557..41313)], ycf3 [complement(41542..42313)], trnV-UAC [complement(47709..48296)], clpP [complement(64282..64876)], clpP [complement(65169..66067)], petB [69099..69858], petD [70723..71490], rpl16 [complement(75802..76879)], ndhB [complement(89227..89894)], trnI-GAU [95939..96884], trnA-UGC [97028..97844], ndhA [complement(113146..114142)]
1685.	HAA M	66	rps12 [complement(96509..96535)], rps12 [complement(97067..97297)], rps12 [complement(69704..69817)], trnK-UUU [complement(1599..1633)], trnK-UUU [complement(4143..4179)], rps16 [complement(4870..5066)], rps16 [complement(5946..5985)], trnG-GCC [8904..8926], trnG-GCC [9647..9704], atpF [complement(11580..11989)], atpF [complement(12773..12917)], rpoC1 [complement(20464..22065)], rpoC1 [complement(22844..23275)], ycf3 [complement(42502..42653)], ycf3 [complement(43464..43692)], ycf3	trnK-UUU [complement(1634..4142)], rps16 [complement(5067..5945)], trnG-GCC [8927..9646], atpF [complement(11990..12772)], rpoC1 [complement(22066..22843)], ycf3 [complement(42654..43463)], ycf3 [complement(43693..44462)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44463..44588)], trnL-UAA [47363..47397], trnL-UAA [47953..48002], trnV-UAC [complement(51633..51667)], trnV-UAC [complement(52268..52306)], rps12 [138488..138718], rps12 [139250..139276], clpP [complement(69953..70180)], clpP [complement(70780..71071)], clpP [complement(72021..72091)], petB [75008..75013], petB [75813..76454], petD [76656..76663], petD [77407..77881], rpl16 [complement(81282..81680)], rpl16 [complement(82592..82600)], ndhB [complement(93499..94254)], ndhB [complement(94928..95704)], trnI-GAU [100678..100719], trnI-GAU [101660..101694], trnA-UGC [101765..101802], trnA-UGC [102632..102673], ndhA [complement(118783..119315)], ndhA [complement(120404..120956)], tRNA-UGC [133112..133146], tRNA-UGC [133985..134020], trnI-GAU [134091..134125], trnI-GAU [135071..135107], ndhB [140081..140857], ndhB [141531..142286]	[47398..47952], trnV-UAC [complement(51668..52267)], clpP [complement(70181..70779)], clpP [complement(71072..72020)], petB [75014..75812], petD [76664..77406], rpl16 [complement(81681..82591)], ndhB [complement(94255..94927)], trnI-GAU [100720..101659], trnA-UGC [101803..102631], ndhA [complement(119316..120403)], tRNA-UGC [133147..133984], trnI-GAU [134126..135070], ndhB [140858..141530]
1686.	HAAS	57	rps12 [117894..118007], rps12 [91041..91272], rps12 [91819..91844], trnK-UUU [complement(1787..1821)], trnK-UUU [complement(4345..4381)], trnG-UCC [9239..9261], trnG-UCC [9963..10010], atpF [complement(11952..12361)], atpF [complement(13111..13255)], rpl2 [15225..15594], rpl2 [16262..16692], rpl16 [18461..18469], rpl16 [19508..19927], petD [complement(24405..24882)], petD [complement(25567..25574)], petB [complement(25766..26410)], petB [complement(27208..27213)], trnL-UAA [complement(40386..40434)], trnL-UAA [complement(40941..40975)], trnV-UAC [complement(59618..59652)], trnV-UAC [complement(60236..60273)], ycf3 [74629..74752], ycf3 [75548..75777], ycf3 [76504..76656], rpoC1 [81083..81535], rpoC1 [82290..83906], rps12 [complement(154236..154349)], trnI-GAU [107611..107653], trnI-GAU [108579..108613], trnA-UGC [108686..108723], trnA-UGC [109539..109573], ndhA [127822..128374], ndhA [129397..129395], ndhA [complement(142308..142846)], ndhA [complement(143869..144421)], trnA-UGC [complement(162670..162704)], trnA-UGC [complement(163520..163557)], trnI-GAU [complement(163630..163664)], trnI-GAU [complement(164590..164632)]	trnK-UUU [complement(1822..4344)], trnG-UCC [9262..9962], atpF [complement(12362..13110)], rpl2 [15595..16261], rpl16 [18470..19507], petD [complement(24883..25566)], petB [complement(26411..27207)], trnL-UAA [complement(40435..40940)], trnV-UAC [complement(59653..60235)], ycf3 [74753..75547], ycf3 [75778..76503], rpoC1 [81536..82289], trnI-GAU [107654..108578], trnA-UGC [108724..109538], ndhA [128375..129396], ndhA [complement(142847..143868)], trnA-UGC [complement(162705..163519)], trnI-GAU [complement(163665..164589)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1687.	HABR	67	rps12 [complement(101828..102070)], rps12 [complement(72407..72544)], trnK-UUU [complement(1731..1759)], trnK-UUU [complement(4303..4339)], rps16 [complement(5448..5677)], rps16 [complement(6558..6597)], trnG-GCC [9252..9274], trnG-GCC [9963..10011], atpF [complement(12321..12727)], atpF [complement(13444..13588)], rpoC1 [complement(21887..23503)], rpoC1 [complement(24300..24731)], ycf3 [complement(45016..45168)], ycf3 [complement(45945..46172)], ycf3 [complement(46887..47012)], trnL-UAA [50059..50095], trnL-UAA [50620..50669], trnV-UAC [complement(54199..54235)], trnV-UAC [complement(54841..54879)], rps12 [143124..143366], clpP [complement(72710..72937)], clpP [complement(73556..73846)], clpP [complement(74597..74665)], petB [77629..77634], petB [78442..79083], petD [79282..79289], petD [80006..80480], rpl16 [complement(84323..84724)], rpl16 [complement(85819..85827)], rpl2 [complement(87644..88078)], rpl2 [complement(88761..89153)], ndhB [complement(98219..98974)], ndhB [complement(99660..100436)], trnI-GAU [106038..106079], trnI-GAU [107028..107062], ndhA [complement(122776..123315)], ndhA [complement(124515..125066)], trnA-UGC [complement(137193..137227)], trnA-UGC [complement(138030..138067)], trnI-GAU [complement(138132..138166)], trnI-GAU [complement(139115..139156)], ndhB [144758..145534], ndhB [146220..146975], rpl2 [156041..156433], rpl2 [157116..157550]	trnK-UUU [complement(1760..4302)], rps16 [complement(5678..6557)], trnG-GCC [9275..9962], atpF [complement(12728..13443)], rpoC1 [complement(23504..24299)], ycf3 [complement(45169..45944)], ycf3 [complement(46173..46886)], trnL-UAA [50096..50619], trnV-UAC [complement(54236..54840)], clpP [complement(72938..73555)], clpP [complement(73847..74596)], petB [77635..78441], petD [79290..80005], rpl16 [complement(84725..85818)], rpl2 [complement(88079..88760)], ndhB [complement(98975..99659)], trnI-GAU [106080..107027], ndhA [complement(123316..124514)], trnA-UGC [complement(137228..138029)], trnI-GAU [complement(138167..139114)], ndhB [145535..146219], rpl2 [156434..157115]
1688.	HACA	73	rps12 [complement(101732..101757)], rps12 [complement(102294..102525)], rps12 [complement(73738..73851)], trnK-UUU [complement(1762..1796)], trnK-UUU [complement(4302..4338)], rps16 [complement(5201..5425)], rps16 [complement(6282..6320)], trnG-GCC [10089..10111], trnG-GCC [10818..10865], atpF [complement(12868..13276)], atpF [complement(13992..14149)], rpoC1 [complement(21917..23543)], rpoC1 [complement(24271..24704)], ycf3 [complement(44820..44972)], ycf3 [complement(45726..45953)], ycf3 [complement(46673..46798)], trnL-UAA [49995..50031], trnL-UAA [50539..50588], trnV-UAC [complement(54593..54629)], trnV-UAC [complement(55223..55261)], rps12	trnK-UUU [complement(1797..4301)], rps16 [complement(5426..6281)], trnG-GCC [10112..10817], atpF [complement(13277..13991)], rpoC1 [complement(23544..24270)], ycf3 [complement(44973..45725)], ycf3 [complement(45954..46672)], trnL-UAA [50032..50538], trnV-UAC [complement(54630..55222)], clpP [complement(74219..74865)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73738..73851)], rps12 [144752..144983], rps12 [145520..145545], clpP [complement(73991..74218)], clpP [complement(74866..75156)], clpP [complement(75976..76044)], petB [78973..78978], petB [79719..80375], petD [80569..80577], petD [81307..81831], rpl16 [complement(85278..85679)], rpl16 [complement(86741..86749)], rpl2 [complement(88323..88757)], rpl2 [complement(89419..89811)], ndhB [complement(98674..99429)], ndhB [complement(100109..100885)], trnI-GAU [106469..106510], trnI-GAU [107452..107486], trnA-UGC [107551..107588], trnA-UGC [108396..108430], ndhA [complement(124214..124752)], ndhA [complement(125860..126412)], trnA-UGC [complement(138847..138881)], trnA-UGC [complement(139689..139726)], trnI-GAU [complement(139791..139825)], trnI-GAU [complement(140767..140808)], ndhB [146392..147168], ndhB [147848..148603], rpl2 [157466..157858], rpl2 [158520..158954]	[complement(75157..75975)], petB [78979..79718], petD [80578..81306], rpl16 [complement(85680..86740)], rpl2 [complement(88758..89418)], ndhB [complement(99430..100108)], trnI-GAU [106511..107451], trnA-UGC [107589..108395], ndhA [complement(124753..125859)], trnA-UGC [complement(138882..139688)], trnI-GAU [complement(139826..140766)], ndhB [147169..147847], rpl2 [157859..158519]
1689.	HACO	2	rps12 [139587..139612], petD [76843..77317]	-
1690.	HADI	49	rps12 [complement(101630..101655)], rps12 [complement(102192..102423)], rps12 [complement(73676..73789)], rps16 [complement(5239..5463)], rps16 [complement(6322..6360)], atpF [complement(12839..13246)], atpF [complement(13958..14116)], rpoC1 [complement(21887..23512)], rpoC1 [complement(24248..24682)], ycf3 [complement(44827..44979)], ycf3 [complement(45733..45960)], ycf3 [complement(46681..46806)], rps12 [complement(73676..73789)], rps12 [144592..144823], rps12 [145360..145385], clpP [complement(73929..74156)], clpP [complement(74793..75083)], clpP [complement(75896..75964)], petB [78889..78894], petB [79635..80291], petD [80485..80493], petD [81217..81741], rpl16 [complement(85185..85586)], rpl16 [complement(86648..86656)], rpl2 [complement(88230..88664)], rpl2 [complement(89326..89718)], ndhB [complement(98581..99336)], ndhB [complement(100016..100792)], ndhA [complement(124062..124601)], ndhA [complement(125700..126251)], ndhB [146223..146999], ndhB [147679..148434], rpl2 [157297..157689], rpl2 [158351..158785]	rps16 [complement(5464..6321)], atpF [complement(13247..13957)], rpoC1 [complement(23513..24247)], ycf3 [complement(44980..45732)], ycf3 [complement(45961..46680)], clpP [complement(74157..74792)], clpP [complement(75084..75895)], petB [78895..79634], petD [80494..81216], rpl16 [complement(85587..86647)], rpl2 [complement(88665..89325)], ndhB [complement(99337..100015)], ndhA [complement(124602..125699)], ndhB [147000..147678], rpl2 [157690..158350]
1691.	HAFO	73	rps12 [complement(101942..101967)], rps12 [complement(102504..102735)],	trnK-UUU [complement(3924..6454)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(74346..74459)], trnK-UUU [complement(3889..3923)], trnK-UUU [complement(6455..6491)], rps16 [complement(7145..7341)], rps16 [complement(8215..8254)], trnG-GCC [11672..11694], trnG-GCC [12400..12440], atpF [complement(14435..14835)], atpF [complement(15552..15696)], rpoC1 [complement(23859..25463)], rpoC1 [complement(26247..26699)], ycf3 [complement(46523..46675)], ycf3 [complement(47442..47671)], ycf3 [complement(48393..48516)], trnL-UAA [51522..51556], trnL-UAA [52058..52107], trnV-UAC [complement(55837..55871)], trnV-UAC [complement(56445..56483)], rps12 [complement(74346..74459)], rps12 [145634..145865], rps12 [146402..146427], clpP [complement(74613..74830)], clpP [complement(75458..75855)], clpP [complement(76593..76669)], petB [79634..79640], petB [80413..81053], petD [81239..81247], petD [82012..82485], rpl16 [complement(86010..86408)], rpl16 [complement(87362..87370)], rpl2 [complement(89092..89525)], rpl2 [complement(90177..90567)], ndhB [complement(98900..99655)], ndhB [complement(100344..101120)], trnI-GAU [106667..106703], trnI-GAU [107654..107688], trnA-UGC [107753..107790], trnA-UGC [108605..108639], ndhA [complement(125261..125799)], ndhA [complement(126884..127436)], trnA-UGC [complement(139730..139764)], trnA-UGC [complement(140579..140616)], trnI-GAU [complement(140681..140715)], trnI-GAU [complement(141666..141702)], ndhB [147249..148025], ndhB [148714..149469], rpl2 [157837..158227], rpl2 [158866..159278]</p>	<p>[complement(7342..8214)], trnG-GCC [11695..12399], atpF [complement(14836..15551)], rpoC1 [complement(25464..26246)], ycf3 [complement(46676..47441)], ycf3 [complement(47672..48392)], trnL-UAA [51557..52057], trnV-UAC [complement(55872..56444)], clpP [complement(74831..75457)], clpP [complement(75856..76592)], petB [79641..80412], petD [81248..82011], rpl16 [complement(86409..87361)], rpl2 [complement(89526..90176)], ndhB [complement(99656..100343)], trnI-GAU [106704..107653], trnA-UGC [107791..108604], ndhA [complement(125800..126883)], trnA-UGC [complement(139765..140578)], trnI-GAU [complement(140716..141665)], ndhB [148026..148713], rpl2 [158228..158865]</p>
1692.	HAFR	73	<p>rps12 [complement(101703..101728)], rps12 [complement(102265..102496)], rps12 [complement(74120..74233)], trnK-UUU [complement(3926..3960)], trnK-UUU [complement(6492..6528)], rps16 [complement(7130..7326)], rps16 [complement(8199..8238)], trnG-GCC [11643..11665], trnG-GCC [12371..12411], atpF [complement(14383..14783)], atpF [complement(15500..15644)], rpoC1 [complement(23760..25364)], rpoC1 [complement(26134..26586)], ycf3 [complement(46297..46449)], ycf3 [complement(47216..47445)], ycf3 [complement(48166..48289)], trnL-UAA [51341..51375], trnL-UAA [51877..51926], trnV-UAC</p>	<p>trnK-UUU [complement(3961..6491)], rps16 [complement(7327..8198)], trnG-GCC [11666..12370], atpF [complement(14784..15499)], rpoC1 [complement(25365..26133)], ycf3 [complement(46450..47215)], ycf3 [complement(47446..48165)], trnL-UAA [51376..51876], trnV-UAC [complement(55705..56277)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(55670..55704)], trnV-UAC [complement(56278..56316)], rps12 [complement(74120..74233)], rps12 [145471..145702], rps12 [146239..146264], clpP [complement(74387..74617)], clpP [complement(75237..75528)], clpP [complement(76363..76433)], petB [79402..79408], petB [80159..80799], petD [80985..80993], petD [81758..82231], rpl16 [complement(85786..86184)], rpl16 [complement(87137..87145)], rpl2 [complement(88854..89287)], rpl2 [complement(89939..90329)], ndhB [complement(98662..99417)], ndhB [complement(100105..100881)], trnI-GAU [106435..106471], trnI-GAU [107421..107455], trnA-UGC [107520..107557], trnA-UGC [108374..108408], ndhA [complement(125096..125634)], ndhA [complement(126723..127275)], trnA-UGC [complement(139558..139592)], trnA-UGC [complement(140410..140447)], trnI-GAU [complement(140512..140546)], trnI-GAU [complement(141496..141532)], ndhB [147086..147862], ndhB [148550..149305], rpl2 [157651..158051], rpl2 [158988..159183]</p>	<p>[complement(74618..75236)], clpP [complement(75529..76362)], petB [79409..80158], petD [80994..81757], rpl16 [complement(86185..87136)], rpl2 [complement(89288..89938)], ndhB [complement(99418..100104)], trnI-GAU [106472..107420], trnA-UGC [107558..108373], ndhA [complement(125635..126722)], trnA-UGC [complement(139593..140409)], trnI-GAU [complement(140547..141495)], ndhB [147863..148549], rpl2 [158052..158987]</p>
1693.	HAH A	72	<p>rps12 [complement(94991..95016)], rps12 [complement(95553..95784)], rps12 [complement(67684..67797)], trnK-UUU [complement(1698..1732)], trnK-UUU [complement(4241..4277)], rps16 [complement(4921..5147)], rps16 [complement(6022..6061)], trnG-UCC [8872..8894], trnG-UCC [9584..9631], atpF [complement(11571..11981)], atpF [complement(12637..12780)], rpoC1 [complement(20626..22260)], rpoC1 [complement(23028..23462)], ycf3 [complement(41641..41793)], ycf3 [complement(42518..42747)], ycf3 [complement(43459..43582)], trnL-UAA [45902..45938], trnL-UAA [46426..46475], trnV-UAC [complement(50117..50153)], trnV-UAC [complement(50732..50769)], rps12 [136098..136329], rps12 [136866..136891], clpP [complement(67923..68150)], clpP [complement(68766..69057)], clpP [complement(69715..69785)], petB [72699..72704], petB [73422..74072], petD [74267..74274], petD [75002..75476], rpl16 [complement(78898..79290)], rpl16 [complement(80191..80199)], rpl2 [complement(81846..82279)], rpl2 [complement(82937..83327)], ndhB [complement(91989..92744)], ndhB [complement(93424..94200)], trnI-GAU [99321..99357], trnI-GAU</p>	<p>trnK-UUU [complement(1733..4240)], rps16 [complement(5148..6021)], trnG-UCC [8895..9583], atpF [complement(11982..12636)], rpoC1 [complement(22261..23027)], ycf3 [complement(41794..42517)], ycf3 [complement(42748..43458)], trnL-UAA [45939..46425], trnV-UAC [complement(50154..50731)], clpP [complement(68151..68765)], clpP [complement(69058..69714)], petB [72705..73421], petD [74275..75001], rpl16 [complement(79291..80190)], rpl2 [complement(82280..82936)], ndhB [complement(92745..93423)], trnI-GAU [99358..100294], trnA-UGC [100432..101237], ndhA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[100295..100329], trnA-UGC [100394..100431], trnA-UGC [101238..101272], ndhA [complement(116182..116720)], ndhA [complement(117740..118292)], trnA-UGC [complement(130610..130644)], trnA-UGC [complement(131451..131488)], trnI-GAU [complement(131553..131587)], trnI-GAU [complement(132525..132561)], ndhB [137682..138458], ndhB [139138..139893], rpl2 [148555..148945], rpl2 [149603..150036]	[complement(116721..117739)], trnA-UGC [complement(130645..131450)], trnI-GAU [complement(131588..132524)], ndhB [138459..139137], rpl2 [148946..149602]
1694.	HALA	34	rps12 [complement(100994..101019)], rps12 [complement(101556..101787)], rps12 [complement(72912..73025)], trnL-UAA [50199..50235], trnL-UAA [50749..50798], trnV-UAC [complement(54015..54051)], trnV-UAC [complement(54638..54676)], rps12 [complement(72912..73025)], rps12 [144175..144406], rps12 [144943..144968], trnI-GAU [105724..105765], trnI-GAU [106707..106741]	trnK-UUU [complement(1768..4299)], rps16 [complement(5367..6227)], atpF [complement(13156..13859)], rpoC1 [complement(23630..24373)], ycf3 [complement(45173..45904)], ycf3 [complement(46133..46854)], trnL-UAA [50236..50748], trnV-UAC [complement(54052..54637)], clpP [complement(73463..74062)], clpP [complement(74354..75174)], petB [78178..78950], petD [79805..80438], rpl16 [complement(84887..85927)], rpl2 [complement(88023..88689)], ndhB [complement(98692..99370)], trnI-GAU [105766..106706], trnA-UGC [106844..107650], ndhA [complement(124208..125309)], trnA-UGC [complement(138312..139118)], trnI-GAU [complement(139256..140196)], ndhB [146592..147270], rpl2 [157270..157939]
1695.	HAM A	61	rps12 [complement(88325..88353)], rps12 [complement(88894..89125)], rps12 [complement(69634..69747)], trnK-UUU [complement(1392..1424)], trnK-UUU [complement(3902..3939)], rps16 [complement(4524..4741)], rps16 [complement(5595..5634)], trnG-UCC [complement(13479..13526)], trnG-UCC [complement(14208..14230)], atpF [35276..35434], atpF [36254..36661], ycf3 [complement(44378..44536)], ycf3 [complement(45270..45497)], ycf3	trnK-UUU [complement(1425..3901)], rps16 [complement(4742..5594)], trnG-UCC [complement(13527..14207)], atpF [35435..36253], ycf3 [complement(44537..45269)], ycf3 [complement(45498..46244)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(46245..46370)], trnL [49069..49103], trnL [49519..49568], trnV-UAC [complement(53170..53216)], trnV-UAC [complement(53803..53841)], rps12 [125814..126045], rps12 [126586..126614], petB [73476..73481], petB [74229..74876], petD [75059..75066], petD [75807..76281], rpl2 [complement(81565..81996)], rpl2 [complement(82657..83049)], ndhB [complement(85260..86016)], ndhB [complement(86721..87496)], trnI-GAU [92943..92984], trnI-GAU [93921..93955], trnA-UGC [94021..94058], trnA-UGC [94869..94903], ndhA [complement(110554..111093)], ndhA [complement(112121..112669)], trnA-UGC [complement(120036..120070)], trnA-UGC [complement(120881..120918)], trnI-GAU [complement(120984..121018)], trnI-GAU [complement(121955..121996)], ndhB [127443..128219], ndhB [128924..129679], rpl2 [131890..132282], rpl2 [132943..133374]	[49104..49518], trnV-UAC [complement(53217..53802)], petB [73482..74228], petD [75067..75806], rpl2 [complement(81997..82656)], ndhB [complement(86017..86720)], trnI-GAU [92985..93920], trnA-UGC [94059..94868], ndhA [complement(111094..112120)], trnA-UGC [complement(120071..120880)], trnI-GAU [complement(121019..121954)], ndhB [128220..128923], rpl2 [132283..132942]
1696.	HAM L	73	rps12 [complement(104232..104257)], rps12 [complement(104803..105031)], rps12 [complement(75308..75421)], trnK-UUU [complement(1409..1443)], trnK-UUU [complement(4093..4129)], rps16 [complement(4980..5191)], rps16 [complement(6116..6155)], trnG-UCC [10637..10659], trnG-UCC [11354..11401], atpF [complement(13316..13726)], atpF [complement(14517..14660)], rpoC1 [complement(22573..24198)], rpoC1 [complement(24915..25343)], ycf3 [complement(46019..46179)], ycf3 [complement(46965..47190)], ycf3 [complement(47914..48039)], trnL-UAA [51147..51183], trnL-UAA [51739..51788], trnV-UAC [complement(56185..56221)], trnV-UAC [complement(56807..56845)], rps12 [complement(75308..75421)], rps12 [148123..148351], rps12 [148897..148922], clpP [complement(75570..75824)], clpP [complement(76510..76801)], clpP [complement(77703..77773)], petB [80740..80745], petB [81540..82187], petD [82392..82399], petD [83163..83637], rpl16 [complement(87173..87571)], rpl16 [complement(88567..88575)], rpl2 [complement(90553..90984)], rpl2 [complement(91650..92033)], ndhB [complement(101165..101920)], ndhB [complement(102625..103401)], trnI-GAU [109096..109137], trnI-GAU [110078..110112], trnA-UGC [110176..110213], trnA-UGC [111029..111063],	trnK-UUU [complement(1444..4092)], rps16 [complement(5192..6115)], trnG-UCC [10660..11353], atpF [complement(13727..14516)], rpoC1 [complement(24199..24914)], ycf3 [complement(46180..46964)], ycf3 [complement(47191..47913)], trnL-UAA [51184..51738], trnV-UAC [complement(56222..56806)], clpP [complement(75825..76509)], clpP [complement(76802..77702)], petB [80746..81539], petD [82400..83162], rpl16 [complement(87572..88566)], rpl2 [complement(90985..91649)], ndhB [complement(101921..102624)], trnI-GAU [109138..110077], trnA-UGC [110214..111028], ndhA [complement(127927..129007)], trnA-UGC [complement(142126..142940)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(127388..127926)], ndhA [complement(129008..129560)], trnA-UGC [complement(142091..142125)], trnA-UGC [complement(142941..142978)], trnI-GAU [complement(143042..143076)], trnI-GAU [complement(144017..144058)], ndhB [149753..150529], ndhB [151234..151989], rpl2 [161121..161504], rpl2 [162170..162601]	[complement(143077..144016)], ndhB [150530..151233], rpl2 [161505..162169]
1697.	HAM O	73	rps12 [complement(102052..102078)], rps12 [complement(102615..102845)], rps12 [complement(73718..73831)], trnK-UUU [complement(1780..1814)], trnK-UUU [complement(4267..4303)], rps16 [complement(5183..5409)], rps16 [complement(6262..6301)], trnG-GCC [10190..10213], trnG-GCC [10909..10956], atpF [complement(12928..13338)], atpF [complement(14073..14216)], rpoC1 [complement(22253..23877)], rpoC1 [complement(24615..25047)], ycf3 [complement(45883..46034)], ycf3 [complement(46781..47009)], ycf3 [complement(47743..47868)], trnL-UAA [50551..50587], trnL-UAA [51099..51148], trnV-UAC [complement(55169..55205)], trnV-UAC [complement(55779..55817)], rps12 [complement(73718..73831)], rps12 [145188..145418], rps12 [145956..145985], clpP [complement(73990..74217)], clpP [complement(74862..75153)], clpP [complement(75968..76038)], petB [78903..78908], petB [79701..80342], petD [80536..80543], petD [81222..81708], rpl16 [complement(85159..85557)], rpl16 [complement(86567..86575)], rpl2 [complement(88370..88804)], rpl2 [complement(89461..89850)], ndhB [complement(99002..99757)], ndhB [complement(100440..101216)], trnI-GAU [106776..106817], trnI-GAU [107754..107788], trnA-UGC [107853..107890], trnA-UGC [108733..108767], ndhA [complement(124769..125308)], ndhA [complement(126392..126943)], trnA-UGC [complement(139266..139300)], trnA-UGC [complement(140143..140180)], trnI-GAU [complement(140245..140279)], trnI-GAU [complement(141216..141257)], ndhB [146817..147593], ndhB [148276..149031], rpl2 [158183..158573], rpl2 [159230..159663]	trnK-UUU [complement(1815..4266)], rps16 [complement(5410..6261)], trnG-GCC [10214..10908], atpF [complement(13339..14072)], rpoC1 [complement(23878..24614)], ycf3 [complement(46035..46780)], ycf3 [complement(47010..47742)], trnL-UAA [50588..51098], trnV-UAC [complement(55206..55778)], clpP [complement(74218..74861)], clpP [complement(75154..75967)], petB [78909..79700], petD [80544..81221], rpl16 [complement(85558..86566)], rpl2 [complement(88805..89460)], ndhB [complement(99758..100439)], trnI-GAU [106818..107753], trnA-UGC [107891..108732], ndhA [complement(125309..126391)], trnA-UGC [complement(139301..140142)], trnI-GAU [complement(140280..141215)], ndhB [147594..148275], rpl2 [158574..159229]
1698.	HAM U	64	rps12 [complement(89607..89635)], rps12 [complement(90176..90407)], rps12 [complement(68033..68146)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3907..3944)], rps16 [complement(4491..4708)], rps16	trnK-UUU [complement(1421..3906)], rps16 [complement(4709..5548)], trnG-UCC [complement(13146..13828)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5549..5588)], trnG-UCC [complement(13098..13145)], trnG-UCC [complement(13829..13851)], atpF [33645..33803], atpF [34645..35052], ycf3 [complement(42858..43016)], ycf3 [complement(43738..43965)], ycf3 [complement(44712..44837)], trnL-UAA [47539..47573], trnL-UAA [48123..48172], trnV-UAC [complement(51740..51786)], trnV-UAC [complement(52380..52418)], rps12 [126535..126766], rps12 [127307..127335], petB [71864..71869], petB [72643..73290], petD [73490..73497], petD [74238..74712], rpl16 [complement(78263..78664)], rpl16 [complement(79741..79749)], rpl2 [complement(81695..82126)], rpl2 [complement(82787..83179)], ndhB [complement(86534..87290)], ndhB [complement(88003..88778)], trnI-GAU [94241..94282], trnI-GAU [94993..95027], trnA-UGC [95093..95130], trnA-UGC [95941..95975], ndhA [complement(111507..112046)], ndhA [complement(113068..113616)], trnA-UGC [complement(120967..121001)], trnA-UGC [complement(121812..121849)], trnI-GAU [complement(121915..121949)], trnI-GAU [complement(122660..122701)], ndhB [128164..128939], ndhB [129652..130408], rpl2 [133763..134155], rpl2 [134816..135247]	[33804..34644], ycf3 [complement(43017..43737)], ycf3 [complement(43966..44711)], trnL-UAA [47574..48122], trnV-UAC [complement(51787..52379)], petB [71870..72642], petD [73498..74237], rpl16 [complement(78665..79740)], rpl2 [complement(82127..82786)], ndhB [complement(87291..88002)], trnI-GAU [94283..94992], trnA-UGC [95131..95940], ndhA [complement(112047..113067)], trnA-UGC [complement(121002..121811)], trnI-GAU [complement(121950..122659)], ndhB [128940..129651], rpl2 [134156..134815]
1699.	HAO V	73	rps12 [complement(100133..100158)], rps12 [complement(100695..100926)], rps12 [complement(72538..72651)], trnK-UUU [complement(2517..2551)], trnK-UUU [complement(5083..5119)], rps16 [complement(5660..5856)], rps16 [complement(6730..6769)], trnG-GCC [10287..10309], trnG-GCC [11015..11055], atpF [complement(13023..13423)], atpF [complement(14140..14284)], rpoC1 [complement(22601..24205)], rpoC1 [complement(24985..25437)], ycf3 [complement(44954..45106)], ycf3 [complement(45873..46102)], ycf3 [complement(46824..46947)], trnL-UAA [49964..49998], trnL-UAA [50500..50549], trnV-UAC [complement(54214..54248)], trnV-UAC [complement(54822..54860)], rps12 [complement(72538..72651)], rps12 [143686..143917], rps12 [144454..144479], clpP [complement(72805..73035)], clpP [complement(73660..73951)], clpP [complement(74786..74856)], petB [77826..77831], petB [78604..79245], petD [79431..79438], petD [80203..80677], rpl16 [complement(84201..84599)], rpl16	trnK-UUU [complement(2552..5082)], rps16 [complement(5857..6729)], trnG-GCC [10310..11014], atpF [complement(13424..14139)], rpoC1 [complement(24206..24984)], ycf3 [complement(45107..45872)], ycf3 [complement(46103..46823)], trnL-UAA [49999..50499], trnV-UAC [complement(54249..54821)], clpP [complement(73036..73659)], clpP [complement(73952..74785)], petB [77832..78603], petD [79439..80202], rpl16 [complement(84600..85553)], rpl2 [complement(87716..88366)], ndhB [complement(97846..98533)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85554..85562)], rpl2 [complement(87282..87715)], rpl2 [complement(88367..88757)], ndhB [complement(97090..97845)], ndhB [complement(98534..99310)], trnI-GAU [104859..104895], trnI-GAU [105866..105900], trnA-UGC [105965..106002], trnA-UGC [106818..106852], ndhA [complement(123301..123839)], ndhA [complement(124926..125478)], trnA-UGC [complement(137729..137763)], trnA-UGC [complement(138630..138667)], trnI-GAU [complement(138732..138766)], trnI-GAU [complement(139717..139753)], ndhB [145302..146078], ndhB [146767..147522], rpl2 [155842..156231], rpl2 [157179..157292]	[104896..105865], trnA-UGC [106003..106817], ndhA [complement(123840..124925)], trnA-UGC [complement(137764..138629)], trnI-GAU [complement(138767..139716)], ndhB [146079..146766], rpl2 [156232..157178]
1700.	HAPA	72	rps12 [complement(97899..97924)], rps12 [complement(98467..98698)], rps12 [complement(68525..68638)], trnK-UUU [complement(1312..1337)], trnK-UUU [complement(4145..4181)], rps16 [complement(4825..5040)], rps16 [complement(5960..5995)], trnG-GCC [8404..8426], trnG-GCC [9104..9152], atpF [complement(11090..11467)], atpF [complement(12317..12484)], rpoC1 [complement(19905..21521)], rpoC1 [complement(22263..22697)], ycf3 [complement(41522..41674)], ycf3 [complement(42441..42668)], ycf3 [complement(43397..43522)], trnL-UAA [46060..46094], trnL-UAA [46740..46789], trnV-UAC [complement(50542..50578)], trnV-UAC [complement(51179..51217)], rps12 [138895..139126], rps12 [139669..139694], clpP [complement(68790..69041)], clpP [complement(69704..69994)], clpP [complement(70994..71062)], petB [74884..74889], petB [75122..75778], petD [75962..75969], petD [76773..77247], rpl16 [complement(80821..81219)], rpl16 [complement(82402..82410)], rpl2 [complement(84420..84848)], rpl2 [complement(85510..85896)], ndhB [complement(94818..95573)], ndhB [complement(96273..97049)], trnI-GAU [102367..102408], trnI-GAU [103341..103375], trnA-UGC [103440..103477], trnA-UGC [104288..104322], ndhA [complement(119002..119541)], ndhA [complement(120664..121215)], trnA-UGC [complement(133271..133305)], trnA-UGC [complement(134116..134153)], trnI-GAU [complement(134218..134252)], trnI-GAU [complement(135185..135226)], ndhB [140544..141320], ndhB [142020..142775], rpl2 [151697..152083], rpl2 [152745..153173]	trnK-UUU [complement(1338..4144)], rps16 [complement(5041..5959)], trnG-GCC [8427..9103], atpF [complement(11468..12316)], rpoC1 [complement(21522..22262)], ycf3 [complement(41675..42440)], ycf3 [complement(42669..43396)], trnL-UAA [46095..46739], trnV-UAC [complement(50579..51178)], clpP [complement(69042..69703)], clpP [complement(69995..70993)], petB [74890..75121], petD [75970..76772], rpl16 [complement(81220..82401)], rpl2 [complement(84849..85509)], ndhB [complement(95574..96272)], trnI-GAU [102409..103340], trnA-UGC [103478..104287], ndhA [complement(119542..120663)], trnA-UGC [complement(133306..134115)], trnI-GAU [complement(134253..135184)], ndhB [141321..142019], rpl2 [152084..152744]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1701.	HAPE	66	rps12 [complement(96512..96538)], rps12 [complement(97070..97300)], rps12 [complement(69702..69815)], trnK-UUU [complement(1599..1633)], trnK-UUU [complement(4143..4179)], rps16 [complement(4868..5064)], rps16 [complement(5944..5983)], trnG-UCC [8904..8926], trnG-UCC [9647..9704], atpF [complement(11580..11989)], atpF [complement(12774..12918)], rpoC1 [complement(20460..22061)], rpoC1 [complement(22840..23271)], ycf3 [complement(42499..42650)], ycf3 [complement(43461..43689)], ycf3 [complement(44460..44585)], trnL-UAA [47360..47394], trnL-UAA [47951..48000], trnV-UAC [complement(51632..51666)], trnV-UAC [complement(52267..52305)], rps12 [138504..138733], rps12 [139265..139292], clpP [complement(69951..70178)], clpP [complement(70778..71069)], clpP [complement(72019..72089)], petB [75011..75016], petB [75816..76457], petD [76659..76666], petD [77410..77884], rpl16 [complement(81285..81683)], rpl16 [complement(82595..82603)], ndhB [complement(93502..94257)], ndhB [complement(94931..95707)], trnI-GAU [100681..100722], trnI-GAU [101663..101697], trnA-UGC [101768..101805], trnA-UGC [102642..102676], ndhA [complement(118793..119326)], ndhA [complement(120415..120966)], trnA-UGC [133128..133162], trnA-UGC [133999..134036], trnI-GAU [134107..134141], trnI-GAU [135082..135123], ndhB [140097..140873], ndhB [141547..142302]	trnK-UUU [complement(1634..4142)], rps16 [complement(5065..5943)], trnG-UCC [8927..9646], atpF [complement(11990..12773)], rpoC1 [complement(22062..22839)], ycf3 [complement(42651..43460)], ycf3 [complement(43690..44459)], trnL-UAA [47395..47950], trnV-UAC [complement(51667..52266)], clpP [complement(70179..70777)], clpP [complement(71070..72018)], petB [75017..75815], petD [76667..77409], rpl16 [complement(81684..82594)], ndhB [complement(94258..94930)], trnI-GAU [100723..101662], trnA-UGC [101806..102641], ndhA [complement(119327..120414)], trnA-UGC [133163..133998], trnI-GAU [134142..135081], ndhB [140874..141546]
1702.	HARA	72	rps12 [complement(99127..99152)], rps12 [complement(99695..99926)], rps12 [complement(69491..69604)], trnK-UUU [complement(1348..1382)], trnK-UUU [complement(4262..4298)], rps16 [complement(4921..5132)], rps16 [complement(6093..6132)], trnG-GCC [8561..8583], trnG-GCC [9259..9307], atpF [complement(11245..11622)], atpF [complement(12480..12647)], rpoC1 [complement(20045..21661)], rpoC1 [complement(22411..22845)], ycf3 [complement(41975..42124)], ycf3 [complement(42897..43126)], ycf3 [complement(43847..43970)], trnL-UAA [47003..47037], trnL-UAA [47689..47738], trnV-UAC [complement(51411..51447)], trnV-UAC [complement(52040..52078)], rps12 [140261..140492], rps12 [141035..141060], clpP [complement(69746..69997)], clpP	trnK-UUU [complement(1383..4261)], rps16 [complement(5133..6092)], trnG-GCC [8584..9258], atpF [complement(11623..12479)], rpoC1 [complement(21662..22410)], ycf3 [complement(42125..42896)], ycf3 [complement(43127..43846)], trnL-UAA [47038..47688], trnV-UAC [complement(51448..52039)], clpP [complement(69998..70668)], clpP [complement(70961..71947)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(70669..70960)], clpP [complement(71948..72018)], petB [75492..75497], petB [76240..76881], petD [77067..77074], petD [77896..78370], rpl16 [complement(81940..82338)], rpl16 [complement(83583..83591)], rpl2 [complement(85643..86073)], rpl2 [complement(86738..87122)], ndhB [complement(96039..96794)], ndhB [complement(97502..98278)], trnI-GAU [103506..103547], trnI-GAU [104480..104514], trnA-UGC [104579..104616], trnA-UGC [105419..105453], ndhA [complement(120483..121022)], ndhA [complement(122100..122651)], trnA-UGC [complement(134734..134768)], trnA-UGC [complement(135571..135608)], trnI-GAU [complement(135673..135707)], trnI-GAU [complement(136640..136681)], ndhB [141909..142685], ndhB [143393..144148], rpl2 [153065..153449], rpl2 [154114..154544]	[75498..76239], petD [77075..77895], rpl16 [complement(82339..83582)], rpl2 [complement(86074..86737)], ndhB [complement(96795..97501)], trnI-GAU [103548..104479], trnA-UGC [104617..105418], ndhA [complement(121023..122099)], trnA-UGC [complement(134769..135570)], trnI-GAU [complement(135708..136639)], ndhB [142686..143392], rpl2 [153450..154113]
1703.	HARH	19	-	trnK [complement(1604..4129)], rps16 [complement(5195..6107)], atpF [complement(12117..12771)], rpoC1 [complement(22460..23239)], ycf3 [complement(42944..43656)], ycf3 [complement(43885..44586)], trnL [47661..48134], trnV [complement(51607..52187)], clpP [complement(70533..71173)], clpP [complement(71465..72271)], rpl2 [complement(84970..85637)], ndhB [complement(95565..96243)], trnI [102357..103291], trnA [103435..104256], ndhA [complement(119628..120567)], trnA [complement(133298..134119)], trnI [complement(134263..135197)], ndhB [141294..141972], rpl2 [151906..152573]
1704.	HASA	67	rps12 [complement(100006..100031)], rps12 [complement(100568..100799)], rps12 [complement(72399..72512)], rps16 [complement(5322..5548)], rps16 [complement(6423..6462)], trnG-GCC [10179..10201], trnG-GCC	rps16 [complement(5549..6422)], trnG-GCC [10202..10881], atpF [complement(13278..13973)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10882..10929], atpF [complement(12867..13277)], atpF [complement(13974..14117)], rpoC1 [complement(22020..23639)], rpoC1 [complement(24413..24865)], ycf3 [complement(44408..44560)], ycf3 [complement(45303..45532)], ycf3 [complement(46242..46365)], trnL-UAA [49204..49238], trnL-UAA [49713..49762], rps12 [complement(72399..72512)], rps12 [141790..142021], rps12 [142558..142583], clpP [complement(72646..72873)], clpP [complement(73519..73810)], clpP [complement(74629..74699)], petB [77614..77619], petB [78323..78964], petD [79147..79154], petD [79889..80363], rpl16 [complement(83794..84192)], rpl16 [complement(85048..85056)], rpl2 [complement(86720..87153)], rpl2 [complement(87829..88219)], ndhB [complement(96999..97754)], ndhB [complement(98434..99210)], trnI-GAU [104485..104521], trnI-GAU [105469..105503], trnA-UGC [105568..105605], trnA-UGC [106417..106451], ndhA [complement(121543..122072)], ndhA [complement(123171..123726)], trnA-UGC [complement(136138..136172)], trnA-UGC [complement(136984..137021)], trnI-GAU [complement(137086..137120)], trnI-GAU [complement(138068..138104)], ndhB [143379..144155], ndhB [144835..145590], rpl2 [154370..154760], rpl2 [155436..155869]</p>	<p>[complement(23640..24412)], ycf3 [complement(44561..45302)], ycf3 [complement(45533..46241)], trnL-UAA [49239..49712], clpP [complement(72874..73518)], clpP [complement(73811..74628)], petB [77620..78322], petD [79155..79888], rpl16 [complement(84193..85047)], rpl2 [complement(87154..87828)], ndhB [complement(97755..98433)], trnI-GAU [104522..105468], trnA-UGC [105606..106416], ndhA [complement(122073..123170)], trnA-UGC [complement(136173..136983)], trnI-GAU [complement(137121..138067)], ndhB [144156..144834], rpl2 [154761..155435]</p>
1705.	HAW E	73	<p>rps12 [complement(101207..101232)], rps12 [complement(101769..102000)], rps12 [complement(73685..73798)], trnK-UUU [complement(3630..3664)], trnK-UUU [complement(6186..6222)], rps16 [complement(6778..6974)], rps16 [complement(7846..7885)], trnG-GCC [11280..11302], trnG-GCC [12008..12048], atpF [complement(14019..14419)], atpF [complement(15137..15281)], rpoC1 [complement(23428..25032)], rpoC1 [complement(25796..26248)], ycf3 [complement(45991..46143)], ycf3 [complement(46934..47163)], ycf3 [complement(47884..48007)], trnL-UAA [51008..51042], trnL-UAA [51544..51593], trnV-UAC [complement(55340..55374)], trnV-UAC [complement(55948..55986)], rps12 [complement(73685..73798)], rps12 [144859..145090], rps12 [145627..145652], clpP [complement(73952..74169)], clpP [complement(74791..75188)], clpP [complement(75932..76008)], petB</p>	<p>trnK-UUU [complement(3665..6185)], rps16 [complement(6975..7845)], trnG-GCC [11303..12007], atpF [complement(14420..15136)], rpoC1 [complement(25033..25795)], ycf3 [complement(46144..46933)], ycf3 [complement(47164..47883)], trnL-UAA [51043..51543], trnV-UAC [complement(55375..55947)], clpP [complement(74170..74790)], clpP [complement(75189..75931)], petB [78978..79724], petD [80560..81323], rpl16 [complement(85705..86656)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78971..78977], petB [79725..80365], petD [80551..80559], petD [81324..81797], rpl16 [complement(85306..85704)], rpl16 [complement(86657..86665)], rpl2 [complement(88393..88826)], rpl2 [complement(89478..89868)], ndhB [complement(98165..98920)], ndhB [complement(99609..100385)], trnI-GAU [105910..105946], trnI-GAU [106898..106932], trnA-UGC [106997..107034], trnA-UGC [107849..107883], ndhA [complement(124479..125017)], ndhA [complement(126108..126660)], trnA-UGC [complement(138976..139010)], trnA-UGC [complement(139825..139862)], trnI-GAU [complement(139927..139961)], trnI-GAU [complement(140913..140949)], ndhB [146474..147250], ndhB [147939..148694], rpl2 [157018..157408], rpl2 [158060..158493]	[complement(88827..89477)], ndhB [complement(98921..99608)], trnI-GAU [105947..106897], trnA-UGC [107035..107848], ndhA [complement(125018..126107)], trnA-UGC [complement(139011..139824)], trnI-GAU [complement(139962..140912)], ndhB [147251..147938], rpl2 [157409..158059]
1706.	HEAG	70	rps12 [complement(102851..102876)], rps12 [complement(103413..103644)], rps12 [complement(74336..74449)], trnK-UUU [complement(1664..1698)], trnK-UUU [complement(4254..4290)], rps16 [complement(5188..5414)], rps16 [complement(6307..6346)], atpF [complement(11997..12407)], atpF [complement(13221..13364)], rpoC1 [complement(21708..23333)], rpoC1 [complement(24115..24546)], ycf3 [complement(45037..45189)], ycf3 [complement(45972..46199)], ycf3 [complement(46952..47077)], trnL-UAA [50329..50365], trnL-UAA [50944..50993], trnV-UAC [complement(55066..55102)], trnV-UAC [complement(55677..55715)], rps12 [complement(74336..74449)], rps12 [154364..154595], rps12 [155132..155157], clpP [complement(74644..74871)], clpP [complement(75532..75823)], clpP [complement(76770..76840)], petB [79716..79721], petB [80546..81187], petD [81398..81405], petD [82132..82606], rpl16 [complement(86102..86500)], rpl16 [complement(87399..87407)], rpl2 [complement(89112..89546)], rpl2 [complement(90245..90634)], ndhB [complement(99785..100540)], ndhB [complement(101224..102000)], trnI-GAU [107652..107693], trnI-GAU [108647..108681], trnA-UGC [108745..108782], trnA-UGC [109572..109606], ndhA [complement(133678..134217)], ndhA [complement(135356..135907)], trnA-UGC [complement(148402..148436)], trnA-UGC [complement(149226..149263)], trnI-GAU [complement(149327..149361)],	trnK-UUU [complement(1699..4253)], rps16 [complement(5415..6306)], atpF [complement(12408..13220)], rpoC1 [complement(23334..24114)], ycf3 [complement(45190..45971)], ycf3 [complement(46200..46951)], trnL-UAA [50366..50943], trnV-UAC [complement(55103..55676)], clpP [complement(74872..75531)], clpP [complement(75824..76769)], petB [79722..80545], petD [81406..82131], rpl16 [complement(86501..87398)], rpl2 [complement(89547..90244)], ndhB [complement(100541..101223)], trnI-GAU [107694..108646], trnA-UGC [108783..109571], ndhA [complement(134218..135355)], trnA-UGC [complement(148437..149225)], trnI-GAU [complement(149362..150314)], ndhB [156785..157467], rpl2 [167765..168462]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(150315..150356)], ndhB [156008..156784], ndhB [157468..158223], rpl2 [167374..167764], rpl2 [168463..168896]	
1707.	HEAI	31	rps12 [82984..83215], rps12 [83735..83760], trnV-UAC [10122..10159], trnV-UAC [10687..10723], trnK-UUU [18524..18552], trnK-UUU [20984..21020], trnG-UCC [26091..26115], trnG-UCC [26866..26912], trnL-UAA [59983..60017], trnL-UAA [60305..60354], trnA-UGC [complement(77106..77140)], trnA-UGC [complement(77913..77950)], trnI-GAU [complement(78002..78036)], trnI-GAU [complement(78928..78964)], petD [120447..120936]	rpl2 [complement(794..1435)], trnV-UAC [10160..10686], trnK-UUU [18553..20983], trnG-UCC [26116..26865], atpF [complement(29221..29876)], rpoC1 [complement(38348..39070)], ycf3 [complement(55780..56474)], ycf3 [complement(56705..57417)], trnL-UAA [60018..60304], ndhA [complement(65654..66396)], trnA-UGC [complement(77141..77912)], trnI-GAU [complement(78037..78927)], ndhB [85253..85976], petB [118202..118971], petD [119793..120446], rpl16 [complement(124939..125764)]
1708.	HEAL	28	rps12 [complement(97726..97968)], rps12 [complement(69296..69409)], trnK-UUU [complement(1595..1624)], trnK-UUU [complement(4159..4195)], ycf3 [complement(42961..43190)], rps12 [138233..138475]	trnK-UUU [complement(1625..4158)], rps16 [complement(5227..6120)], rpoC1 [16177..16918], atpF [26673..27381], trnG-UCC [complement(29866..30598)], ycf3 [complement(42216..42960)], ycf3 [complement(43191..43879)], trnL-UAA [46973..47409], trnV-UAC [complement(50981..51553)], clpP [complement(69831..70452)], clpP [complement(70744..71556)], petB [74601..75395], petD [76234..76967], rpl2 [complement(84499..85169)], ndhB [complement(94907..95580)], trnI-GAU [101937..102712], trnA-UGC [102850..103669], ndhA [115981..117047], trnA-UGC [complement(132532..133351)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnI-GAU [complement(133489..134264)], ndhB [140621..141294], rpl2 [151033..151703]
1709.	HEAN	21	rps12 [complement(96830..97072)], rps12 [complement(69070..69183)], trnK-UUU [complement(1762..1796)], trnK-UUU [complement(4321..4357)], rps16 [complement(5196..5422)], rps12 [137563..137805]	trnK-UUU [complement(1797..4320)], rps16 [complement(5423..6291)], rpoC1 [16716..17447], atpF [27204..27916], ycf3 [complement(42417..43161)], ycf3 [complement(43392..44090)], clpP [complement(69574..70194)], clpP [complement(70486..71236)], petB [74264..75037], petD [75882..76592], rpl2 [complement(84119..84783)], ndhB [complement(94023..94692)], ndhA [115226..116309], ndhB [139943..140612], rpl2 [149852..150516]
1710.	HEAP	67	rps12 [complement(101744..101769)], rps12 [complement(102316..102547)], rps12 [complement(74130..74243)], trnK [complement(1709..1746)], trnK [complement(4242..4278)], rps16 [complement(5105..5331)], rps16 [complement(6188..6227)], trnG [9435..9457], trnG [10182..10229], atpF [complement(12437..12846)], atpF [complement(13612..13756)], rpoC1 [complement(21846..23453)], rpoC1 [complement(24195..24647)], ycf3 [complement(45023..45175)], ycf3 [complement(45970..46199)], ycf3 [complement(46954..47077)], trnL-UAA [50000..50034], trnL-UAA [50567..50616], trnC-ACA [complement(54762..54796)], trnC-ACA [complement(55397..55434)], rps12 [complement(74130..74243)], rps12 [145242..145473], rps12 [146020..146045], clpP [complement(74400..74627)], clpP [complement(75211..75502)], clpP [complement(76337..76407)], petB [79283..79288], petB [80067..80708], petD [80907..80914], petD [81662..82136], rpl16 [complement(85623..86021)], rpl16 [complement(87006..87014)], ndhB [complement(98682..99437)], ndhB [complement(100121..100897)], trnI-GAU [106583..106619], trnI-GAU [107568..107602], trnA-UGC [107667..107704], trnA-UGC [108508..108542],	trnK [complement(1747..4241)], rps16 [complement(5332..6187)], trnG [9458..10181], atpF [complement(12847..13611)], rpoC1 [complement(23454..24194)], ycf3 [complement(45176..45969)], ycf3 [complement(46200..46953)], trnL-UAA [50035..50566], trnC-ACA [complement(54797..55396)], clpP [complement(74628..75210)], clpP [complement(75503..76336)], petB [79289..80066], petD [80915..81661], rpl16 [complement(86022..87005)], ndhB [complement(99438..100120)], trnI-GAU [106620..107567], trnA-UGC [107705..108507], ndhA [complement(125179..126215)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(124640..125178)], ndhA [complement(126216..126768)], trnA-UGC [complement(139247..139281)], trnA-UGC [complement(140085..140122)], trnI-GAU [complement(140187..140221)], trnI-GAU [complement(141170..141206)], ndhB [146892..147668], ndhB [148352..149107]	[complement(139282..140084)], trnI-GAU [complement(140222..141169)], ndhB [147669..148351]
1711.	HEAR	64	rps12 [complement(96834..97076)], rps12 [complement(69087..69200)], trnK-UUU [complement(1765..1799)], trnK-UUU [complement(4310..4346)], rps16 [complement(5185..5410)], rps16 [complement(6280..6320)], rpoC1 [16268..16720], rpoC1 [17452..19089], atpF [27063..27221], atpF [27920..28330], ycf3 [complement(42267..42419)], ycf3 [complement(43165..43392)], ycf3 [complement(44092..44217)], trnL-UAA [47036..47072], trnL-UAA [47508..47557], trnV-UAC [complement(50804..50840)], trnV-UAC [complement(51414..51451)], accD [56592..56723], accD [57138..58034], rps12 [137534..137776], clpP [complement(69362..69589)], clpP [complement(70211..70501)], clpP [complement(71260..71328)], petD [75887..75891], petD [76613..77087], rpoA [complement(77283..77720)], rpoA [complement(77706..78290)], rpl2 [complement(83695..84129)], rpl2 [complement(84792..85184)], ndhB [complement(93271..94026)], ndhB [complement(94697..95473)], trnI-GAU [101012..101053], trnI-GAU [101828..101862], trnA-UGC [101927..101964], trnA-UGC [102787..102821], ccsA [complement(121181..121561)], ccsA [complement(121652..122149)], trnA-UGC [complement(131789..131823)], trnA-UGC [complement(132646..132683)], trnI-GAU [complement(132748..132782)], trnI-GAU [complement(133557..133598)], ndhB [139137..139913], ndhB [140584..141339]	trnK-UUU [complement(1800..4309)], rps16 [complement(5411..6279)], rpoC1 [16721..17451], atpF [27222..27919], ycf3 [complement(42420..43164)], ycf3 [complement(43393..44091)], trnL-UAA [47073..47507], trnV-UAC [complement(50841..51413)], accD [56724..57137], clpP [complement(69590..70210)], clpP [complement(70502..71259)], petD [75892..76612], rpoA [complement(77721..77705)], rpl2 [complement(84130..84791)], ndhB [complement(94027..94696)], trnI-GAU [101054..101827], trnA-UGC [101965..102786], ccsA [complement(121562..121651)], trnA-UGC [complement(131824..132645)], trnI-GAU [complement(132783..133556)], ndhB [139914..140583]
1712.	HEBA	49	rps12 [complement(99493..99518)], rps12 [complement(100059..100290)], rps12 [complement(71240..71353)], trnK [complement(1602..1636)], trnK [complement(4184..4220)], rps16 [complement(4647..4864)], rps16 [complement(5661..5700)], trnG [8872..8894], trnG [9651..9699], atpF [complement(11883..12292)], atpF [complement(13123..13267)], rpoC1 [complement(21278..22894)], rpoC1 [complement(23628..24059)], ycf3 [complement(43369..43521)], ycf3 [complement(44393..44620)], ycf3	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45361..45486)], trnL [48527..48561], trnL [49106..49155], trnV [complement(52933..52967)], trnV [complement(53572..53610)], rps12 [142229..142460], rps12 [143001..143026], clpP [complement(71541..71768)], clpP [complement(72405..72696)], clpP [complement(73623..73693)], petB [76599..76604], petB [77358..77999], petD [78197..78204], petD [79027..79501], rpl16 [complement(83000..83398)], rpl16 [complement(84407..84415)], rpl2 [complement(86129..86563)], rpl2 [complement(87227..87616)], ndhB [complement(96437..97192)], ndhB [complement(97873..98652)], trnI [104268..104304], trnI [105154..105188], trnA [105258..105295], trnA [106097..106131], ndhA [complement(121976..122514)], ndhA [complement(123454..124006)], trnA [complement(136388..136422)], trnA [complement(137224..137261)], trnI [complement(137331..137365)], trnI [complement(138215..138251)], ndhB [143867..144646], ndhB [145327..146082], rpl2 [154903..155292], rpl2 [155956..156390]	
1713.	HEBE	29	rps12 [complement(36405..36518)], trnV-UAC [complement(5340..5370)], trnV-UAC [complement(5904..5941)], trnI-GAU [64095..64131], trnI-GAU [65023..65057], trnA-UGC [65109..65146], trnA-UGC [65919..65953], trnL-UAA [complement(82704..82753)], trnL-UAA [complement(83041..83075)], trnG-UCC [complement(116156..116202)], trnG-UCC [complement(116951..116976)], trnK-UUU [122051..122087], trnK-UUU [124523..124547]	trnV-UAC [complement(5371..5903)], rpl2 [14628..15269], rpl16 [17456..18281], petD [complement(22767..23420)], petB [complement(24241..25010)], ndhB [complement(57085..57824)], trnI-GAU [64132..65022], trnA-UGC [65147..65918], ndhA [76662..77404], trnL-UAA [complement(82754..83040)], ycf3 [85644..86355], ycf3 [86586..87280], rpoC1 [104009..104788], atpF [113193..113848], trnG-UCC [complement(116203..116950)], trnK-UUU [122088..124522]
1714.	HEBR	70	rps12 [complement(103189..103214)], rps12 [complement(103751..103982)], rps12 [complement(74171..74284)], trnK-UUU [complement(2085..2119)], trnK-UUU [complement(4653..4689)], rps16 [complement(5391..5617)], rps16 [complement(6525..6564)], rpoC1 [18358..18789], rpoC1 [19575..21185], trnG-GCC [complement(32593..32642)], trnG-GCC	trnK-UUU [complement(2120..4652)], rps16 [complement(5618..6524)], rpoC1 [18790..19574], trnG-GCC [complement(32643..33330)], ycf3 [complement(46232..46899)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(33331..33352)], ycf3 [complement(46079..46231)], ycf3 [complement(46900..47127)], ycf3 [complement(47854..47979)], trnL-UAA [50216..50252], trnL-UAA [50780..50829], trnV-UAC [complement(54450..54486)], trnV-UAC [complement(55073..55111)], rps12 [complement(74171..74284)], rps12 [146419..146650], rps12 [147187..147212], clpP [complement(74495..74722)], clpP [complement(75364..75654)], clpP [complement(76490..76558)], petB [79467..79472], petB [80252..80893], petD [81106..81113], petD [81964..82459], rpl16 [complement(86026..86424)], rpl16 [complement(87609..87617)], rpl2 [complement(89373..89807)], rpl2 [complement(90481..90879)], ndhB [complement(100137..100892)], ndhB [complement(101575..102351)], trnI-GAU [107962..108003], trnI-GAU [108910..108944], trnA-UGC [109009..109046], trnA-UGC [109853..109887], ndhA [complement(125888..126427)], ndhA [complement(127535..128086)], trnA-UGC [complement(140514..140548)], trnA-UGC [complement(141355..141392)], trnI-GAU [complement(141457..141491)], trnI-GAU [complement(142398..142439)], ndhB [148050..148826], ndhB [149509..150264], rpl2 [159522..159920], rpl2 [160594..161028]	[complement(47128..47853)], trnL-UAA [50253..50779], trnV-UAC [complement(54487..55072)], clpP [complement(74723..75363)], clpP [complement(75655..76489)], petB [79473..80251], petD [81114..81963], rpl16 [complement(86425..87608)], rpl2 [complement(89808..90480)], ndhB [complement(100893..101574)], trnI-GAU [108004..108909], trnA-UGC [109047..109852], ndhA [complement(126428..127534)], trnA-UGC [complement(140549..141354)], trnI-GAU [complement(141492..142397)], ndhB [148827..149508], rpl2 [159921..160593]
1715.	HEBU	65	trnK [complement(1704..1739)], trnK [complement(4317..4353)], trnT [8570..8603], trnT [9323..9364], atpF [complement(11457..11866)], atpF [complement(12583..12727)], rpoC1 [complement(20204..21814)], rpoC1 [complement(22596..23027)], ycf3 [complement(42526..42678)], ycf3 [complement(43470..43697)], trnL [47080..47114], trnL [47433..47482], trnV [complement(50952..50986)], trnV [complement(51588..51626)], rps12 [complement(69065..69178)], rps12 [139145..139376], rps12 [139914..139939], clpP [complement(69364..69591)], clpP [complement(70170..70461)], clpP [complement(71363..71433)], petB [74411..74416], petB [75202..75843], petD [76042..76049], petD [76772..77246], rpl16 [complement(80707..81114)], rpl16 [complement(82212..82220)], rpl2 [complement(83921..84355)], rpl2 [complement(85038..85427)], ndhB [complement(94521..95282)], ndhB [complement(95968..96375)], trnE [101986..102017], trnE [102959..102998],	trnK [complement(1740..4316)], trnT [8604..9322], atpF [complement(11867..12582)], rpoC1 [complement(21815..22595)], ycf3 [complement(42679..43469)], trnL [47115..47432], trnV [complement(50987..51587)], clpP [complement(69592..70169)], clpP [complement(70462..71362)], petB [74417..75201], petD [76050..76771], rpl16 [complement(81115..82211)], rpl2 [complement(84356..85037)], ndhB [complement(95283..95967)], trnE [102018..102958], trnA [103100..103868],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [103063..103099], trnA [103869..103904], ndhA [complement(119286..119815)], ndhA [complement(120898..121450)], trnA [complement(133612..133647)], trnA [complement(134417..134453)], trnE [complement(134518..134557)], trnE [complement(135499..135530)], ndhB [141141..141548], ndhB [142234..142995], rpl2 [152089..152478], rpl2 [153161..153595]	ndhA [complement(119816..120897)], trnA [complement(133648..134416)], trnE [complement(134558..135498)], ndhB [141549..142233], rpl2 [152479..153160]
1716.	HECA	27	rps12 [complement(71848..71961)], trnK-UUU [complement(1386..1425)], trnK-UUU [complement(4002..4038)], rps12 [143366..143391]	trnK-UUU [complement(1426..4001)], rps16 [complement(4937..5813)], trnG-GCC [9674..10366], atpF [complement(12734..13521)], rpoC1 [complement(22736..23480)], ycf3 [complement(43601..44342)], ycf3 [complement(44573..45311)], trnL-UAA [48310..48810], trnV-UAC [complement(53363..53956)], clpP [complement(72344..73003)], clpP [complement(73295..74112)], petB [77072..77874], petD [78743..79455], rpl16 [complement(83789..84773)], rpl2 [complement(87079..87742)], ndhB [complement(98053..98751)], trnI-GAU [105008..105944], trnA-UGC [106082..106896], ndhA [complement(122993..124098)], trnA-UGC [complement(136865..137679)], trnI-GAU [complement(137817..138753)], ndhB [145010..145708], rpl2 [156019..156682]
1717.	HECD	64	rps12 [complement(97782..97807)], rps12 [complement(98344..98575)], rps12 [complement(70378..70491)], trnK-UUU [complement(1531..1565)], trnK-UUU [complement(4080..4116)], rps16 [complement(4653..4849)], rps16 [complement(5702..5741)], trnG-UCC [8771..8793], trnG-UCC [9496..9543], atpF [complement(11431..11831)], atpF [complement(12567..12711)], rpoC1	trnK-UUU [complement(1566..4079)], rps16 [complement(4850..5701)], trnG-UCC [8794..9495], atpF [complement(11832..12566)], rpoC1 [complement(22354..23113)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20749..22353)], rpoC1 [complement(23114..23545)], ycf3 [complement(43265..43417)], ycf3 [complement(44194..44421)], ycf3 [complement(45145..45270)], trnL-UAA [48307..48341], trnL-UAA [48844..48893], trnV-UAC [complement(52483..52517)], trnV-UAC [complement(53086..53124)], clpP [complement(70637..70865)], clpP [complement(71515..71808)], clpP [complement(72653..72723)], petB [75686..75691], petB [76433..77074], petD [77255..77262], petD [78009..78483], rpl16 [complement(81961..82359)], rpl16 [complement(83322..83330)], rpl2 [complement(85018..85451)], rpl2 [complement(86103..86493)], ndhB [complement(94746..95528)], ndhB [complement(96211..96960)], trnI-GAU [104079..104115], trnI-GAU [105064..105098], trnA-UGC [105163..105200], trnA-UGC [106014..106048], ndhA [complement(122639..123177)], ndhA [complement(124242..124794)], trnA-UGC [complement(137010..137044)], trnA-UGC [complement(137858..137895)], trnI-GAU [complement(137960..137994)], trnI-GAU [complement(138943..138979)]	[complement(43418..44193)], ycf3 [complement(44422..45144)], trnL-UAA [48342..48843], trnV-UAC [complement(52518..53085)], clpP [complement(70866..71514)], clpP [complement(71809..72652)], petB [75692..76432], petD [77263..78008], rpl16 [complement(82360..83321)], rpl2 [complement(85452..86102)], ndhB [complement(95529..96210)], trnI-GAU [104116..105063], trnA-UGC [105201..106013], ndhA [complement(123178..124241)], trnA-UGC [complement(137045..137857)], trnI-GAU [complement(137995..138942)]
1718.	HECG	5	rps12 [complement(4120..4362)], rps12 [complement(24166..24279)], rpl2 [14670..15054], rpl2 [15700..16238]	rpl2 [15055..15699]
1719.	HECN	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3906..3943)], rps12 [127165..127193]	trnK-UUU [complement(1416..3905)], rps16 [complement(4713..5561)], trnG-UCC [complement(13048..13745)], atpF [34037..34867], ycf3 [complement(43184..43914)], ycf3 [complement(44143..44895)], trnL-UAA [47725..48176], trnV-UAC [complement(51891..52492)], petB [71945..72696], petD [73535..74274], rpl16 [complement(78727..79807)], rpl2 [complement(82211..82873)], ndhB [complement(86681..87384)], trnI-GAU [93679..94624], trnA-UGC [94763..95572], ndhA [complement(111631..112652)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UGC [complement(120612..121421)], trnI-GAU [complement(121560..122505)], ndhB [128800..129503], rpl2 [133311..133973]
1720.	HECO	44	rps12 [complement(75217..75330)], trnK-UUU [complement(1547..1582)], trnK-UUU [complement(4181..4217)], trnG-GCC [10990..11012], trnG-GCC [11706..11753], trnL-UAA [51514..51548], trnL-UAA [52062..52111], trnV-UAC [complement(56710..56746)], trnV-UAC [complement(57335..57372)], rps12 [complement(75217..75330)], rps12 [147106..147335], rps12 [147877..147901], petB [80464..80471], trnI-GAU [108755..108796], trnI-GAU [109733..109767], trnA-UGC [109832..109869], trnA-UGC [110671..110705], trnA-UGC [complement(141141..141175)], trnA-UGC [complement(141977..142014)], trnI-GAU [complement(142079..142113)], trnI-GAU [complement(143050..143091)]	trnK-UUU [complement(1583..4180)], rps16 [complement(5186..6065)], trnG-GCC [11013..11705], atpF [complement(14114..14935)], rpoC1 [complement(25045..25770)], ycf3 [complement(46712..47469)], ycf3 [complement(47699..48437)], trnL-UAA [51549..52061], trnV-UAC [complement(56747..57334)], clpP [complement(75721..76362)], clpP [complement(76655..77478)], petB [80472..81269], petD [82118..82847], rpl16 [complement(87257..88283)], rpl2 [complement(90686..91346)], ndhB [complement(101638..102337)], trnI-GAU [108797..109732], trnA-UGC [109870..110670], ndhA [complement(127449..128501)], trnA-UGC [complement(141176..141976)], trnI-GAU [complement(142114..143049)], ndhB [149509..150208], rpl2 [160524..161184]
1721.	HEDB	61	rps12 [complement(96436..96462)], rps12 [complement(96989..97228)], rps12 [complement(69209..69322)], trnK-UUU [1879..1913], trnK-UUU [4424..4460], rps16 [complement(5299..5525)], rps16 [complement(6400..6439)], rpoC1 [16389..16841], rpoC1 [17576..19213], atpF [27203..27347], atpF [28061..28470], ycf3 [complement(42405..42557)], ycf3 [complement(43303..43532)], ycf3 [complement(44232..44355)], trnL-UAA [47172..47208], trnL-UAA [47644..47693], trnV-UAC [complement(50940..50976)], trnV-UAC [complement(51550..51587)], clpP	trnK-UUU [1914..4423], rps16 [complement(5526..6399)], rpoC1 [16842..17575], atpF [27348..28060], ycf3 [complement(42558..43302)], ycf3 [complement(43533..44231)], trnL-UAA [47209..47643], trnV-UAC [complement(50977..51549)], clpP [complement(69713..70332)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(69484..69712)], clpP [complement(70333..70623)], clpP [complement(71378..71448)], petB [74397..74402], petB [75177..75818], petD [76013..76020], petD [76738..77212], rpl2 [complement(83841..84274)], rpl2 [complement(84940..85330)], ndhB [complement(93423..94178)], ndhB [complement(94849..95625)], trnI-GAU [101164..101205], trnI-GAU [101980..102014], trnA-UGC [102079..102116], trnA-UGC [102938..102972], ndhA [114812..115364], ndhA [116445..116983], trnA-UGC [complement(131946..131980)], trnA-UGC [complement(132802..132839)], ndhB [139293..140069], ndhB [140740..141495], rpl2 [149588..149978], rpl2 [150644..151077]	[complement(70624..71377)], petB [74403..75176], petD [76021..76737], rpl2 [complement(84275..84939)], ndhB [complement(94179..94848)], trnI-GAU [101206..101979], trnA-UGC [102117..102937], ndhA [115365..116444], trnA-UGC [complement(131981..132801)], ndhB [140070..140739], rpl2 [149979..150643]
1722.	HEDE	38	rps12 [complement(69148..69261)], trnG-UCC [complement(30354..30400)], trnG-UCC [complement(31118..31140)], trnL-UAA [47060..47096], trnL-UAA [47532..47581], trnV-UAC [complement(50833..50869)], trnV-UAC [complement(51442..51479)], clpP [complement(70271..70561)], trnI-GAU [101031..101072], trnI-GAU [101848..101882], trnA-UGC [101947..101984], trnA-UGC [102806..102840], trnA-UGC [complement(131799..131832)], trnA-UGC [complement(132654..132691)], trnI-GAU [complement(132756..132790)], trnI-GAU [complement(133566..133607)]	trnK-UUU [complement(1807..4333)], rps16 [complement(5424..6295)], rpoC1 [16756..17486], atpF [27252..27964], trnG-UCC [complement(30401..31117)], ycf3 [complement(42454..43198)], ycf3 [complement(43429..44127)], trnL-UAA [47097..47531], trnV-UAC [complement(50870..51441)], clpP [complement(69652..70270)], clpP [complement(70562..71315)], petB [74336..75109], petD [75954..76664], rpl2 [complement(84178..84842)], ndhB [complement(94046..94715)], trnI-GAU [101073..101847], trnA-UGC [101985..102805], ndhA [115223..116306], trnA-UGC [complement(131833..132653)], trnI-GAU [complement(132791..133565)], ndhB [139923..140592], rpl2 [149796..150460]
1723.	HEDI	38	rps12 [complement(69153..69266)], trnG-UCC [complement(30361..30407)], trnG-UCC [complement(31125..31147)], trnL-UAA [47072..47108], trnL-UAA [47544..47593], trnV-UAC [complement(50845..50881)], trnV-UAC	trnK-UUU [complement(1805..4330)], rps16 [complement(5421..6295)], rpoC1 [16762..17491], atpF [27258..27970], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51455..51492)], clpP [complement(70275..70565)], trnI-GAU [101030..101071], trnI-GAU [101846..101880], trnA-UGC [101945..101982], trnA-UGC [102804..102838], trnA-UGC [complement(131797..131830)], trnA-UGC [complement(132652..132689)], trnI-GAU [complement(132754..132788)], trnI-GAU [complement(133563..133604)]	UCC [complement(30408..31124)], ycf3 [complement(42466..43210)], ycf3 [complement(43441..44139)], trnL-UAA [47109..47543], trnV-UAC [complement(50882..51454)], clpP [complement(69657..70274)], clpP [complement(70566..71319)], petB [74339..75112], petD [75957..76667], rpl2 [complement(84177..84841)], ndhB [complement(94045..94714)], trnI-GAU [101072..101845], trnA-UGC [101983..102803], ndhA [115221..116304], trnA-UGC [complement(131831..132651)], trnI-GAU [complement(132789..133562)], ndhB [139920..140589], rpl2 [149793..150457]
1724.	HEEL	70	rps12 [complement(100224..100258)], rps12 [complement(100786..101017)], rps12 [complement(72306..72419)], trnK-UUU [complement(1812..1846)], trnK-UUU [complement(4352..4388)], rps16 [complement(5225..5451)], rps16 [complement(6293..6332)], atpF [complement(12827..13237)], atpF [complement(13966..14109)], rpoC1 [complement(21995..23626)], rpoC1 [complement(24372..24827)], Ycf3 [complement(44293..44445)], Ycf3 [complement(45181..45408)], Ycf3 [complement(46121..46246)], trnL-UAA [49459..49495], trnL-UAA [49980..50031], trnV-UAC [complement(53880..53916)], trnV-UAC [complement(54502..54539)], rps12 [complement(72306..72419)], rps12 [143102..143333], rps12 [143870..143895], clpP [complement(72551..72778)], clpP [complement(73432..73722)], clpP [complement(74549..74617)], petB [77528..77533], petB [78292..78933], petD [79119..79126], petD [79876..80353], rpl16 [complement(83831..84232)], rpl16 [complement(85225..85233)], rpl2 [complement(86890..87323)], rpl2 [complement(87989..88379)], ndhB [complement(97180..97935)], ndhB	trnK-UUU [complement(1847..4351)], rps16 [complement(5452..6292)], atpF [complement(13238..13965)], rpoC1 [complement(23627..24371)], Ycf3 [complement(44446..45180)], Ycf3 [complement(45409..46120)], trnL-UAA [49496..49979], trnV-UAC [complement(53917..54501)], clpP [complement(72779..73431)], clpP [complement(73723..74548)], petB [77534..78291], petD [79127..79875], rpl16 [complement(84233..85224)], rpl2 [complement(87324..87988)], ndhB [complement(97936..98614)], trnI-GAU [104970..105902], trnA-UGC [106040..106846], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98615..99391)], trnI-GAU [104928..104969], trnI-GAU [105903..105937], trnA-UGC [106002..106039], trnA-UGC [106847..106881], ndhA [complement(122660..123199)], ndhA [complement(124316..124879)], trnA-UGC [complement(137238..137272)], trnA-UGC [complement(138080..138117)], trnI-GAU [complement(138182..138216)], trnI-GAU [complement(139150..139191)], ndhB [144728..145504], ndhB [146184..146939], rpl2 [155740..156130], rpl2 [156796..157229]	[complement(123200..124315)], trnA-UGC [complement(137273..138079)], trnI-GAU [complement(138217..139149)], ndhB [145505..146183], rpl2 [156131..156795]
1725.	HEFO	70	rps12 [complement(102791..102816)], rps12 [complement(103353..103584)], rps12 [complement(74297..74410)], trnK-UUU [complement(1658..1692)], trnK-UUU [complement(4248..4284)], rps16 [complement(5173..5399)], rps16 [complement(6288..6327)], atpF [complement(11986..12396)], atpF [complement(13212..13355)], rpoC1 [complement(21697..23322)], rpoC1 [complement(24106..24537)], Ycf3 [complement(45030..45182)], Ycf3 [complement(45964..46191)], Ycf3 [complement(46945..47070)], trnL-UAA [50289..50325], trnL-UAA [50903..50952], trnV-UAC [complement(55013..55049)], trnV-UAC [complement(55624..55662)], rps12 [complement(74297..74410)], rps12 [154313..154544], rps12 [155081..155106], clpP [complement(74605..74832)], clpP [complement(75491..75782)], clpP [complement(76731..76801)], petB [79677..79682], petB [80505..81146], petD [81354..81361], petD [82091..82565], rpl16 [complement(86060..86458)], rpl16 [complement(87360..87368)], rpl2 [complement(89052..89486)], rpl2 [complement(90185..90574)], ndhB [complement(99725..100480)], ndhB [complement(101164..101940)], trnI-GAU [107592..107633], trnI-GAU [108587..108621], trnA [108685..108722], trnA [109512..109546], ndhA [complement(133624..134163)], ndhA [complement(135302..135853)], trnA-UGC [complement(148351..148385)], trnA-UGC [complement(149175..149212)], trnI-GAU [complement(149276..149310)], trnI-GAU [complement(150264..150305)], ndhB [155957..156733], ndhB [157417..158172], rpl2 [167323..167713], rpl2 [168412..168845]	trnK-UUU [complement(1693..4247)], rps16 [complement(5400..6287)], atpF [complement(12397..13211)], rpoC1 [complement(23323..24105)], Ycf3 [complement(45183..45963)], Ycf3 [complement(46192..46944)], trnL-UAA [50326..50902], trnV-UAC [complement(55050..55623)], clpP [complement(74833..75490)], clpP [complement(75783..76730)], petB [79683..80504], petD [81362..82090], rpl16 [complement(86459..87359)], rpl2 [complement(89487..90184)], ndhB [complement(100481..101163)], trnI-GAU [107634..108586], trnA [108723..109511], ndhA [complement(134164..135301)], trnA-UGC [complement(148386..149174)], trnI-GAU [complement(149311..150263)], ndhB [156734..157416], rpl2 [167714..168411]
1726.	HEFU	70	rps12 [complement(98890..99147)], rps12 [complement(70168..70281)], trnK-UUU [complement(1375..1409)], trnK-UUU [complement(4061..4097)],	trnK-UUU [complement(1410..4060)], rps16 [complement(4983..5884)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps16 [complement(4764..4982)], rps16 [complement(5885..5923)], trnG-UCC [10130..10150], trnG-UCC [10868..10918], atpF [complement(12796..13203)], atpF [complement(14280..14438)], rpoC1 [complement(21796..23421)], rpoC1 [complement(24190..24624)], ycf3 [complement(42807..42958)], ycf3 [complement(43701..43929)], ycf3 [complement(44665..44790)], trnL-UAA [47775..47811], trnL-UAA [48320..48369], trnV-UAC [complement(52259..52294)], trnV-UAC [complement(52890..52928)], rps12 [141316..141573], clpP [complement(70411..70662)], clpP [complement(71340..71630)], clpP [complement(72429..72497)], petB [75404..75409], petB [76208..76858], petD [77087..77095], petD [77784..78347], rpl16 [complement(81940..82341)], rpl16 [complement(83325..83333)], rpl2 [complement(85236..85667)], rpl2 [complement(86329..86721)], ndhB [complement(95809..96564)], ndhB [complement(97264..98040)], trnI-GAU [103188..103229], trnI-GAU [104174..104208], trnA-UGC [104274..104310], trnA-UGC [105123..105157], ndhA [117421..117971], ndhA [119105..119645], trnA-UGC [complement(135306..135340)], trnA-UGC [complement(136153..136190)], trnI-GAU [complement(136255..136289)], trnI-GAU [complement(137234..137275)], ndhB [142423..143199], ndhB [143899..144654], rpl2 [153742..154134], rpl2 [154796..155227]</p>	<p>[10151..10867], atpF [complement(13204..14279)], rpoC1 [complement(23422..24189)], ycf3 [complement(42959..43700)], ycf3 [complement(43930..44664)], trnL-UAA [47812..48319], trnV-UAC [complement(52295..52889)], clpP [complement(70663..71339)], clpP [complement(71631..72428)], petB [75410..76207], petD [77096..77783], rpl16 [complement(82342..83324)], rpl2 [complement(85668..86328)], ndhB [complement(96565..97263)], trnI-GAU [103230..104173], trnA-UGC [104311..105122], ndhA [117972..119104], trnA-UGC [complement(135341..136152)], trnI-GAU [complement(136290..137233)], ndhB [143200..143898], rpl2 [154135..154795]</p>
1727.	HEGI	38	<p>rps12 [complement(69147..69260)], trnG-UCC [complement(30344..30390)], trnG-UCC [complement(31108..31130)], trnL-UAA [47057..47093], trnL-UAA [47529..47578], trnV-UAC [complement(50840..50876)], trnV-UAC [complement(51450..51487)], clpP [complement(70269..70559)], trnI-GAU [101032..101073], trnI-GAU [101848..101882], trnA-UGC [101947..101984], trnA-UGC [102806..102840], trnA-UGC [complement(131818..131851)], trnA-UGC [complement(132673..132710)], trnI-GAU [complement(132775..132809)], trnI-GAU [complement(133584..133625)]</p>	<p>trnK-UUU [complement(1806..4329)], rps16 [complement(5420..6291)], rpoC1 [16744..17474], atpF [27240..27952], trnG-UCC [complement(30391..31107)], ycf3 [complement(42446..43190)], ycf3 [complement(43421..44119)], trnL-UAA [47094..47528], trnV-UAC [complement(50877..51449)], clpP [complement(69651..70268)], clpP [complement(70560..71313)], petB [74335..75108], petD [75953..76663], rpl2 [complement(84179..84843)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(94047..94716)], trnI-GAU [101074..101847], trnA-UGC [101985..102805], ndhA [115223..116306], trnA-UGC [complement(131852..132672)], trnI-GAU [complement(132810..133583)], ndhB [139941..140610], rpl2 [149814..150478]
1728.	HEGL	31	rps12 [complement(50539..50564)], rps12 [complement(51084..51315)], rps12 [complement(27638..27751)], trnI-GAU [55334..55375], trnI-GAU [56262..56296], trnA-UGC [56348..56385], trnA-UGC [57158..57192], trnL-UAA [complement(73944..73993)], trnL-UAA [complement(74278..74315)], trnG-UCC [complement(107370..107417)], trnG-UCC [complement(108170..108192)], trnK-UUU [113262..113298], trnK-UUU [115734..115758], trnV-UAC [complement(123559..123595)], trnV-UAC [complement(124123..124160)]	rpl2 [5854..6495], rpl16 [8683..9508], petD [complement(14003..14656)], petB [complement(15477..16246)], ndhB [complement(48323..49046)], trnI-GAU [55376..56261], trnA-UGC [56386..57157], ndhA [67901..68643], trnL-UAA [complement(73994..74277)], ycf3 [76885..77597], ycf3 [77823..78517], rpoC1 [95229..95960], atpF [104406..105061], trnG-UCC [complement(107418..108169)], trnK-UUU [113299..115733], trnV-UAC [complement(123596..124122)]
1729.	HEGR	38	rps12 [complement(69148..69261)], trnG-UCC [complement(30361..30407)], trnG-UCC [complement(31125..31147)], trnL-UAA [47067..47103], trnL-UAA [47539..47588], trnV-UAC [complement(50840..50876)], trnV-UAC [complement(51450..51487)], clpP [complement(70270..70560)], trnI-GAU [101001..101042], trnI-GAU [101818..101852], trnA-UGC [101917..101954], trnA-UGC [102776..102810], trnA-UGC [complement(131768..131801)], trnA-UGC [complement(132623..132660)], trnI-GAU [complement(132725..132759)], trnI-GAU [complement(133535..133576)]	trnK-UUU [complement(1809..4333)], rps16 [complement(5425..6300)], rpoC1 [16762..17493], atpF [27257..27969], trnG-UCC [complement(30408..31124)], ycf3 [complement(42461..43205)], ycf3 [complement(43436..44134)], trnL-UAA [47104..47538], trnV-UAC [complement(50877..51449)], clpP [complement(69652..70269)], clpP [complement(70561..71314)], petB [74314..75087], petD [75932..76642], rpl2 [complement(84148..84812)], ndhB [complement(94016..94685)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101043..101817], trnA-UGC [101955..102775], ndhA [115193..116276], trnA-UGC [complement(131802..132622)], trnI-GAU [complement(132760..133534)], ndhB [139892..140561], rpl2 [149765..150429]
1730.	HEHI	38	rps12 [complement(69145..69258)], trnG-UCC [complement(30358..30404)], trnG-UCC [complement(31122..31144)], trnL-UAA [47064..47100], trnL-UAA [47536..47585], trnV-UAC [complement(50837..50873)], trnV-UAC [complement(51447..51484)], clpP [complement(70267..70557)], trnI-GAU [101028..101069], trnI-GAU [101845..101879], trnA-UGC [101944..101981], trnA-UGC [102803..102837], trnA-UGC [complement(131796..131829)], trnA-UGC [complement(132651..132688)], trnI-GAU [complement(132753..132787)], trnI-GAU [complement(133563..133604)]	trnK-UUU [complement(1811..4335)], rps16 [complement(5426..6296)], rpoC1 [16759..17490], atpF [27255..27967], trnG-UCC [complement(30405..31121)], ycf3 [complement(42458..43202)], ycf3 [complement(43433..44131)], trnL-UAA [47101..47535], trnV-UAC [complement(50874..51446)], clpP [complement(69649..70266)], clpP [complement(70558..71311)], petB [74332..75105], petD [75950..76660], rpl2 [complement(84175..84839)], ndhB [complement(94043..94712)], trnI-GAU [101070..101844], trnA-UGC [101982..102802], ndhA [115220..116303], trnA-UGC [complement(131830..132650)], trnI-GAU [complement(132788..133562)], ndhB [139920..140589], rpl2 [149793..150457]
1731.	HEH M	54	rps12 [complement(101731..101973)], rps12 [complement(72995..73108)], atpF [complement(12750..13157)], atpF [complement(13861..14019)], rpoC1 [complement(21976..23613)], rpoC1 [complement(24376..24831)], ycf3 [complement(44799..44951)], ycf3 [complement(45710..45937)], ycf3 [complement(46666..46791)], trnL-UAA [49938..49974], trnL-UAA [50545..50549], trnV-UAC [complement(54384..54420)], trnV-UAC [complement(55000..55038)], clpP [complement(73282..73509)], clpP	atpF [complement(13158..13860)], rpoC1 [complement(23614..24375)], ycf3 [complement(44952..45709)], ycf3 [complement(45938..46665)], trnL-UAA [49975..50544], trnV-UAC [complement(54421..54999)], clpP [complement(73510..74166)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74167..74457)], clpP [complement(75303..75371)], petB [78302..78307], petB [79073..79726], rpl2 [complement(87853..88287)], rpl2 [complement(88952..89344)], ndhB [complement(98114..98869)], ndhB [complement(99549..100325)], trnI-GAU [105915..105956], trnI-GAU [106893..106927], trnA-UGC [106992..107029], trnA-UGC [107836..107870], ndhA [complement(123778..124317)], ndhA [complement(125436..125987)], trnA-UGC [complement(138334..138368)], trnA-UGC [complement(139175..139212)], trnI-GAU [complement(139277..139311)], trnI-GAU [complement(140248..140289)], ndhB [145879..146655], ndhB [147335..148090], rpl2 [156860..157252], rpl2 [157917..158351]	[complement(74458..75302)], petB [78308..79072], rpl2 [complement(88288..88951)], ndhB [complement(98870..99548)], trnI-GAU [105957..106892], trnA-UGC [107030..107835], ndhA [complement(124318..125435)], trnA-UGC [complement(138369..139174)], trnI-GAU [complement(139312..140247)], ndhB [146656..147334], rpl2 [157253..157916]
1732.	HEHO	64	rps12 [complement(88157..88185)], rps12 [complement(88726..88957)], rps12 [complement(66358..66471)], trnK-UUU [complement(1376..1410)], trnK-UUU [complement(3905..3941)], rps16 [complement(4497..4714)], rps16 [complement(5557..5596)], trnG-UCC [complement(12825..12872)], trnG-UCC [complement(13550..13572)], atpF [32095..32239], atpF [33059..33465], ycf3 [complement(41263..41423)], ycf3 [complement(42155..42380)], ycf3 [complement(43134..43259)], trnL-UAA [46030..46064], trnL-UAA [46617..46666], trnV-UAC [complement(50188..50224)], trnV-UAC [complement(50828..50866)], rps12 [125389..125620], rps12 [126161..126189], petB [70229..70234], petB [70999..71640], petD [71835..71842], petD [72585..73059], rpl16 [complement(76640..77041)], rpl16 [complement(77940..77948)], rpl2 [complement(79951..80381)], rpl2 [complement(81044..81434)], ndhB [complement(85089..85844)], ndhB [complement(86557..87333)], trnI-GAU [92720..92756], trnI-GAU [93563..93597], trnA-UGC [93663..93700], trnA-UGC [94512..94546], ndhA [complement(110350..110888)], ndhA [complement(111914..112463)], trnA-UGC [complement(119800..119834)], trnA-UGC [complement(120646..120683)], trnI-GAU [complement(120749..120783)], trnI-GAU [complement(121590..121626)], ndhB [127013..127789], ndhB [128502..129257], rpl2 [132912..133302], rpl2 [133965..134395]	trnK-UUU [complement(1411..3904)], rps16 [complement(4715..5556)], trnG-UCC [complement(12873..13549)], atpF [32240..33058], ycf3 [complement(41424..42154)], ycf3 [complement(42381..43133)], trnL-UAA [46065..46616], trnV-UAC [complement(50225..50827)], petB [70235..70998], petD [71843..72584], rpl16 [complement(77042..77939)], rpl2 [complement(80382..81043)], ndhB [complement(85845..86556)], trnI-GAU [92757..93562], trnA-UGC [93701..94511], ndhA [complement(110889..111913)], trnA-UGC [complement(119835..120645)], trnI-GAU [complement(120784..121589)], ndhB [127790..128501], rpl2 [133303..133964]
1733.	HEIT	42	rps12 [complement(97824..98066)], rps12 [complement(69744..69857)], tRNK-UUU [complement(1758..1792)], tRNK-UUU	tRNK-UUU [complement(1793..4399)], rps16 [complement(5504..6389)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(4400..4436)], trnG-UCC [complement(29962..30008)], trnG-UCC [complement(30708..30730)], trnL-UAA [47265..47299], trnL-UAA [47747..47796], trnV-UAC [complement(51774..51808)], trnV-UAC [complement(52386..52423)], rps12 [138609..138851], trnI-GAU [102000..102037], trnI-GAU [102817..102851], trnA-UGC [102916..102953], trnA-UGC [103775..103809], trnA-UGC [complement(132862..132896)], trnA-UGC [complement(133720..133757)], trnI-GAU [complement(133822..133856)], trnI-GAU [complement(134638..134675)]	[16418..17165], atpF [26818..27532], trnG-UCC [complement(30009..30707)], ycf3 [complement(42499..43238)], ycf3 [complement(43469..44177)], trnL-UAA [47300..47746], trnV-UAC [complement(51809..52385)], clpP [complement(70254..70878)], clpP [complement(71171..72012)], petB [75039..75810], petD [76649..77353], rpl16 [complement(81685..82686)], rpl2 [complement(84822..85483)], ndhB [complement(95017..95686)], trnI-GAU [102038..102816], trnA-UGC [102954..103774], ndhA [116182..117214], trnA-UGC [complement(132897..133719)], trnI-GAU [complement(133857..134637)], ndhB [140989..141658], rpl2 [151192..151853]
1734.	HELI	28	trnI-GAU [55312..55347], trnI-GAU [56239..56274], trnA-UGC [56326..56362], trnA-UGC [57135..57170], trnL-UAA [complement(73933..73982)], trnL-UAA [complement(74270..74304)], trnG-UCC [complement(107377..107423)], trnG-UCC [complement(108173..108197)], trnK-UUU [113276..113312], trnK-UUU [115737..115771], trnV-UAC [complement(123571..123608)], trnV-UAC [complement(124136..124172)]	rpl2 [5856..6497], rpl16 [8685..9510], petD [complement(14010..14654)], petB [complement(15475..16244)], ndhB [complement(48313..49036)], trnI-GAU [55348..56238], trnA-UGC [56363..57134], ndhA [67890..68632], trnL-UAA [complement(73983..74269)], ycf3 [76890..77601], ycf3 [77827..78521], rpoC1 [95231..95953], atpF [104415..105070], trnG-UCC [complement(107424..108172)], trnK-UUU [113313..115736], trnV-UAC [complement(123609..124135)]
1735.	HELJ	73	rps12 [complement(101029..101055)], rps12 [complement(101596..101826)], rps12 [complement(72730..72843)], trnK-UUU [complement(1847..1882)],	trnK-UUU [complement(1883..4353)], rps16 [complement(5715..6567)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnk-UUU [complement(4354..4389)], rps16 [complement(5500..5714)], rps16 [complement(6568..6607)], trnG-UCC [9380..9399], trnG-UCC [10069..10119], atpF [complement(12378..12788)], atpF [complement(13532..13675)], rpoC1 [complement(21653..23287)], rpoC1 [complement(24045..24476)], ycf3 [complement(45212..45364)], ycf3 [complement(46104..46331)], ycf3 [complement(47054..47179)], trnL-UAA [50185..50222], trnL-UAA [50747..50793], trnV-UAC [complement(54480..54516)], trnV-UAC [complement(55119..55157)], rps12 [complement(72730..72843)], rps12 [143812..144042], rps12 [144583..144609], clpP [complement(72999..73226)], clpP [complement(73815..74105)], clpP [complement(74935..75003)], petB [77973..77978], petB [78735..79376], petD [79566..79574], petD [80282..80758], rpl16 [complement(84240..84638)], rpl16 [complement(85724..85732)], rpl2 [complement(87396..87830)], rpl2 [complement(88513..88905)], ndhB [complement(97961..98716)], ndhB [complement(99403..100179)], trnI-GAU [105559..105600], trnI-GAU [106555..106589], trnA-UGC [106654..106691], trnA-UGC [107494..107528], ndhA [complement(123400..123939)], ndhA [complement(125071..125622)], trnA-UGC [complement(138110..138145)], trnA-UGC [complement(138948..138984)], trnI-GAU [complement(139049..139084)], trnI-GAU [complement(140044..140079)], ndhB [145459..146235], ndhB [146922..147677], rpl2 [156733..157125], rpl2 [157808..158242]	[9400..10068], atpF [complement(12789..13531)], rpoC1 [complement(23288..24044)], ycf3 [complement(45365..46103)], ycf3 [complement(46332..47053)], trnL-UAA [50223..50746], trnV-UAC [complement(54517..55118)], clpP [complement(73227..73814)], clpP [complement(74106..74934)], petB [77979..78734], petD [79575..80281], rpl16 [complement(84639..85723)], rpl2 [complement(87831..88512)], ndhB [complement(98717..99402)], trnI-GAU [105601..106554], trnA-UGC [106692..107493], ndhA [complement(123940..125070)], trnA-UGC [complement(138146..138947)], trnI-GAU [complement(139085..140043)], ndhB [146236..146921], rpl2 [157126..157807]
1736.	HELT	70	rps12 [complement(102722..102747)], rps12 [complement(103284..103515)], rps12 [complement(74225..74338)], trnK-UUU [complement(1665..1699)], trnK-UUU [complement(4261..4297)], rps16 [complement(5185..5411)], rps16 [complement(6297..6336)], atpF [complement(11985..12395)], atpF [complement(13209..13352)], rpoC1 [complement(21697..23322)], rpoC1 [complement(24105..24536)], Ycf3 [complement(44918..45070)], Ycf3 [complement(45853..46080)], Ycf3 [complement(46834..46959)], trnL-UAA [50210..50246], trnL-UAA [50824..50873], trnV-UAC [complement(54940..54976)], trnV-UAC [complement(55551..55589)], rps12 [complement(74225..74338)], rps12 [154190..154421], rps12	trnK-UUU [complement(1700..4260)], rps16 [complement(5412..6296)], atpF [complement(12396..13208)], rpoC1 [complement(23323..24104)], Ycf3 [complement(45071..45852)], Ycf3 [complement(46081..46833)], trnL-UAA [50247..50823], trnV-UAC [complement(54977..55550)], clpP [complement(74761..75418)], clpP [complement(75711..76641)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[154958..154983], clpP [complement(74533..74760)], clpP [complement(75419..75710)], clpP [complement(76642..76712)], petB [79588..79593], petB [80416..81057], petD [81267..81274], petD [82003..82477], rpl16 [complement(85974..86372)], rpl16 [complement(87271..87279)], rpl2 [complement(88983..89417)], rpl2 [complement(90116..90505)], ndhB [complement(99656..100411)], ndhB [complement(101095..101871)], trnI-GAU [107523..107564], trnI-GAU [108518..108552], trnA-UGC [108616..108653], trnA-UGC [109443..109477], ndhA [complement(133508..134047)], ndhA [complement(135186..135737)], trnA-UGC [complement(148228..148262)], trnA-UGC [complement(149052..149089)], trnI-GAU [complement(149153..149187)], trnI-GAU [complement(150141..150182)], ndhB [155834..156610], ndhB [157294..158049], rpl2 [167200..167590], rpl2 [168289..168722]	[79594..80415], petD [81275..82002], rpl16 [complement(86373..87270)], rpl2 [complement(89418..90115)], ndhB [complement(100412..101094)], trnI-GAU [107565..108517], trnA-UGC [108654..109442], ndhA [complement(134048..135185)], trnA-UGC [complement(148263..149051)], trnI-GAU [complement(149188..150140)], ndhB [156611..157293], rpl2 [167591..168288]
1737.	HELU	28	trnI-GAU [55424..55459], trnI-GAU [56351..56386], trnA-UGC [56438..56474], trnA-UGC [57247..57282], trnL-UAA [complement(74045..74094)], trnL-UAA [complement(74382..74416)], trnG-UCC [complement(107490..107536)], trnG-UCC [complement(108286..108310)], trnK-UUU [113384..113412], trnK-UUU [115843..115879], trnV-UAC [complement(123679..123715)], trnV-UAC [complement(124243..124280)]	rpl2 [5856..6497], rpl16 [8691..9516], petD [complement(14016..14660)], petB [complement(15481..16250)], ndhB [complement(48427..49149)], trnI-GAU [55460..56350], trnA-UGC [56475..57246], ndhA [67997..68739], trnL-UAA [complement(74095..74381)], ycf3 [77001..77710], ycf3 [77937..78631], rpoC1 [95343..96122], atpF [104527..105182], trnG-UCC [complement(107537..108285)], trnK-UUU [113413..115842], trnV-UAC [complement(123716..124242)]
1738.	HEM A	38	rps12 [complement(69151..69264)], trnG-UCC [complement(30365..30411)], trnG-UCC [complement(31129..31151)], trnL-UAA [47069..47105], trnL-UAA [47541..47590], trnV-UAC [complement(50842..50878)], trnV-UAC [complement(51452..51489)], clpP [complement(70273..70563)], trnI-GAU [101007..101048], trnI-GAU [101825..101859], trnA-UGC [101924..101961], trnA-UGC [102783..102817], trnA-UGC [complement(131757..131790)], trnA-UGC [complement(132612..132649)], trnI-GAU	trnK-UUU [complement(1806..4331)], rps16 [complement(5424..6299)], rpoC1 [16764..17495], atpF [27260..27972], trnG-UCC [complement(30412..31128)], ycf3 [complement(42463..43207)], ycf3 [complement(43438..44136)], trnL-UAA [47106..47540], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(132714..132748)], trnI-GAU [complement(133525..133566)]	[complement(50879..51451)], clpP [complement(69655..70272)], clpP [complement(70564..71317)], petB [74339..75112], petD [75957..76667], rpl2 [complement(84154..84818)], ndhB [complement(94022..94691)], trnI-GAU [101049..101824], trnA-UGC [101962..102782], ndhA [115178..116261], trnA-UGC [complement(131791..132611)], trnI-GAU [complement(132749..133524)], ndhB [139882..140551], rpl2 [149755..150419]
1739.	HEME	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3908..3945)], rps12 [130782..130810]	trnK-UUU [complement(1416..3907)], rps16 [complement(4709..5549)], trnG-UCC [complement(13580..14277)], atpF [35468..36298], ycf3 [complement(44606..45335)], ycf3 [complement(45564..46321)], trnL-UAA [49244..49692], trnV-UAC [complement(53409..54010)], petB [73484..74235], petD [75074..75813], rpl16 [complement(80240..81305)], rpl2 [complement(83706..84368)], ndhB [complement(90341..91044)], trnI-GAU [97361..98307], trnA-UGC [98446..99255], ndhA [complement(115231..116252)], trnA-UGC [complement(124207..125016)], trnI-GAU [complement(125155..126101)], ndhB [132418..133121], rpl2 [139094..139756]
1740.	HEMI	64	rps12 [complement(102019..102044)], rps12 [complement(102581..102812)], rps12 [complement(74607..74720)], trnK-UUU [complement(2014..2048)], trnK-UUU [complement(4648..4684)], rps16 [complement(5273..5502)], rps16	trnK-UUU [complement(2049..4647)], rps16 [complement(5503..6361)], trnG-GCC [9889..10591], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6362..6401)], trnG-GCC [9866..9888], trnG-GCC [10592..10638], atpF [complement(12617..13027)], atpF [complement(13771..13914)], rpoC1 [complement(21932..23550)], rpoC1 [complement(24319..24748)], ycf3 [complement(44713..44867)], ycf3 [complement(45623..45848)], ycf3 [complement(46592..46717)], trnL-UAA [49322..49357], trnL-UAA [49869..49917], trnV-UAC [complement(53762..53797)], trnV-UAC [complement(54377..54416)], rps18 [72539..72577], rps18 [72641..72842], rps18 [73156..73202], rps12 [complement(74607..74720)], rps12 [143256..143487], rps12 [144024..144055], petB [78453..78458], petB [79217..79858], rpl2 [complement(88138..88572)], rpl2 [complement(89245..89625)], ndhB [complement(98933..99697)], ndhB [complement(100377..101153)], trnI-GAU [106807..106843], trnI-GAU [107792..107826], trnA-UGC [107891..107928], trnA-UGC [108734..108768], ndhA [complement(123042..123580)], ndhA [complement(124688..125240)], trnA-UGC [complement(137306..137340)], trnA-UGC [complement(138146..138183)], trnI-GAU [complement(138248..138282)], trnI-GAU [complement(139231..139267)], ndhB [144921..145697], ndhB [146377..147141]	[complement(13028..13770)], rpoC1 [complement(23551..24318)], ycf3 [complement(44868..45622)], ycf3 [complement(45849..46591)], trnL-UAA [49358..49868], trnV-UAC [complement(53798..54376)], rps18 [72578..72640], rps18 [72843..73155], petB [78459..79216], rpl2 [complement(88573..89244)], ndhB [complement(99698..100376)], trnI-GAU [106844..107791], trnA-UGC [107929..108733], ndhA [complement(123581..124687)], trnA-UGC [complement(137341..138145)], trnI-GAU [complement(138283..139230)], ndhB [145698..146376]
1741.	HEM O	69	rps12 [complement(99816..99841)], rps12 [complement(100378..100609)], rps12 [complement(70343..70456)], trnK-UUU [complement(1543..1577)], trnK-UUU [complement(4066..4102)], rps16 [complement(4812..5008)], rps16 [complement(5867..5906)], trnG-UCC [8950..8972], trnG-UCC [9676..9723], atpF [complement(11594..11994)], atpF [complement(12715..12859)], rpoC1 [complement(20851..22455)], rpoC1 [complement(23220..23651)], ycf3 [complement(43094..43246)], ycf3 [complement(44022..44249)], ycf3 [complement(44967..45092)], trnL-UAA [48137..48171], trnL-UAA [48674..48723], trnV-UAC [complement(52350..52384)], trnV-UAC [complement(52953..52991)], rps12 [143412..143643], rps12 [144180..144205], clpP [complement(70604..70832)], clpP [complement(71449..71742)], clpP [complement(72580..72650)], petB [75614..75619], petB [76371..77012], petD [77195..77202], petD	trnK-UUU [complement(1578..4065)], rps16 [complement(5009..5866)], trnG-UCC [8973..9675], atpF [complement(11995..12714)], rpoC1 [complement(22456..23219)], ycf3 [complement(43247..44021)], ycf3 [complement(44250..44966)], trnL-UAA [48172..48673], trnV-UAC [complement(52385..52952)], clpP [complement(70833..71448)], clpP [complement(71743..72579)], petB [75620..76370], petD [77203..77943], rpl16 [complement(82297..83277)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77944..78418], rpl16 [complement(81898..82296)], rpl16 [complement(83278..83286)], rpl2 [complement(84971..85404)], rpl2 [complement(86056..86446)], ndhB [complement(96779..97534)], ndhB [complement(98218..98994)], trnI-GAU [104536..104572], trnI-GAU [105521..105555], trnA-UGC [105620..105657], trnA-UGC [106480..106514], ndhA [complement(123116..123654)], ndhA [complement(124715..125267)], trnA-UGC [complement(137507..137541)], trnA-UGC [complement(138364..138401)], trnI-GAU [complement(138466..138500)], trnI-GAU [complement(139449..139485)], ndhB [145027..145803], ndhB [146487..147242]	[complement(85405..86055)], ndhB [complement(97535..98217)], trnI-GAU [104573..105520], trnA-UGC [105658..106479], ndhA [complement(123655..124714)], trnA-UGC [complement(137542..138363)], trnI-GAU [complement(138501..139448)], ndhB [145804..146486]
1742.	HEMT	44	rps12 [complement(97831..97856)], rps12 [complement(98394..98625)], rps12 [complement(69348..69461)], trnK-UUU [complement(1710..1744)], trnK-UUU [complement(4302..4338)], trnG [8666..8688], trnG [9404..9452], trnL-UAA [46932..46968], trnL-UAA [47496..47545], trnV-UAC [complement(50938..50974)], trnV-UAC [complement(51579..51617)], rps12 [139314..139545], rps12 [140083..140108], trnI-GAU [102616..102657], trnI-GAU [103356..103390], trnA-UGC [103455..103492], trnA-UGC [104293..104327], trnA-UGC [complement(133612..133646)], trnA-UGC [complement(134447..134484)], trnI-GAU [complement(134549..134583)], trnI-GAU [complement(135282..135323)]	trnK-UUU [complement(1745..4301)], rps16 [complement(5268..6143)], trnG [8689..9403], atpF [complement(12002..12734)], rpoC1 [complement(21926..22716)], ycf3 [complement(42717..43523)], ycf3 [complement(43752..44467)], trnL-UAA [46969..47495], trnV-UAC [complement(50975..51578)], clpP [complement(69878..70449)], clpP [complement(70741..71623)], petB [74648..75440], petD [76288..77008], rpl16 [complement(81397..82505)], rpl2 [complement(84634..85312)], ndhB [complement(95543..96227)], trnI-GAU [102658..103355], trnA-UGC [103493..104292], ndhA [complement(120149..121213)], trnA-UGC [complement(133647..134446)], trnI-GAU [complement(134584..135281)], ndhB [141712..142396], rpl2 [152627..153305]
1743.	HENA	73	rps12 [complement(101743..101768)], rps12 [complement(102315..102546)],	trnK [complement(1888..4411)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(73315..73428)], trnK [complement(1853..1887)], trnK [complement(4412..4448)], rps16 [complement(5033..5244)], rps16 [complement(6107..6146)], trnG [9598..9620], trnG [10359..10406], atpF [complement(12640..13049)], atpF [complement(13808..13952)], rpoC1 [complement(22017..23633)], rpoC1 [complement(24364..24816)], ycf3 [complement(44833..44991)], ycf3 [complement(45719..45948)], ycf3 [complement(46698..46821)], trnL-UAA [50219..50253], trnL-UAA [50760..50809], trnC-ACA [complement(54264..54298)], trnC-ACA [complement(54895..54932)], rps12 [complement(73315..73428)], rps12 [145198..145429], rps12 [145976..146001], clpP [complement(73591..73818)], clpP [complement(74442..74733)], clpP [complement(75648..75718)], petB [78545..78550], petB [79341..79982], petD [80175..80182], petD [80934..81408], rpl16 [complement(84903..85301)], rpl16 [complement(86307..86315)], rpl2 [complement(87996..88429)], rpl2 [complement(89094..89484)], ndhB [complement(98683..99438)], ndhB [complement(100120..100896)], trnI-GAU [106513..106549], trnI-GAU [107497..107531], trnA-UGC [107596..107633], trnA-UGC [108437..108471], ndhA [complement(124648..125186)], ndhA [complement(126259..126811)], trnA-UGC [complement(139273..139307)], trnA-UGC [complement(140111..140148)], trnI-GAU [complement(140213..140247)], trnI-GAU [complement(141195..141231)], ndhB [146848..147624], ndhB [148306..149061], rpl2 [158260..158650], rpl2 [159315..159748]	[complement(5245..6106)], trnG [9621..10358], atpF [complement(13050..13807)], rpoC1 [complement(23634..24363)], ycf3 [complement(44992..45718)], ycf3 [complement(45949..46697)], trnL-UAA [50254..50759], trnC-ACA [complement(54299..54894)], clpP [complement(73819..74441)], clpP [complement(74734..75647)], petB [78551..79340], petD [80183..80933], rpl16 [complement(85302..86306)], rpl2 [complement(88430..89093)], ndhB [complement(99439..100119)], trnI-GAU [106550..107496], trnA-UGC [107634..108436], ndhA [complement(125187..126258)], trnA-UGC [complement(139308..140110)], trnI-GAU [complement(140248..141194)], ndhB [147625..148305], rpl2 [158651..159314]
1744.	HEPA	24	trnK [1835..1869], trnK [4367..4403], trnG [10090..10112], trnG [10791..10838], trnL [49102..49136], trnL [49611..49660], trnV [53578..53611], trnV [54185..54222], trnI [104433..104469], trnI [105417..105451], trnA [105516..105553], trnA [106365..106399], trnA [136038..136072], trnA [136884..136921], trnI [136986..137020], trnI [137968..138004]	trnK [1870..4366], trnG [10113..10790], trnL [49137..49610], trnV [53612..54184], trnI [104470..105416], trnA [105554..106364], trnA [136073..136883], trnI [137021..137967]
1745.	HEPR	27	rps12 [complement(71744..71857)], trnK-UUU [complement(1378..1417)], trnK-UUU [complement(3987..4023)], rps12 [143288..143313]	trnK-UUU [complement(1418..3986)], rps16 [complement(4919..5794)], trnG-GCC [9751..10443], atpF [complement(12809..13596)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(22826..23561)], ycf3 [complement(43562..44302)], ycf3 [complement(44533..45272)], trnL-UAA [48274..48783], trnV-UAC [complement(53338..53931)], clpP [complement(72240..72901)], clpP [complement(73193..74005)], petB [76977..77780], petD [78649..79361], rpl16 [complement(83698..84682)], rpl2 [complement(87006..87669)], ndhB [complement(98001..98699)], trnI-GAU [104953..105888], trnA-UGC [106026..106840], ndhA [complement(122917..124027)], trnA-UGC [complement(136791..137605)], trnI-GAU [complement(137743..138678)], ndhB [144932..145630], rpl2 [155962..156625]
1746.	HEPS	2	rps12 [complement(58695..58808)], rps12 [113129..113154]	-
1747.	HEPV	73	rps12 [complement(102850..102884)], rps12 [complement(103412..103643)], rps12 [complement(74336..74449)], trnK-UUU [complement(1664..1698)], trnK-UUU [complement(4254..4290)], rps16 [complement(5188..5414)], rps16 [complement(6307..6346)], trnG-GCC [9056..9078], trnG-GCC [9842..9889], atpF [complement(11997..12407)], atpF [complement(13221..13364)], rpoC1 [complement(21708..23333)], rpoC1 [complement(24115..24546)], ycf3 [complement(45037..45189)], ycf3 [complement(45972..46199)], ycf3 [complement(46952..47077)], trnL-UAA [50329..50365], trnL-UAA [50942..50993], trnV-UAC [complement(55066..55102)], trnV-UAC [complement(55677..55715)], rps12 [complement(74336..74449)], rps12 [145604..145835], rps12 [146372..146397], clpP [complement(74644..74871)], clpP [complement(75532..75823)], clpP [complement(76770..76840)], petB [79716..79721], petB [80545..81186], petD [81397..81404], petD [82131..82605], rpl16 [complement(86101..86499)], rpl16	trnK-UUU [complement(1699..4253)], rps16 [complement(5415..6306)], trnG-GCC [9079..9841], atpF [complement(12408..13220)], rpoC1 [complement(23334..24114)], ycf3 [complement(45190..45971)], ycf3 [complement(46200..46951)], trnL-UAA [50366..50941], trnV-UAC [complement(55103..55676)], clpP [complement(74872..75531)], clpP [complement(75824..76769)], petB [79722..80544], petD [81405..82130], rpl16 [complement(86500..87397)], rpl2 [complement(89545..90242)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87398..87406)], rpl2 [complement(89111..89544)], rpl2 [complement(90243..90633)], ndhB [complement(99784..100539)], ndhB [complement(101223..101999)], trnI-GAU [107651..107692], trnI-GAU [108646..108680], trnA-UGC [108744..108781], trnA-UGC [109571..109605], ndhA [122100..122651], ndhA [123790..124329], trnA-UGC [complement(139642..139676)], trnA-UGC [complement(140466..140503)], trnI-GAU [complement(140567..140601)], trnI-GAU [complement(141555..141596)], ndhB [147248..148024], ndhB [148708..149463], rpl2 [158614..159004], rpl2 [159703..160136]	[complement(100540..101222)], trnI-GAU [107693..108645], trnA-UGC [108782..109570], ndhA [122652..123789], trnA-UGC [complement(139677..140465)], trnI-GAU [complement(140602..141554)], ndhB [148025..148707], rpl2 [159005..159702]
1748.	HERI	66	rps12 [complement(99171..99196)], rps12 [complement(99717..99948)], rps12 [complement(71656..71769)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4231..4267)], rps16 [complement(5124..5350)], rps16 [complement(6183..6222)], trnG-GCC [9760..9782], trnG-GCC [10478..10524], atpF [complement(12569..12978)], atpF [complement(13713..13857)], rpoC1 [complement(21753..23369)], rpoC1 [complement(24100..24552)], ycf3 [complement(44588..44740)], ycf3 [complement(45479..45708)], ycf3 [complement(46425..46548)], trnL-UAA [49335..49369], trnL-UAA [49850..49899], trnV-UAC [complement(53830..53864)], trnV-UAC [complement(54448..54485)], rps12 [141443..141674], rps12 [142195..142220], clpP [complement(71947..72175)], clpP [complement(72784..73074)], clpP [complement(73866..73936)], petB [76793..76798], petB [77566..78207], petD [78401..78408], petD [79114..79609], rpl16 [complement(83028..83423)], rpl16 [complement(84458..84466)], ndhB [complement(96115..96870)], ndhB [complement(97550..98326)], trnI-GAU [103546..103600], trnI-GAU [104546..104580], trnA-UGC [104645..104682], trnA-UGC [105517..105551], ndhA [complement(121198..121736)], ndhA [complement(122820..123372)], trnA-UGC [complement(135840..135874)], trnA-UGC [complement(136709..136746)], trnI-GAU [complement(136811..136845)], trnI-GAU [complement(137791..137827)], ndhB [143065..143841], ndhB [144521..145276]	trnK-UUU [complement(1750..4230)], rps16 [complement(5351..6182)], trnG-GCC [9783..10477], atpF [complement(12979..13712)], rpoC1 [complement(23370..24099)], ycf3 [complement(44741..45478)], ycf3 [complement(45709..46424)], trnL-UAA [49370..49849], trnV-UAC [complement(53865..54447)], clpP [complement(72176..72783)], clpP [complement(73075..73865)], petB [76799..77565], petD [78409..79113], rpl16 [complement(83424..84457)], ndhB [complement(96871..97549)], trnI-GAU [103601..104545], trnA-UGC [104683..105516], ndhA [complement(121737..122819)], trnA-UGC [complement(135875..136708)], trnI-GAU [complement(136846..137790)], ndhB [143842..144520]
1749.	HEST	38	rps12 [complement(69135..69248)], trnG-UCC [complement(30357..30403)],	trnK-UUU [complement(1806..4329)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [complement(31121..31143)], trnL-UAA [47063..47099], trnL-UAA [47535..47584], trnV-UAC [complement(50836..50872)], trnV-UAC [complement(51446..51483)], clpP [complement(70257..70547)], trnI-GAU [101008..101049], trnI-GAU [101825..101859], trnA-UGC [101924..101961], trnA-UGC [102783..102817], trnA-UGC [complement(131795..131828)], trnA-UGC [complement(132650..132687)], trnI-GAU [complement(132752..132786)], trnI-GAU [complement(133562..133603)]	[complement(5421..6296)], rpoC1 [16758..17489], atpF [27254..27966], trnG-UCC [complement(30404..31120)], ycf3 [complement(42458..43202)], ycf3 [complement(43433..44131)], trnL-UAA [47100..47534], trnV-UAC [complement(50873..51445)], clpP [complement(69639..70256)], clpP [complement(70548..71301)], petB [74322..75095], petD [75940..76650], rpl2 [complement(84155..84819)], ndhB [complement(94023..94692)], trnI-GAU [101050..101824], trnA-UGC [101962..102782], ndhA [115200..116302], trnA-UGC [complement(131829..132649)], trnI-GAU [complement(132787..133561)], ndhB [139919..140588], rpl2 [149792..150456]
1750.	HESY	45	rps12 [complement(98117..98142)], rps12 [complement(98680..98911)], rps12 [complement(69617..69730)], trnK-UUU [complement(1743..1777)], trnK-UUU [complement(4336..4372)], trnG [8695..8717], trnG [9433..9481], atpF [complement(11615..12025)], trnL-UAA [46986..47020], trnL-UAA [47550..47599], trnV-UAC [complement(51219..51253)], trnV-UAC [complement(51860..51898)], rps12 [139822..140053], rps12 [140591..140616], trnI-GAU [102900..102936], trnI-GAU [103640..103674], trnA-UGC [103739..103776], trnA-UGC [104577..104611], trnA-UGC [complement(134122..134156)], trnA-UGC [complement(134957..134994)], trnI-GAU [complement(135059..135093)], trnI-GAU [complement(135792..135833)]	trnK-UUU [complement(1778..4335)], rps16 [complement(5303..6178)], trnG [8718..9432], atpF [complement(12026..12758)], rpoC1 [complement(21950..22741)], ycf3 [complement(42741..43578)], ycf3 [complement(43807..44522)], trnL-UAA [47021..47549], trnV-UAC [complement(51254..51859)], clpP [complement(70141..70719)], clpP [complement(71012..71891)], petB [74918..75710], petD [76558..77278], rpl16 [complement(81668..82791)], rpl2 [complement(84920..85598)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(95829..96513)], trnI-GAU [102937..103639], trnA-UGC [103777..104576], ndhA [complement(120414..121487)], trnA-UGC [complement(134157..134956)], trnI-GAU [complement(135094..135791)], ndhB [142220..142904], rpl2 [153132..153813]
1751.	HETB	72	rps12 [complement(99917..99942)], rps12 [complement(100484..100715)], rps12 [complement(71092..71205)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(4074..4110)], rps16 [complement(4853..5068)], rps16 [complement(5841..5882)], trnG-UCC [9010..9032], trnG-UCC [9713..9760], atpF [complement(11694..12103)], atpF [complement(12929..13073)], rpoC1 [complement(20637..22262)], rpoC1 [complement(22991..23425)], ycf3 [complement(42473..42631)], ycf3 [complement(43383..43610)], ycf3 [complement(44356..44481)], trnL-UAA [47427..47461], trnL-UAA [48006..48055], trnV-UAC [complement(52377..52413)], trnV-UAC [complement(53010..53048)], rps12 [142644..142875], rps12 [143417..143442], clpP [complement(71346..71597)], clpP [complement(72323..72613)], clpP [complement(73410..73478)], petB [76417..76422], petB [77212..77859], petD [78061..78066], petD [78822..79304], rpl16 [complement(82799..83200)], rpl16 [complement(84281..84289)], rpl2 [complement(86215..86646)], rpl2 [complement(87311..87700)], ndhB [complement(96846..97601)], ndhB [complement(98292..99068)], trnI-GAU [104741..104777], trnI-GAU [105718..105752], trnA-UGC [105817..105854], trnA-UGC [106659..106693], ndhA [complement(121962..122492)], ndhA [complement(123605..124156)], trnA-UGC [complement(136666..136700)], trnA-UGC [complement(137505..137542)], trnI-GAU [complement(137607..137641)], trnI-GAU [complement(138577..138618)], ndhB [144291..145067], ndhB [145758..146513], rpl2 [155659..156048], rpl2 [156731..157144]	trnK-UUU [complement(1418..4073)], rps16 [complement(5069..5840)], trnG-UCC [9033..9712], atpF [complement(12104..12928)], rpoC1 [complement(22263..22990)], ycf3 [complement(42632..43382)], ycf3 [complement(43611..44355)], trnL-UAA [47462..48005], trnV-UAC [complement(52414..53009)], clpP [complement(71598..72322)], clpP [complement(72614..73409)], petB [76423..77211], petD [78067..78821], rpl16 [complement(83201..84280)], rpl2 [complement(86647..87310)], ndhB [complement(97602..98291)], trnI-GAU [104778..105717], trnA-UGC [105855..106658], ndhA [complement(122493..123604)], trnA-UGC [complement(136701..137504)], trnI-GAU [complement(137642..138576)], ndhB [145068..145757], rpl2 [156049..156730]
1752.	HETH	23	rps12 [142386..142411]	trnK-UUU [complement(1747..4234)], rps16 [complement(4961..5813)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[8210..8926], atpF [complement(11375..12139)], rpoC1 [complement(21961..22731)], ycf3 [complement(43088..43848)], ycf3 [complement(44078..44804)], trnL-UAA [47925..48406], trnV-UAC [complement(52553..53137)], clpP [complement(70717..71391)], clpP [complement(71681..72517)], petB [75500..76155], petD [77010..77729], rpl16 [complement(82180..83206)], rpl2 [complement(85406..86064)], ndhB [complement(96001..96700)], trnI-GAU [103133..104082], trnA-UGC [104220..105018], ndhA [complement(121661..122670)], trnA-UGC [complement(135722..136520)], trnI-GAU [complement(136658..137607)], ndhB [144040..144739]
1753.	HETR	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3900..3937)], rps12 [130136..130164]	trnK-UUU [complement(1416..3899)], rps16 [complement(4710..5553)], trnG-UCC [complement(13518..14215)], atpF [34857..35687], ycf3 [complement(44016..44750)], ycf3 [complement(44979..45737)], trnL-UAA [48410..48854], trnV-UAC [complement(52610..53211)], petB [72809..73559], petD [74398..75173], rpl16 [complement(79622..80674)], rpl2 [complement(83083..83745)], ndhB [complement(89719..90422)], trnI-GAU [96712..97657], trnA-UGC [97796..98605],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(114607..115634)], trnA-UGC [complement(123589..124398)], trnI-GAU [complement(124537..125482)], ndhB [131772..132475], rpl2 [138449..139111]
1754.	HETU	38	rps12 [complement(69148..69261)], trnG-UCC [complement(30359..30405)], trnG-UCC [complement(31123..31145)], trnL-UAA [47066..47102], trnL-UAA [47538..47587], trnV-UAC [complement(50839..50875)], trnV-UAC [complement(51449..51486)], clpP [complement(70270..70560)], trnI-GAU [101031..101072], trnI-GAU [101848..101882], trnA-UGC [101947..101984], trnA-UGC [102806..102840], trnA-UGC [complement(131798..131831)], trnA-UGC [complement(132653..132690)], trnI-GAU [complement(132755..132789)], trnI-GAU [complement(133565..133606)]	trnK-UUU [complement(1809..4335)], rps16 [complement(5426..6298)], rpoC1 [16760..17491], atpF [27256..27968], trnG-UCC [complement(30406..31122)], ycf3 [complement(42459..43203)], ycf3 [complement(43434..44132)], trnL-UAA [47103..47537], trnV-UAC [complement(50876..51448)], clpP [complement(69652..70269)], clpP [complement(70561..71314)], petB [74335..75108], petD [75953..76663], rpl2 [complement(84178..84842)], ndhB [complement(94046..94715)], trnI-GAU [101073..101847], trnA-UGC [101985..102805], ndhA [115223..116306], trnA-UGC [complement(131832..132652)], trnI-GAU [complement(132790..133564)], ndhB [139922..140591], rpl2 [149795..150459]
1755.	HEUN	26	trnK-UUU [complement(1399..1438)], trnK-UUU [complement(4028..4064)], rps12 [142799..142824]	trnK-UUU [complement(1439..4027)], rps16 [complement(4957..5845)], trnG-GCC [9676..10373], atpF [complement(12742..13528)], rpoC1 [complement(22750..23498)], ycf3 [complement(43630..44372)], ycf3 [complement(44603..45339)], trnL-UAA [48367..48876], trnV-UAC [complement(52817..53410)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(71893..72553)], clpP [complement(72845..73648)], petB [76614..77418], petD [78287..79016], rpl16 [complement(83327..84301)], rpl2 [complement(86605..87268)], ndhB [complement(97590..98288)], trnI-GAU [104539..105474], trnA-UGC [105612..106426], ndhA [complement(122473..123568)], trnA-UGC [complement(136310..137124)], trnI-GAU [complement(137262..138197)], ndhB [144448..145146], rpl2 [155468..156131]
1756.	HEVI	66	rps12 [complement(99169..99194)], rps12 [complement(99715..99946)], rps12 [complement(71665..71778)], trnK-UUU [complement(1719..1753)], trnK-UUU [complement(4235..4271)], rps16 [complement(5126..5352)], rps16 [complement(6183..6222)], trnG-GCC [9755..9777], trnG-GCC [10473..10519], atpF [complement(12564..12973)], atpF [complement(13708..13852)], rpoC1 [complement(21749..23365)], rpoC1 [complement(24097..24549)], ycf3 [complement(44588..44740)], ycf3 [complement(45479..45708)], ycf3 [complement(46425..46548)], trnL-UAA [49336..49370], trnL-UAA [49851..49900], trnV-UAC [complement(53822..53856)], trnV-UAC [complement(54440..54477)], rps12 [141474..141705], rps12 [142226..142251], clpP [complement(71956..72184)], clpP [complement(72796..73086)], clpP [complement(73878..73948)], petB [76799..76804], petB [77572..78213], petD [78407..78414], petD [79120..79615], rpl16 [complement(83034..83429)], rpl16 [complement(84464..84472)], ndhB [complement(96113..96868)], ndhB [complement(97548..98324)], trnI-GAU [103562..103598], trnI-GAU [104544..104578], trnA-UGC [104643..104680], trnA-UGC [105515..105549], ndhA [complement(121234..121772)], ndhA [complement(122858..123410)], trnA-UGC [complement(135871..135905)], trnA-UGC [complement(136740..136777)], trnI-GAU [complement(136842..136876)],	trnK-UUU [complement(1754..4234)], rps16 [complement(5353..6182)], trnG-GCC [9778..10472], atpF [complement(12974..13707)], rpoC1 [complement(23366..24096)], ycf3 [complement(44741..45478)], ycf3 [complement(45709..46424)], trnL-UAA [49371..49850], trnV-UAC [complement(53857..54439)], clpP [complement(72185..72795)], clpP [complement(73087..73877)], petB [76805..77571], petD [78415..79119], rpl16 [complement(83430..84463)], ndhB [complement(96869..97547)], trnI-GAU [103599..104543], trnA-UGC [104681..105514], ndhA [complement(121773..122857)], trnA-UGC [complement(135906..136739)], trnI-GAU [complement(136877..137821)], ndhB [143873..144551]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137822..137858)], ndhB [143096..143872], ndhB [144552..145307]	
1757.	HEW H	27	rps12 [complement(71965..72078)], trnK-UUU [complement(1394..1433)], trnK-UUU [complement(4018..4054)], rps12 [143466..143491]	trnK-UUU [complement(1434..4017)], rps16 [complement(4946..5796)], trnG-GCC [9794..10495], atpF [complement(12862..13651)], rpoC1 [complement(22849..23591)], ycf3 [complement(43700..44440)], ycf3 [complement(44671..45408)], trnL-UAA [48410..48923], trnV-UAC [complement(53469..54062)], clpP [complement(72461..73124)], clpP [complement(73416..74222)], petB [77190..77995], petD [78864..79576], rpl16 [complement(83902..84881)], rpl2 [complement(87200..87863)], ndhB [complement(98195..98893)], trnI-GAU [105151..106086], trnA-UGC [106224..107038], ndhA [complement(123110..124208)], trnA-UGC [complement(136965..137779)], trnI-GAU [complement(137917..138852)], ndhB [145110..145808], rpl2 [156140..156803]
1758.	HEYU	2	-	trnK [complement(2192..4706)], trnI [complement(139036..139985)]
1759.	HIBA	62	rps12 [complement(91599..91631)], rps12 [complement(92170..92403)], rps12 [complement(69607..69720)], trnK-UUU [complement(1366..1398)], trnK-UUU [complement(3900..3937)], rps16 [complement(4495..4706)], rps16 [complement(5553..5592)], trnG-UCC [complement(13120..13167)], trnG-UCC [complement(13846..13868)], atpF [34694..34852], atpF [35681..36088], ycf3 [complement(43848..44006)], ycf3 [complement(44730..44957)], ycf3 [complement(45690..45821)], trnL-UAA [48560..48594], trnL-UAA	trnK-UUU [complement(1399..3899)], rps16 [complement(4707..5552)], trnG-UCC [complement(13168..13845)], atpF [34853..35680], ycf3 [complement(44007..44729)], ycf3 [complement(44958..45689)], trnL-UAA [48595..49133], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49134..49183], trnV-UAC [complement(52813..52849)], trnV-UAC [complement(53446..53484)], petB [73459..73464], petB [74285..74932], petD [75121..75128], petD [75878..76352], rpl16 [complement(79941..80342)], rpl16 [complement(81426..81434)], rpl2 [complement(83364..83795)], rpl2 [complement(84459..84860)], ndhB [complement(88530..89285)], ndhB [complement(89998..90774)], trnI-GAU [96227..96268], trnI-GAU [97217..97251], trnA-UGC [97317..97354], trnA-UGC [98166..98200], ndhA [complement(114270..114809)], ndhA [complement(115836..116384)], trnA-UGC [complement(123747..123781)], trnA-UGC [complement(124593..124630)], trnI-GAU [complement(124696..124730)], trnI-GAU [complement(125679..125720)], ndhB [131173..131949], ndhB [132662..133417], rpl2 [137087..137488], rpl2 [138152..138583]	[complement(52850..53445)], petB [73465..74284], petD [75129..75877], rpl16 [complement(80343..81425)], rpl2 [complement(83796..84458)], ndhB [complement(89286..89997)], trnI-GAU [96269..97216], trnA-UGC [97355..98165], ndhA [complement(114810..115835)], trnA-UGC [complement(123782..124592)], trnI-GAU [complement(124731..125678)], ndhB [131950..132661], rpl2 [137489..138151]
1760.	HICE	64	rps12 [complement(88725..88753)], rps12 [complement(89294..89525)], rps12 [complement(67203..67316)], trnK-UUU [complement(1383..1415)], trnK-UUU [complement(3913..3950)], rps16 [complement(4500..4717)], rps16 [complement(5539..5578)], trnG-UCC [complement(12859..12906)], trnG-UCC [complement(13588..13610)], atpF [33346..33504], atpF [34328..34735], ycf3 [complement(42530..42688)], ycf3 [complement(43430..43657)], ycf3 [complement(44391..44516)], trnL-UAA [46918..46952], trnL-UAA [47506..47555], trnV-UAC [complement(51096..51142)], trnV-UAC [complement(51731..51769)], rps12 [125538..125769], rps12 [126310..126338], petB [71015..71020], petB [71807..72454], petD [72654..72661], petD [73417..73891], rpl16 [complement(77423..77824)], rpl16 [complement(78846..78854)], rpl2 [complement(80805..81236)], rpl2 [complement(81897..82289)], ndhB [complement(85652..86408)], ndhB [complement(87121..87896)], trnI-GAU [93388..93429], trnI-GAU [94140..94174], trnA-UGC [94240..94277], trnA-UGC [95091..95125], ndhA [complement(110455..110994)], ndhA [complement(112012..112560)], trnA-UGC [complement(119938..119972)], trnA-UGC [complement(120786..120823)], trnI-GAU [complement(120889..120923)], trnI-GAU [complement(121634..121675)], ndhB [127167..127942], ndhB [128655..129411], rpl2 [132774..133166], rpl2 [133827..134258]	trnK-UUU [complement(1416..3912)], rps16 [complement(4718..5538)], trnG-UCC [complement(12907..13587)], atpF [33505..34327], ycf3 [complement(42689..43429)], ycf3 [complement(43658..44390)], trnL-UAA [46953..47505], trnV-UAC [complement(51143..51730)], petB [71021..71806], petD [72662..73416], rpl16 [complement(77825..78845)], rpl2 [complement(81237..81896)], ndhB [complement(86409..87120)], trnI-GAU [93430..94139], trnA-UGC [94278..95090], ndhA [complement(110995..112011)], trnA-UGC [complement(119973..120785)], trnI-GAU [complement(120924..121633)], ndhB [127943..128654], rpl2 [133167..133826]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1761.	HICO	3	rps12 [complement(91938..91973)], rps12 [complement(92512..92742)], rps12 [complement(69860..69973)]	-
1762.	HIER	27	rps12 [complement(96272..96514)], rps12 [complement(67891..68004)], trnK-UUU [complement(1364..1393)], trnK-UUU [complement(3654..3690)], ycf3 [complement(41947..42176)], rps12 [136692..136934]	trnK-UUU [complement(1394..3653)], rps16 [complement(4725..5632)], rpoC1 [15907..16648], atpF [26348..27055], ycf3 [complement(41208..41946)], ycf3 [complement(42177..42867)], trnL-UAA [45988..46425], trnV-UAC [complement(49974..50545)], clpP [complement(68434..69049)], clpP [complement(69341..70154)], petB [73168..73959], petD [74798..75525], rpl2 [complement(83045..83715)], ndhB [complement(93453..94126)], trnI-GAU [100477..101255], trnA-UGC [101393..102212], ndhA [114481..115544], trnA-UGC [complement(130994..131813)], trnI-GAU [complement(131951..132729)], ndhB [139080..139753], rpl2 [149492..150162]
1763.	HIGA	69	rps12 [complement(97099..97124)], rps12 [complement(97661..97892)], rps12 [complement(68535..68648)], trnK-UUU [complement(1405..1439)], trnK-UUU [complement(3925..3961)], trnG-GCC [8356..8378], trnG-GCC [9076..9123], atpF [complement(11254..11664)], atpF [complement(12428..12571)], rpoC1 [complement(20229..21830)], rpoC1 [complement(22563..22997)], ycf3 [complement(41721..41873)], ycf3 [complement(42571..42798)], ycf3 [complement(43534..43659)], trnL-UAA [46999..47035], trnL-UAA [47515..47564], trnV-UAC [complement(50908..50944)], trnV-UAC [complement(51533..51571)], rps12 [140395..140626], rps12 [141163..141188], clpP [complement(68823..69050)], clpP [complement(69635..69923)], clpP [complement(70777..70847)], petB [73743..73748], petB [74537..75178], petD [75385..75392], petD	trnK-UUU [complement(1440..3924)], trnG-GCC [8379..9075], atpF [complement(11665..12427)], rpoC1 [complement(21831..22562)], ycf3 [complement(41874..42570)], ycf3 [complement(42799..43533)], trnL-UAA [47036..47514], trnV-UAC [complement(50945..51532)], clpP [complement(69051..69634)], clpP [complement(69924..70776)], petB [73749..74536], petD [75393..76109], rpl16 [complement(80341..81365)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76110..76584], rpl16 [complement(79942..80340)], rpl16 [complement(81366..81374)], rpl2 [complement(83423..83857)], rpl2 [complement(84523..84912)], ndhB [complement(94042..94797)], ndhB [complement(95479..96255)], trnI-GAU [101673..101714], trnI-GAU [102662..102696], trnA-UGC [102762..102799], trnA-UGC [103602..103636], ndhA [complement(119836..120375)], ndhA [complement(121652..122203)], trnA-UGC [complement(134651..134685)], trnA-UGC [complement(135488..135525)], trnI-GAU [complement(135591..135625)], trnI-GAU [complement(136573..136614)], ndhB [142032..142808], ndhB [143490..144245], rpl2 [153375..153764], rpl2 [154430..154864]	[complement(83858..84522)], ndhB [complement(94798..95478)], trnI-GAU [101715..102661], trnA-UGC [102800..103601], ndhA [complement(120376..121651)], trnA-UGC [complement(134686..135487)], trnI-GAU [complement(135626..136572)], ndhB [142809..143489], rpl2 [153765..154429]
1764.	HIGY	3	rps12 [complement(92025..92060)], rps12 [complement(92599..92829)], rps12 [complement(69954..70067)]	-
1765.	HILO	1	rps12 [152240..152265]	-
1766.	HIMA	61	rps12 [complement(90772..90800)], rps12 [complement(91341..91572)], rps12 [complement(68637..68750)], trnK-UUU [complement(1366..1398)], trnK-UUU [complement(3924..3964)], rps16 [complement(4495..4712)], rps16 [complement(5558..5597)], trnG-UCC [complement(13188..13235)], trnG-UCC [complement(13909..13931)], atpF [34293..34436], atpF [35284..35691], ycf3 [complement(43449..43607)], ycf3 [complement(44328..44557)], ycf3 [complement(45294..45417)], trnL-UAA [47934..47968], trnL-UAA [48508..48557], trnV-UAC [complement(52115..52151)], trnV-UAC [complement(52748..52786)], rps12 [128630..128861], rps12 [129402..129430], petB [72495..72500], petB [73323..73964], petD [74153..74160], petD [74911..75385], rpl16 [complement(78977..79378)], rpl16 [complement(80478..80486)], rpl2 [complement(82510..82941)], rpl2 [complement(83602..83994)], ndhB [complement(87699..88454)], ndhB [complement(89167..89943)], trnI-GAU [95397..95438], trnI-GAU [96387..96421], trnA-UGC [96485..96522], trnA-UGC [97335..97369], ndhA [complement(113362..113901)], ndhA [complement(114919..115476)], trnA-UGC [complement(122834..122868)], trnA-UGC [complement(123680..123717)], ndhB [130259..131035], ndhB [131748..132503], rpl2 [136208..136600], rpl2 [137264..137692]	trnK-UUU [complement(1399..3923)], rps16 [complement(4713..5557)], trnG-UCC [complement(13236..13908)], atpF [34437..35283], ycf3 [complement(43608..44327)], ycf3 [complement(44558..45293)], trnL-UAA [47969..48507], trnV-UAC [complement(52152..52747)], petB [72501..73322], petD [74161..74910], rpl16 [complement(79379..80477)], rpl2 [complement(82942..83601)], ndhB [complement(88455..89166)], trnI-GAU [95439..96386], trnA-UGC [96523..97334], ndhA [complement(113902..114918)], trnA-UGC [complement(122869..123679)], ndhB [131036..131747], rpl2 [136601..137263]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1767.	HIMC	56	<p>rps12 [complement(103360..103385)], rps12 [complement(103922..104153)], rps12 [complement(74074..74187)], trnK-UUU [complement(1861..1895)], trnK-UUU [complement(4448..4484)], trnG-GCC [8197..8219], trnG-GCC [8946..8991], atpF [complement(11626..12036)], atpF [complement(12828..12971)], rpoC1 [complement(21221..22831)], rpoC1 [complement(23619..24050)], ycf3 [complement(45339..45491)], ycf3 [complement(46197..46424)], ycf3 [complement(47156..47281)], trnL-UAA [49571..49607], trnL-UAA [50181..50229], trnV-UAC [complement(54323..54359)], trnV-UAC [complement(54967..55005)], rps12 [complement(74074..74187)], rps12 [148030..148261], rps12 [148798..148823], clpP [complement(74375..74600)], clpP [complement(75223..75515)], clpP [complement(76401..76469)], petB [79471..79476], petB [80310..80951], petD [81145..81152], petD [81946..82420], rpl16 [complement(86185..86583)], rpl16 [complement(87677..87685)], rpl2 [complement(89579..90013)], rpl2 [complement(90689..91087)], ndhB [complement(100300..101055)], ndhB [complement(101744..102520)], trnI-GAU [108150..108191], trnI-GAU [109138..109172], trnA-UGC [109237..109274], trnA-UGC [110083..110117], ndhA [complement(127059..127598)], ndhA [complement(128795..129364)], trnA-UGC [complement(142066..142100)], trnA-UGC [complement(142909..142946)], trnI-GAU [complement(143011..143045)], trnI-GAU [complement(143992..144033)], ndhB [149663..150439], ndhB [151128..151883], rpl2 [161096..161494], rpl2 [162170..162604]</p>	<p>trnG-GCC [8220..8945], trnL-UAA [49608..50180], trnV-UAC [complement(54360..54966)], clpP [complement(74601..75222)], clpP [complement(75516..76400)], trnI-GAU [108192..109137], trnI-GAU [complement(143046..143991)], rpl2 [161495..162169]</p>
1768.	HIOD	64	<p>rps12 [complement(89469..89497)], rps12 [complement(90038..90269)], rps12 [complement(67491..67604)], trnK-UUU [complement(1379..1413)], trnK-UUU [complement(3881..3917)], rps16 [complement(4469..4686)], rps16 [complement(5520..5559)], trnG-UCC [complement(12876..12923)], trnG-UCC [complement(13605..13627)], atpF [32615..32759], atpF [33596..34002], ycf3 [complement(41767..41927)], ycf3 [complement(42660..42885)], ycf3 [complement(43625..43750)], trnL [46511..46545], trnL [47083..47132], trnV-UAC [complement(50743..50779)], trnV-UAC [complement(51376..51414)], rps12 [126772..127003], rps12 [127544..127572], petB [71387..71392], petB</p>	<p>trnK-UUU [complement(1414..3880)], rps16 [complement(4687..5519)], trnG-UCC [complement(12924..13604)], atpF [32760..33595], ycf3 [complement(41928..42659)], ycf3 [complement(42886..43624)], trnL [46546..47082], trnV-UAC [complement(50780..51375)], petB [71393..72152], petD [72990..73734], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72153..72794], petD [72982..72989], petD [73735..74209], rpl16 [complement(77773..78174)], rpl16 [complement(79222..79230)], rpl2 [complement(81229..81659)], rpl2 [complement(82323..82713)], ndhB [complement(86401..87156)], ndhB [complement(87869..88645)], trnI-GAU [94117..94153], trnI-GAU [94959..94993], trnA-UGC [95059..95096], trnA-UGC [95908..95942], ndhA [complement(111656..112194)], ndhA [complement(113202..113751)], trnA-UGC [complement(121099..121133)], trnA-UGC [complement(121945..121982)], trnI-GAU [complement(122048..122082)], trnI-GAU [complement(122888..122924)], ndhB [128396..129172], ndhB [129885..130640], rpl2 [134328..134718], rpl2 [135382..135812]	[complement(78175..79221)], rpl2 [complement(81660..82322)], ndhB [complement(87157..87868)], trnI-GAU [94154..94958], trnA-UGC [95097..95907], ndhA [complement(112195..113201)], trnA-UGC [complement(121134..121944)], trnI-GAU [complement(122083..122887)], ndhB [129173..129884], rpl2 [134719..135381]
1769.	HIPA	62	rps12 [complement(91184..91212)], rps12 [complement(91753..91984)], rps12 [complement(68226..68339)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3902..3939)], rps16 [complement(4487..4704)], rps16 [complement(5549..5588)], trnG-UCC [complement(13348..13395)], trnG-UCC [complement(14088..14110)], atpF [34257..34415], atpF [35232..35639], ycf3 [complement(43421..43573)], ycf3 [complement(44323..44550)], ycf3 [complement(45269..45400)], trnL-UAA [48025..48059], trnL-UAA [48596..48645], trnV-UAC [complement(52214..52250)], trnV-UAC [complement(52849..52887)], petB [72099..72104], petB [72857..73504], petD [73687..73694], petD [74424..74898], rpl16 [complement(78417..78818)], rpl16 [complement(79843..79851)], rpl2 [complement(81818..82249)], rpl2 [complement(82913..83302)], ndhB [complement(88111..88866)], ndhB [complement(89579..90355)], trnI-GAU [95808..95849], trnI-GAU [96795..96829], trnA-UGC [96895..96932], trnA-UGC [97743..97777], ndhA [complement(113113..113652)], ndhA [complement(114686..115234)], trnA-UGC [complement(122610..122644)], trnA-UGC [complement(123455..123492)], trnI-GAU [complement(123558..123592)], trnI-GAU [complement(124538..124579)], ndhB [130032..130808], ndhB [131521..132276], rpl2 [137085..137474], rpl2 [138138..138569]	trnK-UUU [complement(1415..3901)], rps16 [complement(4705..5548)], trnG-UCC [complement(13396..14087)], atpF [34416..35231], ycf3 [complement(43574..44322)], ycf3 [complement(44551..45268)], trnL-UAA [48060..48595], trnV-UAC [complement(52251..52848)], petB [72105..72856], petD [73695..74423], rpl16 [complement(78819..79842)], rpl2 [complement(82250..82912)], ndhB [complement(88867..89578)], trnI-GAU [95850..96794], trnA-UGC [96933..97742], ndhA [complement(113653..114685)], trnA-UGC [complement(122645..123454)], trnI-GAU [complement(123593..124537)], ndhB [130809..131520], rpl2 [137475..138137]
1770.	HIPH	70	rps12 [complement(103357..103382)], rps12 [complement(103919..104150)], rps12 [complement(74101..74214)], trnK-UUU [complement(1862..1896)],	trnK-UUU [complement(1897..4448)], trnG-UCC [8223..8947], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4449..4485)], trnG-GCC [8200..8222], trnG-GCC [8948..8993], atpF [complement(11650..12060)], atpF [complement(12851..12994)], rpoC1 [complement(21228..22838)], rpoC1 [complement(23626..24057)], ycf3 [complement(45341..45493)], ycf3 [complement(46202..46429)], ycf3 [complement(47161..47286)], trnL-UAA [49575..49611], trnL-UAA [50185..50234], trnV-UAC [complement(54326..54362)], trnV-UAC [complement(54970..55008)], rps12 [complement(74101..74214)], rps12 [148064..148295], rps12 [148832..148857], clpP [complement(74402..74627)], clpP [complement(75250..75542)], clpP [complement(76412..76480)], petB [79481..79486], petB [80320..80961], petD [81155..81162], petD [81956..82430], rpl16 [complement(86199..86597)], rpl16 [complement(87691..87699)], rpl2 [complement(89576..90010)], rpl2 [complement(90686..91084)], ndhB [complement(100297..101052)], ndhB [complement(101741..102517)], trnI-GAU [108148..108189], trnI-GAU [109136..109170], trnA-UGC [109235..109272], trnA-UGC [110081..110115], ndhA [complement(127080..127619)], ndhA [complement(128817..129386)], trnA-UGC [complement(142099..142133)], trnA-UGC [complement(142942..142979)], trnI-GAU [complement(143044..143078)], trnI-GAU [complement(144025..144066)], ndhB [149697..150473], ndhB [151162..151917], rpl2 [161130..161528], rpl2 [162204..162638]	[complement(12061..12850)], rpoC1 [complement(22839..23625)], ycf3 [complement(45494..46201)], ycf3 [complement(46430..47160)], trnL-UAA [49612..50184], trnV-UAC [complement(54363..54969)], clpP [complement(74628..75249)], clpP [complement(75543..76411)], petB [79487..80319], petD [81163..81955], rpl16 [complement(86598..87690)], rpl2 [complement(90011..90685)], ndhB [complement(101053..101740)], trnI-GAU [108190..109135], trnA-UGC [109273..110080], ndhA [complement(127620..128816)], trnA-UGC [complement(142134..142941)], trnI-GAU [complement(143079..144024)], ndhB [150474..151161], rpl2 [161529..162203]
1771.	HIRA	70	rps12 [complement(103343..103368)], rps12 [complement(103905..104136)], rps12 [complement(74069..74182)], trnK-UUU [complement(1876..1910)], trnK-UUU [complement(4463..4499)], trnG-GCC [8219..8241], trnG-GCC [8967..9012], atpF [complement(11654..12064)], atpF [complement(12855..12998)], rpoC1 [complement(21255..22865)], rpoC1 [complement(23653..24084)], ycf3 [complement(45340..45492)], ycf3 [complement(46201..46428)], ycf3 [complement(47160..47285)], trnL-UAA [49573..49609], trnL-UAA [50183..50232], trnV-UAC [complement(54305..54341)], trnV-UAC [complement(54949..54987)], rps12 [complement(74069..74182)], rps12 [148000..148231], rps12 [148768..148793], clpP [complement(74370..74595)], clpP	trnK-UUU [complement(1911..4462)], trnG-GCC [8242..8966], atpF [complement(12065..12854)], rpoC1 [complement(22866..23652)], ycf3 [complement(45493..46200)], ycf3 [complement(46429..47159)], trnL-UAA [49610..50182], trnV-UAC [complement(54342..54948)], clpP [complement(74596..75217)], clpP [complement(75511..76395)], petB [79471..80303], petD [81147..81939], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75218..75510)], clpP [complement(76396..76464)], petB [79465..79470], petB [80304..80945], petD [81139..81146], petD [81940..82414], rpl16 [complement(86185..86583)], rpl16 [complement(87677..87685)], rpl2 [complement(89562..89996)], rpl2 [complement(90672..91070)], ndhB [complement(100283..101038)], ndhB [complement(101727..102503)], trnI-GAU [108133..108174], trnI-GAU [109121..109155], trnA-UGC [109220..109257], trnA-UGC [110066..110100], ndhA [complement(127045..127584)], ndhA [complement(128781..129350)], trnA-UGC [complement(142036..142070)], trnA-UGC [complement(142879..142916)], trnI-GAU [complement(142981..143015)], trnI-GAU [complement(143962..144003)], ndhB [149633..150409], ndhB [151098..151853], rpl2 [161066..161464], rpl2 [162140..162574]	[complement(86584..87676)], rpl2 [complement(89997..90671)], ndhB [complement(101039..101726)], trnI-GAU [108175..109120], trnA-UGC [109258..110065], ndhA [complement(127585..128780)], trnA-UGC [complement(142071..142878)], trnI-GAU [complement(143016..143961)], ndhB [150410..151097], rpl2 [161465..162139]
1772.	HIRH	69	rps12 [complement(98050..98075)], rps12 [complement(98612..98843)], rps12 [complement(69461..69574)], trnK-UUU [complement(1408..1442)], trnK-UUU [complement(3940..3976)], trnG-GCC [8679..8701], trnG-GCC [9400..9447], atpF [complement(11547..11957)], atpF [complement(12719..12862)], rpoC1 [complement(20625..22226)], rpoC1 [complement(22960..23394)], ycf3 [complement(42204..42356)], ycf3 [complement(43055..43282)], ycf3 [complement(44016..44141)], trnL-UAA [47532..47568], trnL-UAA [48045..48094], trnV-UAC [complement(51416..51452)], trnV-UAC [complement(52043..52081)], rps12 [141275..141506], rps12 [142043..142068], clpP [complement(69749..69976)], clpP [complement(70570..70858)], clpP [complement(71718..71788)], petB [74662..74667], petB [75456..76097], petD [76305..76312], petD [77031..77505], rpl16 [complement(80905..81303)], rpl16 [complement(82323..82331)], rpl2 [complement(84373..84807)], rpl2 [complement(85473..85862)], ndhB [complement(94993..95748)], ndhB [complement(96430..97206)], trnI-GAU [102623..102664], trnI-GAU [103611..103645], trnA-UGC [103711..103748], trnA-UGC [104551..104585], ndhA [complement(120749..121288)], ndhA [complement(122547..123098)], trnA-UGC [complement(135533..135567)], trnA-UGC [complement(136370..136407)], trnI-GAU [complement(136473..136507)],	trnK-UUU [complement(1443..3939)], trnG-GCC [8702..9399], atpF [complement(11958..12718)], rpoC1 [complement(22227..22959)], ycf3 [complement(42357..43054)], ycf3 [complement(43283..44015)], trnL-UAA [47569..48044], trnV-UAC [complement(51453..52042)], clpP [complement(69977..70569)], clpP [complement(70859..71717)], petB [74668..75455], petD [76313..77030], rpl16 [complement(81304..82322)], rpl2 [complement(84808..85472)], ndhB [complement(95749..96429)], trnI-GAU [102665..103610], trnA-UGC [103749..104550], ndhA [complement(121289..122546)], trnA-UGC [complement(135568..136369)], trnI-GAU [complement(136508..137453)], ndhB [143689..144369], rpl2 [154646..155310]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137454..137495)], ndhB [142912..143688], ndhB [144370..145125], rpl2 [154256..154645], rpl2 [155311..155745]	
1773.	HIRI	64	rps12 [complement(89063..89091)], rps12 [complement(89632..89863)], rps12 [complement(67515..67628)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3911..3948)], rps16 [complement(4501..4718)], rps16 [complement(5565..5604)], trnG-UCC [complement(12934..12981)], trnG-UCC [complement(13663..13685)], atpF [33549..33707], atpF [34531..34938], ycf3 [complement(42764..42922)], ycf3 [complement(43651..43878)], ycf3 [complement(44608..44739)], trnL-UAA [47140..47174], trnL-UAA [47723..47772], trnV-UAC [complement(51322..51358)], trnV-UAC [complement(51957..51995)], rps12 [126037..126268], rps12 [126809..126837], petB [71349..71354], petB [72148..72795], petD [72994..73001], petD [73756..74230], rpl16 [complement(77762..78163)], rpl16 [complement(79210..79218)], rpl2 [complement(81143..81574)], rpl2 [complement(82238..82627)], ndhB [complement(85990..86745)], ndhB [complement(87458..88234)], trnI [93698..93739], trnI [94448..94482], trnA-UGC [94548..94585], trnA-UGC [95396..95430], ndhA [complement(110959..111498)], ndhA [complement(112522..113070)], trnA-UGC [complement(120470..120504)], trnA-UGC [complement(121315..121352)], trnI [complement(121418..121452)], trnI [complement(122161..122202)], ndhB [127666..128442], ndhB [129155..129910], rpl2 [133268..133657], rpl2 [134321..134752]	trnK-UUU [complement(1421..3910)], rps16 [complement(4719..5564)], trnG-UCC [complement(12982..13662)], atpF [33708..34530], ycf3 [complement(42923..43650)], ycf3 [complement(43879..44607)], trnL-UAA [47175..47722], trnV-UAC [complement(51359..51956)], petB [71355..72147], petD [73002..73755], rpl16 [complement(78164..79209)], rpl2 [complement(81575..82237)], ndhB [complement(86746..87457)], trnI [93740..94447], trnA-UGC [94586..95395], ndhA [complement(111499..112521)], trnA-UGC [complement(120505..121314)], trnI [complement(121453..122160)], ndhB [128443..129154], rpl2 [133658..134320]
1774.	HIRO	73	rps12 [complement(103294..103319)], rps12 [complement(103856..104087)], rps12 [complement(74267..74380)], trnK-UUU [complement(1937..1971)], trnK-UUU [complement(4559..4595)], rps16 [complement(5549..5775)], rps16 [complement(6680..6719)], trnG-UCC [9440..9462], trnG-UCC [10270..10317], atpF [complement(12361..12770)], atpF [complement(13569..13713)], rpoC1 [complement(22117..23742)], rpoC1 [complement(24528..24959)], ycf3 [complement(45319..45471)], ycf3 [complement(46236..46465)], ycf3 [complement(47293..47416)], trnL-UAA [50132..50165], trnL-UAA [50729..50778], trnV-UAC [complement(55061..55095)], trnV-UAC [complement(55706..55743)], rps12	trnK-UUU [complement(1972..4558)], rps16 [complement(5776..6679)], trnG-UCC [9463..10269], atpF [complement(12771..13568)], rpoC1 [complement(23743..24527)], ycf3 [complement(45472..46235)], ycf3 [complement(46466..47292)], trnL-UAA [50166..50728], trnV-UAC [complement(55096..55705)], clpP [complement(74788..75466)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74267..74380)], rps12 [146374..146605], rps12 [147142..147167], clpP [complement(74560..74787)], clpP [complement(75467..75758)], clpP [complement(76660..76730)], petB [79666..79671], petB [80539..81180], petD [81406..81413], petD [82151..82625], rpl16 [complement(86136..86534)], rpl16 [complement(87711..87719)], rpl2 [complement(89577..90010)], rpl2 [complement(90709..91099)], ndhB [complement(100234..100989)], ndhB [complement(101673..102449)], trnI-GAU [108094..108130], trnI-GAU [109087..109121], trnA-UGC [109185..109222], trnA-UGC [110016..110050], ndhA [complement(125579..126117)], ndhA [complement(127250..127802)], trnA-UGC [complement(140411..140445)], trnA-UGC [complement(141239..141276)], trnI-GAU [complement(141340..141374)], trnI-GAU [complement(142326..142367)], ndhB [148012..148788], ndhB [149472..150227], rpl2 [159362..159752], rpl2 [160451..160884]	[complement(75759..76659)], petB [79672..80538], petD [81414..82150], rpl16 [complement(86535..87710)], rpl2 [complement(90011..90708)], ndhB [complement(100990..101672)], trnI-GAU [108131..109086], trnA-UGC [109223..110015], ndhA [complement(126118..127249)], trnA-UGC [complement(140446..141238)], trnI-GAU [complement(141375..142325)], ndhB [148789..149471], rpl2 [159753..160450]
1775.	HISU	56	rps12 [complement(103201..103226)], rps12 [complement(103763..103994)], rps12 [complement(73931..74044)], trnK-UUU [complement(1869..1903)], trnK-UUU [complement(4458..4494)], trnG-GCC [8209..8231], trnG-GCC [8957..9002], atpF [complement(11629..12039)], atpF [complement(12830..12973)], rpoC1 [complement(21194..22804)], rpoC1 [complement(23592..24023)], ycf3 [complement(45306..45458)], ycf3 [complement(46175..46402)], ycf3 [complement(47134..47259)], trnL-UAA [49546..49582], trnL-UAA [50158..50206], trnV-UAC [complement(54290..54326)], trnV-UAC [complement(54934..54972)], rps12 [complement(73931..74044)], rps12 [147763..147994], rps12 [148531..148556], clpP [complement(74232..74457)], clpP [complement(75080..75372)], clpP [complement(76257..76325)], petB [79325..79330], petB [80165..80806], petD [81000..81007], petD [81801..82275], rpl16 [complement(86043..86441)], rpl16 [complement(87535..87543)], rpl2 [complement(89420..89854)], rpl2 [complement(90530..90928)], ndhB [complement(100141..100896)], ndhB [complement(101585..102361)], trnI-GAU [107991..108032], trnI-GAU [108979..109013], trnA-UGC [109078..109115], trnA-UGC [109924..109958],	trnG-GCC [8232..8956], trnL-UAA [49583..50157], trnV-UAC [complement(54327..54933)], clpP [complement(74458..75079)], clpP [complement(75373..76256)], trnI-GAU [108033..108978], trnI-GAU [complement(142779..143724)], rpl2 [161228..161902]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(126792..127331)], ndhA [complement(128528..129097)], trnA-UGC [complement(141799..141833)], trnA-UGC [complement(142642..142679)], trnI-GAU [complement(142744..142778)], trnI-GAU [complement(143725..143766)], ndhB [149396..150172], ndhB [150861..151616], rpl2 [160829..161227], rpl2 [161903..162337]	
1776.	HISY	49	rps12 [complement(103709..103951)], rps12 [complement(74561..74674)], trnK-UUU [complement(1871..1905)], trnK-UUU [complement(4485..4521)], rps16 [complement(5448..5674)], rps16 [complement(6557..6596)], atpF [complement(12400..12810)], atpF [complement(13598..13756)], rpoC1 [complement(22157..23791)], rpoC1 [complement(24587..25021)], ycf3 [complement(45487..45639)], ycf3 [complement(46432..46659)], ycf3 [complement(47452..47577)], trnL-UAA [50572..50608], trnL-UAA [51187..51236], trnV-UAC [complement(55382..55418)], trnV-UAC [complement(56014..56051)], rps12 [146767..147009], clpP [complement(74855..75083)], clpP [complement(75763..76056)], clpP [complement(76993..77060)], petB [79965..79970], petB [80839..81492], petD [81722..81729], petD [82466..82940], rpl16 [complement(86451..86852)], rpl16 [complement(88012..88020)], ndhA [122513..123065], ndhA [124197..124735], ndhB [148405..149181], ndhB [149865..150620], rpl2 [159384..159773], rpl2 [160472..160906]	trnK-UUU [complement(1906..4484)], rps16 [complement(5675..6556)], atpF [complement(12811..13597)], rpoC1 [complement(23792..24586)], ycf3 [complement(45640..46431)], ycf3 [complement(46660..47451)], trnL-UAA [50609..51186], trnV-UAC [complement(55419..56013)], clpP [complement(75084..75762)], clpP [complement(76057..76992)], petB [79971..80838], petD [81730..82465], rpl16 [complement(86853..88011)], ndhA [123066..124196], ndhB [149182..149864], rpl2 [159774..160471]
1777.	HIZA	56	rps12 [complement(103035..103060)], rps12 [complement(103597..103828)], rps12 [complement(73944..74057)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4421..4457)], trnG-GCC [8318..8340], trnG-GCC [9073..9118], atpF [complement(11825..12235)], atpF [complement(13037..13180)], rpoC1 [complement(21388..22998)], rpoC1 [complement(23795..24226)], ycf3 [complement(45379..45531)], ycf3 [complement(46238..46465)], ycf3 [complement(47196..47321)], trnL-UAA [49584..49620], trnL-UAA [50178..50226], trnV-UAC [complement(54401..54437)], trnV-UAC [complement(55045..55083)], rps12 [complement(73944..74057)], rps12 [147477..147708], rps12 [148245..148270], clpP [complement(74222..74447)], clpP [complement(75084..75376)], clpP [complement(76215..76283)], petB	trnG-GCC [8341..9072], trnL-UAA [49621..50177], trnV-UAC [complement(54438..55044)], clpP [complement(74448..75083)], clpP [complement(75377..76214)], trnI-GAU [107866..108812], trnI-GAU [complement(142493..143439)], rpl2 [160932..161606]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79267..79272], petB [80120..80761], petD [80956..80963], petD [81737..82211], rpl16 [complement(85958..86356)], rpl16 [complement(87403..87411)], rpl2 [complement(89264..89698)], rpl2 [complement(90374..90772)], ndhB [complement(99975..100730)], ndhB [complement(101419..102195)], trnI-GAU [107824..107865], trnI-GAU [108813..108847], trnA-UGC [108912..108949], trnA-UGC [109758..109792], ndhA [complement(126498..127037)], ndhA [complement(128229..128798)], trnA-UGC [complement(141513..141547)], trnA-UGC [complement(142356..142393)], trnI-GAU [complement(142458..142492)], trnI-GAU [complement(143440..143481)], ndhB [149110..149886], ndhB [150575..151330], rpl2 [160533..160931], rpl2 [161607..162041]	
1778.	HOA M	63	rps12 [complement(98506..98531)], rps12 [complement(99079..99310)], rps12 [complement(68907..69020)], trnK-UUU [complement(1400..1425)], trnK-UUU [complement(4394..4430)], rps16 [complement(4905..5149)], rps16 [complement(6034..6073)], trnG-GCC [9718..9740], trnG-GCC [10434..10480], atpF [complement(12414..12824)], atpF [complement(13808..13951)], rpoC1 [complement(21319..22935)], rpoC1 [complement(23679..24113)], ycf3 [complement(43880..44032)], ycf3 [complement(44785..45014)], ycf3 [complement(45742..45865)], trnL-UAA [48428..48462], trnL-UAA [49187..49236], trnV-UAC [complement(50373..50407)], trnV-UAC [complement(50997..51035)], rps12 [133015..133246], rps12 [133794..133819], clpP [complement(69154..69405)], clpP [complement(70079..70369)], clpP [complement(71388..71456)], petB [74899..74904], petB [75634..76275], petD [76462..76469], petD [77303..77786], rpl16 [complement(81335..81733)], rpl16 [complement(83037..83045)], rpl2 [complement(84990..85421)], rpl2 [complement(86083..86469)], trnI-GAU [103302..103343], trnI-GAU [104274..104308], trnA-UGC [104372..104409], trnA-UGC [105212..105246], trnA-UGC [complement(127079..127113)], trnA-UGC [complement(127916..127953)], trnI-GAU [complement(128017..128051)], trnI-GAU [complement(128982..129023)], rpl2 [145856..146242], rpl2 [146904..147335]	trnK-UUU [complement(1426..4393)], rps16 [complement(5150..6033)], trnG-GCC [9741..10433], atpF [complement(12825..13807)], rpoC1 [complement(22936..23678)], ycf3 [complement(44033..44784)], ycf3 [complement(45015..45741)], trnL-UAA [48463..49186], trnV-UAC [complement(50408..50996)], clpP [complement(69406..70078)], clpP [complement(70370..71387)], petB [74905..75633], petD [76470..77302], rpl16 [complement(81734..83036)], rpl2 [complement(85422..86082)], trnI-GAU [103344..104273], trnA-UGC [104410..105211], trnA-UGC [complement(127114..127915)], trnI-GAU [complement(128052..128981)], rpl2 [146243..146903]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1779.	HOAT	62	rps12 [complement(90659..90687)], rps12 [complement(91223..91454)], rps12 [complement(67763..67876)], trnK-UUU [complement(1384..1416)], trnK-UUU [complement(3904..3941)], rps16 [complement(4495..4712)], rps16 [complement(5563..5602)], trnG-UCC [complement(13174..13221)], trnG-UCC [complement(13906..13928)], atpF [34043..34201], atpF [35009..35416], ycf3 [complement(43235..43387)], ycf3 [complement(44122..44349)], ycf3 [complement(45090..45221)], trnL-UAA [47842..47876], trnL-UAA [48421..48470], trnV-UAC [complement(51988..52024)], trnV-UAC [complement(52616..52654)], petB [71630..71635], petB [72377..73024], petD [73207..73214], petD [73967..74441], rpl16 [complement(77991..78392)], rpl16 [complement(79327..79335)], rpl2 [complement(81302..81733)], rpl2 [complement(82397..82786)], ndhB [complement(87592..88341)], ndhB [complement(89054..89830)], trnI-GAU [95287..95328], trnI-GAU [96275..96309], trnA-UGC [96375..96412], trnA-UGC [97223..97257], ndhA [complement(112676..113215)], ndhA [complement(114241..114789)], trnA-UGC [complement(122226..122260)], trnA-UGC [complement(123071..123108)], trnI-GAU [complement(123174..123208)], trnI-GAU [complement(124155..124196)], ndhB [129653..130429], ndhB [131142..131891], rpl2 [136697..137086], rpl2 [137750..138181]	trnK-UUU [complement(1417..3903)], rps16 [complement(4713..5562)], trnG-UCC [complement(13222..13905)], atpF [34202..35008], ycf3 [complement(43388..44121)], ycf3 [complement(44350..45089)], trnL-UAA [47877..48420], trnV-UAC [complement(52025..52615)], petB [71636..72376], petD [73215..73966], rpl16 [complement(78393..79326)], rpl2 [complement(81734..82396)], ndhB [complement(88342..89053)], trnI-GAU [95329..96274], trnA-UGC [96413..97222], ndhA [complement(113216..114240)], trnA-UGC [complement(122261..123070)], trnI-GAU [complement(123209..124154)], ndhB [130430..131141], rpl2 [137087..137749]
1780.	HOBO	38	rps12 [complement(67955..68068)], trnK-UUU [complement(1365..1397)], trnK-UUU [complement(3895..3932)], trnG-GCC [complement(12805..12852)], trnG-GCC [complement(13533..13556)], trnL-UAA [46915..46949], trnL-UAA [47514..47563], trnV-UAC [complement(51123..51159)], trnV-UAC [complement(51756..51794)], rpl16 [complement(79683..79691)], trnI-GAU [94411..94452], trnI-GAU [95254..95288], trnA-UGC [95354..95391], trnA-UGC [96203..96237], trnA-UGC [complement(121779..121813)], trnA-UGC [complement(122625..122662)], trnI-GAU [complement(122728..122762)], trnI-GAU [complement(123564..123605)]	trnK-UUU [complement(1398..3894)], rps16 [complement(4711..5503)], trnG-GCC [complement(12853..13532)], atpF [33263..34083], ycf3 [complement(42485..43209)], ycf3 [complement(43438..44190)], trnL-UAA [46950..47513], trnV-UAC [complement(51160..51755)], petB [71810..72555], petD [73392..74134], rpl16 [complement(78598..79682)], rpl2 [complement(82070..82729)], ndhB [complement(87459..88170)], trnI-GAU [94453..95253], trnA-UGC [95392..96202],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(112831..113856)], trnA-UGC [complement(121814..122624)], trnI-GAU [complement(122763..123563)], ndhB [129846..130557], rpl2 [135287..135946]
1781.	HOFL	63	rps12 [complement(97543..97568)], rps12 [complement(98116..98347)], rps12 [complement(68258..68371)], trnK-UUU [complement(1390..1415)], trnK-UUU [complement(4414..4450)], rps16 [complement(4938..5167)], rps16 [complement(6054..6093)], trnG-GCC [9311..9333], trnG-GCC [10027..10073], atpF [complement(12016..12426)], atpF [complement(13407..13550)], rpoC1 [complement(20914..22530)], rpoC1 [complement(23277..23711)], ycf3 [complement(43325..43477)], ycf3 [complement(44224..44453)], ycf3 [complement(45182..45305)], trnL-UAA [47889..47923], trnL-UAA [48638..48687], trnV-UAC [complement(49843..49877)], trnV-UAC [complement(50460..50498)], rps12 [131805..132036], rps12 [132584..132609], clpP [complement(68505..68756)], clpP [complement(69430..69720)], clpP [complement(70578..70646)], petB [74078..74083], petB [74823..75464], petD [75651..75657], petD [76482..76966], rpl16 [complement(80504..80902)], rpl16 [complement(82079..82087)], rpl2 [complement(84059..84490)], rpl2 [complement(85152..85538)], trnI-GAU [102347..102388], trnI-GAU [103320..103354], trnA-UGC [103418..103455], trnA-UGC [104262..104296], trnA-UGC [complement(125856..125890)], trnA-UGC [complement(126697..126734)], trnI-GAU [complement(126798..126832)], trnI-GAU [complement(127764..127805)], rpl2 [144614..145000], rpl2 [145662..146093]	trnK-UUU [complement(1416..4413)], rps16 [complement(5168..6053)], trnG-GCC [9334..10026], atpF [complement(12427..13406)], rpoC1 [complement(22531..23276)], ycf3 [complement(43478..44223)], ycf3 [complement(44454..45181)], trnL-UAA [47924..48637], trnV-UAC [complement(49878..50459)], clpP [complement(68757..69429)], clpP [complement(69721..70577)], petB [74084..74822], petD [75658..76481], rpl16 [complement(80903..82078)], rpl2 [complement(84491..85151)], trnI-GAU [102389..103319], trnA-UGC [103456..104261], trnA-UGC [complement(125891..126696)], trnI-GAU [complement(126833..127763)], rpl2 [145001..145661]
1782.	HOH A	56	rps12 [complement(97686..97943)], rps12 [complement(71625..71738)], trnK-UUU [complement(1758..1786)], trnK-UUU [complement(4318..4354)], rps16 [complement(5053..5249)], rps16 [complement(6176..6215)], rpoC1 [complement(20489..22099)], rpoC1 [complement(22881..23312)], ycf3 [complement(43206..43358)], ycf3 [complement(44080..44307)], ycf3 [complement(45049..45174)], trnL-UAA [48498..48534], trnL-UAA [49063..49112], trnV-UAC [complement(53081..53117)], trnV-UAC	trnK-UUU [complement(1787..4317)], rps16 [complement(5250..6175)], rpoC1 [complement(22100..22880)], ycf3 [complement(43359..44079)], ycf3 [complement(44308..45048)], trnL-UAA [48535..49062], trnV-UAC [complement(53118..53706)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53707..53744)], rps12 [138272..138529], petB [76184..76189], petB [76973..77626], petD [77861..77868], petD [78544..79027], rpl2 [complement(84564..84998)], rpl2 [complement(85670..86062)], ndhB [complement(94632..95387)], ndhB [complement(96070..96840)], trnI-GAU [101493..101534], trnI-GAU [102482..102516], trnA-UGC [102584..102621], trnA-UGC [103416..103450], ndhA [115809..116360], ndhA [117441..117971], trnA-UGC [complement(132765..132799)], trnA-UGC [complement(133594..133631)], trnI-GAU [complement(133699..133742)], trnI-GAU [complement(134686..134722)], ndhB [139375..140145], ndhB [140828..141583], rpl2 [150153..150543], rpl2 [151218..151651]	[76190..76972], petD [77869..78543], rpl2 [complement(84999..85669)], ndhB [complement(95388..96069)], trnI-GAU [101535..102481], trnA-UGC [102622..103415], ndhA [116361..117440], trnA-UGC [complement(132800..133593)], trnI-GAU [complement(133743..134685)], ndhB [140146..140827], rpl2 [150544..151217]
1783.	HOIS	64	rps12 [complement(90875..90903)], rps12 [complement(91439..91670)], rps12 [complement(67985..68098)], trnK-UUU [complement(1384..1416)], trnK-UUU [complement(3905..3942)], rps16 [complement(4496..4713)], rps16 [complement(5564..5603)], trnG-UCC [complement(13166..13213)], trnG-UCC [complement(13898..13920)], atpF [34057..34215], atpF [35023..35430], ycf3 [complement(43249..43401)], ycf3 [complement(44136..44363)], ycf3 [complement(45104..45235)], trnL-UAA [47856..47890], trnL-UAA [48435..48484], trnV-UAC [complement(51990..52026)], trnV-UAC [complement(52618..52656)], rps12 [128147..128378], rps12 [128914..128942], petB [71852..71857], petB [72598..73245], petD [73428..73435], petD [74188..74662], rpl16 [complement(78206..78607)], rpl16 [complement(79543..79551)], rpl2 [complement(81518..81949)], rpl2 [complement(82613..83002)], ndhB [complement(87808..88557)], ndhB [complement(89270..90046)], trnI-GAU [95503..95544], trnI-GAU [96491..96525], trnA-UGC [96591..96628], trnA-UGC [97439..97473], ndhA [complement(112840..113379)], ndhA [complement(114405..114953)], trnA-UGC [complement(122344..122378)], trnA-UGC [complement(123189..123226)], trnI-GAU [complement(123292..123326)], trnI-GAU [complement(124273..124314)], ndhB [129771..130547], ndhB [131260..132009], rpl2 [136815..137204], rpl2 [137868..138299]	trnK-UUU [complement(1417..3904)], rps16 [complement(4714..5563)], trnG-UCC [complement(13214..13897)], atpF [34216..35022], ycf3 [complement(43402..44135)], ycf3 [complement(44364..45103)], trnL-UAA [47891..48434], trnV-UAC [complement(52027..52617)], petB [71858..72597], petD [73436..74187], rpl16 [complement(78608..79542)], rpl2 [complement(81950..82612)], ndhB [complement(88558..89269)], trnI-GAU [95545..96490], trnA-UGC [96629..97438], ndhA [complement(113380..114404)], trnA-UGC [complement(122379..123188)], trnI-GAU [complement(123327..124272)], ndhB [130548..131259], rpl2 [137205..137867]
1784.	HOJU	64	rps12 [complement(89625..89653)], rps12 [complement(90194..90425)], rps12 [complement(67799..67912)], trnK-UUU [complement(1365..1397)],	trnK-UUU [complement(1398..3894)], rps16 [complement(4708..5500)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3895..3932)], rps16 [complement(4490..4707)], rps16 [complement(5501..5540)], trnG-UCC [complement(12841..12888)], trnG-UCC [complement(13568..13591)], atpF [33066..33209], atpF [34044..34451], ycf3 [complement(42255..42413)], ycf3 [complement(43146..43373)], ycf3 [complement(44133..44258)], trnL-UAA [46848..46882], trnL-UAA [47447..47496], trnV-UAC [complement(51083..51119)], trnV-UAC [complement(51716..51754)], rps12 [127303..127534], rps12 [128075..128103], petB [71648..71653], petB [72306..73004], petD [73191..73198], petD [73948..74422], rpl16 [complement(78024..78428)], rpl16 [complement(79494..79502)], rpl2 [complement(81492..81923)], rpl2 [complement(82587..82976)], ndhB [complement(86557..87312)], ndhB [complement(88025..88801)], trnI-GAU [94265..94306], trnI-GAU [95108..95142], trnA-UGC [95208..95245], trnA-UGC [96057..96091], ndhA [complement(112108..112647)], ndhA [complement(113673..114221)], trnA-UGC [complement(121637..121671)], trnA-UGC [complement(122483..122520)], trnI-GAU [complement(122586..122620)], trnI-GAU [complement(123422..123463)], ndhB [128927..129703], ndhB [130416..131171], rpl2 [134752..135141], rpl2 [135805..136236]	[complement(12889..13567)], atpF [33210..34043], ycf3 [complement(42414..43145)], ycf3 [complement(43374..44132)], trnL-UAA [46883..47446], trnV-UAC [complement(51120..51715)], petB [71654..72305], petD [73199..73947], rpl16 [complement(78429..79493)], rpl2 [complement(81924..82586)], ndhB [complement(87313..88024)], trnI-GAU [94307..95107], trnA-UGC [95246..96056], ndhA [complement(112648..113672)], trnA-UGC [complement(121672..122482)], trnI-GAU [complement(122621..123421)], ndhB [129704..130415], rpl2 [135142..135804]
1785.	HOLA	64	rps12 [complement(88967..88995)], rps12 [complement(89536..89767)], rps12 [complement(67080..67193)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3894..3930)], rps16 [complement(4494..4711)], rps16 [complement(5546..5585)], trnG-UCC [complement(12842..12889)], trnG-UCC [complement(13566..13588)], atpF [32534..32678], atpF [33495..33901], ycf3 [complement(41719..41879)], ycf3 [complement(42601..42826)], ycf3 [complement(43576..43701)], trnL [46471..46505], trnL [47044..47093], trnV-UAC [complement(50569..50605)], trnV-UAC [complement(51209..51247)], rps12 [126096..126327], rps12 [126868..126896], petB [70973..70978], petB [71731..72372], petD [72566..72573], petD [73311..73785], rpl16 [complement(77379..77780)], rpl16 [complement(78721..78729)], rpl2 [complement(80774..81204)], rpl2 [complement(81868..82258)], ndhB [complement(85899..86654)], ndhB [complement(87367..88143)], trnI-GAU [93542..93578], trnI-GAU [94385..94419], trnA-UGC [94485..94522], trnA-	trnK-UUU [complement(1418..3893)], rps16 [complement(4712..5545)], trnG-UCC [complement(12890..13565)], atpF [32679..33494], ycf3 [complement(41880..42600)], ycf3 [complement(42827..43575)], trnL [46506..47043], trnV-UAC [complement(50606..51208)], petB [70979..71730], petD [72574..73310], rpl16 [complement(77781..78720)], rpl2 [complement(81205..81867)], ndhB [complement(86655..87366)], trnI-GAU [93579..94384], trnA-UGC [94523..95333], ndhA [complement(111633..112652)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [95334..95368], ndhA [complement(111094..111632)], ndhA [complement(112653..113202)], trnA-UGC [complement(120495..120529)], trnA-UGC [complement(121341..121378)], trnI-GAU [complement(121444..121478)], trnI-GAU [complement(122285..122321)], ndhB [127720..128496], ndhB [129209..129964], rpl2 [133605..133995], rpl2 [134659..135089]	UGC [complement(120530..121340)], trnI-GAU [complement(121479..122284)], ndhB [128497..129208], rpl2 [133996..134658]
1786.	HOLI	63	rps12 [complement(97938..97963)], rps12 [complement(98511..98742)], rps12 [complement(68738..68851)], trnK-UUU [complement(1397..1422)], trnK-UUU [complement(4412..4448)], rps16 [complement(4924..5168)], rps16 [complement(6052..6091)], trnG-GCC [9609..9631], trnG-GCC [10326..10372], atpF [complement(12316..12726)], atpF [complement(13708..13851)], rpoC1 [complement(21224..22840)], rpoC1 [complement(23585..24019)], ycf3 [complement(42355..42507)], ycf3 [complement(43254..43483)], ycf3 [complement(44211..44334)], trnL-UAA [46926..46960], trnL-UAA [47678..47727], trnV-UAC [complement(50323..50357)], trnV-UAC [complement(50940..50978)], rps12 [131497..131728], rps12 [132276..132301], clpP [complement(68985..69236)], clpP [complement(69911..70201)], clpP [complement(71096..71164)], petB [74479..74484], petB [75224..75865], petD [76052..76059], petD [76902..77385], rpl16 [complement(80925..81323)], rpl16 [complement(82493..82501)], rpl2 [complement(84472..84903)], rpl2 [complement(85565..85951)], trnI-GAU [102742..102783], trnI-GAU [103715..103749], trnA-UGC [103813..103850], trnA-UGC [104653..104687], trnA-UGC [complement(125552..125586)], trnA-UGC [complement(126389..126426)], trnI-GAU [complement(126490..126524)], trnI-GAU [complement(127456..127497)], rpl2 [144288..144674], rpl2 [145336..145767]	trnK-UUU [complement(1423..4411)], rps16 [complement(5169..6051)], trnG-GCC [9632..10325], atpF [complement(12727..13707)], rpoC1 [complement(22841..23584)], ycf3 [complement(42508..43253)], ycf3 [complement(43484..44210)], trnL-UAA [46961..47677], trnV-UAC [complement(50358..50939)], clpP [complement(69237..69910)], clpP [complement(70202..71095)], petB [74485..75223], petD [76060..76901], rpl16 [complement(81324..82492)], rpl2 [complement(84904..85564)], trnI-GAU [102784..103714], trnA-UGC [103851..104652], trnA-UGC [complement(125587..126388)], trnI-GAU [complement(126525..127455)], rpl2 [144675..145335]
1787.	HOLN	73	rps12 [complement(106094..106119)], rps12 [complement(106687..106918)], rps12 [complement(78381..78494)], trnK-UUU [complement(1918..1952)], trnK-UUU [complement(4470..4506)], rps16 [complement(5294..5520)], rps16 [complement(6353..6392)], trnG-UCC [9567..9589], trnG-UCC [10267..10303], atpF [complement(12208..12617)], atpF	trnK-UUU [complement(1953..4469)], rps16 [complement(5521..6352)], trnG-UCC [9590..10266], atpF [complement(12618..13334)], rpoC1 [complement(27905..28658)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13335..13479)], rpoC1 [complement(26300..27904)], rpoC1 [complement(28659..29111)], ycf3 [complement(49515..49667)], ycf3 [complement(50473..50702)], ycf3 [complement(51454..51577)], trnL-UAA [54506..54542], trnL-UAA [55083..55132], trnV-UAC [complement(59309..59345)], trnV-UAC [complement(59934..59985)], rps12 [complement(78381..78494)], rps12 [149364..149595], rps12 [150163..150188], clpP [complement(78728..78955)], clpP [complement(79674..79965)], clpP [complement(80781..80851)], petB [83792..83797], petB [84550..85191], petD [85380..85387], petD [86125..86599], rpl16 [complement(90146..90544)], rpl16 [complement(91673..91681)], rpl2 [complement(93362..93795)], rpl2 [complement(94435..94825)], ndhB [complement(103081..103836)], ndhB [complement(104419..105297)], trnI-GAU [110739..110780], trnI-GAU [111724..111758], trnA-UGC [111822..111859], trnA-UGC [112677..112711], ndhA [complement(128380..128924)], ndhA [complement(130024..130576)], trnA-UGC [complement(143571..143605)], trnA-UGC [complement(144423..144460)], trnI-GAU [complement(144524..144558)], trnI-GAU [complement(145502..145543)], ndhB [150985..151761], ndhB [152446..153201], rpl2 [161457..161847], rpl2 [162487..162920]	[complement(49668..50472)], ycf3 [complement(50703..51453)], trnL-UAA [54543..55082], trnV-UAC [complement(59346..59933)], clpP [complement(78956..79673)], clpP [complement(79966..80780)], petB [83798..84549], petD [85388..86124], rpl16 [complement(90545..91672)], rpl2 [complement(93796..94434)], ndhB [complement(103837..104418)], trnI-GAU [110781..111723], trnA-UGC [111860..112676], ndhA [complement(128925..130023)], trnA-UGC [complement(143606..144422)], trnI-GAU [complement(144559..145501)], ndhB [151762..152445], rpl2 [161848..162486]
1788.	HOLT	73	rps12 [complement(100070..100095)], rps12 [complement(100638..100869)], rps12 [complement(71875..71988)], trnK-UUU [complement(1951..1985)], trnK-UUU [complement(4466..4502)], rps16 [complement(5460..5686)], rps16 [complement(6561..6600)], trnG-UCC [9370..9392], trnG-UCC [10105..10152], atpF [complement(12112..12521)], atpF [complement(13271..13415)], rpoC1 [complement(20996..22609)], rpoC1 [complement(23382..23834)], ycf3 [complement(44268..44420)], ycf3 [complement(45158..45385)], ycf3 [complement(46110..46235)], trnL-UAA [49303..49337], trnL-UAA [49852..49901], trnV-UAC [complement(53049..53083)], trnV-UAC [complement(53670..53708)], rps12 [complement(71875..71988)], rps12 [143517..143748], rps12 [144291..144316], clpP [complement(72176..72421)], clpP [complement(73076..73367)], clpP [complement(74166..74236)], petB	trnK-UUU [complement(1986..4465)], rps16 [complement(5687..6560)], trnG-UCC [9393..10104], atpF [complement(12522..13270)], rpoC1 [complement(22610..23381)], ycf3 [complement(44421..45157)], ycf3 [complement(45386..46109)], trnL-UAA [49338..49851], trnV-UAC [complement(53084..53669)], clpP [complement(72422..73075)], clpP [complement(73368..74165)], petB [77093..77891], petD [78755..79463], rpl16 [complement(83827..84920)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77087..77092], petB [77892..78533], petD [78747..78754], petD [79464..79938], rpl16 [complement(83428..83826)], rpl16 [complement(84921..84929)], rpl2 [complement(86688..87121)], rpl2 [complement(87786..88176)], ndhB [complement(96997..97752)], ndhB [complement(98449..99225)], trnI-GAU [104860..104896], trnI-GAU [105837..105871], trnA-UGC [105936..105973], trnA-UGC [106774..106808], ndhA [complement(122963..123502)], ndhA [complement(124596..125147)], trnA-UGC [complement(137578..137612)], trnA-UGC [complement(138413..138450)], trnI-GAU [complement(138515..138549)], trnI-GAU [complement(139490..139526)], ndhB [145161..145937], ndhB [146634..147389], rpl2 [156210..156600], rpl2 [157265..157698]	[complement(87122..87785)], ndhB [complement(97753..98448)], trnI-GAU [104897..105836], trnA-UGC [105974..106773], ndhA [complement(123503..124595)], trnA-UGC [complement(137613..138412)], trnI-GAU [complement(138550..139489)], ndhB [145938..146633], rpl2 [156601..157264]
1789.	HOM A	72	rps12 [complement(98906..98931)], rps12 [complement(99472..99703)], rps12 [complement(70501..70614)], trnK-UUU [complement(1361..1395)], trnK-UUU [complement(3889..3925)], rps16 [complement(4841..5055)], rps16 [complement(5906..5984)], trnG-UCC [8976..8998], trnG-UCC [9684..9731], atpF [complement(12126..12535)], atpF [complement(13292..13436)], rpoC1 [complement(21185..22795)], rpoC1 [complement(23555..24007)], ycf3 [complement(43722..43874)], ycf3 [complement(44621..44848)], ycf3 [complement(45593..45718)], trnL-UAA [48589..48623], trnL-UAA [49132..49181], trnV-UAC [complement(52677..52711)], trnV-UAC [complement(53319..53356)], rps12 [141387..141618], rps12 [142159..142184], clpP [complement(70780..71007)], clpP [complement(71629..71920)], clpP [complement(72760..72830)], petB [75760..75765], petB [76552..77193], petD [77386..77393], petD [78122..78596], rpl16 [complement(82102..82500)], rpl16 [complement(83584..83592)], rpl2 [complement(85284..85717)], rpl2 [complement(86383..86773)], ndhB [complement(95838..96593)], ndhB [complement(97280..98056)], trnI-GAU [103451..103487], trnI-GAU [104446..104480], trnA-UGC [104553..104590], trnA-UGC [105393..105427], ndhA [complement(121069..121608)], ndhA [complement(122778..123329)], trnA-UGC [complement(135663..135697)], trnA-UGC [complement(136500..136537)], trnI-GAU [complement(136610..136644)],	trnK-UUU [complement(1396..3888)], rps16 [complement(5056..5905)], trnG-UCC [8999..9683], atpF [complement(12536..13291)], rpoC1 [complement(22796..23554)], ycf3 [complement(43875..44620)], ycf3 [complement(44849..45592)], trnL-UAA [48624..49131], trnV-UAC [complement(52712..53318)], clpP [complement(71008..71628)], clpP [complement(71921..72759)], petB [75766..76551], petD [77394..78121], rpl16 [complement(82501..83583)], rpl2 [complement(85718..86382)], ndhB [complement(96594..97279)], trnI-GAU [103488..104445], trnA-UGC [104591..105392], ndhA [complement(121609..122777)], trnA-UGC [complement(135698..136499)], trnI-GAU [complement(136645..137602)], ndhB [143811..144496], rpl2 [154708..155372]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137603..137639)], ndhB [143034..143810], ndhB [144497..145252], rpl2 [154317..154707], rpl2 [155373..155806]	
1790.	HOMI	39	trnK-UUU [complement(1301..1335)], trnK-UUU [complement(3920..3956)], trnG-UCC [8775..8797], trnG-UCC [9494..9541], trnL-UAA [47165..47199], trnL-UAA [47714..47763], trnV-UAC [complement(52187..52223)], trnV-UAC [complement(52818..52856)], rps12 [142187..142212], trnI-GAU [103954..103990], trnI-GAU [104935..104969], trnA-UGC [105034..105071], trnA-UGC [105887..105921], trnA-UGC [complement(135659..135693)], trnA-UGC [complement(136509..136546)], trnI-GAU [complement(136611..136645)], trnI-GAU [complement(137590..137626)]	trnK-UUU [complement(1336..3919)], trnG-UCC [8798..9493], atpF [complement(11869..12675)], rpoC1 [complement(21900..22636)], ycf3 [complement(42480..43219)], ycf3 [complement(43448..44176)], trnL-UAA [47200..47713], trnV-UAC [complement(52224..52817)], clpP [complement(71285..71947)], clpP [complement(72240..73044)], petB [76016..76814], petD [77682..78416], rpl16 [complement(82759..83742)], rpl2 [complement(86059..86722)], ndhB [complement(97051..97749)], trnI-GAU [103991..104934], trnA-UGC [105072..105886], ndhA [complement(121871..122967)], trnA-UGC [complement(135694..136508)], trnI-GAU [complement(136646..137589)], ndhB [143831..144529], rpl2 [154858..155521]
1791.	HON A	63	rps12 [complement(97991..98016)], rps12 [complement(98564..98795)], rps12 [complement(68618..68731)], trnK-UUU [complement(1392..1417)], trnK-UUU [complement(4346..4382)], rps16 [complement(4856..5100)], rps16 [complement(5994..6033)], trnG-GCC [9628..9650], trnG-GCC [10346..10392], atpF [complement(12352..12762)], atpF [complement(13748..13891)], rpoC1 [complement(21288..22904)], rpoC1 [complement(23644..24078)], ycf3 [complement(43648..43800)], ycf3 [complement(44553..44782)], ycf3 [complement(45510..45633)], trnL-UAA [48225..48259], trnL-UAA [49000..49049], trnV-UAC [complement(50155..50189)], trnV-UAC [complement(50772..50810)], rps12	trnK-UUU [complement(1418..4345)], rps16 [complement(5101..5993)], trnG-GCC [9651..10345], atpF [complement(12763..13747)], rpoC1 [complement(22905..23643)], ycf3 [complement(43801..44552)], ycf3 [complement(44783..45509)], trnL-UAA [48260..48999], trnV-UAC [complement(50190..50771)], clpP [complement(69117..69789)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[131795..132026], rps12 [132574..132599], clpP [complement(68865..69116)], clpP [complement(69790..70080)], clpP [complement(71125..71193)], petB [74613..74618], petB [75339..75980], petD [76167..76174], petD [76908..77391], rpl16 [complement(80935..81333)], rpl16 [complement(82539..82547)], rpl2 [complement(84503..84934)], rpl2 [complement(85596..85982)], trnI-GAU [102798..102839], trnI-GAU [103770..103804], trnA-UGC [103868..103905], trnA-UGC [104708..104742], trnA-UGC [complement(125848..125882)], trnA-UGC [complement(126685..126722)], trnI-GAU [complement(126786..126820)], trnI-GAU [complement(127751..127792)], rpl2 [144608..144994], rpl2 [145656..146087]	[complement(70081..71124)], petB [74619..75338], petD [76175..76907], rpl16 [complement(81334..82538)], rpl2 [complement(84935..85595)], trnI-GAU [102840..103769], trnA-UGC [103906..104707], trnA-UGC [complement(125883..126684)], trnI-GAU [complement(126821..127750)], rpl2 [144995..145655]
1792.	HON U	63	rps12 [complement(97210..97235)], rps12 [complement(97783..98014)], rps12 [complement(68005..68118)], trnK-UUU [complement(1392..1417)], trnK-UUU [complement(4418..4454)], rps16 [complement(4928..5172)], rps16 [complement(6059..6098)], trnG-GCC [9300..9322], trnG-GCC [10016..10062], atpF [complement(12005..12415)], atpF [complement(13396..13539)], rpoC1 [complement(20903..22519)], rpoC1 [complement(23266..23700)], ycf3 [complement(43328..43480)], ycf3 [complement(44227..44456)], ycf3 [complement(45185..45308)], trnL-UAA [47900..47934], trnL-UAA [48637..48686], trnV-UAC [complement(49855..49889)], trnV-UAC [complement(50472..50510)], rps12 [131429..131660], rps12 [132208..132233], clpP [complement(68252..68503)], clpP [complement(69178..69468)], clpP [complement(70326..70394)], petB [73733..73738], petB [74478..75119], petD [75306..75312], petD [76137..76621], rpl16 [complement(80159..80557)], rpl16 [complement(81747..81755)], rpl2 [complement(83726..84157)], rpl2 [complement(84819..85205)], trnI-GAU [102014..102055], trnI-GAU [102987..103021], trnA-UGC [103085..103122], trnA-UGC [103929..103963], trnA-UGC [complement(125480..125514)], trnA-UGC [complement(126321..126358)], trnI-GAU [complement(126422..126456)], trnI-GAU [complement(127388..127429)], rpl2 [144238..144624], rpl2 [145286..145717]	trnK-UUU [complement(1418..4417)], rps16 [complement(5173..6058)], trnG-GCC [9323..10015], atpF [complement(12416..13395)], rpoC1 [complement(22520..23265)], ycf3 [complement(43481..44226)], ycf3 [complement(44457..45184)], trnL-UAA [47935..48636], trnV-UAC [complement(49890..50471)], clpP [complement(68504..69177)], clpP [complement(69469..70325)], petB [73739..74477], petD [75313..76136], rpl16 [complement(80558..81746)], rpl2 [complement(84158..84818)], trnI-GAU [102056..102986], trnA-UGC [103123..103928], trnA-UGC [complement(125515..126320)], trnI-GAU [complement(126457..127387)], rpl2 [144625..145285]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1793.	HOPA	40	rps12 [complement(124734..124760)], rps12 [complement(125297..125527)], rps12 [complement(96486..96623)], ndhB [11055..11831], ndhB [12532..13287], rpl2 [22415..22805], rpl2 [23469..23899], rps16 [complement(28868..29066)], rps16 [complement(29916..29959)], atpF [complement(35960..36370)], atpF [complement(37081..37224)], rpoC1 [complement(45222..46841)], rpoC1 [complement(47575..48006)], ycf3 [complement(68170..68324)], ycf3 [complement(69050..69277)], ycf3 [complement(70014..70137)], clpP [complement(96768..97010)], clpP [complement(97632..97926)], clpP [complement(98713..98783)], petB [101670..101675], petB [102470..103123], rpl2 [complement(111031..111461)], rpl2 [complement(112125..112515)], ndhB [complement(121643..122398)], ndhB [complement(123099..123875)], ndhA [complement(144812..145352)], ndhA [complement(146435..146985)]	ndhB [11832..12531], rpl2 [22806..23468], rps16 [complement(29067..29915)], atpF [complement(36371..37080)], rpoC1 [complement(46842..47574)], ycf3 [complement(68325..69049)], ycf3 [complement(69278..70013)], clpP [complement(97011..97631)], clpP [complement(97927..98712)], petB [101676..102469], rpl2 [complement(111462..112124)], ndhB [complement(122399..123098)], ndhA [complement(145353..146434)]
1794.	HOPO	70	rps12 [complement(105269..105294)], rps12 [complement(105858..106089)], rps12 [complement(77599..77712)], trnK-UUU [complement(1867..1901)], trnK-UUU [complement(4422..4458)], rps16 [complement(5255..5481)], rps16 [complement(6318..6357)], trnG-UCC [9479..9501], trnG-UCC [10179..10215], atpF [complement(12094..12503)], atpF [complement(13230..13374)], ycf3 [complement(48996..49148)], ycf3 [complement(49963..50192)], ycf3 [complement(50934..51057)], trnL-UAA [53944..53980], trnL-UAA [54455..54504], trnV-UAC [complement(58661..58697)], trnV-UAC [complement(59293..59337)], rps12 [complement(77599..77712)], rps12 [148009..148240], rps12 [148804..148829], clpP [complement(77940..78167)], clpP [complement(78866..79157)], clpP [complement(79979..80049)], petB [82981..82986], petB [83745..84386], petD [84567..84574], petD [85312..85786], rpl16 [complement(89334..89732)], rpl16 [complement(90892..90900)], rpl2 [complement(92596..93029)], rpl2 [complement(93669..94059)], ndhB [complement(102246..103001)], ndhB [complement(103594..104472)], trnI-GAU [109765..109806], trnI-GAU [110750..110784], trnA-UGC [110848..110885], trnA-UGC [111703..111737], ndhA [complement(127419..127963)], ndhA [complement(129040..129592)],	trnK-UUU [complement(1902..4421)], rps16 [complement(5482..6317)], trnG-UCC [9502..10178], atpF [complement(12504..13229)], ycf3 [complement(49149..49962)], ycf3 [complement(50193..50933)], trnL-UAA [53981..54454], trnV-UAC [complement(58698..59292)], clpP [complement(78168..78865)], clpP [complement(79158..79978)], petB [82987..83744], petD [84575..85311], rpl16 [complement(89733..90891)], rpl2 [complement(93030..93668)], ndhB [complement(103002..103593)], trnI-GAU [109807..110749], trnA-UGC [110886..111702], ndhA [complement(127964..129039)], trnA-UGC [complement(142396..143212)], trnI-GAU [complement(143349..144291)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(142361..142395)], trnA-UGC [complement(143213..143250)], trnI-GAU [complement(143314..143348)], trnI-GAU [complement(144292..144333)], ndhB [149626..150402], ndhB [151097..151852], rpl2 [160039..160429], rpl2 [161069..161502]	[150403..151096], rpl2 [160430..161068]
1795.	HOQU	63	rps12 [complement(97655..97680)], rps12 [complement(98228..98459)], rps12 [complement(68420..68533)], trnK-UUU [complement(1395..1420)], trnK-UUU [complement(4410..4446)], rps16 [complement(4927..5171)], rps16 [complement(6057..6096)], trnG-GCC [9295..9317], trnG-GCC [10011..10057], atpF [complement(12010..12420)], atpF [complement(13399..13542)], rpoC1 [complement(20907..22514)], rpoC1 [complement(23258..23689)], ycf3 [complement(42579..42731)], ycf3 [complement(43478..43707)], ycf3 [complement(44434..44557)], trnL-UAA [47154..47188], trnL-UAA [47903..47952], trnV-UAC [complement(50050..50084)], trnV-UAC [complement(50667..50705)], rps12 [132045..132276], rps12 [132824..132849], clpP [complement(68667..68918)], clpP [complement(69583..69873)], clpP [complement(70771..70839)], petB [74171..74176], petB [74916..75557], petD [75744..75751], petD [76595..77078], rpl16 [complement(80616..81014)], rpl16 [complement(82220..82228)], rpl2 [complement(84171..84602)], rpl2 [complement(85264..85650)], trnI-GAU [102465..102506], trnI-GAU [103441..103475], trnA-UGC [103539..103576], trnA-UGC [104383..104417], trnA-UGC [complement(126087..126121)], trnA-UGC [complement(126928..126965)], trnI-GAU [complement(127029..127063)], trnI-GAU [complement(127998..128039)], rpl2 [144854..145240], rpl2 [145902..146333]	trnK-UUU [complement(1421..4409)], rps16 [complement(5172..6056)], trnG-GCC [9318..10010], atpF [complement(12421..13398)], rpoC1 [complement(22515..23257)], ycf3 [complement(42732..43477)], ycf3 [complement(43708..44433)], trnL-UAA [47189..47902], trnV-UAC [complement(50085..50666)], clpP [complement(68919..69582)], clpP [complement(69874..70770)], petB [74177..74915], petD [75752..76594], rpl16 [complement(81015..82219)], rpl2 [complement(84603..85263)], trnI-GAU [102507..103440], trnA-UGC [103577..104382], trnA-UGC [complement(126122..126927)], trnI-GAU [complement(127064..127997)], rpl2 [145241..145901]
1796.	HORU	63	rps12 [complement(97841..97866)], rps12 [complement(98414..98645)], rps12 [complement(68546..68659)], trnK-UUU [complement(1390..1415)], trnK-UUU [complement(4425..4461)], rps16 [complement(4935..5179)], rps16 [complement(6076..6115)], trnG-GCC [9611..9633], trnG-GCC [10327..10373], atpF [complement(12323..12733)], atpF [complement(13714..13857)], rpoC1 [complement(21221..22837)], rpoC1 [complement(23589..24023)], ycf3 [complement(43644..43796)], ycf3	trnK-UUU [complement(1416..4424)], rps16 [complement(5180..6075)], trnG-GCC [9634..10326], atpF [complement(12734..13713)], rpoC1 [complement(22838..23588)], ycf3 [complement(43797..44542)], ycf3 [complement(44773..45500)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44543..44772)], ycf3 [complement(45501..45624)], trnL-UAA [48207..48241], trnL-UAA [48944..48993], trnV-UAC [complement(50092..50126)], trnV-UAC [complement(50709..50747)], rps12 [132094..132325], rps12 [132873..132898], clpP [complement(68793..69044)], clpP [complement(69718..70008)], clpP [complement(70912..70980)], petB [74367..74372], petB [75112..75753], petD [75940..75947], petD [76772..77255], rpl16 [complement(80793..81191)], rpl16 [complement(82368..82376)], rpl2 [complement(84357..84788)], rpl2 [complement(85450..85836)], trnI-GAU [102652..102693], trnI-GAU [103625..103659], trnA-UGC [103723..103760], trnA-UGC [104567..104601], trnA-UGC [complement(126138..126172)], trnA-UGC [complement(126979..127016)], trnI-GAU [complement(127080..127114)], trnI-GAU [complement(128046..128087)], rpl2 [144903..145289], rpl2 [145951..146382]	[48242..48943], trnV-UAC [complement(50127..50708)], clpP [complement(69045..69717)], clpP [complement(70009..70911)], petB [74373..75111], petD [75948..76771], rpl16 [complement(81192..82367)], rpl2 [complement(84789..85449)], trnI-GAU [102694..103624], trnA-UGC [103761..104566], trnA-UGC [complement(126173..126978)], trnI-GAU [complement(127115..128045)], rpl2 [145290..145950]
1797.	HOSI	63	rps12 [complement(96913..96938)], rps12 [complement(97486..97717)], rps12 [complement(67682..67795)], trnK-UUU [complement(1393..1418)], trnK-UUU [complement(4416..4452)], rps16 [complement(4926..5170)], rps16 [complement(6055..6094)], trnG-GCC [9123..9145], trnG-GCC [9840..9886], atpF [complement(11829..12239)], atpF [complement(13220..13363)], rpoC1 [complement(20727..22343)], rpoC1 [complement(23090..23524)], ycf3 [complement(43081..43233)], ycf3 [complement(43980..44209)], ycf3 [complement(44939..45062)], trnL-UAA [47645..47679], trnL-UAA [48382..48431], trnV-UAC [complement(49512..49546)], trnV-UAC [complement(50129..50167)], rps12 [130851..131082], rps12 [131630..131655], clpP [complement(67929..68180)], clpP [complement(68854..69144)], clpP [complement(70002..70070)], petB [73450..73455], petB [74194..74835], petD [75022..75029], petD [75854..76337], rpl16 [complement(79875..80273)], rpl16 [complement(81450..81458)], rpl2 [complement(83429..83860)], rpl2 [complement(84522..84908)], trnI-GAU [101717..101758], trnI-GAU [102690..102724], trnA-UGC [102788..102825], trnA-UGC [103632..103666], trnA-UGC [complement(124902..124936)], trnA-UGC	trnK-UUU [complement(1419..4415)], rps16 [complement(5171..6054)], trnG-GCC [9146..9839], atpF [complement(12240..13219)], rpoC1 [complement(22344..23089)], ycf3 [complement(43234..43979)], ycf3 [complement(44210..44938)], trnL-UAA [47680..48381], trnV-UAC [complement(49547..50128)], clpP [complement(68181..68853)], clpP [complement(69145..70001)], petB [73456..74193], petD [75030..75853], rpl16 [complement(80274..81449)], rpl2 [complement(83861..84521)], trnI-GAU [101759..102689], trnA-UGC [102826..103631], trnA-UGC [complement(124937..125742)], trnI-GAU [complement(125879..126809)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(125743..125780)], trnI-GAU [complement(125844..125878)], trnI-GAU [complement(126810..126851)], rpl2 [143660..144046], rpl2 [144708..145139]	[144047..144707]
1798.	HOSO	69	rps12 [complement(99582..99607)], rps12 [complement(100144..100375)], rps12 [complement(71495..71608)], trnH-GUG [complement(155590..155596)], trnH-GUG [complement(1..67)], trnK-UUU [complement(1595..1629)], trnK-UUU [complement(4114..4150)], rps16 [complement(4855..5086)], rps16 [complement(5943..5983)], trnG-UCC [9259..9281], trnG-UCC [9990..10037], atpF [complement(12079..12488)], atpF [complement(13201..13345)], rpoC1 [complement(20803..22413)], rpoC1 [complement(23192..23623)], ycf3 [complement(43753..43905)], ycf3 [complement(44688..44915)], ycf3 [complement(45703..45828)], trnL-UAA [49084..49120], trnL-UAA [49599..49648], trnV-UAC [complement(52775..52809)], trnV-UAC [complement(53403..53441)], rps12 [141114..141345], rps12 [141882..141907], clpP [complement(71761..71988)], clpP [complement(72606..72897)], clpP [complement(73731..73801)], petB [76718..76723], petB [77390..78031], petD [78224..78231], petD [78990..79464], rpl16 [complement(82981..83379)], rpl16 [complement(84401..84409)], ndhB [complement(96519..97274)], ndhB [complement(97961..98737)], trnI-GAU [104054..104090], trnI-GAU [105032..105066], trnA-UGC [105131..105168], trnA-UGC [105982..106016], ndhA [complement(121255..121793)], ndhA [complement(122900..123452)], trnA-UGC [complement(135473..135507)], trnA-UGC [complement(136321..136358)], trnI-GAU [complement(136423..136457)], trnI-GAU [complement(137399..137435)], ndhB [142752..143528], ndhB [144215..144970]	trnH-GUG [complement(155597..0)], trnK-UUU [complement(1630..4113)], rps16 [complement(5087..5942)], trnG-UCC [9282..9989], atpF [complement(12489..13200)], rpoC1 [complement(22414..23191)], ycf3 [complement(43906..44687)], ycf3 [complement(44916..45702)], trnL-UAA [49121..49598], trnV-UAC [complement(52810..53402)], clpP [complement(71989..72605)], clpP [complement(72898..73730)], petB [76724..77389], petD [78232..78989], rpl16 [complement(83380..84400)], ndhB [complement(97275..97960)], trnI-GAU [104091..105031], trnA-UGC [105169..105981], ndhA [complement(121794..122899)], trnA-UGC [complement(135508..136320)], trnI-GAU [complement(136458..137398)], ndhB [143529..144214]
1799.	HOSU	63	rps12 [complement(97614..97639)], rps12 [complement(98188..98419)], rps12 [complement(68226..68339)], trnK-UUU [complement(1394..1419)], trnK-UUU [complement(4296..4332)], rps16 [complement(4807..5051)], rps16 [complement(5952..5991)], trnG-GCC [9570..9592], trnG-GCC [10286..10332], atpF [complement(12274..12684)], atpF [complement(13677..13820)], rpoC1 [complement(21189..22805)], rpoC1	trnK-UUU [complement(1420..4295)], rps16 [complement(5052..5951)], trnG-GCC [9593..10285], atpF [complement(12685..13676)], rpoC1 [complement(22806..23550)], ycf3 [complement(43765..44509)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23551..23985)], ycf3 [complement(43612..43764)], ycf3 [complement(44510..44739)], ycf3 [complement(45468..45591)], trnL-UAA [48208..48242], trnL-UAA [48675..48724], trnV-UAC [complement(49795..49829)], trnV-UAC [complement(50412..50450)], rps12 [131910..132141], rps12 [132690..132715], clpP [complement(68473..68724)], clpP [complement(69396..69686)], clpP [complement(70720..70788)], petB [74150..74155], petB [74907..75548], petD [75735..75741], petD [76631..77115], rpl16 [complement(80669..81067)], rpl16 [complement(82176..82184)], rpl2 [complement(84154..84585)], rpl2 [complement(85247..85633)], trnI-GAU [102411..102452], trnI-GAU [103384..103418], trnA-UGC [103482..103519], trnA-UGC [104322..104356], trnA-UGC [complement(125973..126007)], trnA-UGC [complement(126810..126847)], trnI-GAU [complement(126911..126945)], trnI-GAU [complement(127877..127918)], rpl2 [144696..145082], rpl2 [145744..146175]	[complement(44740..45467)], trnL-UAA [48243..48674], trnV-UAC [complement(49830..50411)], clpP [complement(68725..69395)], clpP [complement(69687..70719)], petB [74156..74906], petD [75742..76630], rpl16 [complement(81068..82175)], rpl2 [complement(84586..85246)], trnI-GAU [102453..103383], trnA-UGC [103520..104321], trnA-UGC [complement(126008..126809)], trnI-GAU [complement(126946..127876)], rpl2 [145083..145743]
1800.	HOVE	25	trnK-UUU [complement(1398..1437)], trnK-UUU [complement(4023..4059)], rps12 [142186..142211]	trnK-UUU [complement(1438..4022)], trnG- GCC [8901..9606], atpF [complement(11971..12777)], rpoC1 [complement(21992..22736)], ycf3 [complement(42587..43326)], ycf3 [complement(43557..44285)], trnL-UAA [47309..47822], trnV-UAC [complement(52324..52917)], clpP [complement(71236..71902)], clpP [complement(72194..73001)], petB [75971..76769], petD [77639..78373], rpl16 [complement(82715..83695)], rpl2 [complement(86008..86671)], ndhB [complement(97001..97699)], trnI-GAU [103946..104883], trnA-UGC [105021..105835], ndhA [complement(121851..122945)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(135694..136508)], trnI-GAU [complement(136646..137583)], ndhB [143830..144528], rpl2 [154858..155521]
1801.	HOV U	14	rps12 [complement(67995..68108)], rps12 [128248..128276]	rps16 [complement(5245..6034)], atpF [33504..34336], ycf3 [complement(42711..43433)], ycf3 [complement(43662..44420)], petB [71849..72544], petD [73438..74186], rpl16 [complement(78663..79725)], rpl2 [complement(82157..82819)], ndhB [complement(87546..88257)], ndhA [complement(112870..113901)], ndhB [129877..130588], rpl2 [135315..135977]
1802.	HOW A	63	rps12 [complement(98059..98084)], rps12 [complement(98632..98863)], rps12 [complement(68592..68705)], trnK-UUU [complement(1396..1421)], trnK-UUU [complement(4389..4425)], rps16 [complement(4905..5149)], rps16 [complement(6034..6073)], trnG-GCC [9705..9727], trnG-GCC [10421..10467], atpF [complement(12403..12813)], atpF [complement(13792..13935)], rpoC1 [complement(21187..22803)], rpoC1 [complement(23547..23981)], ycf3 [complement(43677..43829)], ycf3 [complement(44582..44811)], ycf3 [complement(45540..45663)], trnL-UAA [48271..48305], trnL-UAA [49047..49096], trnV-UAC [complement(50181..50215)], trnV-UAC [complement(50798..50836)], rps12 [132154..132385], rps12 [132933..132958], clpP [complement(68839..69090)], clpP [complement(69765..70055)], clpP [complement(71073..71141)], petB [74541..74546], petB [75269..75910], petD [76097..76104], petD [76946..77429], rpl16 [complement(80969..81367)], rpl16 [complement(82625..82633)], rpl2 [complement(84574..85005)], rpl2 [complement(85667..86053)], trnI-GAU [102865..102906], trnI-GAU [103837..103871], trnA-UGC [103935..103972], trnA-UGC [104775..104809], trnA-UGC [complement(126208..126242)], trnA-UGC [complement(127045..127082)], trnI-GAU [complement(127146..127180)],	trnK-UUU [complement(1422..4388)], rps16 [complement(5150..6033)], trnG-GCC [9728..10420], atpF [complement(12814..13791)], rpoC1 [complement(22804..23546)], ycf3 [complement(43830..44581)], ycf3 [complement(44812..45539)], trnL-UAA [48306..49046], trnV-UAC [complement(50216..50797)], clpP [complement(69091..69764)], clpP [complement(70056..71072)], petB [74547..75268], petD [76105..76945], rpl16 [complement(81368..82624)], rpl2 [complement(85006..85666)], trnI-GAU [102907..103836], trnA-UGC [103973..104774], trnA-UGC [complement(126243..127044)], trnI-GAU [complement(127181..128110)], rpl2 [145351..146011]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(128111..128152)], rpl2 [144964..145350], rpl2 [146012..146443]	
1803.	HOW E	63	rps12 [complement(97236..97261)], rps12 [complement(97809..98040)], rps12 [complement(67986..68099)], trnK-UUU [complement(1394..1419)], trnK-UUU [complement(4420..4456)], rps16 [complement(4919..5163)], rps16 [complement(6049..6088)], trnG-GCC [9283..9305], trnG-GCC [9999..10045], atpF [complement(11988..12398)], atpF [complement(13379..13522)], rpoC1 [complement(20886..22502)], rpoC1 [complement(23249..23683)], ycf3 [complement(43326..43478)], ycf3 [complement(44225..44454)], ycf3 [complement(45183..45306)], trnL-UAA [47897..47931], trnL-UAA [48634..48683], trnV-UAC [complement(49775..49809)], trnV-UAC [complement(50392..50430)], rps12 [131539..131770], rps12 [132318..132343], clpP [complement(68233..68484)], clpP [complement(69158..69448)], clpP [complement(70306..70374)], petB [73739..73744], petB [74484..75125], petD [75312..75319], petD [76144..76627], rpl16 [complement(80165..80563)], rpl16 [complement(81773..81781)], rpl2 [complement(83752..84183)], rpl2 [complement(84845..85231)], trnI-GAU [102040..102081], trnI-GAU [103013..103047], trnA-UGC [103111..103148], trnA-UGC [103955..103989], trnA-UGC [complement(125590..125624)], trnA-UGC [complement(126431..126468)], trnI-GAU [complement(126532..126566)], trnI-GAU [complement(127498..127539)], rpl2 [144348..144734], rpl2 [145396..145827]	trnK-UUU [complement(1420..4419)], rps16 [complement(5164..6048)], trnG-GCC [9306..9998], atpF [complement(12399..13378)], rpoC1 [complement(22503..23248)], ycf3 [complement(43479..44224)], ycf3 [complement(44455..45182)], trnL-UAA [47932..48633], trnV-UAC [complement(49810..50391)], clpP [complement(68485..69157)], clpP [complement(69449..70305)], petB [73745..74483], petD [75320..76143], rpl16 [complement(80564..81772)], rpl2 [complement(84184..84844)], trnI-GAU [102082..103012], trnA-UGC [103149..103954], trnA-UGC [complement(125625..126430)], trnI-GAU [complement(126567..127497)], rpl2 [144735..145395]
1804.	HOYI	69	rps12 [complement(99483..99508)], rps12 [complement(100056..100287)], rps12 [complement(70906..71019)], trnK-UUU [complement(1398..1432)], trnK-UUU [complement(4021..4057)], trnG-UCC [8879..8903], trnG-UCC [9587..9645], atpF [complement(11562..11971)], atpF [complement(12779..12923)], rpoC1 [complement(20379..21995)], rpoC1 [complement(22742..23173)], ycf3 [complement(42439..42591)], ycf3 [complement(43332..43561)], ycf3 [complement(44293..44416)], trnL-UAA [47277..47310], trnL-UAA [47826..47875], trnV-UAC [complement(52304..52340)], trnV-UAC [complement(52935..52973)], rps12	trnK-UUU [complement(1433..4020)], trnG-UCC [8904..9586], atpF [complement(11972..12778)], rpoC1 [complement(21996..22741)], ycf3 [complement(42592..43331)], ycf3 [complement(43562..44292)], trnL-UAA [47311..47825], trnV-UAC [complement(52341..52934)], clpP [complement(71402..72066)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141586..141817], rps12 [142365..142390], clpP [complement(71150..71401)], clpP [complement(72067..72358)], clpP [complement(73164..73234)], petB [76129..76134], petB [76935..77576], petD [77796..77803], petD [78539..79052], rpl16 [complement(82479..82877)], rpl16 [complement(83861..83869)], rpl2 [complement(85742..86173)], rpl2 [complement(86835..87227)], ndhB [complement(96410..97165)], ndhB [complement(97865..98641)], trnI-GAU [104076..104112], trnI-GAU [105057..105091], trnA-UGC [105156..105193], trnA-UGC [106009..106043], ndhA [complement(121483..122021)], ndhA [complement(123117..123669)], trnA-UGC [complement(135830..135864)], trnA-UGC [complement(136680..136717)], trnI-GAU [complement(136782..136816)], trnI-GAU [complement(137761..137797)], ndhB [143232..144008], ndhB [144708..145463], rpl2 [154646..155038], rpl2 [155700..156131]	[complement(72359..73163)], petB [76135..76934], petD [77804..78538], rpl16 [complement(82878..83860)], rpl2 [complement(86174..86834)], ndhB [complement(97166..97864)], trnI-GAU [104113..105056], trnA-UGC [105194..106008], ndhA [complement(122022..123116)], trnA-UGC [complement(135865..136679)], trnI-GAU [complement(136817..137760)], ndhB [144009..144707], rpl2 [155039..155699]
1805.	HUBA	64	rps12 [complement(89721..89749)], rps12 [complement(90290..90521)], rps12 [complement(66586..66702)], trnK-UUU [complement(1374..1408)], trnK-UUU [complement(3958..3994)], rps16 [complement(4571..4788)], rps16 [complement(5652..5691)], trnG-UCC [complement(12947..12994)], trnG-UCC [complement(13827..13849)], atpF [32900..33044], atpF [33856..34262], ycf3 [complement(42009..42167)], ycf3 [complement(42884..43111)], ycf3 [complement(43852..43983)], trnL-UAA [46302..46336], trnL-UAA [46836..46885], trnV-UAC [complement(50157..50193)], trnV-UAC [complement(50790..50828)], rps12 [127047..127278], rps12 [127819..127847], petB [70462..70467], petB [71276..71917], petD [72100..72109], petD [72864..73336], rpl16 [complement(76863..77264)], rpl16 [complement(78363..78371)], rpl2 [complement(80349..80779)], rpl2 [complement(81442..81832)], ndhB [complement(86648..87403)], ndhB [complement(88116..88892)], trnI-GAU [94349..94385], trnI-GAU [95336..95370], trnA-UGC [95436..95473], trnA-UGC [96291..96325], ndhA [complement(111792..112330)], ndhA [complement(113335..113884)], trnA-UGC [complement(121243..121277)], trnA-UGC [complement(122095..122133)], trnI-GAU [complement(122198..122232)], trnI-GAU [complement(123183..123219)], ndhB [128676..129452], ndhB	trnK-UUU [complement(1409..3957)], rps16 [complement(4789..5651)], trnG-UCC [complement(12995..13826)], atpF [33045..33855], ycf3 [complement(42168..42883)], ycf3 [complement(43112..43851)], trnL-UAA [46337..46835], trnV-UAC [complement(50194..50789)], petB [70468..71275], petD [72110..72863], rpl16 [complement(77265..78362)], rpl2 [complement(80780..81441)], ndhB [complement(87404..88115)], trnI-GAU [94386..95335], trnA-UGC [95474..96290], ndhA [complement(112331..113334)], trnA-UGC [complement(121278..122094)], trnI-GAU [complement(122233..123182)], ndhB [129453..130164], rpl2 [136127..136788]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[130165..130920], rpl2 [135736..136126], rpl2 [136789..137219]	
1806.	HUBI	68	rps12 [complement(100885..100910)], rps12 [complement(101452..101683)], rps12 [complement(74263..74376)], trnK-UUU [complement(1772..1806)], trnK-UUU [complement(4322..4358)], rps16 [complement(5217..5442)], rps16 [complement(6306..6343)], trnG-GCC [10252..10274], trnG-GCC [10980..11027], atpF [complement(13072..13480)], atpF [complement(14192..14349)], rpoC1 [complement(22378..24004)], rpoC1 [complement(24745..25178)], ycf3 [complement(44904..45056)], ycf3 [complement(45793..46020)], ycf3 [complement(46739..46864)], trnL-UAA [50032..50068], trnL-UAA [50440..50489], trnV-UAC [complement(54526..54562)], trnV-UAC [complement(55157..55195)], rps12 [complement(74263..74376)], rps12 [144548..144779], rps12 [145321..145346], petB [78344..78349], petB [79062..79724], petD [79918..79926], petD [80645..81169], rpl16 [complement(84674..85075)], rpl16 [complement(86125..86133)], rpl2 [complement(87782..88216)], rpl2 [complement(88879..89271)], ndhB [complement(97818..98573)], ndhB [complement(99256..100032)], trnI-GAU [105669..105710], trnI-GAU [106658..106692], trnA-UGC [106757..106794], trnA-UGC [107606..107640], ndhA [complement(123492..124030)], ndhA [complement(125126..125678)], trnA-UGC [complement(138591..138625)], trnA-UGC [complement(139437..139474)], trnI-GAU [complement(139539..139573)], trnI-GAU [complement(140521..140562)], ndhB [146199..146975], ndhB [147658..148413], rpl2 [156960..157352], rpl2 [158015..158449]	trnK-UUU [complement(1807..4321)], rps16 [complement(5443..6305)], trnG-GCC [10275..10979], atpF [complement(13481..14191)], rpoC1 [complement(24005..24744)], ycf3 [complement(45057..45792)], ycf3 [complement(46021..46738)], trnL-UAA [50069..50439], trnV-UAC [complement(54563..55156)], petB [78350..79061], petD [79927..80644], rpl16 [complement(85076..86124)], rpl2 [complement(88217..88878)], ndhB [complement(98574..99255)], trnI-GAU [105711..106657], trnA-UGC [106795..107605], ndhA [complement(124031..125125)], trnA-UGC [complement(138626..139436)], trnI-GAU [complement(139574..140520)], ndhB [146976..147657], rpl2 [157353..158014]
1807.	HUGE	56	rps12 [complement(103400..103425)], rps12 [complement(103962..104193)], rps12 [complement(74248..74361)], trnK-UUU [complement(2082..2116)], trnK-UUU [complement(4678..4714)], trnG-GCC [8563..8585], trnG-GCC [9306..9351], atpF [complement(12023..12433)], atpF [complement(13224..13367)], rpoC1 [complement(21585..23195)], rpoC1 [complement(23977..24408)], ycf3 [complement(45492..45644)], ycf3 [complement(46355..46582)], ycf3 [complement(47315..47440)], trnL-UAA [49745..49781], trnL-UAA [50359..50407], trnV-UAC [complement(54582..54618)], trnV-UAC [complement(55226..55264)], rps12	trnG-GCC [8586..9305], trnL-UAA [49782..50358], trnV-UAC [complement(54619..55225)], clpP [complement(74751..75373)], clpP [complement(75667..76529)], trnI-GAU [108232..109178], trnI-GAU [complement(142777..143723)], rpl2 [161196..161870]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74248..74361)], rps12 [147762..147993], rps12 [148530..148555], clpP [complement(74525..74750)], clpP [complement(75374..75666)], clpP [complement(76530..76598)], petB [79591..79596], petB [80431..81072], petD [81286..81293], petD [82082..82556], rpl16 [complement(86349..86747)], rpl16 [complement(87806..87814)], rpl2 [complement(89657..90091)], rpl2 [complement(90767..91156)], ndhB [complement(100340..101095)], ndhB [complement(101784..102560)], trnI-GAU [108190..108231], trnI-GAU [109179..109213], trnA-UGC [109278..109315], trnA-UGC [110116..110150], ndhA [complement(126791..127330)], ndhA [complement(128512..129081)], trnA-UGC [complement(141805..141839)], trnA-UGC [complement(142640..142677)], trnI-GAU [complement(142742..142776)], trnI-GAU [complement(143724..143765)], ndhB [149395..150171], ndhB [150860..151597], rpl2 [160806..161195], rpl2 [161871..162305]	
1808.	HULU	60	rps12 [complement(97836..97859)], rps12 [complement(98391..98651)], rps12 [complement(70143..70256)], trnK-UUU [complement(1854..1882)], trnK-UUU [complement(4441..4477)], rps16 [complement(5445..5670)], rps16 [complement(6545..6588)], atpF [complement(12078..12492)], atpF [complement(13212..13372)], rpoC1 [complement(20804..22423)], rpoC1 [complement(23237..23668)], ycf3 [complement(42913..43068)], ycf3 [complement(43822..44049)], ycf3 [complement(44803..44928)], trnL-UAA [47611..47647], trnL-UAA [48154..48203], trnV-UAC [complement(51372..51408)], trnV-UAC [complement(52009..52046)], rps12 [139231..139469], rps12 [140001..140025], clpP [complement(70429..70656)], clpP [complement(71268..71558)], clpP [complement(72424..72492)], rpl2 [complement(84528..84962)], rpl2 [complement(85649..86041)], ndhB [complement(94770..95525)], ndhB [complement(96211..96987)], trnI-GAU [102230..102271], trnI-GAU [103212..103246], trnA-UGC [103311..103348], trnA-UGC [104152..104186], ndhA [complement(118961..119500)], ndhA [complement(120707..121258)], trnA-UGC [complement(133675..133709)], trnA-UGC [complement(134513..134550)], trnI-GAU [complement(134615..134649)], trnI-GAU [complement(135590..135631)],	trnK-UUU [complement(1883..4440)], rps16 [complement(5671..6544)], atpF [complement(12493..13211)], rpoC1 [complement(22424..23236)], ycf3 [complement(43069..43821)], ycf3 [complement(44050..44802)], trnL-UAA [47648..48153], trnV-UAC [complement(51409..52008)], clpP [complement(70657..71267)], clpP [complement(71559..72423)], rpl2 [complement(84963..85648)], ndhB [complement(95526..96210)], trnI-GAU [102272..103211], trnA-UGC [103349..104151], ndhA [complement(119501..120706)], trnA-UGC [complement(133710..134512)], trnI-GAU [complement(134650..135589)], ndhB [141651..142335], rpl2 [152213..152898]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhB [140874..141650], ndhB [142336..143091], rpl2 [151820..152212], rpl2 [152899..153333]	
1809.	HUSC	72	rps12 [complement(97721..97746)], rps12 [complement(98284..98515)], rps12 [complement(70010..70123)], trnK-UUU [complement(1752..1786)], trnK-UUU [complement(4349..4385)], rps16 [complement(5289..5518)], rps16 [complement(6387..6426)], trnG-UCC [9020..9042], trnG-UCC [9742..9789], atpF [complement(11921..12330)], atpF [complement(13080..13224)], rpoC1 [complement(20617..22227)], rpoC1 [complement(23047..23478)], ycf3 [complement(42644..42796)], ycf3 [complement(43553..43780)], ycf3 [complement(44535..44660)], trnL-UAA [47352..47386], trnL-UAA [47901..47950], trnV-UAC [complement(51162..51196)], trnV-UAC [complement(51805..51842)], rps12 [139147..139378], rps12 [139916..139941], clpP [complement(70303..70530)], clpP [complement(71146..71437)], clpP [complement(72284..72354)], petB [75257..75262], petB [75977..76618], petD [76823..76830], petD [77569..78043], rpl16 [complement(81215..81613)], rpl16 [complement(82655..82663)], rpl2 [complement(84401..84834)], rpl2 [complement(85524..85914)], ndhB [complement(94655..95410)], ndhB [complement(96096..96872)], trnI-GAU [102122..102158], trnI-GAU [103104..103138], trnA-UGC [103203..103240], trnA-UGC [104044..104078], ndhA [complement(118845..119384)], ndhA [complement(120640..121191)], trnA-UGC [complement(133584..133618)], trnA-UGC [complement(134422..134459)], trnI-GAU [complement(134524..134558)], trnI-GAU [complement(135504..135540)], ndhB [140790..141566], ndhB [142252..143007], rpl2 [151748..152138], rpl2 [152828..153261]	trnK-UUU [complement(1787..4348)], rps16 [complement(5519..6386)], trnG-UCC [9043..9741], atpF [complement(12331..13079)], rpoC1 [complement(22228..23046)], ycf3 [complement(42797..43552)], ycf3 [complement(43781..44534)], trnL-UAA [47387..47900], trnV-UAC [complement(51197..51804)], clpP [complement(70531..71145)], clpP [complement(71438..72283)], petB [75263..75976], petD [76831..77568], rpl16 [complement(81614..82654)], rpl2 [complement(84835..85523)], ndhB [complement(95411..96095)], trnI-GAU [102159..103103], trnA-UGC [103241..104043], ndhA [complement(119385..120639)], trnA-UGC [complement(133619..134421)], trnI-GAU [complement(134559..135503)], ndhB [141567..142251], rpl2 [152139..152827]
1810.	HYAM	73	rps12 [complement(100285..100310)], rps12 [complement(100847..101078)], rps12 [complement(72290..72403)], trnK-UUU [complement(1716..1750)], trnK-UUU [complement(4237..4273)], rps16 [complement(5121..5345)], rps16 [complement(6207..6245)], trnG-UCC [9838..9860], trnG-UCC [10541..10588], atpF [complement(12508..12915)], atpF [complement(13622..13780)], rpoC1 [complement(21761..23386)], rpoC1 [complement(24142..24576)], ycf3 [complement(43970..44122)], ycf3	trnK-UUU [complement(1751..4236)], rps16 [complement(5346..6206)], trnG-UCC [9861..10540], atpF [complement(12916..13621)], rpoC1 [complement(23387..24141)], ycf3 [complement(44123..44858)], ycf3 [complement(45087..45799)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44859..45086)], ycf3 [complement(45800..45925)], trnL-UAA [48934..48968], trnL-UAA [49489..49538], trnV-UAC [complement(53511..53547)], trnV-UAC [complement(54129..54167)], rps12 [complement(72290..72403)], rps12 [142909..143140], rps12 [143677..143702], clpP [complement(72542..72769)], clpP [complement(73467..73757)], clpP [complement(74511..74579)], petB [77471..77476], petB [78243..78884], petD [79091..79098], petD [79841..80315], rpl16 [complement(83786..84187)], rpl16 [complement(85189..85197)], rpl2 [complement(86867..87301)], rpl2 [complement(87964..88356)], ndhB [complement(97240..97995)], ndhB [complement(98675..99451)], trnI-GAU [105034..105075], trnI-GAU [105778..105812], trnA-UGC [105877..105914], trnA-UGC [106721..106755], ndhA [complement(122624..123163)], ndhA [complement(124237..124788)], trnA-UGC [complement(137232..137266)], trnA-UGC [complement(138073..138110)], trnI-GAU [complement(138175..138209)], trnI-GAU [complement(138912..138953)], ndhB [144536..145312], ndhB [145992..146747], rpl2 [155631..156020], rpl2 [156686..157120]	[48969..49488], trnV-UAC [complement(53548..54128)], clpP [complement(72770..73466)], clpP [complement(73758..74510)], petB [77477..78242], petD [79099..79840], rpl16 [complement(84188..85188)], rpl2 [complement(87302..87963)], ndhB [complement(97996..98674)], trnI-GAU [105076..105777], trnA-UGC [105915..106720], ndhA [complement(123164..124236)], trnA-UGC [complement(137267..138072)], trnI-GAU [complement(138210..138911)], ndhB [145313..145991], rpl2 [156021..156685]
1811.	HYBA	73	rps12 [complement(100332..100357)], rps12 [complement(100894..101125)], rps12 [complement(72324..72437)], trnK-UUU [complement(1704..1738)], trnK-UUU [complement(4224..4260)], rps16 [complement(5110..5334)], rps16 [complement(6201..6239)], trnG-UCC [9824..9846], trnG-UCC [10527..10574], atpF [complement(12538..12945)], atpF [complement(13653..13811)], rpoC1 [complement(21809..23434)], rpoC1 [complement(24190..24624)], ycf3 [complement(44021..44173)], ycf3 [complement(44910..45137)], ycf3 [complement(45854..45979)], trnL-UAA [49002..49036], trnL-UAA [49551..49600], trnV-UAC [complement(53559..53595)], trnV-UAC [complement(54178..54216)], rps12 [complement(72324..72437)], rps12 [143398..143629], rps12 [144166..144191], clpP [complement(72576..72803)], clpP [complement(73510..73800)], clpP [complement(74555..74623)], petB [77517..77522], petB [78289..78930], petD [79130..79137], petD [79888..80362], rpl16 [complement(83832..84233)], rpl16	trnK-UUU [complement(1739..4223)], rps16 [complement(5335..6200)], trnG-UCC [9847..10526], atpF [complement(12946..13652)], rpoC1 [complement(23435..24189)], ycf3 [complement(44174..44909)], ycf3 [complement(45138..45853)], trnL-UAA [49037..49550], trnV-UAC [complement(53596..54177)], clpP [complement(72804..73509)], clpP [complement(73801..74554)], petB [77523..78288], petD [79138..79887], rpl16 [complement(84234..85233)], rpl2 [complement(87350..88011)], ndhB [complement(98043..98721)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85234..85242)], rpl2 [complement(86915..87349)], rpl2 [complement(88012..88404)], ndhB [complement(97287..98042)], ndhB [complement(98722..99498)], trnI-GAU [105081..105122], trnI-GAU [106057..106091], trnA-UGC [106156..106193], trnA-UGC [107000..107034], ndhA [complement(122885..123424)], ndhA [complement(124514..125065)], trnA-UGC [complement(137489..137523)], trnA-UGC [complement(138330..138367)], trnI-GAU [complement(138432..138466)], trnI-GAU [complement(139401..139442)], ndhB [145025..145801], ndhB [146481..147236], rpl2 [156119..156508], rpl2 [157174..157608]	[105123..106056], trnA-UGC [106194..106999], ndhA [complement(123425..124513)], trnA-UGC [complement(137524..138329)], trnI-GAU [complement(138467..139400)], ndhB [145802..146480], rpl2 [156509..157173]
1812.	HYBI	60	trnK-UUU [complement(2951..2985)], trnK-UUU [complement(5528..5564)], trnV-UAC [20069..20107], trnV-UAC [20708..20744], trnL-UAA [complement(24208..24257)], trnL-UAA [complement(24778..24814)], ycf3 [28019..28144], ycf3 [28887..29114], ycf3 [29921..30073], rps12 [31395..31508], rps12 [complement(151681..151912)], rps12 [complement(151119..151144)], rps12 [113100..113331], rps12 [113868..113893], petB [39081..39086], petB [39488..40144], petD [40348..40355], petD [41095..41569], trnG-UCC [60222..60269], trnG-UCC [60973..60995], clpP [complement(61137..61448)], clpP [complement(62077..62368)], clpP [complement(63411..63481)], atpF [complement(67515..67925)], atpF [complement(68652..68795)], rpl2 [complement(88081..88514)], rpl2 [complement(89205..89595)], trnA-UGC [complement(107145..107179)], trnA-UGC [complement(107990..108027)], trnI-GAU [complement(108092..108126)], trnI-GAU [complement(109065..109106)], ndhB [114869..115615], ndhB [116296..117051], ndhA [127564..128115], ndhA [129211..129747], ndhB [complement(147961..148716)], ndhB [complement(149397..150143)], trnI-GAU [155906..155947], trnI-GAU [156886..156920], trnA-UGC [156985..157022], trnA-UGC [157833..157867]	trnK-UUU [complement(2986..5527)], trnV-UAC [20108..20707], trnL-UAA [complement(24258..24777)], ycf3 [28145..28886], ycf3 [29115..29920], petB [39087..39487], petD [40356..41094], trnG-UCC [60270..60972], clpP [complement(61449..62076)], clpP [complement(62369..63410)], atpF [complement(67926..68651)], rpl2 [complement(88515..89204)], trnA-UGC [complement(107180..107989)], trnI-GAU [complement(108127..109064)], ndhB [115616..116295], ndhA [128116..129210], ndhB [complement(148717..149396)], trnI-GAU [155948..156885], trnA-UGC [157023..157832]
1813.	HYCA	67	rps12 [complement(101413..101438)], rps12 [complement(101975..102206)], rps12 [complement(72933..73046)], trnK-UUU [complement(1792..1826)], trnK-UUU [complement(4369..4405)], rps16 [complement(5264..5484)], rps16 [complement(6334..6373)], trnG-UCC [10340..10362], trnG-UCC	trnK-UUU [complement(1827..4368)], rps16 [complement(5485..6333)], trnG-UCC [10363..11085], atpF [complement(13505..14246)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[11086..11133], atpF [complement(13095..13504)], atpF [complement(14247..14391)], rpoC1 [complement(22185..23795)], rpoC1 [complement(24545..24976)], ycf3 [complement(45510..45662)], ycf3 [complement(46398..46627)], ycf3 [complement(47345..47468)], trnL-UAA [50612..50646], trnL-UAA [51148..51197], trnV-UAC [complement(55379..55413)], trnV-UAC [complement(55994..56032)], rps12 [complement(72933..73046)], rps12 [144927..145158], rps12 [145695..145720], clpP [complement(73212..73457)], clpP [complement(74124..74412)], clpP [complement(75218..75288)], petB [78167..78172], petB [78942..79583], petD [79783..79790], petD [80510..80993], rpl16 [complement(84527..84925)], rpl16 [complement(85920..85928)], rpl2 [complement(87681..88114)], rpl2 [complement(88775..89165)], trnI-GAU [106154..106190], trnI-GAU [107137..107171], trnA-UGC [107236..107273], trnA-UGC [108075..108109], ndhA [120642..121194], ndhA [122278..122816], trnA-UGC [complement(139024..139058)], trnA-UGC [complement(139860..139897)], trnI-GAU [complement(139962..139996)], trnI-GAU [complement(140943..140979)], rpl2 [157968..158358], rpl2 [159019..159452]	[complement(23796..24544)], ycf3 [complement(45663..46397)], ycf3 [complement(46628..47344)], trnL-UAA [50647..51147], trnV-UAC [complement(55414..55993)], clpP [complement(73458..74123)], clpP [complement(74413..75217)], petB [78173..78941], petD [79791..80509], rpl16 [complement(84926..85919)], rpl2 [complement(88115..88774)], trnI-GAU [106191..107136], trnA-UGC [107274..108074], ndhA [121195..122277], trnA-UGC [complement(139059..139859)], trnI-GAU [complement(139997..140942)], rpl2 [158359..159018]
1814.	HYCE	73	rps12 [complement(100345..100370)], rps12 [complement(100907..101138)], rps12 [complement(72294..72407)], trnK-UUU [complement(1673..1707)], trnK-UUU [complement(4220..4256)], rps16 [complement(5118..5327)], rps16 [complement(6194..6232)], trnG-UCC [9817..9839], trnG-UCC [10520..10567], atpF [complement(12504..12911)], atpF [complement(13624..13782)], rpoC1 [complement(21744..23369)], rpoC1 [complement(24125..24559)], ycf3 [complement(43958..44110)], ycf3 [complement(44847..45074)], ycf3 [complement(45789..45914)], trnL-UAA [49024..49058], trnL-UAA [49578..49627], trnV-UAC [complement(53559..53595)], trnV-UAC [complement(54177..54215)], rps12 [complement(72294..72407)], rps12 [143476..143707], rps12 [144244..144269], clpP [complement(72553..72780)], clpP [complement(73472..73762)], clpP [complement(74529..74597)], petB [77523..77528], petB [78294..78935], petD [79129..79136], petD	trnK-UUU [complement(1708..4219)], rps16 [complement(5328..6193)], trnG-UCC [9840..10519], atpF [complement(12912..13623)], rpoC1 [complement(23370..24124)], ycf3 [complement(44111..44846)], ycf3 [complement(45075..45788)], trnL-UAA [49059..49577], trnV-UAC [complement(53596..54176)], clpP [complement(72781..73471)], clpP [complement(73763..74528)], petB [77529..78293], petD [79137..79891], rpl16 [complement(84238..85235)], rpl2 [complement(87372..88033)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79892..80366], rpl16 [complement(83836..84237)], rpl16 [complement(85236..85244)], rpl2 [complement(86937..87371)], rpl2 [complement(88034..88426)], ndhB [complement(97289..98044)], ndhB [complement(98724..99500)], trnI-GAU [105094..105135], trnI-GAU [106075..106109], trnA-UGC [106174..106211], trnA-UGC [107018..107052], ndhA [complement(122952..123491)], ndhA [complement(124592..125143)], trnA-UGC [complement(137562..137596)], trnA-UGC [complement(138403..138440)], trnI-GAU [complement(138505..138539)], trnI-GAU [complement(139479..139520)], ndhB [145114..145890], ndhB [146570..147325], rpl2 [156188..156577], rpl2 [157243..157677]	[complement(98045..98723)], trnI-GAU [105136..106074], trnA-UGC [106212..107017], ndhA [complement(123492..124591)], trnA-UGC [complement(137597..138402)], trnI-GAU [complement(138540..139478)], ndhB [145891..146569], rpl2 [156578..157242]
1815.	HYDE	69	rps12 [complement(98656..98681)], rps12 [complement(99218..99449)], rps12 [complement(70677..70790)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4235..4271)], rps16 [complement(5137..5346)], rps16 [complement(6214..6252)], trnG-UCC [9853..9875], trnG-UCC [10556..10603], atpF [complement(12532..12939)], atpF [complement(13648..13806)], rpoC1 [complement(21735..23360)], rpoC1 [complement(24117..24551)], ycf3 [complement(43957..44109)], ycf3 [complement(44847..45074)], ycf3 [complement(45790..45915)], trnV-UAC [complement(52053..52089)], trnV-UAC [complement(52670..52708)], rps12 [141196..141427], rps12 [141964..141989], clpP [complement(70929..71156)], clpP [complement(71849..72139)], clpP [complement(72915..72983)], petB [75864..75869], petB [76635..77276], petD [77470..77477], petD [78239..78713], rpl16 [complement(82187..82588)], rpl16 [complement(83595..83603)], rpl2 [complement(85275..85709)], rpl2 [complement(86372..86764)], ndhB [complement(95600..96355)], ndhB [complement(97035..97811)], trnI-GAU [103402..103443], trnI-GAU [104383..104417], trnA-UGC [104482..104519], trnA-UGC [105326..105360], ndhA [complement(121272..121811)], ndhA [complement(122903..123454)], trnA-UGC [complement(135285..135319)], trnA-UGC [complement(136126..136163)], trnI-GAU [complement(136228..136262)], trnI-GAU [complement(137202..137243)], ndhB [142834..143610], ndhB [144290..145045], rpl2 [153881..154270], rpl2 [154936..155370]	trnK-UUU [complement(1731..4234)], rps16 [complement(5347..6213)], trnG-UCC [9876..10555], atpF [complement(12940..13647)], rpoC1 [complement(23361..24116)], ycf3 [complement(44110..44846)], ycf3 [complement(45075..45789)], trnV-UAC [complement(52090..52669)], clpP [complement(71157..71848)], clpP [complement(72140..72914)], petB [75870..76634], petD [77478..78238], rpl16 [complement(82589..83594)], rpl2 [complement(85710..86371)], ndhB [complement(96356..97034)], trnI-GAU [103444..104382], trnA-UGC [104520..105325], ndhA [complement(121812..122902)], trnA-UGC [complement(135320..136125)], trnI-GAU [complement(136263..137201)], ndhB [143611..144289], rpl2 [154271..154935]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1816.	HYDI	23	trnK-UUU [complement(1412..1440)], trnK-UUU [complement(3932..3968)], rps12 [129291..129319]	trnK-UUU [complement(1441..3931)], rps16 [complement(4729..5572)], trnG-UCC [complement(13367..14064)], atpF [34164..35000], ycf3 [complement(43367..44099)], ycf3 [complement(44328..45085)], trnL-UAA [48010..48465], trnV-UAC [complement(52227..52822)], petB [72079..72824], petD [73663..74403], rpl16 [complement(78820..79858)], rpl2 [complement(82280..82942)], ndhB [complement(88842..89545)], trnI-GAU [95840..96786], trnA-UGC [96925..97734], ndhA [complement(113765..114787)], trnA-UGC [complement(122737..123546)], trnI-GAU [complement(123685..124631)], ndhB [130926..131629], rpl2 [137529..138191]
1817.	HYFE	73	rps12 [complement(100251..100276)], rps12 [complement(100813..101044)], rps12 [complement(72249..72362)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4239..4275)], rps16 [complement(5139..5363)], rps16 [complement(6225..6263)], trnG-UCC [9844..9866], trnG-UCC [10552..10599], atpF [complement(12526..12933)], atpF [complement(13638..13796)], rpoC1 [complement(21797..23422)], rpoC1 [complement(24190..24624)], ycf3 [complement(44127..44279)], ycf3 [complement(45024..45251)], ycf3 [complement(45963..46088)], trnL-UAA [49169..49203], trnL-UAA [49724..49773], trnV-UAC [complement(53622..53658)], trnV-UAC [complement(54239..54277)], rps12 [complement(72249..72362)], rps12 [143304..143535], rps12 [144072..144097], clpP [complement(72501..72728)], clpP [complement(73421..73711)], clpP [complement(74492..74560)], petB [77461..77466], petB [78207..78848], petD [79046..79053], petD [79809..80283], rpl16 [complement(83733..84134)], rpl16	trnK-UUU [complement(1735..4238)], rps16 [complement(5364..6224)], trnG-UCC [9867..10551], atpF [complement(12934..13637)], rpoC1 [complement(23423..24189)], ycf3 [complement(44280..45023)], ycf3 [complement(45252..45962)], trnL-UAA [49204..49723], trnV-UAC [complement(53659..54238)], clpP [complement(72729..73420)], clpP [complement(73712..74491)], petB [77467..78206], petD [79054..79808], rpl16 [complement(84135..85128)], rpl2 [complement(87251..87912)], ndhB [complement(97951..98629)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85129..85137)], rpl2 [complement(86816..87250)], rpl2 [complement(87913..88305)], ndhB [complement(97195..97950)], ndhB [complement(98630..99406)], trnI-GAU [104989..105030], trnI-GAU [105970..106004], trnA-UGC [106069..106106], trnA-UGC [106913..106947], ndhA [complement(122730..123269)], ndhA [complement(124379..124930)], trnA-UGC [complement(137401..137435)], trnA-UGC [complement(138242..138279)], trnI-GAU [complement(138344..138378)], trnI-GAU [complement(139318..139359)], ndhB [144942..145718], ndhB [146398..147153], rpl2 [156043..156432], rpl2 [157098..157532]	[105031..105969], trnA-UGC [106107..106912], ndhA [complement(123270..124378)], trnA-UGC [complement(137436..138241)], trnI-GAU [complement(138379..139317)], ndhB [145719..146397], rpl2 [156433..157097]
1818.	HYG O	72	rps12 [complement(99503..99528)], rps12 [complement(100075..100306)], rps12 [complement(71346..71459)], trnK-UUU [complement(1511..1545)], trnK-UUU [complement(4011..4047)], rps16 [complement(5134..5358)], rps16 [complement(6228..6266)], trnG-UCC [8497..8519], trnG-UCC [9226..9273], atpF [complement(11225..11632)], atpF [complement(12345..12503)], rpoC1 [complement(20449..22098)], rpoC1 [complement(22887..23321)], ycf3 [complement(43336..43488)], ycf3 [complement(44301..44528)], ycf3 [complement(45262..45387)], trnL-UAA [48680..48714], trnL-UAA [49279..49328], trnV-UAC [complement(52322..52358)], trnV-UAC [complement(52955..52992)], rps12 [141711..141942], rps12 [142489..142514], clpP [complement(71605..71832)], clpP [complement(72493..72783)], clpP [complement(73836..73904)], petB [76817..76822], petB [77564..78205], petD [78407..78414], petD [79091..79565], rpl16 [complement(83031..83435)], rpl16 [complement(84352..84360)], rpl2 [complement(86038..86472)], rpl2 [complement(87139..87531)], ndhB [complement(96463..97218)], ndhB [complement(97893..98669)], trnI-GAU [104210..104251], trnI-GAU [105178..105212], trnA-UGC [105280..105317], trnA-UGC [106115..106149], ndhA [complement(121345..121890)], ndhA [complement(123061..123612)], trnA-UGC [complement(135868..135902)], trnA-UGC [complement(136700..136737)], trnI-GAU [complement(136805..136839)], trnI-GAU [complement(137766..137807)], ndhB [143348..144124], ndhB [144799..145554], rpl2 [154486..154875], rpl2 [155545..155979]	trnK-UUU [complement(1546..4010)], rps16 [complement(5359..6227)], trnG-UCC [8520..9225], atpF [complement(11633..12344)], rpoC1 [complement(22099..22886)], ycf3 [complement(43489..44300)], ycf3 [complement(44529..45261)], trnL-UAA [48715..49278], trnV-UAC [complement(52359..52954)], clpP [complement(71833..72492)], clpP [complement(72784..73835)], petB [76823..77563], petD [78415..79090], rpl16 [complement(83436..84351)], rpl2 [complement(86473..87138)], ndhB [complement(97219..97892)], trnI-GAU [104252..105177], trnA-UGC [105318..106114], ndhA [complement(121891..123060)], trnA-UGC [complement(135903..136699)], trnI-GAU [complement(136840..137765)], ndhB [144125..144798], rpl2 [154876..155544]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1819.	HYH A	67	rps12 [complement(105669..105694)], rps12 [complement(106231..106462)], rps12 [complement(76721..76834)], trnK-UUU [complement(2120..2148)], trnK-UUU [complement(4696..4731)], atpF [complement(14793..15281)], atpF [complement(15894..16052)], rpoC1 [complement(24283..25893)], rpoC1 [complement(26672..27103)], ycf3 [complement(49267..49419)], ycf3 [complement(50093..50320)], ycf3 [complement(51039..51167)], trnL-UAA [53462..53498], trnL-UAA [54053..54101], trnV-UAC [complement(57546..57582)], trnV-UAC [complement(58173..58215)], rps12 [complement(76721..76834)], rps12 [148379..148610], rps12 [149147..149172], clpP [complement(76999..77226)], clpP [complement(77883..78173)], clpP [complement(79002..79070)], petB [82033..82038], petB [82844..83485], petD [83704..83711], petD [84649..85138], rpl16 [complement(88685..89085)], rpl16 [complement(90181..90190)], rpl2 [complement(91888..92358)], rpl2 [complement(92987..93388)], ndhB [complement(102600..103355)], ndhB [complement(104037..104813)], trnI-GAU [110476..110517], trnI-GAU [111461..111495], trnA-UGC [111559..111596], trnA-UGC [112400..112434], ndhA [complement(127591..128130)], ndhA [complement(129256..129807)], trnA-UGC [complement(142407..142441)], trnA-UGC [complement(143245..143281)], trnI-GAU [complement(143346..143380)], trnI-GAU [complement(144324..144365)], ndhB [150028..150804], ndhB [151486..152241], rpl2 [161453..161854], rpl2 [162483..162953]	trnK-UUU [complement(2149..4695)], atpF [complement(15282..15893)], rpoC1 [complement(25894..26671)], ycf3 [complement(49420..50092)], ycf3 [complement(50321..51038)], trnL-UAA [53499..54052], trnV-UAC [complement(57583..58172)], clpP [complement(77227..77882)], clpP [complement(78174..79001)], petB [82039..82843], petD [83712..84648], rpl16 [complement(89086..90180)], rpl2 [complement(92359..92986)], ndhB [complement(103356..104036)], trnI-GAU [110518..111460], trnA-UGC [111597..112399], ndhA [complement(128131..129255)], trnA-UGC [complement(142442..143244)], trnI-GAU [complement(143381..144323)], ndhB [150805..151485], rpl2 [161855..162482]
1820.	HYHE	73	rps12 [complement(100397..100422)], rps12 [complement(100959..101190)], rps12 [complement(72399..72512)], trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4220..4256)], rps16 [complement(5119..5343)], rps16 [complement(6211..6249)], trnG-UCC [9816..9838], trnG-UCC [10521..10568], atpF [complement(12490..12897)], atpF [complement(13607..13765)], rpoC1 [complement(21744..23369)], rpoC1 [complement(24125..24559)], ycf3 [complement(44026..44178)], ycf3 [complement(44925..45152)], ycf3 [complement(45865..45990)], trnL-UAA [49070..49104], trnL-UAA [49624..49673], trnV-UAC [complement(53597..53633)], trnV-UAC [complement(54215..54253)], rps12	trnK-UUU [complement(1730..4219)], rps16 [complement(5344..6210)], trnG-UCC [9839..10520], atpF [complement(12898..13606)], rpoC1 [complement(23370..24124)], ycf3 [complement(44179..44924)], ycf3 [complement(45153..45864)], trnL-UAA [49105..49623], trnV-UAC [complement(53634..54214)], clpP [complement(72887..73565)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72399..72512)], rps12 [143601..143832], rps12 [144369..144394], clpP [complement(72659..72886)], clpP [complement(73566..73856)], clpP [complement(74630..74698)], petB [77578..77583], petB [78349..78990], petD [79184..79191], petD [79947..80421], rpl16 [complement(83895..84296)], rpl16 [complement(85308..85316)], rpl2 [complement(86984..87418)], rpl2 [complement(88081..88473)], ndhB [complement(97349..98104)], ndhB [complement(98784..99560)], trnI-GAU [105180..105221], trnI-GAU [106161..106195], trnA-UGC [106260..106297], trnA-UGC [107110..107144], ndhA [complement(123039..123578)], ndhA [complement(124668..125219)], trnA-UGC [complement(137647..137681)], trnA-UGC [complement(138494..138531)], trnI-GAU [complement(138596..138630)], trnI-GAU [complement(139570..139611)], ndhB [145231..146007], ndhB [146687..147442], rpl2 [156318..156707], rpl2 [157373..157807]	[complement(73857..74629)], petB [77584..78348], petD [79192..79946], rpl16 [complement(84297..85307)], rpl2 [complement(87419..88080)], ndhB [complement(98105..98783)], trnI-GAU [105222..106160], trnA-UGC [106298..107109], ndhA [complement(123579..124667)], trnA-UGC [complement(137682..138493)], trnI-GAU [complement(138631..139569)], ndhB [146008..146686], rpl2 [156708..157372]
1821.	HYH Y	73	rps12 [complement(100200..100225)], rps12 [complement(100762..100993)], rps12 [complement(72182..72295)], trnK-UUU [complement(1707..1741)], trnK-UUU [complement(4245..4281)], rps16 [complement(5133..5358)], rps16 [complement(6229..6266)], trnG-UCC [9855..9877], trnG-UCC [10559..10606], atpF [complement(12531..12941)], atpF [complement(13650..13805)], rpoC1 [complement(21533..23158)], rpoC1 [complement(23914..24369)], ycf3 [complement(43811..43965)], ycf3 [complement(44701..44926)], ycf3 [complement(45639..45764)], trnL-UAA [48878..48914], trnL-UAA [49432..49481], trnV-UAC [complement(53403..53439)], trnV-UAC [complement(54020..54058)], rps12 [complement(72182..72295)], rps12 [143421..143652], rps12 [144189..144214], clpP [complement(72434..72661)], clpP [complement(73350..73640)], clpP [complement(74408..74476)], petB [77368..77373], petB [78145..78786], petD [78980..78987], petD [79733..80207], rpl16 [complement(83682..84083)], rpl16 [complement(85093..85101)], rpl2 [complement(86774..87208)], rpl2 [complement(87871..88263)], ndhB [complement(97144..97899)], ndhB [complement(98579..99355)], trnI-GAU [104980..105021], trnI-GAU	trnK-UUU [complement(1742..4244)], rps16 [complement(5359..6228)], trnG-UCC [9878..10558], atpF [complement(12942..13649)], rpoC1 [complement(23159..23913)], ycf3 [complement(43966..44700)], ycf3 [complement(44927..45638)], trnL-UAA [48915..49431], trnV-UAC [complement(53440..54019)], clpP [complement(72662..73349)], clpP [complement(73641..74407)], petB [77374..78144], petD [78988..79732], rpl16 [complement(84084..85092)], rpl2 [complement(87209..87870)], ndhB [complement(97900..98578)], trnI-GAU [105022..105960], trnA-UGC [106098..106903], ndhA [complement(123349..124466)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105961..105995], trnA-UGC [106060..106097], trnA-UGC [106904..106938], ndhA [complement(122808..123348)], ndhA [complement(124467..125017)], trnA-UGC [complement(137476..137510)], trnA-UGC [complement(138317..138354)], trnI-GAU [complement(138419..138453)], trnI-GAU [complement(139393..139434)], ndhB [145059..145835], ndhB [146515..147270], rpl2 [156151..156543], rpl2 [157206..157640]	[complement(137511..138316)], trnI-GAU [complement(138454..139392)], ndhB [145836..146514], rpl2 [156544..157205]
1822.	HYIM	72	rps12 [complement(99258..99283)], rps12 [complement(99830..100061)], rps12 [complement(71151..71264)], trnK-UUU [complement(1524..1558)], trnK-UUU [complement(4019..4055)], rps16 [complement(5119..5343)], rps16 [complement(6219..6257)], trnG-UCC [8619..8641], trnG-UCC [9344..9391], atpF [complement(11376..11783)], atpF [complement(12506..12664)], rpoC1 [complement(20587..22236)], rpoC1 [complement(23030..23464)], ycf3 [complement(43510..43662)], ycf3 [complement(44482..44709)], ycf3 [complement(45442..45567)], trnL-UAA [48842..48876], trnL-UAA [49432..49481], trnV-UAC [complement(52337..52373)], trnV-UAC [complement(52965..53002)], rps12 [141239..141470], rps12 [142017..142042], clpP [complement(71403..71630)], clpP [complement(72295..72585)], clpP [complement(73643..73711)], petB [76624..76629], petB [77342..77983], petD [78188..78195], petD [78886..79360], rpl16 [complement(82816..83220)], rpl16 [complement(84149..84157)], rpl2 [complement(85790..86224)], rpl2 [complement(86895..87287)], ndhB [complement(96218..96973)], ndhB [complement(97648..98424)], trnI-GAU [103891..103932], trnI-GAU [104859..104893], trnA-UGC [104967..105004], trnA-UGC [105805..105839], ndhA [complement(120941..121486)], ndhA [complement(122679..123230)], trnA-UGC [complement(135461..135495)], trnA-UGC [complement(136296..136333)], trnI-GAU [complement(136407..136441)], trnI-GAU [complement(137368..137409)], ndhB [142876..143652], ndhB [144327..145082], rpl2 [154013..154402], rpl2 [155076..155510]	trnK-UUU [complement(1559..4018)], rps16 [complement(5344..6218)], trnG-UCC [8642..9343], atpF [complement(11784..12505)], rpoC1 [complement(22237..23029)], ycf3 [complement(43663..44481)], ycf3 [complement(44710..45441)], trnL-UAA [48877..49431], trnV-UAC [complement(52374..52964)], clpP [complement(71631..72294)], clpP [complement(72586..73642)], petB [76630..77341], petD [78196..78885], rpl16 [complement(83221..84148)], rpl2 [complement(86225..86894)], ndhB [complement(96974..97647)], trnI-GAU [103933..104858], trnA-UGC [105005..105804], ndhA [complement(121487..122678)], trnA-UGC [complement(135496..136295)], trnI-GAU [complement(136442..137367)], ndhB [143653..144326], rpl2 [154403..155075]
1823.	HYLU	42	rps12 [complement(72105..72218)], trnK-UUU [complement(1716..1750)], trnK-UUU [complement(4254..4290)], trnG-UCC [9822..9844], trnG-UCC [10530..10577], trnL-UAA [49058..49092], trnL-UAA [49613..49662], trnV-	trnK-UUU [complement(1751..4253)], rps16 [complement(5376..6239)], trnG-UCC [9845..10529], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(53522..53558)], trnV-UAC [complement(54139..54177)], rps12 [143943..143969], ndhB [complement(98501..99277)], trnI-GAU [104870..104906], trnI-GAU [105851..105885], trnA-UGC [105950..105987], trnA-UGC [106794..106828], trnA-UGC [complement(137263..137297)], trnA-UGC [complement(138104..138141)], trnI-GAU [complement(138206..138240)], trnI-GAU [complement(139180..139221)]	[complement(12910..13612)], rpoC1 [complement(23396..24164)], ycf3 [complement(44173..44915)], ycf3 [complement(45144..45853)], trnL-UAA [49093..49612], trnV-UAC [complement(53559..54138)], clpP [complement(72585..73281)], clpP [complement(73573..74344)], petB [77318..78081], petD [78927..79693], rps16 [complement(84022..85015)], rpl2 [complement(87128..87792)], ndhB [complement(97822..98500)], trnI-GAU [104907..105850], trnA-UGC [105988..106793], ndhA [complement(123102..124222)], trnA-UGC [complement(137298..138103)], trnI-GAU [complement(138241..139179)], ndhB [145591..146269], rpl2 [156302..156963]
1824.	HYM O	73	rps12 [complement(100223..100248)], rps12 [complement(100785..101016)], rps12 [complement(72205..72318)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4235..4271)], rps16 [complement(5166..5375)], rps16 [complement(6242..6280)], trnG-UCC [9874..9896], trnG-UCC [10577..10624], atpF [complement(12560..12967)], atpF [complement(13676..13834)], rpoC1 [complement(21779..23404)], rpoC1 [complement(24161..24595)], ycf3 [complement(44010..44162)], ycf3 [complement(44900..45127)], ycf3 [complement(45847..45972)], trnL-UAA [49023..49057], trnL-UAA [49576..49625], trnV-UAC [complement(53570..53606)], trnV-UAC [complement(54187..54225)], rps12 [complement(72205..72318)], rps12 [143364..143595], rps12 [144132..144157], clpP [complement(72457..72684)], clpP [complement(73379..73669)], clpP [complement(74446..74514)], petB [77397..77402], petB [78168..78809], petD [79003..79010], petD	trnK-UUU [complement(1731..4234)], rps16 [complement(5376..6241)], trnG-UCC [9897..10576], atpF [complement(12968..13675)], rpoC1 [complement(23405..24160)], ycf3 [complement(44163..44899)], ycf3 [complement(45128..45846)], trnL-UAA [49058..49575], trnV-UAC [complement(53607..54186)], clpP [complement(72685..73378)], clpP [complement(73670..74445)], petB [77403..78167], petD [79011..79765], rpl16 [complement(84118..85116)], rpl2 [complement(87243..87904)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79766..80240], rpl16 [complement(83716..84117)], rpl16 [complement(85117..85125)], rpl2 [complement(86808..87242)], rpl2 [complement(87905..88297)], ndhB [complement(97167..97922)], ndhB [complement(98602..99378)], trnI-GAU [104959..105000], trnI-GAU [105940..105974], trnA-UGC [106039..106076], trnA-UGC [106883..106917], ndhA [complement(122830..123369)], ndhA [complement(124477..125028)], trnA-UGC [complement(137463..137497)], trnA-UGC [complement(138304..138341)], trnI-GAU [complement(138406..138440)], trnI-GAU [complement(139380..139421)], ndhB [145002..145778], ndhB [146458..147213], rpl2 [156083..156472], rpl2 [157138..157572]	[complement(97923..98601)], trnI-GAU [105001..105939], trnA-UGC [106077..106882], ndhA [complement(123370..124476)], trnA-UGC [complement(137498..138303)], trnI-GAU [complement(138441..139379)], ndhB [145779..146457], rpl2 [156473..157137]
1825.	HYNE	76	rps12 [complement(168120..168151)], rps12 [complement(168693..168924)], rps12 [complement(68290..68403)], trnK-UUU [complement(1639..1673)], trnK-UUU [complement(4281..4317)], rps16 [complement(4912..5121)], rps16 [complement(6010..6051)], trnG-UCC [11041..11064], trnG-UCC [11768..11815], atpF [complement(13732..14138)], atpF [complement(14943..15087)], rpoC1 [complement(25163..26803)], rpoC1 [complement(27512..27946)], trnV-UAC [48079..48114], trnV-UAC [48717..48753], trnL-UAA [complement(52692..52741)], trnL-UAA [complement(53302..53336)], rps12 [complement(68290..68403)], rps12 [107369..107600], rps12 [108142..108173], clpP [complement(68573..68812)], clpP [complement(69481..69768)], clpP [complement(70503..70571)], petB [73548..73553], petB [74376..75017], petD [75216..75221], petD [75996..76472], ycf3 [complement(88013..88173)], ycf3 [complement(88930..89155)], ycf3 [complement(89904..90035)], rpl16 [complement(92755..93157)], rpl16 [complement(93906..93913)], rpl2 [complement(96267..96698)], rpl2 [complement(97344..97733)], ndhB [109040..109828], ndhB [110529..111284], trnI-GAU [114986..115022], trnI-GAU [115961..115995], trnA-UGC [116055..116092], trnA-UGC [116901..116935], ndhA [130283..130832], ndhA [131881..132419], ndhA [complement(143874..144412)], ndhA [complement(145461..146010)], trnA-UGC [complement(159358..159392)], trnA-UGC [complement(160201..160238)], trnI-GAU [complement(160298..160332)],	trnK-UUU [complement(1674..4280)], rps16 [complement(5122..6009)], trnG-UCC [11065..11767], atpF [complement(14139..14942)], rpoC1 [complement(26804..27511)], trnV-UAC [48115..48716], trnL-UAA [complement(52742..53301)], clpP [complement(68813..69480)], clpP [complement(69769..70502)], petB [73554..74375], petD [75222..75995], ycf3 [complement(88174..88929)], ycf3 [complement(89156..89903)], rpl16 [complement(93158..93905)], rpl2 [complement(96699..97343)], ndhB [109829..110528], trnI-GAU [115023..115960], trnA-UGC [116093..116900], ndhA [130833..131880], ndhA [complement(144413..145460)], trnA-UGC [complement(159393..160200)], trnI-GAU [complement(160333..161270)], ndhB [complement(165765..166464)], rpl2 [178950..179594]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(161271..161307)], ndhB [complement(165009..165764)], ndhB [complement(166465..167253)], rpl2 [178560..178949], rpl2 [179595..180026]	
1826.	HYNI	39	trnK-UUU [complement(1771..1807)], trnK-UUU [complement(4317..4353)], trnG-UCC [9150..9172], trnG-UCC [9860..9905], trnL-UAA [48258..48294], trnL-UAA [48790..48839], trnV-UAC [complement(52735..52771)], trnV-UAC [complement(53341..53378)], rps12 [142199..142237], trnI-GAU [104080..104121], trnI-GAU [104832..104866], trnA-UGC [104931..104968], trnA-UGC [105650..105684], trnA-UGC [complement(136142..136176)], trnA-UGC [complement(136858..136895)], trnI-GAU [complement(136960..136994)], trnI-GAU [complement(137705..137746)]	trnK-UUU [complement(1808..4316)], rps16 [complement(5277..6099)], trnG-UCC [9173..9859], atpF [complement(12251..12933)], rpoC1 [complement(22542..23279)], ycf3 [complement(43680..44438)], ycf3 [complement(44667..45398)], trnL-UAA [48295..48789], trnV-UAC [complement(52772..53340)], clpP [complement(72185..72811)], clpP [complement(73103..73894)], petB [76933..77685], petD [78532..79273], rpl16 [complement(83557..84567)], rpl2 [complement(86671..87336)], ndhB [complement(97327..98005)], trnI-GAU [104122..104831], trnA-UGC [104969..105649], ndhA [complement(121996..123124)], trnA-UGC [complement(136177..136857)], trnI-GAU [complement(136995..137704)], ndhB [143821..144499]
1827.	HYOB	73	rps12 [complement(100137..100162)], rps12 [complement(100699..100930)], rps12 [complement(72134..72247)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4235..4271)], rps16 [complement(5119..5343)], rps16 [complement(6216..6254)], trnG-UCC [9848..9870], trnG-UCC [10551..10598], atpF [complement(12516..12923)], atpF [complement(13633..13791)], rpoC1 [complement(21799..23424)], rpoC1 [complement(24180..24614)], ycf3 [complement(44068..44220)], ycf3 [complement(44958..45185)], ycf3 [complement(45896..46021)], trnL-UAA	trnK-UUU [complement(1750..4234)], rps16 [complement(5344..6215)], trnG-UCC [9871..10550], atpF [complement(12924..13632)], rpoC1 [complement(23425..24179)], ycf3 [complement(44221..44957)], ycf3 [complement(45186..45895)], trnL-UAA [49004..49523], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[48969..49003], trnL-UAA [49524..49573], trnV-UAC [complement(53546..53582)], trnV-UAC [complement(54165..54203)], rps12 [complement(72134..72247)], rps12 [143173..143404], rps12 [143941..143966], clpP [complement(72403..72630)], clpP [complement(73328..73618)], clpP [complement(74372..74440)], petB [77329..77334], petB [78092..78733], petD [78940..78947], petD [79704..80178], rpl16 [complement(83651..84052)], rpl16 [complement(85056..85064)], rpl2 [complement(86724..87158)], rpl2 [complement(87821..88213)], ndhB [complement(97097..97852)], ndhB [complement(98532..99308)], trnI-GAU [104869..104910], trnI-GAU [105850..105884], trnA-UGC [105949..105986], trnA-UGC [106793..106827], ndhA [complement(122678..123217)], ndhA [complement(124307..124858)], trnA-UGC [complement(137276..137310)], trnA-UGC [complement(138117..138154)], trnI-GAU [complement(138219..138253)], trnI-GAU [complement(139193..139234)], ndhB [144795..145571], ndhB [146251..147006], rpl2 [155890..156279], rpl2 [156945..157379]</p>	<p>[complement(53583..54164)], clpP [complement(72631..73327)], clpP [complement(73619..74371)], petB [77335..78091], petD [78948..79703], rpl16 [complement(84053..85055)], rpl2 [complement(87159..87820)], ndhB [complement(97853..98531)], trnI-GAU [104911..105849], trnA-UGC [105987..106792], ndhA [complement(123218..124306)], trnA-UGC [complement(137311..138116)], trnI-GAU [complement(138254..139192)], ndhB [145572..146250], rpl2 [156280..156944]</p>
1828.	HYP A	73	<p>rps12 [complement(100387..100412)], rps12 [complement(100949..101180)], rps12 [complement(72391..72504)], trnK-UUU [complement(1697..1731)], trnK-UUU [complement(4222..4258)], rps16 [complement(5108..5332)], rps16 [complement(6206..6244)], trnG-UCC [9819..9841], trnG-UCC [10523..10570], atpF [complement(12510..12917)], atpF [complement(13626..13784)], rpoC1 [complement(21761..23386)], rpoC1 [complement(24143..24577)], ycf3 [complement(44016..44168)], ycf3 [complement(44915..45142)], ycf3 [complement(45856..45981)], trnL-UAA [49048..49082], trnL-UAA [49602..49651], trnV-UAC [complement(53567..53603)], trnV-UAC [complement(54185..54223)], rps12 [complement(72391..72504)], rps12 [143578..143809], rps12 [144346..144371], clpP [complement(72651..72878)], clpP [complement(73555..73845)], clpP [complement(74622..74690)], petB [77570..77575], petB [78331..78972], petD [79166..79173], petD [79929..80403], rpl16 [complement(83877..84278)], rpl16 [complement(85283..85291)], rpl2 [complement(86959..87393)], rpl2</p>	<p>trnK-UUU [complement(1732..4221)], rps16 [complement(5333..6205)], trnG-UCC [9842..10522], atpF [complement(12918..13625)], rpoC1 [complement(23387..24142)], ycf3 [complement(44169..44914)], ycf3 [complement(45143..45855)], trnL-UAA [49083..49601], trnV-UAC [complement(53604..54184)], clpP [complement(72879..73554)], clpP [complement(73846..74621)], petB [77576..78330], petD [79174..79928], rpl16 [complement(84279..85282)], rpl2 [complement(87394..88055)], ndhB [complement(98087..98765)], trnI-GAU [105198..106136], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88056..88448)], ndhB [complement(97331..98086)], ndhB [complement(98766..99542)], trnI-GAU [105156..105197], trnI-GAU [106137..106171], trnA-UGC [106236..106273], trnA-UGC [107086..107120], ndhA [complement(123020..123559)], ndhA [complement(124647..125198)], trnA-UGC [complement(137638..137672)], trnA-UGC [complement(138485..138522)], trnI-GAU [complement(138587..138621)], trnI-GAU [complement(139561..139602)], ndhB [145216..145992], ndhB [146672..147427], rpl2 [156310..156699], rpl2 [157365..157799]	[106274..107085], ndhA [complement(123560..124646)], trnA-UGC [complement(137673..138484)], trnI-GAU [complement(138622..139560)], ndhB [145993..146671], rpl2 [156700..157364]
1829.	HYPE	73	rps12 [complement(100073..100098)], rps12 [complement(100635..100866)], rps12 [complement(72082..72195)], trnK-UUU [complement(1707..1741)], trnK-UUU [complement(4227..4263)], rps16 [complement(5115..5340)], rps16 [complement(6202..6239)], trnG-UCC [9728..9750], trnG-UCC [10434..10481], atpF [complement(12401..12811)], atpF [complement(13518..13673)], rpoC1 [complement(21652..23277)], rpoC1 [complement(24039..24494)], ycf3 [complement(43877..44031)], ycf3 [complement(44768..44993)], ycf3 [complement(45706..45831)], trnL-UAA [48759..48795], trnL-UAA [49314..49363], trnV-UAC [complement(53339..53375)], trnV-UAC [complement(53956..53994)], rps12 [complement(72082..72195)], rps12 [143160..143391], rps12 [143928..143953], clpP [complement(72334..72561)], clpP [complement(73259..73549)], clpP [complement(74303..74371)], petB [77260..77265], petB [78019..78660], petD [78860..78867], petD [79618..80092], rpl16 [complement(83566..83967)], rpl16 [complement(84969..84977)], rpl2 [complement(86649..87083)], rpl2 [complement(87746..88138)], ndhB [complement(97028..97783)], ndhB [complement(98463..99239)], trnI-GAU [104822..104863], trnI-GAU [105803..105837], trnA-UGC [105902..105939], trnA-UGC [106746..106780], ndhA [complement(122640..123180)], ndhA [complement(124258..124808)], trnA-UGC [complement(137246..137280)], trnA-UGC [complement(138087..138124)], trnI-GAU [complement(138189..138223)], trnI-GAU [complement(139163..139204)], ndhB [144787..145563], ndhB [146243..146998], rpl2 [155888..156280], rpl2 [156943..157377]	trnK-UUU [complement(1742..4226)], rps16 [complement(5341..6201)], trnG-UCC [9751..10433], atpF [complement(12812..13517)], rpoC1 [complement(23278..24038)], ycf3 [complement(44032..44767)], ycf3 [complement(44994..45705)], trnL-UAA [48796..49313], trnV-UAC [complement(53376..53955)], clpP [complement(72562..73258)], clpP [complement(73550..74302)], petB [77266..78018], petD [78868..79617], rpl16 [complement(83968..84968)], rpl2 [complement(87084..87745)], ndhB [complement(97784..98462)], trnI-GAU [104864..105802], trnA-UGC [105940..106745], ndhA [complement(123181..124257)], trnA-UGC [complement(137281..138086)], trnI-GAU [complement(138224..139162)], ndhB [145564..146242], rpl2 [156281..156942]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1830.	HYPL	73	<p>rps12 [complement(100397..100422)], rps12 [complement(100959..101190)], rps12 [complement(72394..72507)], trnK-UUU [complement(1681..1715)], trnK-UUU [complement(4224..4260)], rps16 [complement(5103..5327)], rps16 [complement(6213..6251)], trnG-UCC [9852..9874], trnG-UCC [10555..10602], atpF [complement(12551..12958)], atpF [complement(13667..13825)], rpoC1 [complement(21830..23446)], rpoC1 [complement(24202..24636)], ycf3 [complement(44022..44174)], ycf3 [complement(44910..45137)], ycf3 [complement(45855..45980)], trnL-UAA [49040..49074], trnL-UAA [49599..49648], trnV-UAC [complement(53610..53646)], trnV-UAC [complement(54227..54265)], rps12 [complement(72394..72507)], rps12 [143187..143418], rps12 [143955..143980], clpP [complement(72646..72873)], clpP [complement(73565..73855)], clpP [complement(74613..74681)], petB [77579..77584], petB [78363..79004], petD [79198..79205], petD [79940..80414], rpl16 [complement(83860..84261)], rpl16 [complement(85277..85285)], rpl2 [complement(86971..87405)], rpl2 [complement(88068..88460)], ndhB [complement(97341..98096)], ndhB [complement(98776..99552)], trnI-GAU [105165..105206], trnI-GAU [106146..106180], trnA-UGC [106245..106282], trnA-UGC [107089..107123], ndhA [complement(122621..123160)], ndhA [complement(124271..124822)], trnA-UGC [complement(137254..137288)], trnA-UGC [complement(138095..138132)], trnI-GAU [complement(138197..138231)], trnI-GAU [complement(139171..139212)], ndhB [144825..145601], ndhB [146281..147036], rpl2 [155917..156306], rpl2 [156972..157406]</p>	<p>trnK-UUU [complement(1716..4223)], rps16 [complement(5328..6212)], trnG-UCC [9875..10554], atpF [complement(12959..13666)], rpoC1 [complement(23447..24201)], ycf3 [complement(44175..44909)], ycf3 [complement(45138..45854)], trnL-UAA [49075..49598], trnV-UAC [complement(53647..54226)], clpP [complement(72874..73564)], clpP [complement(73856..74612)], petB [77585..78362], petD [79206..79939], rpl16 [complement(84262..85276)], rpl2 [complement(87406..88067)], ndhB [complement(98097..98775)], trnI-GAU [105207..106145], trnA-UGC [106283..107088], ndhA [complement(123161..124270)], trnA-UGC [complement(137289..138094)], trnI-GAU [complement(138232..139170)], ndhB [145602..146280], rpl2 [156307..156971]</p>
1831.	HYPO	72	<p>rps12 [complement(99657..99682)], rps12 [complement(100229..100460)], rps12 [complement(71420..71533)], trnK-UUU [complement(1512..1546)], trnK-UUU [complement(4027..4063)], rps16 [complement(5134..5358)], rps16 [complement(6204..6242)], trnG-UCC [8641..8663], trnG-UCC [9369..9416], atpF [complement(11389..11796)], atpF [complement(12510..12668)], rpoC1 [complement(20478..22127)], rpoC1 [complement(22909..23343)], ycf3 [complement(43465..43617)], ycf3 [complement(44425..44652)], ycf3 [complement(45377..45502)], trnL-UAA [48800..48834], trnL-UAA</p>	<p>trnK-UUU [complement(1547..4026)], rps16 [complement(5359..6203)], trnG-UCC [8664..9368], atpF [complement(11797..12509)], rpoC1 [complement(22128..22908)], ycf3 [complement(43618..44424)], ycf3 [complement(44653..45376)], trnL-UAA [48835..49390], trnV-UAC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49391..49440], trnV-UAC [complement(52478..52514)], trnV-UAC [complement(53110..53147)], rps12 [141827..142058], rps12 [142605..142630], clpP [complement(71679..71906)], clpP [complement(72589..72879)], clpP [complement(73924..73992)], petB [76913..76918], petB [77666..78307], petD [78510..78517], petD [79195..79669], rpl16 [complement(83164..83568)], rpl16 [complement(84478..84486)], rpl2 [complement(86180..86614)], rpl2 [complement(87281..87673)], ndhB [complement(96618..97373)], ndhB [complement(98048..98824)], trnI-GAU [104296..104337], trnI-GAU [105263..105297], trnA-UGC [105370..105407], trnA-UGC [106213..106247], ndhA [complement(121484..122029)], ndhA [complement(123219..123770)], trnA-UGC [complement(136040..136074)], trnA-UGC [complement(136880..136917)], trnI-GAU [complement(136990..137024)], trnI-GAU [complement(137950..137991)], ndhB [143463..144239], ndhB [144914..145669], rpl2 [154614..155003], rpl2 [155673..156107]	[complement(52515..53109)], clpP [complement(71907..72588)], clpP [complement(72880..73923)], petB [76919..77665], petD [78518..79194], rpl16 [complement(83569..84477)], rpl2 [complement(86615..87280)], ndhB [complement(97374..98047)], trnI-GAU [104338..105262], trnA-UGC [105408..106212], ndhA [complement(122030..123218)], trnA-UGC [complement(136075..136879)], trnI-GAU [complement(137025..137949)], ndhB [144240..144913], rpl2 [155004..155672]
1832.	HYRA	72	rps12 [complement(96114..96139)], rps12 [complement(96675..96906)], rps12 [complement(68435..68548)], trnK-UUU [complement(1776..1810)], trnK-UUU [complement(4334..4370)], rps16 [complement(5171..5385)], rps16 [complement(6247..6286)], rpoC1 [16166..16597], rpoC1 [17321..18958], atpF [26858..27002], atpF [27713..28122], trnG-UCC [complement(30161..30207)], trnG-UCC [complement(30916..30938)], ycf3 [complement(42113..42265)], ycf3 [complement(43014..43243)], ycf3 [complement(43931..44054)], trnL-UAA [46926..46962], trnL-UAA [47403..47452], trnV-UAC [complement(50461..50497)], trnV-UAC [complement(51074..51111)], rps12 [137349..137580], rps12 [138116..138141], clpP [complement(68709..68937)], clpP [complement(69533..69823)], clpP [complement(70633..70703)], petB [73609..73614], petB [74384..75025], petD [75222..75229], petD [75930..76404], rpl16 [complement(79866..80264)], rpl16 [complement(81369..81377)], rpl2 [complement(83040..83473)], rpl2 [complement(84139..84529)], ndhB [complement(93097..93852)], ndhB [complement(94522..95298)], trnI-GAU [100865..100907], trnI-GAU	trnK-UUU [complement(1811..4333)], rps16 [complement(5386..6246)], rpoC1 [16598..17320], atpF [27003..27712], trnG-UCC [complement(30208..30915)], ycf3 [complement(42266..43013)], ycf3 [complement(43244..43930)], trnL-UAA [46963..47402], trnV-UAC [complement(50498..51073)], clpP [complement(68938..69532)], clpP [complement(69824..70632)], petB [73615..74383], petD [75230..75929], rpl16 [complement(80265..81368)], rpl2 [complement(83474..84138)], ndhB [complement(93853..94521)], trnI-GAU [100908..101849], trnA-UGC [101984..102802], ndhA [complement(118012..119053)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101850..101884], trnA-UGC [101946..101983], trnA-UGC [102803..102837], ndhA [complement(117473..118011)], ndhA [complement(119054..119606)], trnA-UGC [complement(131418..131452)], trnA-UGC [complement(132272..132309)], trnI-GAU [complement(132371..132405)], trnI-GAU [complement(133348..133390)], ndhB [138957..139733], ndhB [140403..141158], rpl2 [149726..150116], rpl2 [150782..151215]	[complement(131453..132271)], trnI-GAU [complement(132406..133347)], ndhB [139734..140402], rpl2 [150117..150781]
1833.	HYRU	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3900..3936)], rps12 [129360..129388]	trnK-UUU [complement(1416..3899)], rps16 [complement(4719..5562)], trnG-UCC [complement(13322..14019)], atpF [34033..34864], ycf3 [complement(43179..43911)], ycf3 [complement(44140..44923)], trnL-UAA [47838..48293], trnV-UAC [complement(52055..52656)], petB [72119..72869], petD [73708..74472], rpl16 [complement(78884..79933)], rpl2 [complement(82331..82993)], ndhB [complement(88893..89596)], trnI-GAU [95891..96837], trnA-UGC [96976..97790], ndhA [complement(113829..114851)], trnA-UGC [complement(122801..123615)], trnI-GAU [complement(123754..124700)], ndhB [130995..131698], rpl2 [137598..138260]
1834.	HYSE	70	rps12 [complement(100308..100333)], rps12 [complement(100870..101101)], rps12 [complement(72302..72415)], trnK-UUU [complement(1701..1735)], trnK-UUU [complement(4239..4275)], rps16 [complement(5155..5379)], rps16 [complement(6242..6280)], trnG-UCC [9898..9920], trnG-UCC [10606..10653], atpF [complement(12584..12991)], atpF [complement(13699..13857)], rpoC1 [complement(21861..23486)], rpoC1 [complement(24286..24741)], ycf3 [complement(44240..44392)], ycf3 [complement(45137..45364)], ycf3 [complement(46077..46202)], trnV-UAC [complement(53744..53780)], trnV-UAC [complement(54361..54399)], rps12	trnK-UUU [complement(1736..4238)], rps16 [complement(5380..6241)], trnG-UCC [9921..10605], atpF [complement(12992..13698)], rpoC1 [complement(23487..24285)], ycf3 [complement(44393..45136)], ycf3 [complement(45365..46076)], trnV-UAC [complement(53781..54360)], clpP [complement(72782..73476)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72302..72415)], rps12 [143419..143650], rps12 [144187..144212], clpP [complement(72554..72781)], clpP [complement(73477..73767)], clpP [complement(74539..74607)], petB [77514..77519], petB [78286..78927], petD [79128..79135], petD [79891..80365], rpl16 [complement(83817..84218)], rpl16 [complement(85213..85221)], rpl2 [complement(86897..87331)], rpl2 [complement(87994..88386)], ndhB [complement(97252..98007)], ndhB [complement(98687..99463)], trnI-GAU [105056..105097], trnI-GAU [106037..106071], trnA-UGC [106136..106173], trnA-UGC [106980..107014], ndhA [complement(122807..123346)], ndhA [complement(124468..125019)], trnA-UGC [complement(137506..137540)], trnA-UGC [complement(138347..138384)], trnI-GAU [complement(138449..138483)], trnI-GAU [complement(139423..139464)], ndhB [145057..145833], ndhB [146513..147268], rpl2 [156134..156523], rpl2 [157189..157623]	[complement(73768..74538)], petB [77520..78285], petD [79136..79890], rpl16 [complement(84219..85212)], rpl2 [complement(87332..87993)], ndhB [complement(98008..98686)], trnI-GAU [105098..106036], trnA-UGC [106174..106979], ndhA [complement(123347..124467)], trnA-UGC [complement(137541..138346)], trnI-GAU [complement(138484..139422)], ndhB [145834..146512], rpl2 [156524..157188]
1835.	HYSI	72	rps12 [complement(96904..96926)], rps12 [complement(97466..97697)], rps12 [complement(69547..69660)], trnK-UUU [complement(1627..1661)], trnK-UUU [complement(4181..4217)], rps16 [complement(5053..5249)], rps16 [complement(6128..6167)], trnG-UCC [9263..9285], trnG-UCC [9985..10032], atpF [complement(11985..12394)], atpF [complement(13118..13262)], rpoC1 [complement(21214..22860)], rpoC1 [complement(23670..24122)], ycf3 [complement(42793..42945)], ycf3 [complement(43731..43958)], ycf3 [complement(44709..44834)], trnL-UAA [47904..47940], trnL-UAA [48461..48509], trnV-UAC [complement(51997..52033)], trnV-UAC [complement(52604..52642)], rps12 [139248..139479], rps12 [140016..140041], clpP [complement(69813..70040)], clpP [complement(70699..70990)], clpP [complement(71780..71850)], petB [74670..74675], petB [75449..76090], petD [76321..76328], petD [77108..77582], rpl16 [complement(81021..81419)], rpl16 [complement(82394..82402)], rpl2 [complement(84189..84622)], rpl2 [complement(85289..85679)], ndhB [complement(93875..94630)], ndhB [complement(95310..96086)], trnI-GAU [101588..101624], trnI-GAU [102571..102603], trnA-UGC [102668..102705], trnA-UGC [103510..103544],	trnK-UUU [complement(1662..4180)], rps16 [complement(5250..6127)], trnG-UCC [9286..9984], atpF [complement(12395..13117)], rpoC1 [complement(22861..23669)], ycf3 [complement(42946..43730)], ycf3 [complement(43959..44708)], trnL-UAA [47941..48460], trnV-UAC [complement(52034..52603)], clpP [complement(70041..70698)], clpP [complement(70991..71779)], petB [74676..75448], petD [76329..77107], rpl16 [complement(81420..82393)], rpl2 [complement(84623..85288)], ndhB [complement(94631..95309)], trnI-GAU [101625..102570], trnA-UGC [102706..103509], ndhA [complement(119424..120527)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(118884..119423)], ndhA [complement(120528..121079)], trnA-UGC [complement(133401..133435)], trnA-UGC [complement(134240..134277)], trnI-GAU [complement(134342..134376)], trnI-GAU [complement(135321..135357)], ndhB [140859..141635], ndhB [142315..143070], rpl2 [151266..151656], rpl2 [152323..152756]	[complement(133436..134239)], trnI-GAU [complement(134377..135320)], ndhB [141636..142314], rpl2 [151657..152322]
1836.	HYSU	64	rps12 [complement(91117..91145)], rps12 [complement(91686..91917)], rps12 [complement(68139..68252)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3906..3942)], rps16 [complement(4493..4710)], rps16 [complement(5556..5595)], trnG-UCC [complement(13218..13265)], trnG-UCC [complement(13964..13986)], atpF [33844..34002], atpF [34824..35231], ycf3 [complement(42967..43125)], ycf3 [complement(43862..44089)], ycf3 [complement(44848..44979)], trnL-UAA [47731..47765], trnL-UAA [48222..48271], trnV-UAC [complement(51982..52018)], trnV-UAC [complement(52621..52659)], rps12 [128487..128718], rps12 [129259..129287], petB [72009..72014], petB [72771..73418], petD [73601..73608], petD [74374..74848], rpl16 [complement(78384..78785)], rpl16 [complement(79822..79830)], rpl2 [complement(81807..82238)], rpl2 [complement(82902..83291)], ndhB [complement(88050..88805)], ndhB [complement(89510..90286)], trnI-GAU [95759..95800], trnI-GAU [96749..96783], trnA-UGC [96849..96886], trnA-UGC [97697..97731], ndhA [complement(113186..113725)], ndhA [complement(114755..115303)], trnA-UGC [complement(122673..122707)], trnA-UGC [complement(123518..123555)], trnI-GAU [complement(123621..123655)], trnI-GAU [complement(124604..124645)], ndhB [130118..130894], ndhB [131599..132354], rpl2 [137113..137502], rpl2 [138166..138597]	trnK-UUU [complement(1412..3905)], rps16 [complement(4711..5555)], trnG-UCC [complement(13266..13963)], atpF [34003..34823], ycf3 [complement(43126..43861)], ycf3 [complement(44090..44847)], trnL-UAA [47766..48221], trnV-UAC [complement(52019..52620)], petB [72015..72770], petD [73609..74373], rpl16 [complement(78786..79821)], rpl2 [complement(82239..82901)], ndhB [complement(88806..89509)], trnI-GAU [95801..96748], trnA-UGC [96887..97696], ndhA [complement(113726..114754)], trnA-UGC [complement(122708..123517)], trnI-GAU [complement(123656..124603)], ndhB [130895..131598], rpl2 [137503..138165]
1837.	HYTI	61	rps12 [complement(98667..98909)], rps12 [complement(70484..70654)], trnK-UUU [complement(1650..1683)], trnK-UUU [complement(4212..4248)], rps16 [complement(4927..5122)], rps16 [complement(5937..5974)], atpF [complement(11292..11730)], atpF [complement(12393..12550)], rpoC1 [complement(20524..22149)], rpoC1 [complement(22884..23339)], ycf3 [complement(43024..43176)], ycf3 [complement(43895..44123)], ycf3 [complement(44861..44988)], trnL-UAA [48171..48207], trnL-UAA	trnK-UUU [complement(1684..4211)], rps16 [complement(5123..5936)], atpF [complement(11731..12392)], rpoC1 [complement(22150..22883)], ycf3 [complement(43177..43894)], ycf3 [complement(44124..44860)], trnL-UAA [48208..48721], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48722..48771], trnV-UAC [complement(51972..52008)], trnV-UAC [complement(52603..52640)], rps12 [140146..140388], clpP [complement(70800..71025)], clpP [complement(71674..71964)], clpP [complement(72778..72845)], petB [75136..75141], petB [76529..77176], rpl2 [complement(85026..85460)], rpl2 [complement(86122..86514)], ndhB [complement(95076..95831)], ndhB [complement(96505..97281)], trnI-GAU [102766..102807], trnI-GAU [103736..103770], trnA-UGC [103834..103871], trnA-UGC [104679..104713], ndhA [complement(119934..120472)], ndhA [complement(121563..122109)], trnA-UGC [complement(134342..134376)], trnA-UGC [complement(135184..135221)], trnI-GAU [complement(135285..135319)], trnI-GAU [complement(136248..136289)], ndhB [141774..142550], ndhB [143224..143979], rpl2 [152541..152933], rpl2 [153595..154029]	[complement(52009..52602)], clpP [complement(71026..71673)], clpP [complement(71965..72777)], petB [75142..76528], rpl2 [complement(85461..86121)], ndhB [complement(95832..96504)], trnI-GAU [102808..103735], trnA-UGC [103872..104678], ndhA [complement(120473..121562)], trnA-UGC [complement(134377..135183)], trnI-GAU [complement(135320..136247)], ndhB [142551..143223], rpl2 [152934..153594]
1838.	HYTR	1	rps12 [152429..152454]	-
1839.	HYV A	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3907..3943)], rps12 [129578..129606]	trnK-UUU [complement(1416..3906)], rps16 [complement(4704..5547)], trnG-UCC [complement(13344..14041)], atpF [34183..35019], ycf3 [complement(43387..44119)], ycf3 [complement(44348..45105)], trnL-UAA [48028..48483], trnV-UAC [complement(52241..52836)], petB [72341..73091], petD [73930..74670], rpl16 [complement(79087..80127)], rpl2 [complement(82549..83211)], ndhB [complement(89105..89808)], trnI-GAU [96103..97050], trnA-UGC [97189..97998], ndhA [complement(114052..115073)], trnA-UGC [complement(123023..123832)], trnI-GAU [complement(123971..124918)], ndhB [131213..131916], rpl2 [137810..138472]
1840.	HYVE	41	rps12 [complement(69765..69878)], trnK-UUU [complement(1638..1672)],	trnK-UUU [complement(1673..4202)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4203..4239)], trnG-UCC [9345..9367], trnG-UCC [10068..10115], trnL-UAA [48329..48363], trnL-UAA [48880..48928], trnV-UAC [complement(51856..51890)], trnV-UAC [complement(52469..52507)], rps12 [140343..140368], trnI-GAU [101869..101905], trnI-GAU [102852..102884], trnA-UGC [102949..102986], trnA-UGC [103791..103825], trnA-UGC [complement(133735..133769)], trnA-UGC [complement(134574..134611)], trnI-GAU [complement(134676..134710)], trnI-GAU [complement(135655..135691)]	[complement(5266..6140)], trnG-UCC [9368..10067], atpF [complement(12452..13176)], rpoC1 [complement(22949..23753)], ycf3 [complement(43354..44114)], ycf3 [complement(44343..45068)], trnL-UAA [48364..48879], trnV-UAC [complement(51891..52468)], clpP [complement(70259..70915)], clpP [complement(71208..71987)], petB [74878..75651], petD [76529..77299], rpl16 [complement(81618..82633)], rpl2 [complement(84910..85575)], ndhB [complement(94919..95597)], trnI-GAU [101906..102851], trnA-UGC [102987..103790], ndhA [complement(119849..120960)], trnA-UGC [complement(133770..134573)], trnI-GAU [complement(134711..135654)], ndhB [141963..142641], rpl2 [151985..152650]
1841.	HYVI	6	rps12 [complement(4039..4143)], rps12 [17109..17337], rps12 [17568..17593], rpl16 [complement(5686..6090)], rpl16 [complement(6548..6556)]	rpl16 [complement(6091..6547)]
1842.	IDAU	41	rps12 [complement(71112..71225)], trnK-UUU [complement(1758..1791)], trnK-UUU [complement(4290..4326)], rps16 [complement(5150..5370)], rps16 [complement(6164..6203)], trnG-GCC [9086..9119], trnG-GCC [9864..9911], trnL-UAA [47853..47887], trnL-UAA [48369..48418], trnV-UAC [complement(52315..52351)], trnV-UAC [complement(52943..52981)], trnI-GAU [103232..103273], trnI-GAU [104216..104250], trnA-UGC [104315..104352], trnA-UGC [105151..105185], trnA-UGC [complement(135065..135099)], trnA-UGC [complement(135898..135935)], trnI-GAU [complement(136000..136034)], trnI-GAU	trnK-UUU [complement(1792..4289)], rps16 [complement(5371..6163)], trnG-GCC [9120..9863], atpF [complement(12250..12956)], rpoC1 [complement(22315..23034)], ycf3 [complement(43293..44001)], ycf3 [complement(44230..44962)], trnL-UAA [47888..48368], trnV-UAC [complement(52352..52942)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136977..137018)]	[complement(71618..72246)], clpP [complement(72538..73299)], petB [76264..77033], petD [77888..78591], rpl16 [complement(82911..83850)], rpl2 [complement(85956..86617)], ndhB [complement(96889..97588)], trnI-GAU [103274..104215], trnA-UGC [104353..105150], ndhA [complement(121330..122405)], trnA-UGC [complement(135100..135897)], trnI-GAU [complement(136035..136976)], ndhB [142662..143361]
1843.	IDPO	60	rps12 [complement(99107..99133)], rps12 [complement(99670..99900)], rps12 [complement(70146..70259)], trnK-UUU [complement(1744..1772)], trnK-UUU [complement(4329..4365)], atpF [complement(10567..11055)], atpF [complement(11689..11847)], rpoC1 [complement(19867..21492)], rpoC1 [complement(22254..22688)], ycf3 [complement(42562..42714)], ycf3 [complement(43428..43655)], ycf3 [complement(44374..44502)], trnL-UAA [46735..46771], trnL-UAA [47351..47400], trnV-UAC [complement(51525..51561)], trnV-UAC [complement(52160..52198)], rps12 [141905..142135], rps12 [142672..142698], clpP [complement(70374..70601)], clpP [complement(71247..71537)], clpP [complement(72335..72403)], rpl16 [complement(82014..82414)], rpl16 [complement(83550..83559)], rpl2 [complement(85327..85797)], rpl2 [complement(86427..86819)], ndhB [complement(96039..96794)], ndhB [complement(97477..98253)], trnI-GAU [103947..103988], trnI-GAU [104932..104966], trnA-UGC [105031..105068], trnA-UGC [105872..105906], ndhA [complement(121193..121738)], ndhA [complement(122773..123324)], trnA-UGC [complement(135899..135933)], trnA-UGC [complement(136737..136774)], trnI-GAU [complement(136839..136873)], trnI-GAU [complement(137817..137858)], ndhB [143552..144328], ndhB [145011..145766], rpl2 [154986..155378], rpl2 [156008..156478]	trnK-UUU [complement(1773..4328)], atpF [complement(11056..11688)], rpoC1 [complement(21493..22253)], ycf3 [complement(42715..43427)], ycf3 [complement(43656..44373)], trnL-UAA [46772..47350], trnV-UAC [complement(51562..52159)], clpP [complement(70602..71246)], clpP [complement(71538..72334)], rpl16 [complement(82415..83549)], rpl2 [complement(85798..86426)], ndhB [complement(96795..97476)], trnI-GAU [103989..104931], trnA-UGC [105069..105871], ndhA [complement(121739..122772)], trnA-UGC [complement(135934..136736)], trnI-GAU [complement(136874..137816)], ndhB [144329..145010], rpl2 [155379..156007]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1844.	ILAN	64	trnK-UUU [complement(2263..2299)], trnK-UUU [complement(4841..4877)], rps16 [complement(5681..5901)], rps16 [complement(6739..6778)], trnG-UCC [10582..10605], trnG-UCC [11325..11372], atpF [complement(13300..13715)], atpF [complement(14530..14674)], rpoC1 [complement(22469..24085)], rpoC1 [complement(24820..25272)], ycf3 [complement(45333..45485)], ycf3 [complement(46246..46475)], ycf3 [complement(47213..47336)], trnL-UAA [50099..50133], trnL-UAA [50641..50690], trnV-UAC [complement(54264..54300)], trnV-UAC [complement(54903..54941)], rps12 [complement(72951..73064)], rps12 [138805..139036], rps12 [139568..139593], clpP [complement(73222..73467)], clpP [complement(74105..74396)], clpP [complement(75190..75260)], petB [78168..78173], petB [78926..79567], petD [79732..79739], petD [80454..80979], rpl16 [complement(84450..84851)], rpl16 [complement(85857..85865)], rpl2 [complement(87525..87955)], rpl2 [complement(88611..89007)], trnI-GAU [100283..100324], trnI-GAU [101260..101294], trnA-UGC [101359..101396], trnA-UGC [102195..102229], ndhA [complement(118433..118974)], ndhA [complement(120046..120598)], trnA-UGC [complement(133002..133036)], trnA-UGC [complement(133835..133872)], trnI-GAU [complement(133937..133971)], trnI-GAU [complement(134907..134948)], ndhB [140505..141227], ndhB [141935..142690]	trnK-UUU [complement(2300..4840)], rps16 [complement(5902..6738)], trnG-UCC [10606..11324], atpF [complement(13716..14529)], rpoC1 [complement(24086..24819)], ycf3 [complement(45486..46245)], ycf3 [complement(46476..47212)], trnL-UAA [50134..50640], trnV-UAC [complement(54301..54902)], clpP [complement(73468..74104)], clpP [complement(74397..75189)], petB [78174..78925], petD [79740..80453], rpl16 [complement(84852..85856)], rpl2 [complement(87956..88610)], trnI-GAU [100325..101259], trnA-UGC [101397..102194], ndhA [complement(118975..120045)], trnA-UGC [complement(133037..133834)], trnI-GAU [complement(133972..134906)], ndhB [141228..141934]
1845.	ILCO	70	rps12 [complement(100095..100120)], rps12 [complement(100662..100893)], rps12 [complement(72060..72173)], trnK-UUU [complement(1738..1772)], trnK-UUU [complement(4333..4369)], rps16 [complement(5226..5452)], rps16 [complement(6322..6361)], trnG-UCC [9773..9795], trnG-UCC [10497..10544], atpF [complement(12587..12996)], atpF [complement(13695..13839)], rpoC1 [complement(21809..23434)], rpoC1 [complement(24193..24648)], ycf3 [complement(44447..44599)], ycf3 [complement(45349..45576)], ycf3 [complement(46306..46431)], trnL-UAA [48913..48949], trnL-UAA [49440..49489], trnV-UAC [complement(53448..53484)], trnV-UAC [complement(54065..54103)], clpP [complement(72355..72582)], clpP [complement(73235..73526)], clpP	trnK-UUU [complement(1773..4332)], rps16 [complement(5453..6321)], trnG-UCC [9796..10496], atpF [complement(12997..13694)], rpoC1 [complement(23435..24192)], ycf3 [complement(44600..45348)], ycf3 [complement(45577..46305)], trnL-UAA [48950..49439], trnV-UAC [complement(53485..54064)], clpP [complement(72583..73234)], clpP [complement(73527..74353)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74354..74424)], petB [77347..77352], petB [78113..78754], petD [78949..78956], petD [79678..80152], rpl16 [complement(83656..84054)], rpl16 [complement(84985..84993)], rpl2 [complement(86681..87114)], rpl2 [complement(87779..88169)], ndhB [complement(97033..97788)], ndhB [complement(98468..99244)], trnI-GAU [104829..104870], trnI-GAU [105805..105839], trnA-UGC [105904..105941], trnA-UGC [106749..106783], ndhA [complement(122334..122872)], ndhA [complement(124018..124570)], trnA-UGC [complement(137053..137087)], trnA-UGC [complement(137895..137932)], trnI-GAU [complement(137997..138031)], trnI-GAU [complement(138967..139008)], ndhB [144592..145369], ndhB [146049..146803], rpl2 [155667..156058], rpl2 [156723..157155]	[77353..78112], petD [78957..79677], rpl16 [complement(84055..84984)], rpl2 [complement(87115..87778)], ndhB [complement(97789..98467)], trnI-GAU [104871..105804], trnA-UGC [105942..106748], ndhA [complement(122873..124017)], trnA-UGC [complement(137088..137894)], trnI-GAU [complement(138032..138966)], ndhB [145370..146048], rpl2 [156059..156722]
1846.	ILFL	64	rps12 [complement(100895..100920)], rps12 [complement(101447..101678)], rps12 [complement(23898..24008)], rpl2 [7863..8259], rpl2 [8924..9354], rpl16 [11017..11025], rpl16 [12029..12430], petD [complement(15925..16450)], petD [complement(17172..17179)], petB [complement(17350..17991)], petB [complement(18768..18773)], clpP [21675..21745], clpP [22545..22836], clpP [23495..23740], trnV-UAC [42215..42253], trnV-UAC [42857..42893], trnL-UAA [complement(46904..46953)], trnL-UAA [complement(47471..47505)], ycf3 [50287..50410], ycf3 [51155..51384], ycf3 [52141..52293], rpoC1 [72414..72866], rpoC1 [73592..75208], atpF [83188..83332], atpF [84164..84579], trnG-UCC [complement(86504..86551)], trnG-UCC [complement(87271..87294)], rps16 [90962..91001], rps16 [91834..92054], trnK-UUU [92884..92920], trnK-UUU [95463..95499], ndhB [complement(97791..98546)], ndhB [complement(99261..99983)], trnI-GAU [105108..105149], trnI-GAU [106085..106119], trnA-UGC [106184..106221], trnA-UGC [107020..107054], ndhA [complement(123222..123763)], ndhA [complement(124820..125372)], trnA-UGC [complement(137869..137903)], trnA-UGC [complement(138702..138739)], trnI-GAU [complement(138804..138838)], trnI-GAU [complement(139774..139815)]	rpl2 [8260..8923], rpl16 [11026..12028], petD [complement(16451..17171)], petB [complement(17992..18767)], clpP [21746..22544], clpP [22837..23494], trnV-UAC [42254..42856], trnL-UAA [complement(46954..47470)], ycf3 [50411..51154], ycf3 [51385..52140], rpoC1 [72867..73591], atpF [83333..84163], trnG-UCC [complement(86552..87270)], rps16 [91002..91833], trnK-UUU [92921..95462], ndhB [complement(98547..99260)], trnI-GAU [105150..106084], trnA-UGC [106222..107019], ndhA [complement(123764..124819)], trnA-UGC [complement(137904..138701)], trnI-GAU [complement(138839..139773)]
1847.	ILHE	64	trnK-UUU [complement(2255..2291)], trnK-UUU [complement(4827..4863)], rps16 [complement(5657..5877)], rps16 [complement(6707..6746)], trnG-UCC	trnK-UUU [complement(2292..4826)], rps16 [complement(5878..6706)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10720..10743], trnG-UCC [11462..11509], atpF [complement(13437..13852)], atpF [complement(14666..14810)], rpoC1 [complement(22751..24370)], rpoC1 [complement(25105..25557)], ycf3 [complement(45562..45714)], ycf3 [complement(46470..46699)], ycf3 [complement(47443..47566)], trnL-UAA [50393..50427], trnL-UAA [50945..50994], trnV-UAC [complement(55023..55059)], trnV-UAC [complement(55662..55700)], rps12 [complement(73598..73711)], rps12 [139306..139537], rps12 [140064..140089], clpP [complement(73869..74114)], clpP [complement(74755..75046)], clpP [complement(75843..75913)], petB [78809..78814], petB [79555..80196], petD [80361..80368], petD [81094..81619], rpl16 [complement(85105..85506)], rpl16 [complement(86497..86505)], rpl2 [complement(88159..88589)], rpl2 [complement(89254..89662)], trnI-GAU [101000..101041], trnI-GAU [101977..102011], trnA-UGC [102076..102113], trnA-UGC [102912..102946], ndhA [complement(118794..119335)], ndhA [complement(120404..120956)], trnA-UGC [complement(133408..133442)], trnA-UGC [complement(134241..134278)], trnI-GAU [complement(134343..134377)], trnI-GAU [complement(135313..135354)], ndhB [141015..141737], ndhB [142452..143207]	[10744..11461], atpF [complement(13853..14665)], rpoC1 [complement(24371..25104)], ycf3 [complement(45715..46469)], ycf3 [complement(46700..47442)], trnL-UAA [50428..50944], trnV-UAC [complement(55060..55661)], clpP [complement(74115..74754)], clpP [complement(75047..75842)], petB [78815..79554], petD [80369..81093], rpl16 [complement(85507..86496)], rpl2 [complement(88590..89253)], trnI-GAU [101042..101976], trnA-UGC [102114..102911], ndhA [complement(119336..120403)], trnA-UGC [complement(133443..134240)], trnI-GAU [complement(134378..135312)], ndhB [141738..142451]
1848.	ILIN	70	rps12 [complement(100421..100446)], rps12 [complement(100988..101219)], rps12 [complement(72396..72509)], trnK-UUU [complement(1738..1772)], trnK-UUU [complement(4333..4369)], rps16 [complement(5225..5451)], rps16 [complement(6321..6360)], trnG-UCC [9769..9791], trnG-UCC [10493..10540], atpF [complement(12583..12992)], atpF [complement(13693..13837)], rpoC1 [complement(21804..23429)], rpoC1 [complement(24188..24643)], ycf3 [complement(44436..44588)], ycf3 [complement(45338..45565)], ycf3 [complement(46291..46416)], trnL-UAA [49252..49288], trnL-UAA [49779..49828], trnV-UAC [complement(53787..53823)], trnV-UAC [complement(54403..54441)], clpP [complement(72691..72918)], clpP [complement(73571..73862)], clpP [complement(74687..74757)], petB [77680..77685], petB [78446..79087], petD [79282..79289], petD [80011..80485], rpl16 [complement(83981..84379)],	trnK-UUU [complement(1773..4332)], rps16 [complement(5452..6320)], trnG-UCC [9792..10492], atpF [complement(12993..13692)], rpoC1 [complement(23430..24187)], ycf3 [complement(44589..45337)], ycf3 [complement(45566..46290)], trnL-UAA [49289..49778], trnV-UAC [complement(53824..54402)], clpP [complement(72919..73570)], clpP [complement(73863..74686)], petB [77686..78445], petD [79290..80010], rpl16 [complement(84380..85309)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(85310..85318)], rpl2 [complement(87007..87440)], rpl2 [complement(88105..88495)], ndhB [complement(97359..98114)], ndhB [complement(98794..99570)], trnI-GAU [105155..105196], trnI-GAU [106131..106165], trnA-UGC [106230..106267], trnA-UGC [107075..107109], ndhA [complement(122659..123197)], ndhA [complement(124341..124893)], trnA-UGC [complement(137376..137410)], trnA-UGC [complement(138218..138255)], trnI-GAU [complement(138320..138354)], trnI-GAU [complement(139290..139331)], ndhB [144915..145692], ndhB [146372..147126], rpl2 [155990..156381], rpl2 [157046..157478]	[complement(87441..88104)], ndhB [complement(98115..98793)], trnI-GAU [105197..106130], trnA-UGC [106268..107074], ndhA [complement(123198..124340)], trnA-UGC [complement(137411..138217)], trnI-GAU [complement(138355..139289)], ndhB [145693..146371], rpl2 [156382..157045]
1849.	ILOL	39	rps12 [complement(73578..73688)], trnG-UCC [10613..10636], trnG-UCC [11368..11415], trnL-UAA [50250..50284], trnL-UAA [50802..50851], trnV-UAC [complement(54882..54918)], trnV-UAC [complement(55523..55561)], rps12 [complement(73575..73688)], rps12 [145397..145422], trnI-GAU [105898..105939], trnI-GAU [106875..106909], trnA-UGC [106974..107011], trnA-UGC [107810..107844], trnA-UGC [complement(138767..138801)], trnA-UGC [complement(139600..139637)], trnI-GAU [complement(139702..139736)], trnI-GAU [complement(140672..140713)]	trnK-UUU [complement(2286..4806)], rps16 [complement(5888..6738)], trnG-UCC [10637..11367], atpF [complement(13767..14586)], rpoC1 [complement(24337..25061)], ycf3 [complement(45598..46364)], ycf3 [complement(46595..47339)], trnL-UAA [50285..50801], trnV-UAC [complement(54919..55522)], clpP [complement(74092..74740)], clpP [complement(75033..75821)], petB [78799..79574], petD [80389..81113], rpl16 [complement(85532..86528)], rpl2 [complement(88618..89281)], ndhB [complement(98847..99554)], trnI-GAU [105940..106874], trnA-UGC [107012..107809], ndhA [complement(124650..125693)], trnA-UGC [complement(138802..139599)], trnI-GAU [complement(139737..140671)], ndhB [147057..147764]
1850.	ILPA	70	rps12 [complement(100611..100636)], rps12 [complement(101178..101409)], rps12 [complement(72632..72745)], trnK-UUU [complement(1729..1763)],	trnK-UUU [complement(1764..4334)], rps16 [complement(5456..6323)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4335..4371)], rps16 [complement(5229..5455)], rps16 [complement(6324..6363)], trnG-UCC [9789..9811], trnG-UCC [10514..10561], atpF [complement(12599..13008)], atpF [complement(13695..13839)], rpoC1 [complement(21806..23431)], rpoC1 [complement(24182..24637)], ycf3 [complement(44344..44496)], ycf3 [complement(45246..45473)], ycf3 [complement(46199..46324)], trnL-UAA [49158..49194], trnL-UAA [49685..49734], trnV-UAC [complement(53681..53717)], trnV-UAC [complement(54298..54336)], clpP [complement(72920..73147)], clpP [complement(73797..74088)], clpP [complement(74915..74985)], petB [77908..77913], petB [78675..79316], petD [79512..79519], petD [80241..80715], rpl16 [complement(84203..84601)], rpl16 [complement(85513..85521)], rpl2 [complement(87212..87645)], rpl2 [complement(88310..88700)], ndhB [complement(97554..98309)], ndhB [complement(98989..99765)], trnI-GAU [105344..105385], trnI-GAU [106321..106355], trnA-UGC [106420..106457], trnA-UGC [107265..107299], ndhA [complement(122747..123285)], ndhA [complement(124409..124961)], trnA-UGC [complement(137452..137486)], trnA-UGC [complement(138294..138331)], trnI-GAU [complement(138396..138430)], trnI-GAU [complement(139367..139408)], ndhB [144986..145763], ndhB [146443..147197], rpl2 [156051..156442], rpl2 [157107..157539]	[9812..10513], atpF [complement(13009..13694)], rpoC1 [complement(23432..24181)], ycf3 [complement(44497..45245)], ycf3 [complement(45474..46198)], trnL-UAA [49195..49684], trnV-UAC [complement(53718..54297)], clpP [complement(73148..73796)], clpP [complement(74089..74914)], petB [77914..78674], petD [79520..80240], rpl16 [complement(84602..85512)], rpl2 [complement(87646..88309)], ndhB [complement(98310..98988)], trnI-GAU [105386..106320], trnA-UGC [106458..107264], ndhA [complement(123286..124408)], trnA-UGC [complement(137487..138293)], trnI-GAU [complement(138431..139366)], ndhB [145764..146442], rpl2 [156443..157106]
1851.	ILVE	64	trnK-UUU [complement(2258..2294)], trnK-UUU [complement(4836..4872)], rps16 [complement(5679..5899)], rps16 [complement(6733..6772)], trnG-UCC [10652..10675], trnG-UCC [11396..11443], atpF [complement(13396..13811)], atpF [complement(14623..14767)], rpoC1 [complement(22595..24211)], rpoC1 [complement(24946..25398)], ycf3 [complement(45380..45532)], ycf3 [complement(46289..46518)], ycf3 [complement(47261..47384)], trnL-UAA [50117..50151], trnL-UAA [50669..50718], trnV-UAC [complement(54508..54544)], trnV-UAC [complement(55147..55185)], rps12 [complement(73189..73302)], rps12 [139274..139505], rps12 [140032..140057], clpP [complement(73460..73705)], clpP [complement(74345..74636)], clpP [complement(75435..75505)], petB [78401..78406], petB [79140..79781], petD [79946..79953], petD	trnK-UUU [complement(2295..4835)], rps16 [complement(5900..6732)], trnG-UCC [10676..11395], atpF [complement(13812..14622)], rpoC1 [complement(24212..24945)], ycf3 [complement(45533..46288)], ycf3 [complement(46519..47260)], trnL-UAA [50152..50668], trnV-UAC [complement(54545..55146)], clpP [complement(73706..74344)], clpP [complement(74637..75434)], petB [78407..79139], petD [79954..80678], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[80679..81204], rpl16 [complement(84663..85064)], rpl16 [complement(86080..86088)], rpl2 [complement(87737..88167)], rpl2 [complement(88833..89229)], trnI-GAU [100506..100547], trnI-GAU [101483..101517], trnA-UGC [101582..101619], trnA-UGC [102420..102454], ndhA [complement(118695..119236)], ndhA [complement(120290..120842)], trnA-UGC [complement(133340..133374)], trnA-UGC [complement(134175..134212)], trnI-GAU [complement(134277..134311)], trnI-GAU [complement(135247..135288)], ndhB [140969..141691], ndhB [142399..143154]	[complement(85065..86079)], rpl2 [complement(88168..88832)], trnI-GAU [100548..101482], trnA-UGC [101620..102419], ndhA [complement(119237..120289)], trnA-UGC [complement(133375..134174)], trnI-GAU [complement(134312..135246)], ndhB [141692..142398]
1852.	IMCY	64	rps12 [complement(92672..92700)], rps12 [complement(93241..93472)], rps12 [complement(69619..69732)], trnK-UUU [complement(1466..1498)], trnK-UUU [complement(4039..4076)], rps16 [complement(4631..4848)], rps16 [complement(5690..5729)], trnG-UCC [complement(13669..13716)], trnG-UCC [complement(14415..14437)], atpF [35255..35413], atpF [36230..36637], ycf3 [complement(44394..44552)], ycf3 [complement(45284..45511)], ycf3 [complement(46267..46398)], trnL-UAA [49136..49170], trnL-UAA [49623..49672], trnV-UAC [complement(53322..53358)], trnV-UAC [complement(53961..53999)], rps12 [130096..130327], rps12 [130868..130896], petB [73486..73491], petB [74243..74890], petD [75073..75080], petD [75821..76295], rpl16 [complement(79855..80256)], rpl16 [complement(81343..81351)], rpl2 [complement(83311..83742)], rpl2 [complement(84406..84795)], ndhB [complement(89605..90360)], ndhB [complement(91065..91841)], trnI-GAU [97337..97378], trnI-GAU [98326..98360], trnA-UGC [98426..98463], trnA-UGC [99274..99308], ndhA [complement(114761..115300)], ndhA [complement(116324..116872)], trnA-UGC [complement(124260..124294)], trnA-UGC [complement(125105..125142)], trnI-GAU [complement(125208..125242)], trnI-GAU [complement(126190..126231)], ndhB [131727..132503], ndhB [133208..133963], rpl2 [138773..139162], rpl2 [139826..140257]	trnK-UUU [complement(1499..4038)], rps16 [complement(4849..5689)], trnG-UCC [complement(13717..14414)], atpF [35414..36229], ycf3 [complement(44553..45283)], ycf3 [complement(45512..46266)], trnL-UAA [49171..49622], trnV-UAC [complement(53359..53960)], petB [73492..74242], petD [75081..75820], rpl16 [complement(80257..81342)], rpl2 [complement(83743..84405)], ndhB [complement(90361..91064)], trnI-GAU [97379..98325], trnA-UGC [98464..99273], ndhA [complement(115301..116323)], trnA-UGC [complement(124295..125104)], trnI-GAU [complement(125243..126189)], ndhB [132504..133207], rpl2 [139163..139825]
1853.	IMGL	48	rps12 [complement(97136..97378)], rps12 [complement(69014..69130)], rps16 [complement(4827..5022)], rps16 [complement(5848..5885)], atpF [complement(10972..11410)], atpF [complement(12083..12240)], rpoC1	rps16 [complement(5023..5847)], atpF [complement(11411..12082)], rpoC1 [complement(21837..22512)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20168..21836)], rpoC1 [complement(22513..22946)], ycf3 [complement(41990..42142)], ycf3 [complement(42857..43084)], ycf3 [complement(43788..43913)], clpP [complement(69271..69496)], clpP [complement(70139..70429)], clpP [complement(71130..71197)], petB [74104..74109], petB [74854..75507], rpl2 [complement(83453..83887)], rpl2 [complement(84550..84942)], ndhB [complement(93546..94301)], ndhB [complement(94975..95751)], trnI [101180..101221], trnI [102130..102164], trnA-UGC [102228..102265], trnA-UGC [103067..103101], ndhA [complement(118024..118562)], ndhA [complement(119612..120158)], trnA [complement(132335..132369)], trnA [complement(133171..133208)], ndhB [139685..140461], ndhB [141135..141890], rpl2 [150494..150886], rpl2 [151549..151983]	[complement(42143..42856)], ycf3 [complement(43085..43787)], clpP [complement(69497..70138)], clpP [complement(70430..71129)], petB [74110..74853], rpl2 [complement(83888..84549)], ndhB [complement(94302..94974)], trnI [101222..102129], trnA-UGC [102266..103066], ndhA [complement(118563..119611)], trnA [complement(132370..133170)], ndhB [140462..141134], rpl2 [150887..151548]
1854.	IMPI	64	rps12 [complement(97061..97303)], rps12 [complement(68846..68962)], trnK-UUU [complement(1629..1662)], trnK-UUU [complement(4199..4235)], rps16 [complement(4828..5023)], rps16 [complement(5836..5873)], trnG-GCC [8395..8416], trnG-GCC [9105..9141], atpF [complement(11065..11503)], atpF [complement(12170..12327)], rpoC1 [complement(20310..21978)], rpoC1 [complement(22656..23110)], ycf3 [complement(41856..42008)], ycf3 [complement(42723..42950)], ycf3 [complement(43655..43780)], trnL-UAA [46484..46520], trnL-UAA [47010..47059], trnV-UAC [complement(50229..50265)], trnV-UAC [complement(50859..50896)], rps12 [138053..138295], clpP [complement(69103..69328)], clpP [complement(69968..70258)], clpP [complement(71078..71145)], petB [74055..74060], petB [74811..75464], rpl2 [complement(83372..83806)], rpl2 [complement(84469..84861)], ndhB [complement(93470..94225)], ndhB [complement(94899..95675)], trnI-GAU [101146..101187], trnI-GAU [102120..102154], trnA-UGC [102218..102255], trnA-UGC [103057..103091], ndhA [complement(118005..118543)], ndhA [complement(119601..120147)], trnA-UGC [complement(132265..132299)], trnA-UGC [complement(133101..133138)], trnI-GAU [complement(133202..133236)], trnI-GAU [complement(134169..134210)], ndhB [139681..140457], ndhB [141131..141886], rpl2 [150495..150887], rpl2 [151550..151984]	trnK-UUU [complement(1663..4198)], rps16 [complement(5024..5835)], trnG-GCC [8417..9104], atpF [complement(11504..12169)], rpoC1 [complement(21979..22655)], ycf3 [complement(42009..42722)], ycf3 [complement(42951..43654)], trnL-UAA [46521..47009], trnV-UAC [complement(50266..50858)], clpP [complement(69329..69967)], clpP [complement(70259..71077)], petB [74061..74810], rpl2 [complement(83807..84468)], ndhB [complement(94226..94898)], trnI-GAU [101188..102119], trnA-UGC [102256..103056], ndhA [complement(118544..119600)], trnA-UGC [complement(132300..133100)], trnI-GAU [complement(133237..134168)], ndhB [140458..141130], rpl2 [150888..151549]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1855.	INLE	74	<p>rps12 [complement(104700..104725)], rps12 [complement(105262..105493)], rps12 [complement(76349..76474)], trnK-UUU [complement(1813..1847)], trnK-UUU [complement(4398..4434)], rps16 [complement(5707..5945)], rps16 [complement(6846..6885)], trnG-UCC [9593..9615], trnG-UCC [10334..10382], atpF [complement(12886..13293)], atpF [complement(14025..14168)], rpoC1 [complement(22853..24469)], rpoC1 [complement(25277..25708)], ycf3 [complement(47197..47349)], ycf3 [complement(48108..48335)], ycf3 [complement(49063..49188)], trnL-UAA [52236..52270], trnL-UAA [52822..52871], trnV-UAC [complement(56715..56751)], trnV-UAC [complement(57372..57410)], rps12 [complement(76349..76474)], rps12 [160984..161215], rps12 [161752..161777], clpP [complement(76768..77004)], clpP [complement(77675..78037)], petB [81010..81015], petB [81820..82461], petD [82672..82679], petD [83419..83893], rpl16 [complement(87607..88005)], rpl16 [complement(89167..89175)], rpl2 [complement(91156..91590)], rpl2 [complement(92244..92636)], ndhB [complement(101642..102397)], ndhB [complement(103083..103859)], trnI-GAU [109449..109490], trnI-GAU [110439..110473], trnA-UGC [110538..110575], trnA-UGC [111378..111412], ndhA [123838..124389], ndhA [125867..126406], ndhA [complement(140071..140610)], ndhA [complement(142088..142639)], trnA-UGC [complement(155065..155099)], trnA-UGC [complement(155902..155939)], trnI-GAU [complement(156004..156038)], trnI-GAU [complement(156987..157028)], ndhB [162618..163394], ndhB [164080..164835], rpl2 [173841..174233], rpl2 [174887..175321]</p>	<p>trnK-UUU [complement(1848..4397)], rps16 [complement(5946..6845)], trnG-UCC [9616..10333], atpF [complement(13294..14024)], rpoC1 [complement(24470..25276)], ycf3 [complement(47350..48107)], ycf3 [complement(48336..49062)], trnL-UAA [52271..52821], trnV-UAC [complement(56752..57371)], clpP [complement(77005..77674)], petB [81016..81819], petD [82680..83418], rpl16 [complement(88006..89166)], rpl2 [complement(91591..92243)], ndhB [complement(102398..103082)], trnI-GAU [109491..110438], trnA-UGC [110576..111377], ndhA [124390..125866], ndhA [complement(140611..142087)], trnA-UGC [complement(155100..155901)], trnI-GAU [complement(156039..156986)], ndhB [163395..164079], rpl2 [174234..174886]</p>
1856.	INLO	35	<p>rps12 [complement(92105..92133)], rps12 [complement(92674..92905)], rps12 [complement(70027..70140)], trnK [complement(1377..1409)], trnK [complement(3927..3964)], trnL-UAA [49243..49277], trnL-UAA [49818..49867], trnV-UAC [complement(53300..53336)], trnV-UAC [complement(53933..53971)], trnI-GAU [96730..96771], trnI-GAU [97712..97746], trnA-UGC [97812..97849], trnA-UGC [98661..98695], trnA-UGC [complement(124247..124281)], trnA-UGC [complement(125093..125130)], trnI-GAU [complement(125196..125230)],</p>	<p>trnK [complement(1410..3926)], rps16 [complement(4739..5567)], ycf3 [complement(44641..45372)], ycf3 [complement(45601..46344)], trnL-UAA [49278..49817], trnV-UAC [complement(53337..53932)], petB [73876..74693], petD [75532..76285], rpl16 [complement(80760..81856)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(126171..126212)]	[complement(84292..84951)], ndhB [complement(89788..90499)], trnI-GAU [96772..97711], trnA-UGC [97850..98660], ndhA [complement(115311..116331)], trnA-UGC [complement(124282..125092)], trnI-GAU [complement(125231..126170)], ndhB [132443..133154], rpl2 [137991..138650]
1857.	INSH	59	rps12 [complement(92125..92160)], rps12 [complement(92699..92929)], rps12 [complement(70043..70156)], trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3935..3972)], rps16 [complement(4529..4744)], rps16 [complement(5574..5615)], atpF [35356..35514], atpF [36341..36748], ycf3 [complement(44511..44669)], ycf3 [complement(45394..45621)], ycf3 [complement(46362..46493)], trnL-UAA [49249..49283], trnL-UAA [49824..49873], trnV-UAC [complement(53291..53327)], trnV-UAC [complement(53924..53962)], petB [73883..73888], petB [74713..75354], petD [75543..75551], petD [76301..76774], rpl16 [complement(80401..80802)], rpl16 [complement(81894..81902)], rpl2 [complement(83884..84315)], rpl2 [complement(84976..85368)], ndhB [complement(89056..89811)], ndhB [complement(90524..91300)], trnI-GAU [96760..96801], trnI-GAU [97747..97781], trnA-UGC [97847..97884], trnA-UGC [98696..98730], ndhA [complement(114800..115339)], ndhA [complement(116366..116914)], trnA-UGC [complement(124281..124315)], trnA-UGC [complement(125127..125164)], trnI-GAU [complement(125230..125264)], trnI-GAU [complement(126210..126251)], ndhB [131711..132487], ndhB [133200..133955], rpl2 [137643..138035], rpl2 [138696..139127]	trnK-UUU [complement(1422..3934)], rps16 [complement(4745..5573)], atpF [35515..36340], ycf3 [complement(44670..45393)], ycf3 [complement(45622..46361)], trnL-UAA [49284..49823], trnV-UAC [complement(53328..53923)], petB [73889..74712], petD [75552..76300], rpl16 [complement(80803..81893)], rpl2 [complement(84316..84975)], ndhB [complement(89812..90523)], trnI-GAU [96802..97746], trnA-UGC [97885..98695], ndhA [complement(115340..116365)], trnA-UGC [complement(124316..125126)], trnI-GAU [complement(125265..126209)], ndhB [132488..133199], rpl2 [138036..138695]
1858.	INSI	62	rps12 [complement(92088..92123)], rps12 [complement(92662..92892)], rps12 [complement(70020..70133)], trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3936..3973)], rps16 [complement(4530..4745)], rps16 [complement(5575..5616)], trnG-UCC [complement(13621..13672)], trnG-UCC [complement(14338..14360)], atpF [35334..35492], atpF [36319..36726], ycf3 [complement(44489..44647)], ycf3 [complement(45372..45599)], ycf3 [complement(46340..46471)], trnL-UAA [49227..49261], trnL-UAA	trnK-UUU [complement(1422..3935)], rps16 [complement(4746..5574)], trnG-UCC [complement(13673..14337)], atpF [35493..36318], ycf3 [complement(44648..45371)], ycf3 [complement(45600..46339)], trnL-UAA [49262..49801], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49802..49851], trnV-UAC [complement(53269..53305)], trnV-UAC [complement(53902..53940)], petB [73860..73865], petB [74676..75317], petD [75506..75514], petD [76264..76737], rpl16 [complement(80365..80766)], rpl16 [complement(81857..81865)], rpl2 [complement(83847..84278)], rpl2 [complement(84939..85331)], ndhB [complement(89019..89774)], ndhB [complement(90487..91263)], trnI-GAU [96717..96758], trnI-GAU [97704..97738], trnA-UGC [97804..97841], trnA-UGC [98653..98687], ndhA [complement(114755..115294)], ndhA [complement(116321..116869)], trnA-UGC [complement(124236..124270)], trnA-UGC [complement(125082..125119)], trnI-GAU [complement(125185..125219)], trnI-GAU [complement(126165..126206)], ndhB [131660..132436], ndhB [133149..133904], rpl2 [137592..137984], rpl2 [138645..139076]	[complement(53306..53901)], petB [73866..74675], petD [75515..76263], rpl16 [complement(80767..81856)], rpl2 [complement(84279..84938)], ndhB [complement(89775..90486)], trnI-GAU [96759..97703], trnA-UGC [97842..98652], ndhA [complement(115295..116320)], trnA-UGC [complement(124271..125081)], trnI-GAU [complement(125220..126164)], ndhB [132437..133148], rpl2 [137985..138644]
1859.	INSN	59	rps12 [complement(92029..92064)], rps12 [complement(92603..92833)], rps12 [complement(69946..70059)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3932..3969)], rps16 [complement(4526..4741)], rps16 [complement(5571..5612)], atpF [35268..35426], atpF [36254..36661], ycf3 [complement(44416..44574)], ycf3 [complement(45300..45527)], ycf3 [complement(46269..46400)], trnL-UAA [49176..49210], trnL-UAA [49751..49800], trnV-UAC [complement(53232..53268)], trnV-UAC [complement(53865..53903)], petB [73786..73791], petB [74607..75248], petD [75437..75445], petD [76194..76667], rpl16 [complement(80269..80670)], rpl16 [complement(81798..81806)], rpl2 [complement(83788..84219)], rpl2 [complement(84880..85272)], ndhB [complement(88960..89715)], ndhB [complement(90428..91204)], trnI-GAU [96658..96699], trnI-GAU [97646..97680], trnA-UGC [97746..97783], trnA-UGC [98595..98629], ndhA [complement(114707..115246)], ndhA [complement(116273..116821)], trnA-UGC [complement(124193..124227)], trnA-UGC [complement(125039..125076)], trnI-GAU [complement(125142..125176)], trnI-GAU [complement(126123..126164)], ndhB [131618..132394], ndhB [133107..133862], rpl2 [137550..137942], rpl2 [138603..139034]	trnK-UUU [complement(1410..3931)], rps16 [complement(4742..5570)], atpF [35427..36253], ycf3 [complement(44575..45299)], ycf3 [complement(45528..46268)], trnL-UAA [49211..49750], trnV-UAC [complement(53269..53864)], petB [73792..74606], petD [75446..76193], rpl16 [complement(80671..81797)], rpl2 [complement(84220..84879)], ndhB [complement(89716..90427)], trnI-GAU [96700..97645], trnA-UGC [97784..98594], ndhA [complement(115247..116272)], trnA-UGC [complement(124228..125038)], trnI-GAU [complement(125177..126122)], ndhB [132395..133106], rpl2 [137943..138602]
1860.	INTI	67	rps12 [complement(102686..102928)], rps12 [complement(73591..73704)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4334..4373)],	trnK-UUU [complement(1750..4333)], trnV-UAC [10254..10844], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnV-UAC [10215..10253], trnV-UAC [10845..10881], trnL-UAA [complement(14229..14278)], trnL-UAA [complement(14806..14842)], ycf3 [17125..17250], ycf3 [17976..18203], ycf3 [18956..19108], rpoC1 [39895..40326], rpoC1 [41126..42748], atpF [51327..51494], atpF [52242..52652], trnG-GCC [complement(54746..54794)], trnG-GCC [complement(55501..55523)], rps16 [58649..58688], rps16 [59574..59770], rps12 [144292..144534], clpP [complement(73916..74143)], clpP [complement(74782..75087)], clpP [complement(75908..75976)], petB [78905..78910], petB [79740..80381], petD [80586..80593], petD [81303..81777], rpl16 [complement(85586..85984)], rpl16 [complement(87214..87222)], rpl2 [complement(88915..89349)], rpl2 [complement(90019..90411)], ndhB [complement(99044..99799)], ndhB [complement(100485..101153)], trnI-GAU [106878..106919], trnI-GAU [107867..107901], trnA-UGC [107966..108003], trnA-UGC [108804..108838], ndhA [complement(123876..124414)], ndhA [complement(125701..126253)], trnA-UGC [complement(138382..138416)], trnA-UGC [complement(139217..139254)], trnI-GAU [complement(139319..139353)], trnI-GAU [complement(140301..140342)], ndhB [146013..146735], ndhB [147421..148176]	[complement(14279..14805)], ycf3 [17251..17975], ycf3 [18204..18955], rpoC1 [40327..41125], atpF [51495..52241], trnG-GCC [complement(54795..55500)], rps16 [58689..59573], clpP [complement(74144..74781)], clpP [complement(75088..75907)], petB [78911..79739], petD [80594..81302], rpl16 [complement(85985..87213)], rpl2 [complement(89350..90018)], ndhB [complement(99800..100484)], trnI-GAU [106920..107866], trnA-UGC [108004..108803], ndhA [complement(124415..125700)], trnA-UGC [complement(138417..139216)], trnI-GAU [complement(139354..140300)], ndhB [146736..147420]
1861.	INWI	62	rps12 [complement(92352..92387)], rps12 [complement(92926..93156)], rps12 [complement(70221..70334)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3946..3983)], rps16 [complement(4540..4755)], rps16 [complement(5592..5633)], trnG-UCC [complement(13658..13709)], trnG-UCC [complement(14375..14397)], atpF [35411..35569], atpF [36403..36810], ycf3 [complement(44599..44757)], ycf3 [complement(45480..45707)], ycf3 [complement(46453..46584)], trnL-UAA [49365..49399], trnL-UAA [49940..49989], trnV-UAC [complement(53453..53489)], trnV-UAC [complement(54086..54124)], petB [74060..74065], petB [74924..75565], petD [75759..75767], petD [76517..76990], rpl16 [complement(80595..80996)], rpl16 [complement(82115..82123)], rpl2 [complement(84106..84537)], rpl2 [complement(85198..85590)], ndhB [complement(89283..90038)], ndhB [complement(90751..91527)], trnI-GAU [96981..97022], trnI-GAU	trnK-UUU [complement(1410..3945)], rps16 [complement(4756..5591)], trnG-UCC [complement(13710..14374)], atpF [35570..36402], ycf3 [complement(44758..45479)], ycf3 [complement(45708..46452)], trnL-UAA [49400..49939], trnV-UAC [complement(53490..54085)], petB [74066..74923], petD [75768..76516], rpl16 [complement(80997..82114)], rpl2 [complement(84538..85197)], ndhB [complement(90039..90750)], trnI-GAU [97023..97968], trnA-UGC [98107..98917],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[97969..98003], trnA-UGC [98069..98106], trnA-UGC [98918..98952], ndhA [complement(115050..115589)], ndhA [complement(116616..117164)], trnA-UGC [complement(124531..124565)], trnA-UGC [complement(125377..125414)], trnI-GAU [complement(125480..125514)], trnI-GAU [complement(126461..126502)], ndhB [131956..132732], ndhB [133445..134200], rpl2 [137893..138285], rpl2 [138946..139377]	ndhA [complement(115590..116615)], trnA-UGC [complement(124566..125376)], trnI-GAU [complement(125515..126460)], ndhB [132733..133444], rpl2 [138286..138945]
1862.	IOAC	67	trnK [complement(1669..1703)], trnK [complement(4271..4307)], rps16 [complement(5042..5238)], rps16 [complement(6108..6147)], trnG [8613..8635], trnG [9362..9410], atpF [complement(11530..11939)], atpF [complement(12674..12818)], rpoC1 [complement(20309..21919)], rpoC1 [complement(22707..23138)], ycf3 [complement(42093..42245)], ycf3 [complement(43020..43247)], ycf3 [complement(43960..44085)], trnL [46552..46586], trnL [46909..46958], trnA; trnV [complement(50317..50351)], trnA; trnV [complement(50957..50995)], clpP [complement(69046..69273)], clpP [complement(69848..70139)], clpP [complement(71029..71099)], petB [74071..74076], petB [74871..75512], petD [75711..75718], petD [76449..76923], rpl16 [complement(80407..80805)], rpl16 [complement(81904..81912)], rpl2 [complement(83606..84040)], rpl2 [complement(84723..85112)], ndhB [complement(94206..94967)], ndhB [complement(95653..96429)], trnI [101973..102009], trnI [102958..102992], trnA; trnV [103057..103094], trnA; trnV [103895..103929], ndhA [complement(119211..119740)], ndhA [complement(120836..121388)], trnA; trnV [complement(133509..133543)], trnA; trnV [complement(134344..134381)], trnI [complement(134446..134480)], trnI [complement(135434..135470)], ndhB [141011..141787], ndhB [142473..143234], rpl2 [152328..152717], rpl2 [153400..153834]	trnK [complement(1704..4270)], rps16 [complement(5239..6107)], trnG [8636..9361], atpF [complement(11940..12673)], rpoC1 [complement(21920..22706)], ycf3 [complement(42246..43019)], ycf3 [complement(43248..43959)], trnL [46587..46908], trnA; trnV [complement(50352..50956)], clpP [complement(69274..69847)], clpP [complement(70140..71028)], petB [74077..74870], petD [75719..76448], rpl16 [complement(80806..81903)], rpl2 [complement(84041..84722)], ndhB [complement(94968..95652)], trnI [102010..102957], trnA; trnV [103095..103894], ndhA [complement(119741..120835)], trnA; trnV [complement(133544..134343)], trnI [complement(134481..135433)], ndhB [141788..142472], rpl2 [152718..153399]
1863.	IOAU	41	rps12 [complement(100858..100886)], rps12 [complement(101420..101651)], rps12 [complement(73023..73136)], trnK-UUU [complement(1857..1886)], trnK-UUU [complement(4412..4448)], rps16 [complement(5139..5362)], trnL-UAA [49356..49392], trnL-UAA [49888..49937], trnV-UAC [complement(53955..53991)], trnV-UAC [complement(54561..54598)], rps12	trnK-UUU [complement(1887..4411)], rps16 [complement(5363..6221)], atpF [complement(12577..13198)], rpoC1 [complement(23073..23797)], ycf3 [complement(44496..45258)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73023..73136)], rps12 [142853..143066], rps12 [143600..143628], trnI-GAU [105370..105411], trnI-GAU [106131..106165], trnA-UGC [106230..106267], trnA-UGC [107079..107113], trnA-UGC [complement(137373..137407)], trnA-UGC [complement(138219..138256)], trnI-GAU [complement(138321..138355)], trnI-GAU [complement(139075..139116)]	[complement(45487..46214)], trnL-UAA [49393..49887], trnV-UAC [complement(53992..54560)], clpP [complement(73503..74138)], clpP [complement(74430..75225)], petB [78251..79003], rpl16 [complement(84875..85913)], rpl2 [complement(87999..88661)], ndhB [complement(98595..99273)], trnI-GAU [105412..106130], trnA-UGC [106268..107078], ndhA [complement(123171..124337)], trnA-UGC [complement(137408..138218)], trnI-GAU [complement(138356..139074)], ndhB [145213..145891]
1864.	IOCI	43	rps12 [complement(98003..98245)], rps12 [complement(69876..69992)], rps16 [complement(5027..5248)], rps16 [complement(6117..6161)], atpF [complement(11689..12099)], atpF [complement(12802..12945)], rpoC1 [complement(20687..22303)], rpoC1 [complement(23065..23499)], ycf3 [complement(42979..43131)], ycf3 [complement(43878..44107)], ycf3 [complement(44833..44959)], rps12 [138277..138519], clpP [complement(70122..70349)], clpP [complement(71016..71306)], clpP [complement(72145..72213)], petB [75836..75841], petB [75888..76526], petD [77429..77434], petD [77480..77953], rpl2 [complement(84621..85061)], rpl2 [complement(85720..86109)], ndhB [complement(94388..95143)], ndhB [complement(95829..96605)], ndhA [115612..116170], ndhA [117155..117693], ndhB [139917..140783], ndhB [141379..142134], rpl2 [150413..150802], rpl2 [151461..151901]	rps16 [complement(5249..6116)], atpF [complement(12100..12801)], rpoC1 [complement(22304..23064)], ycf3 [complement(43132..43877)], ycf3 [complement(44108..44832)], clpP [complement(70350..71015)], clpP [complement(71307..72144)], petB [75842..75887], petD [77435..77479], rpl2 [complement(85062..85719)], ndhB [complement(95144..95828)], ndhA [116171..117154], ndhB [140784..141378], rpl2 [150803..151460]
1865.	IOCY	64	rps12 [complement(100651..100677)], rps12 [complement(101214..101444)], rps12 [complement(72824..72937)], trnK-UUU [complement(1871..1900)], trnK-UUU [complement(4427..4463)], rps16 [complement(5158..5384)], rps16 [complement(6241..6280)], atpF [complement(12093..12569)], atpF	trnK-UUU [complement(1901..4426)], rps16 [complement(5385..6240)], atpF [complement(12570..13191)], rpoC1 [complement(23063..23787)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(13192..13350)], rpoC1 [complement(21440..23062)], rpoC1 [complement(23788..24243)], ycf3 [complement(44166..44318)], ycf3 [complement(45083..45310)], ycf3 [complement(46039..46164)], trnL-UAA [49176..49212], trnL-UAA [49708..49757], trnV-UAC [complement(53780..53816)], trnV-UAC [complement(54386..54423)], rps12 [complement(72824..72937)], rps12 [142612..142842], rps12 [143379..143405], clpP [complement(73076..73303)], clpP [complement(73939..74229)], clpP [complement(75025..75093)], petB [78044..78049], petB [78797..79444], rpl16 [complement(84272..84670)], rpl16 [complement(85710..85718)], rpl2 [complement(87360..87794)], rpl2 [complement(88458..88850)], ndhB [complement(97633..98388)], ndhB [complement(99068..99844)], trnI-GAU [105157..105198], trnI-GAU [105918..105952], trnA-UGC [106017..106054], trnA-UGC [106866..106900], ndhA [complement(122414..122953)], ndhA [complement(124125..124676)], trnA-UGC [complement(137154..137188)], trnA-UGC [complement(138000..138037)], trnI-GAU [complement(138102..138136)], trnI-GAU [complement(138856..138897)], ndhB [144212..144988], ndhB [145668..146423]</p>	<p>[complement(44319..45082)], ycf3 [complement(45311..46038)], trnL-UAA [49213..49707], trnV-UAC [complement(53817..54385)], clpP [complement(73304..73938)], clpP [complement(74230..75024)], petB [78050..78796], rpl16 [complement(84671..85709)], rpl2 [complement(87795..88457)], ndhB [complement(98389..99067)], trnI-GAU [105199..105917], trnA-UGC [106055..106865], ndhA [complement(122954..124124)], trnA-UGC [complement(137189..137999)], trnI-GAU [complement(138137..138855)], ndhB [144989..145667]</p>
1866.	IOEL	56	<p>rps12 [complement(100879..100905)], rps12 [complement(101433..101672)], rps12 [complement(73045..73158)], trnK-UUU [complement(1857..1886)], trnK-UUU [complement(4412..4448)], rps16 [complement(5145..5369)], rps16 [complement(6229..6267)], trnG-GCC [9397..9419], trnG-GCC [10126..10162], ycf3 [complement(44248..44400)], ycf3 [complement(45165..45392)], ycf3 [complement(46121..46246)], trnL-UAA [49258..49294], trnL-UAA [49790..49839], trnV-UAC [complement(53973..54009)], trnV-UAC [complement(54579..54616)], rps12 [complement(73045..73158)], rps12 [142870..143101], rps12 [143635..143663], petB [78265..78270], petB [79024..79665], rpl16 [complement(84496..84894)], rpl16 [complement(85934..85942)], rpl2 [complement(87585..88019)], rpl2 [complement(88677..89075)], trnI-GAU [105387..105428], trnI-GAU [106148..106182], trnA-UGC [106247..106284], trnA-UGC [107096..107130], trnA-UGC [complement(137412..137446)],</p>	<p>trnK-UUU [complement(1887..4411)], rps16 [complement(5370..6228)], trnG-GCC [9420..10125], atpF [complement(12589..13210)], rpoC1 [complement(23084..23808)], ycf3 [complement(44401..45164)], ycf3 [complement(45393..46120)], trnL-UAA [49295..49789], trnV-UAC [complement(54010..54578)], clpP [complement(73525..74159)], clpP [complement(74451..75245)], petB [78271..79023], rpl16 [complement(84895..85933)], rpl2 [complement(88020..88676)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(138258..138295)], trnI-GAU [complement(138360..138394)], trnI-GAU [complement(139114..139155)], ndhB [144471..145247], ndhB [145927..146682]	[complement(98616..99294)], trnI-GAU [105429..106147], trnA-UGC [106285..107095], ndhA [complement(123205..124375)], trnA-UGC [complement(137447..138257)], trnI-GAU [complement(138395..139113)], ndhB [145248..145926]
1867.	IOLE	55	rps12 [complement(100870..100896)], rps12 [complement(101424..101663)], rps12 [complement(73032..73145)], atpF [complement(12113..12589)], atpF [complement(13217..13375)], rpoC1 [complement(21469..23091)], rpoC1 [complement(23817..24272)], ycf3 [complement(44233..44385)], ycf3 [complement(45149..45376)], ycf3 [complement(46115..46240)], trnL-UAA [49253..49289], trnL-UAA [49785..49834], trnV-UAC [complement(53971..54007)], trnV-UAC [complement(54577..54614)], rps12 [complement(73032..73145)], rps12 [142641..142880], rps12 [143408..143434], clpP [complement(73284..73512)], clpP [complement(74149..74439)], clpP [complement(75234..75304)], rpl16 [complement(84487..84886)], rpl16 [complement(85926..85933)], rpl2 [complement(87576..88010)], rpl2 [complement(88673..89065)], ndhB [complement(97851..98606)], ndhB [complement(99286..100062)], trnI-GAU [105382..105423], trnI-GAU [106143..106177], trnA-UGC [106242..106279], trnA-UGC [107091..107125], ndhA [complement(122443..122982)], ndhA [complement(124150..124701)], trnA-UGC [complement(137179..137213)], trnA-UGC [complement(138025..138062)], trnI-GAU [complement(138127..138161)], trnI-GAU [complement(138881..138922)], ndhB [144242..145018], ndhB [145698..146453]	atpF [complement(12590..13216)], rpoC1 [complement(23092..23816)], ycf3 [complement(44386..45148)], ycf3 [complement(45377..46114)], trnL-UAA [49290..49784], trnV-UAC [complement(54008..54576)], clpP [complement(73513..74148)], clpP [complement(74440..75233)], rpl16 [complement(84887..85925)], rpl2 [complement(88011..88672)], ndhB [complement(98607..99285)], trnI-GAU [105424..106142], trnA-UGC [106280..107090], ndhA [complement(122983..124149)], trnA-UGC [complement(137214..138024)], trnI-GAU [complement(138162..138880)], ndhB [145019..145697]
1868.	IOLO	64	rps12 [complement(100793..100819)], rps12 [complement(101356..101586)], rps12 [complement(72949..73062)], rps16 [complement(5132..5356)], rps16 [complement(6213..6254)], trnG-GCC [9378..9400], trnG-GCC [10097..10144], atpF [complement(12075..12484)], atpF [complement(13188..13332)], rpoC1 [complement(21425..23038)], rpoC1 [complement(23776..24228)], ycf3 [complement(44266..44418)], ycf3	rps16 [complement(5357..6212)], trnG-GCC [9401..10096], atpF [complement(12485..13187)], rpoC1 [complement(23039..23775)], ycf3 [complement(44419..45183)], ycf3 [complement(45412..46139)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45184..45411)], ycf3 [complement(46140..46265)], trnL-UAA [49278..49312], trnL-UAA [49810..49859], trnV-UAC [complement(53884..53919)], trnV-UAC [complement(54489..54527)], rps12 [complement(72949..73062)], rps12 [142786..143017], rps12 [143553..143617], clpP [complement(73211..73438)], clpP [complement(74074..74365)], clpP [complement(75159..75229)], petB [78180..78185], petB [78939..79580], petD [79775..79783], petD [80533..81006], rpl16 [complement(84411..84806)], rpl16 [complement(85849..85857)], rpl2 [complement(87499..87932)], rpl2 [complement(88599..88989)], ndhB [complement(97774..98529)], ndhB [complement(99209..99985)], trnI-GAU [105301..105337], trnI-GAU [106062..106096], ndhA [complement(122581..123120)], ndhA [complement(124292..124843)], trnA-UGC [complement(137328..137362)], trnA-UGC [complement(138174..138211)], trnI-GAU [complement(138276..138290)], trnI-GAU [complement(139035..139071)], ndhB [144387..145163], ndhB [145843..146598]	[49313..49809], trnV-UAC [complement(53920..54488)], clpP [complement(73439..74073)], clpP [complement(74366..75158)], petB [78186..78938], petD [79784..80532], rpl16 [complement(84807..85848)], rpl2 [complement(87933..88598)], ndhB [complement(98530..99208)], trnI-GAU [105338..106061], ndhA [complement(123121..124291)], trnA-UGC [complement(137363..138173)], trnI-GAU [complement(138291..139034)], ndhB [145164..145842]
1869.	IONI	67	rps12 [complement(100437..100462)], rps12 [complement(100999..101230)], rps12 [complement(72601..72714)], trnK-UUU [complement(1887..1921)], trnK-UUU [complement(4437..4473)], rps16 [complement(5170..5396)], rps16 [complement(6253..6292)], trnG-GCC [9467..9489], trnG-GCC [10187..10234], atpF [complement(12166..12642)], atpF [complement(13271..13429)], rpoC1 [complement(21516..23138)], rpoC1 [complement(23864..24319)], ycf3 [complement(44281..44433)], ycf3 [complement(45186..45415)], ycf3 [complement(46154..46277)], trnL-UAA [49290..49324], trnL-UAA [49822..49871], trnV-UAC [complement(53899..53933)], trnV-UAC [complement(54505..54542)], rps12 [complement(72601..72714)], rps12 [142392..142623], rps12 [143160..143185], clpP [complement(72853..73080)], clpP [complement(73716..74010)], clpP [complement(74808..74872)], petB [77823..77827], petB [78581..79223], rpl16 [complement(84054..84449)], rpl16 [complement(85492..85500)], rpl2 [complement(87143..87576)], rpl2 [complement(88243..88633)], ndhB [complement(97418..98173)], ndhB	trnK-UUU [complement(1922..4436)], rps16 [complement(5397..6252)], trnG-GCC [9490..10186], atpF [complement(12643..13270)], rpoC1 [complement(23139..23863)], ycf3 [complement(44434..45185)], ycf3 [complement(45416..46153)], trnL-UAA [49325..49821], trnV-UAC [complement(53934..54504)], clpP [complement(73081..73715)], clpP [complement(74011..74807)], petB [77828..78580], rpl16 [complement(84450..85491)], rpl2 [complement(87577..88242)], ndhB [complement(98174..98852)], trnI-GAU [104991..105709], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98853..99629)], trnI-GAU [104949..104990], trnI-GAU [105710..105744], trnA-UGC [105809..105846], trnA-UGC [106658..106692], ndhA [complement(122202..122741)], ndhA [complement(123901..124452)], trnA-UGC [complement(136930..136964)], trnA-UGC [complement(137776..137813)], trnI-GAU [complement(137878..137912)], trnI-GAU [complement(138632..138673)], ndhB [143993..144769], ndhB [145449..146204]	[105847..106657], ndhA [complement(122742..123900)], trnA-UGC [complement(136965..137775)], trnI-GAU [complement(137913..138631)], ndhB [144770..145448]
1870.	IOSA	48	rps12 [complement(100762..100787)], rps12 [complement(101324..101555)], rps12 [complement(72918..73031)], trnK-UUU [1857..1886], trnK-UUU [4411..4447], trnG-GCC [9390..9412], trnG-GCC [10109..10156], trnL-UAA [49247..49283], trnL-UAA [49779..49828], trnV-UAC [complement(53853..53889)], trnV-UAC [complement(54459..54496)], rps12 [complement(72918..73031)], rps12 [142755..142986], rps12 [143520..143548], petB [78149..78154], petB [78908..79549], trnI-GAU [105270..105311], trnI-GAU [106031..106065], trnA-UGC [106130..106167], trnA-UGC [106979..107013], ndhA [complement(122550..123089)], trnA-UGC [complement(137297..137331)], trnA-UGC [complement(138143..138180)], trnI-GAU [complement(138245..138279)], trnI-GAU [complement(138999..139040)], ndhB [145812..146567]	trnK-UUU [1887..4410], rps16 [complement(5368..6226)], trnG-GCC [9413..10108], atpF [complement(12564..13185)], rpoC1 [complement(23060..23784)], psbD [35138..35201], ycf3 [complement(44388..45152)], ycf3 [complement(45381..46108)], trnL-UAA [49284..49778], trnV-UAC [complement(53890..54458)], clpP [complement(73408..74042)], clpP [complement(74334..75129)], petB [78155..78907], rpl16 [complement(84779..85817)], rpl2 [complement(87903..88565)], ndhB [complement(98499..99177)], trnI-GAU [105312..106030], trnA-UGC [106168..106978], ndhA [complement(123090..124260)], trnA-UGC [complement(137332..138142)], trnI-GAU [complement(138280..138998)], ndhB [145133..145811]
1871.	IOST	47	rps12 [complement(100575..100603)], rps12 [complement(72816..72929)], trnK-UUU [complement(1802..1831)], trnK-UUU [complement(4356..4392)], rps16 [complement(5089..5315)], rps16 [complement(6172..6211)], trnG-GCC	trnK-UUU [complement(1832..4355)], rps16 [complement(5316..6171)], trnG-GCC [9358..10053], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[9335..9357], trnG-GCC [10054..10101], trnL-UAA [49145..49181], trnL-UAA [49677..49726], trnV-UAC [complement(53751..53787)], trnV-UAC [complement(54357..54394)], rps12 [142727..142966], rps12 [143494..143520], trnI-GAU [105083..105124], trnI-GAU [105844..105878], trnA-UGC [105943..105980], trnA-UGC [106792..106826], ndhA [complement(122469..123008)], trnA-UGC [complement(137269..137303)], trnA-UGC [complement(138115..138152)], trnI-GAU [complement(138217..138251)], trnI-GAU [complement(138971..139012)], ndhB [145784..146539], rpl2 [156295..156729]	[complement(12509..13130)], rpoC1 [complement(22960..23684)], ycf3 [complement(44286..45050)], ycf3 [complement(45279..46006)], trnL-UAA [49182..49676], trnV-UAC [complement(53788..54356)], clpP [complement(73306..73940)], clpP [complement(74232..75027)], petB [78053..78805], rpl16 [complement(84677..85715)], rpl2 [complement(87801..88463)], ndhB [complement(98312..98990)], trnI-GAU [105125..105843], trnA-UGC [105981..106791], ndhA [complement(123009..124179)], trnA-UGC [complement(137304..138114)], trnI-GAU [complement(138252..138970)], ndhB [145105..145783], rpl2 [155632..156294]
1872.	IOTI	59	rps12 [complement(100683..100709)], rps12 [complement(101237..101476)], rps12 [complement(72847..72960)], trnK-UUU [complement(1866..1895)], trnK-UUU [complement(4420..4456)], rps16 [complement(5152..5375)], rps16 [complement(6234..6273)], trnG-GCC [9399..9421], trnG-GCC [10119..10166], atpF [complement(12098..12574)], rpoC1 [complement(21431..23053)], rpoC1 [complement(23779..24234)], ycf3 [complement(44130..44282)], trnL-UAA [49151..49187], trnL-UAA [49683..49732], trnV-UAC [complement(53761..53797)], trnV-UAC [complement(54367..54404)], rps12 [complement(72847..72960)], rps12 [142641..142872], rps12 [143409..143434], clpP [complement(73099..73327)], clpP [complement(73963..74253)], clpP [complement(75048..75118)], rpl16 [complement(84300..84698)], rpl16 [complement(85738..85746)], rpl2 [complement(87389..87823)], ndhB [complement(97664..98419)], ndhB [complement(99099..99875)], trnI-GAU [105195..105236], trnI-GAU	trnK-UUU [complement(1896..4419)], rps16 [complement(5376..6233)], trnG-GCC [9422..10118], atpF [complement(12575..13201)], rpoC1 [complement(23054..23778)], ycf3 [complement(44283..45045)], ycf3 [complement(45274..46012)], trnL-UAA [49188..49682], trnV-UAC [complement(53798..54366)], clpP [complement(73328..73962)], clpP [complement(74254..75047)], rpl16 [complement(84699..85737)], rpl2 [complement(87824..88486)], ndhB [complement(98420..99098)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105956..105990], trnA-UGC [106055..106092], trnA-UGC [106904..106938], ndhA [complement(122442..122981)], ndhA [complement(124150..124701)], trnA-UGC [complement(137179..137213)], trnA-UGC [complement(138025..138062)], trnI-GAU [complement(138127..138161)], trnI-GAU [complement(138881..138922)], ndhB [145698..146453]	[105237..105955], trnA-UGC [106093..106903], ndhA [complement(122982..124149)], trnA-UGC [complement(137214..138024)], trnI-GAU [complement(138162..138880)], ndhB [145019..145697]
1873.	IOUM	64	rps12 [complement(100731..100759)], rps12 [complement(101293..101524)], rps12 [complement(72896..73009)], trnK-UUU [complement(1805..1834)], trnK-UUU [complement(4359..4395)], rps16 [complement(5091..5314)], rps16 [complement(6173..6212)], atpF [complement(12063..12539)], atpF [complement(13167..13325)], rpoC1 [complement(21396..23018)], rpoC1 [complement(23744..24199)], ycf3 [complement(44179..44331)], ycf3 [complement(45095..45322)], ycf3 [complement(46062..46187)], trnL-UAA [49200..49236], trnL-UAA [49732..49781], trnV-UAC [complement(53809..53845)], trnV-UAC [complement(54415..54452)], rps12 [complement(72896..73009)], rps12 [142548..142787], rps12 [143321..143341], clpP [complement(73148..73375)], clpP [complement(74011..74301)], clpP [complement(75098..75166)], petB [78117..78123], petB [78877..79517], rpl16 [complement(84348..84746)], rpl16 [complement(85786..85794)], rpl2 [complement(87437..87871)], rpl2 [complement(88535..88927)], ndhB [complement(97712..98467)], ndhB [complement(99147..99923)], trnI-GAU [105234..105275], trnI-GAU [105995..106029], trnA-UGC [106094..106131], trnA-UGC [106943..106977], ndhA [complement(122358..122897)], ndhA [complement(124066..124617)], trnA-UGC [complement(137095..137129)], trnA-UGC [complement(137941..137978)], trnI-GAU [complement(138043..138077)], trnI-GAU [complement(138797..138838)], ndhB [144149..144925], ndhB [145605..146360]	trnK-UUU [complement(1835..4358)], rps16 [complement(5315..6172)], atpF [complement(12540..13166)], rpoC1 [complement(23019..23743)], ycf3 [complement(44332..45094)], ycf3 [complement(45323..46061)], trnL-UAA [49237..49731], trnV-UAC [complement(53846..54414)], clpP [complement(73376..74010)], clpP [complement(74302..75097)], petB [78124..78876], rpl16 [complement(84747..85785)], rpl2 [complement(87872..88534)], ndhB [complement(98468..99146)], trnI-GAU [105276..105994], trnA-UGC [106132..106942], ndhA [complement(122898..124065)], trnA-UGC [complement(137130..137940)], trnI-GAU [complement(138078..138796)], ndhB [144926..145604]
1874.	IPAS	29	rps12 [complement(98879..99121)], rps12 [complement(71841..71966)], rps16 [complement(4822..5041)], rps16 [complement(5854..5891)], atpF [complement(12022..12449)], atpF [complement(13132..13279)], rpoC1 [complement(21260..22884)], rpoC1 [complement(23700..24153)], ycf3	rps16 [complement(5042..5853)], atpF [complement(12450..13131)], rpoC1 [complement(22885..23699)], ycf3 [complement(44236..44997)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44083..44235)], ycf3 [complement(44998..45227)], ycf3 [complement(45943..46069)], rps12 [148746..148988], clpP [complement(72132..72674)], clpP [complement(73483..73551)], ycf1 [109554..114653], ycf1 [114752..115456], ndhA [117396..117952], ndhA [119420..119960], ndhB [150339..151113], ndhB [151785..152536]	[complement(45228..45942)], clpP [complement(72675..73482)], ycf1 [114654..114751], ndhA [117953..119419], ndhB [151114..151784]
1875.	IPBA	68	trnK-UUU [complement(1663..1697)], trnK-UUU [complement(4240..4276)], rps16 [complement(4906..5126)], rps16 [complement(5945..5984)], trnG-UCC [8733..8755], trnG-UCC [9635..9682], atpF [complement(11975..12412)], atpF [complement(13076..13234)], rpoC1 [complement(21224..22843)], rpoC1 [complement(23662..24117)], ycf3 [complement(44044..44196)], ycf3 [complement(44965..45192)], ycf3 [complement(45908..46033)], trnL-UAA [49260..49296], trnL-UAA [49638..49687], trnV-UAC [complement(53389..53425)], trnV-UAC [complement(54010..54047)], clpP [complement(73028..73330)], clpP [complement(74125..74193)], petB [77221..77229], petB [77970..78623], rpl16 [complement(83480..83917)], rpl16 [complement(84933..84941)], ndhB [complement(95812..96561)], ndhB [complement(97233..98009)], ycf68 [102360..102368], ycf68 [103475..103816], trnI-GAU [103296..103337], trnI-GAU [104263..104297], trnA-UGC [104361..104398], trnA-UGC [105210..105244], orf56 [complement(104857..104976)], orf56 [complement(105762..105788)], ndhA [complement(128536..129075)], ndhA [complement(130517..131074)], orf56 [143332..143358], orf56 [144144..144263], trnA-UGC [complement(143876..143910)], trnA-UGC [complement(144722..144759)], trnI-GAU [complement(144823..144857)], trnI-GAU [complement(145783..145824)], ycf68 [complement(145304..145645)], ycf68 [complement(146752..146760)], ndhB [151111..151887], ndhB [152559..153308]	trnK-UUU [complement(1698..4239)], rps16 [complement(5127..5944)], trnG-UCC [8756..9634], atpF [complement(12413..13075)], rpoC1 [complement(22844..23661)], ycf3 [complement(44197..44964)], ycf3 [complement(45193..45907)], trnL-UAA [49297..49637], trnV-UAC [complement(53426..54009)], clpP [complement(73331..74124)], petB [77230..77969], rpl16 [complement(83918..84932)], ndhB [complement(96562..97232)], ycf68 [102369..103474], trnI-GAU [103338..104262], trnA-UGC [104399..105209], orf56 [complement(104977..105761)], ndhA [complement(129076..130516)], orf56 [143359..144143], trnA-UGC [complement(143911..144721)], trnI-GAU [complement(144858..145782)], ycf68 [complement(145646..146751)], ndhB [151888..152558]
1876.	IPCA	28	rps12 [complement(100006..100248)], rps12 [complement(72679..72804)], rps16 [complement(4884..5103)], rps16 [complement(5914..5951)], atpF [complement(12021..12457)], atpF [complement(13131..13278)], rpoC1 [complement(21270..22894)], rpoC1 [complement(23705..24158)], ycf3	rps16 [complement(5104..5913)], atpF [complement(12458..13130)], rpoC1 [complement(22895..23704)], ycf3 [complement(44316..45083)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44163..44315)], ycf3 [complement(45084..45313)], ycf3 [complement(46029..46155)], rps12 [149825..150067], clpP [complement(72967..73234)], clpP [complement(73845..74137)], clpP [complement(74932..75000)], ndhA [118562..119118], ndhA [120539..121088], ndhB [151418..152192], ndhB [152864..153615]	[complement(45314..46028)], clpP [complement(73235..73844)], clpP [complement(74138..74931)], ndhA [119119..120538], ndhB [152193..152863]
1877.	IPCO	46	rps12 [complement(98693..98718)], rps12 [complement(99255..99486)], rps12 [complement(71638..71751)], trnK-UUU [complement(1664..1698)], trnK-UUU [complement(4223..4259)], trnG-UCC [8726..8748], trnG-UCC [9620..9667], atpF [complement(11969..12378)], atpF [complement(13079..13223)], trnL-UAA [49027..49061], trnL-UAA [49405..49454], trnV-UAC [complement(53164..53198)], trnV-UAC [complement(53785..53822)], rps12 [149324..149555], rps12 [150092..150117], clpP [complement(71914..72165)], clpP [complement(72775..73066)], trnI-GAU [103185..103221], trnI-GAU [104152..104186], trnA-UGC [104250..104287], trnA-UGC [105099..105133], trnA-UGC [complement(143677..143711)], trnA-UGC [complement(144523..144560)], trnI-GAU [complement(144624..144658)], trnI-GAU [complement(145589..145625)]	trnK-UUU [complement(1699..4222)], rps16 [complement(5107..5923)], trnG-UCC [8749..9619], atpF [complement(12379..13078)], rpoC1 [complement(22821..23647)], ycf3 [complement(43953..44720)], ycf3 [complement(44951..45665)], trnL-UAA [49062..49404], trnV-UAC [complement(53199..53784)], clpP [complement(72166..72774)], clpP [complement(73067..73857)], petB [76962..77715], petD [78572..79275], rpl16 [complement(83653..84674)], ndhB [complement(96446..97116)], trnI-GAU [103222..104151], trnA-UGC [104288..105098], ndhA [complement(128931..130354)], trnA-UGC [complement(143712..144522)], trnI-GAU [complement(144659..145588)], ndhB [151694..152364]
1878.	IPCR	28	rps12 [complement(99210..99452)], rps12 [complement(71734..71859)], rps16 [complement(4905..5124)], rps16 [complement(5936..5973)], atpF [complement(12019..12455)], atpF [complement(13127..13274)], rpoC1 [complement(21273..22897)], rpoC1 [complement(23713..24166)], ycf3 [complement(44173..44325)], ycf3 [complement(45089..45318)], ycf3 [complement(46034..46160)], rps12 [148935..149177], clpP [complement(72022..72271)], clpP [complement(72881..73173)], clpP	rps16 [complement(5125..5935)], atpF [complement(12456..13126)], rpoC1 [complement(22898..23712)], ycf3 [complement(44326..45088)], ycf3 [complement(45319..46033)], clpP [complement(72272..72880)], clpP [complement(73174..73966)], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73967..74035)], ndhA [complement(128196..128742)], ndhA [complement(130147..130709)], ndhB [150528..151302], ndhB [151974..152725]	[complement(128743..130146)], ndhB [151303..151973]
1879.	IPCY	46	rps12 [complement(98715..98740)], rps12 [complement(99277..99508)], rps12 [complement(71644..71757)], trnK-UUU [complement(1659..1693)], trnK-UUU [complement(4227..4263)], trnG-UCC [8722..8744], trnG-UCC [9616..9663], atpF [complement(11966..12375)], atpF [complement(13075..13219)], trnL-UAA [49031..49065], trnL-UAA [49409..49458], trnV-UAC [complement(53163..53197)], trnV-UAC [complement(53783..53820)], rps12 [149416..149647], rps12 [150184..150209], clpP [complement(71920..72171)], clpP [complement(72782..73073)], trnI-GAU [103207..103243], trnI-GAU [104174..104208], trnA-UGC [104272..104309], trnA-UGC [105121..105155], trnA-UGC [complement(143769..143803)], trnA-UGC [complement(144615..144652)], trnI-GAU [complement(144716..144750)], trnI-GAU [complement(145681..145717)]	trnK-UUU [complement(1694..4226)], rps16 [complement(5113..5929)], trnG-UCC [8745..9615], atpF [complement(12376..13074)], rpoC1 [complement(22815..23640)], ycf3 [complement(43958..44725)], ycf3 [complement(44956..45670)], trnL-UAA [49066..49408], trnV-UAC [complement(53198..53782)], clpP [complement(72172..72781)], clpP [complement(73074..73864)], petB [76970..77723], petD [78580..79278], rpl16 [complement(83656..84675)], ndhB [complement(96468..97138)], trnI-GAU [103244..104173], trnA-UGC [104310..105120], ndhA [complement(128979..130402)], trnA-UGC [complement(143804..144614)], trnI-GAU [complement(144751..145680)], ndhB [151786..152456]
1880.	IPGO	25	rps12 [complement(99363..99605)], rps12 [complement(72012..72137)], rps16 [complement(4941..5160)], rps16 [complement(5975..6012)], atpF [complement(12071..12507)], atpF [complement(13179..13326)], rpoC1 [complement(21318..22942)], rpoC1 [complement(23759..24212)], ycf3 [complement(44154..44306)], ycf3 [complement(45080..45309)], ycf3 [complement(46025..46151)], rps12 [148682..148924], clpP [complement(72300..72549)], clpP [complement(73164..73456)], clpP [complement(74259..74327)], ndhB [150276..151050], ndhB [151722..152473]	rps16 [complement(5161..5974)], atpF [complement(12508..13178)], rpoC1 [complement(22943..23758)], ycf3 [complement(44307..45079)], ycf3 [complement(45310..46024)], clpP [complement(72550..73163)], clpP [complement(73457..74258)], ndhB [151051..151721]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1881.	IPHE	66	rps12 [complement(98987..99012)], rps12 [complement(99549..99780)], rps12 [complement(72105..72218)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4407..4443)], rps16 [complement(5096..5316)], rps16 [complement(6125..6164)], trnG-UCC [8922..8944], trnG-UCC [9803..9850], atpF [complement(12186..12596)], atpF [complement(13293..13436)], rpoC1 [complement(21440..23050)], rpoC1 [complement(23861..24292)], ycf3 [complement(44234..44386)], ycf3 [complement(45155..45382)], ycf3 [complement(46107..46232)], trnL-UAA [49443..49477], trnL-UAA [49837..49870], trnV-UAC [complement(53585..53621)], trnV-UAC [complement(54206..54243)], rps12 [149616..149847], rps12 [150384..150409], clpP [complement(72381..72632)], clpP [complement(73246..73537)], clpP [complement(74339..74409)], petB [77424..77429], petB [78183..78824], petD [79031..79038], petD [79738..80212], rpl16 [complement(83690..84124)], rpl16 [complement(85148..85156)], ndhB [complement(95988..96737)], ndhB [complement(97409..98185)], trnI-GAU [103469..103510], trnI-GAU [104436..104470], trnA-UGC [104534..104571], trnA-UGC [105383..105417], ndhA [complement(128691..129231)], ndhA [complement(130673..131229)], trnA-UGC [complement(143979..144013)], trnA-UGC [complement(144825..144862)], trnI-GAU [complement(144926..144960)], trnI-GAU [complement(145886..145927)], ndhB [151211..151987], ndhB [152659..153408]	trnK-UUU [complement(1861..4406)], rps16 [complement(5317..6124)], trnG-UCC [8945..9802], atpF [complement(12597..13292)], rpoC1 [complement(23051..23860)], ycf3 [complement(44387..45154)], ycf3 [complement(45383..46106)], trnL-UAA [49478..49836], trnV-UAC [complement(53622..54205)], clpP [complement(72633..73245)], clpP [complement(73538..74338)], petB [77430..78182], petD [79039..79737], rpl16 [complement(84125..85147)], ndhB [complement(96738..97408)], trnI-GAU [103511..104435], trnA-UGC [104572..105382], ndhA [complement(129232..130672)], trnA-UGC [complement(144014..144824)], trnI-GAU [complement(144961..145885)], ndhB [151988..152658]
1882.	IPLA	66	rps12 [complement(98710..98735)], rps12 [complement(99272..99503)], rps12 [complement(71655..71768)], trnK-UUU [complement(1693..1727)], trnK-UUU [complement(4252..4288)], rps16 [complement(4915..5135)], rps16 [complement(5953..5992)], trnG-UCC [8756..8778], trnG-UCC [9650..9697], atpF [complement(11998..12408)], atpF [complement(13110..13253)], rpoC1 [complement(21239..22849)], rpoC1 [complement(23677..24108)], ycf3 [complement(43838..43990)], ycf3 [complement(44759..44986)], ycf3 [complement(45702..45827)], trnL-UAA [49047..49081], trnL-UAA [49441..49474], trnV-UAC [complement(53182..53218)], trnV-UAC [complement(53803..53840)], rps12 [149569..149800], rps12	trnK-UUU [complement(1728..4251)], rps16 [complement(5136..5952)], trnG-UCC [8779..9649], atpF [complement(12409..13109)], rpoC1 [complement(22850..23676)], ycf3 [complement(43991..44758)], ycf3 [complement(44987..45701)], trnL-UAA [49082..49440], trnV-UAC [complement(53219..53802)], clpP [complement(72183..72788)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[150337..150362], clpP [complement(71931..72182)], clpP [complement(72789..73083)], clpP [complement(73875..73945)], petB [76973..76978], petB [77733..78374], petD [78581..78588], petD [79293..79767], rpl16 [complement(83235..83669)], rpl16 [complement(84691..84699)], ndhB [complement(95713..96462)], ndhB [complement(97134..97910)], trnI-GAU [103202..103243], trnI-GAU [104169..104203], trnA-UGC [104267..104304], trnA-UGC [105116..105150], ndhA [complement(128522..129062)], ndhA [complement(130489..131045)], trnA-UGC [complement(143922..143956)], trnA-UGC [complement(144768..144805)], trnI-GAU [complement(144869..144903)], trnI-GAU [complement(145829..145870)], ndhB [151162..151938], ndhB [152610..153359]	[complement(73084..73874)], petB [76979..77732], petD [78589..79292], rpl16 [complement(83670..84690)], ndhB [complement(96463..97133)], trnI-GAU [103244..104168], trnA-UGC [104305..105115], ndhA [complement(129063..130488)], trnA-UGC [complement(143957..144767)], trnI-GAU [complement(144904..145828)], ndhB [151939..152609]
1883.	IPLE	46	rps12 [complement(98681..98706)], rps12 [complement(99243..99474)], rps12 [complement(71659..71772)], trnK-UUU [complement(1687..1721)], trnK-UUU [complement(4250..4286)], trnG-UCC [8752..8774], trnG-UCC [9646..9693], atpF [complement(11995..12404)], atpF [complement(13103..13247)], trnL-UAA [49050..49084], trnL-UAA [49428..49477], trnV-UAC [complement(53178..53212)], trnV-UAC [complement(53799..53836)], rps12 [149407..149638], rps12 [150175..150200], clpP [complement(71935..72186)], clpP [complement(72798..73089)], trnI-GAU [103168..103204], trnI-GAU [104135..104169], trnA-UGC [104233..104270], trnA-UGC [105082..105116], trnA-UGC [complement(143765..143799)], trnA-UGC [complement(144611..144648)], trnI-GAU [complement(144712..144746)], trnI-GAU [complement(145677..145713)]	trnK-UUU [complement(1722..4249)], rps16 [complement(5134..5950)], trnG-UCC [8775..9645], atpF [complement(12405..13102)], rpoC1 [complement(22847..23672)], ycf3 [complement(43980..44747)], ycf3 [complement(44978..45692)], trnL-UAA [49085..49427], trnV-UAC [complement(53213..53798)], clpP [complement(72187..72797)], clpP [complement(73090..73880)], petB [76985..77739], petD [78596..79294], rpl16 [complement(83671..84690)], ndhB [complement(96434..97104)], trnI-GAU [103205..104134], trnA-UGC [104271..105081], ndhA [complement(128947..130374)], trnA-UGC [complement(143800..144610)], trnI-GAU [complement(144747..145676)], ndhB [151777..152447]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1884.	IPMA	28	rps12 [complement(99425..99667)], rps12 [complement(72037..72162)], rps16 [complement(5051..5270)], rps16 [complement(6084..6121)], atpF [complement(12219..12655)], atpF [complement(13337..13484)], rpoC1 [complement(21476..23100)], rpoC1 [complement(23912..24365)], ycf3 [complement(44315..44467)], ycf3 [complement(45230..45459)], ycf3 [complement(46171..46297)], rps12 [149397..149639], clpP [complement(72325..72574)], clpP [complement(73183..73475)], clpP [complement(74271..74339)], ndhA [118190..118746], ndhA [120182..120731], ndhB [150990..151764], ndhB [152436..153187]	rps16 [complement(5271..6083)], atpF [complement(12656..13336)], rpoC1 [complement(23101..23911)], ycf3 [complement(44468..45229)], ycf3 [complement(45460..46170)], clpP [complement(72575..73182)], clpP [complement(73476..74270)], ndhA [118747..120181], ndhB [151765..152435]
1885.	IPMR	28	rps12 [complement(99213..99455)], rps12 [complement(71801..71926)], rps16 [complement(4883..5102)], rps16 [complement(5913..5950)], atpF [complement(12018..12454)], atpF [complement(13128..13275)], rpoC1 [complement(21267..22891)], rpoC1 [complement(23702..24155)], ycf3 [complement(44154..44306)], ycf3 [complement(45075..45304)], ycf3 [complement(46020..46146)], rps12 [149594..149836], clpP [complement(72089..72356)], clpP [complement(72961..73259)], clpP [complement(74054..74122)], ndhA [complement(128475..129021)], ndhA [complement(130437..130999)], ndhB [151187..151961], ndhB [152633..153384]	rps16 [complement(5103..5912)], atpF [complement(12455..13127)], rpoC1 [complement(22892..23701)], ycf3 [complement(44307..45074)], ycf3 [complement(45305..46019)], clpP [complement(72357..72960)], clpP [complement(73260..74053)], ndhA [complement(129022..130436)], ndhB [151962..152632]
1886.	IPPU	37	rps12 [complement(72196..72309)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4417..4453)], trnG-UCC [8914..8936], trnG-UCC [9806..9853], trnV-UAC [complement(53601..53635)], trnV-UAC [complement(54222..54259)], rps12 [151043..151068], clpP [complement(72472..72723)], trnI-GAU [103624..103660], trnI-GAU [104591..104625], trnA-UGC [104689..104726], trnA-UGC [105538..105572], trnA-UGC [complement(144647..144681)], trnA-UGC [complement(145493..145530)], trnI-GAU [complement(145594..145628)], trnI-GAU [complement(146559..146595)]	trnK-UUU [complement(1844..4416)], rps16 [complement(5314..6123)], trnG-UCC [8937..9805], atpF [complement(12603..13299)], rpoC1 [complement(23034..23843)], ycf3 [complement(44368..45135)], ycf3 [complement(45366..46089)], trnV-UAC [complement(53636..54221)], clpP [complement(72724..73334)], clpP [complement(73627..74428)], petB [77511..78263], petD [79120..79819], rp116 [complement(84263..85278)], ndhB [complement(96903..97573)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[103661..104590], trnA-UGC [104727..105537], ndhA [complement(129657..131090)], trnA-UGC [complement(144682..145492)], trnI-GAU [complement(145629..146558)], ndhB [152646..153316]
1887.	IPQU	28	rps12 [complement(99462..99704)], rps12 [complement(72035..72160)], rps16 [complement(5043..5263)], rps16 [complement(6075..6114)], atpF [complement(12081..12517)], atpF [complement(13194..13341)], rpoC1 [complement(21342..22966)], rpoC1 [complement(23766..24219)], ycf3 [complement(44150..44302)], ycf3 [complement(45073..45302)], ycf3 [complement(46014..46140)], rps12 [148990..149232], clpP [complement(72323..72572)], clpP [complement(73184..73476)], clpP [complement(74269..74337)], ndhA [117902..118458], ndhA [119704..120244], ndhB [150583..151357], ndhB [152029..152780]	rps16 [complement(5264..6074)], atpF [complement(12518..13193)], rpoC1 [complement(22967..23765)], ycf3 [complement(44303..45072)], ycf3 [complement(45303..46013)], clpP [complement(72573..73183)], clpP [complement(73477..74268)], ndhA [118459..119703], ndhB [151358..152028]
1888.	IPRA	46	rps12 [complement(98709..98734)], rps12 [complement(99271..99502)], rps12 [complement(71643..71756)], trnK-UUU [complement(1659..1693)], trnK-UUU [complement(4227..4263)], trnG-UCC [8726..8748], trnG-UCC [9620..9667], atpF [complement(11969..12378)], atpF [complement(13079..13223)], trnL-UAA [49018..49052], trnL-UAA [49396..49445], trnV-UAC [complement(53143..53177)], trnV-UAC [complement(53764..53801)], rps12 [149469..149700], rps12 [150237..150262], clpP [complement(71919..72170)], clpP [complement(72781..73072)], trnI-GAU [103201..103237], trnI-GAU [104168..104202], trnA-UGC [104266..104303], trnA-UGC [105115..105149], trnA-UGC [complement(143822..143856)], trnA-UGC [complement(144668..144705)], trnI-GAU [complement(144769..144803)], trnI-GAU [complement(145734..145770)]	trnK-UUU [complement(1694..4226)], rps16 [complement(5113..5929)], trnG-UCC [8749..9619], atpF [complement(12379..13078)], rpoC1 [complement(22821..23646)], ycf3 [complement(43963..44730)], ycf3 [complement(44961..45675)], trnL-UAA [49053..49395], trnV-UAC [complement(53178..53763)], clpP [complement(72171..72780)], clpP [complement(73073..73863)], petB [76968..77721], petD [78578..79276], rpl16 [complement(83654..84675)], ndhB [complement(96462..97132)], trnI-GAU [103238..104167], trnA-UGC [104304..105114], ndhA [complement(129008..130431)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(143857..144667)], trnI-GAU [complement(144804..145733)], ndhB [151839..152509]
1889.	IPSE	34	rps12 [complement(103282..103524)], rps12 [complement(74032..74169)], rps16 [complement(5169..5395)], rps16 [complement(6273..6312)], atpF [complement(11735..12144)], atpF [complement(12933..13095)], rpoC1 [complement(21379..23017)], rpoC1 [complement(23818..24254)], ycf3 [complement(44415..44567)], ycf3 [complement(45353..45582)], ycf3 [complement(46365..46491)], rps12 [145439..145681], clpP [complement(74356..74587)], clpP [complement(75215..75528)], clpP [complement(76364..76432)], ycf15 [98090..98248], ycf15 [98538..98627], ndhA [complement(124801..125338)], ndhA [complement(126466..127022)], ndhB [147077..147853], ndhB [148543..149298], rpl2 [158493..158887], rpl2 [159585..160017]	rps16 [complement(5396..6272)], atpF [complement(12145..12932)], rpoC1 [complement(23018..23817)], ycf3 [complement(44568..45352)], ycf3 [complement(45583..46364)], clpP [complement(74588..75214)], clpP [complement(75529..76363)], ycf15 [98249..98537], ndhA [complement(125339..126465)], ndhB [147854..148542], rpl2 [158888..159584]
1890.	IPSP	46	rps12 [complement(99052..99077)], rps12 [complement(99614..99845)], rps12 [complement(72086..72199)], trnK-UUU [complement(1672..1706)], trnK-UUU [complement(4222..4258)], trnG-UCC [8731..8753], trnG-UCC [9636..9683], atpF [complement(11985..12394)], atpF [complement(13097..13241)], trnL-UAA [49318..49352], trnL-UAA [49696..49745], trnV-UAC [complement(53466..53500)], trnV-UAC [complement(54087..54124)], rps12 [149855..150086], rps12 [150623..150648], clpP [complement(72362..72613)], clpP [complement(73222..73513)], trnI-GAU [103545..103581], trnI-GAU [104512..104546], trnA-UGC [104610..104647], trnA-UGC [105459..105493], trnA-UGC [complement(144207..144241)], trnA-UGC [complement(145053..145090)], trnI-GAU [complement(145154..145188)], trnI-GAU [complement(146119..146155)]	trnK-UUU [complement(1707..4221)], rps16 [complement(5108..5929)], trnG-UCC [8754..9635], atpF [complement(12395..13096)], rpoC1 [complement(22841..23667)], ycf3 [complement(44267..45033)], ycf3 [complement(45264..45978)], trnL-UAA [49353..49695], trnV-UAC [complement(53501..54086)], clpP [complement(72614..73221)], clpP [complement(73514..74304)], petB [77410..78163], petD [79020..79718], rpl16 [complement(84096..85116)], ndhB [complement(96805..97475)], trnI-GAU [103582..104511], trnA-UGC [104648..105458], ndhA [complement(129372..130800)], trnA-UGC [complement(144242..145052)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(145189..146118)], ndhB [152225..152895]
1891.	IPTA	46	rps12 [complement(98716..98741)], rps12 [complement(99278..99509)], rps12 [complement(71665..71778)], trnK-UUU [complement(1661..1695)], trnK-UUU [complement(4229..4265)], trnG-UCC [8724..8746], trnG-UCC [9626..9673], atpF [complement(11974..12383)], atpF [complement(13089..13233)], trnL-UAA [49011..49045], trnL-UAA [49389..49438], trnV-UAC [complement(53141..53175)], trnV-UAC [complement(53762..53799)], rps12 [149286..149517], rps12 [150054..150079], clpP [complement(71941..72192)], clpP [complement(72804..73095)], trnI-GAU [103203..103239], trnI-GAU [104170..104204], trnA-UGC [104268..104305], trnA-UGC [105117..105151], trnA-UGC [complement(143644..143678)], trnA-UGC [complement(144490..144527)], trnI-GAU [complement(144591..144625)], trnI-GAU [complement(145556..145592)]	trnK-UUU [complement(1696..4228)], rps16 [complement(5117..5928)], trnG-UCC [8747..9625], atpF [complement(12384..13088)], rpoC1 [complement(22830..23656)], ycf3 [complement(43967..44734)], ycf3 [complement(44965..45679)], trnL-UAA [49046..49388], trnV-UAC [complement(53176..53761)], clpP [complement(72193..72803)], clpP [complement(73096..73886)], petB [76995..77750], petD [78607..79306], rpl16 [complement(83684..84694)], ndhB [complement(96469..97139)], trnI-GAU [103240..104169], trnA-UGC [104306..105116], ndhA [complement(128922..130345)], trnA-UGC [complement(143679..144489)], trnI-GAU [complement(144626..145555)], ndhB [151656..152326]
1892.	IPTI	66	rps12 [complement(98781..98806)], rps12 [complement(99343..99574)], rps12 [complement(71658..71771)], trnK-UUU [complement(1671..1705)], trnK-UUU [complement(4239..4275)], rps16 [complement(4903..5123)], rps16 [complement(5941..5980)], trnG-UCC [8733..8755], trnG-UCC [9627..9674], atpF [complement(11976..12386)], atpF [complement(13087..13230)], rpoC1 [complement(21217..22827)], rpoC1 [complement(23654..24085)], ycf3 [complement(43818..43970)], ycf3 [complement(44739..44966)], ycf3 [complement(45682..45807)], trnL-UAA [49043..49077], trnL-UAA [49437..49470], trnV-UAC [complement(53176..53212)], trnV-UAC [complement(53797..53834)], rps12 [149766..149997], rps12	trnK-UUU [complement(1706..4238)], rps16 [complement(5124..5940)], trnG-UCC [8756..9626], atpF [complement(12387..13086)], rpoC1 [complement(22828..23653)], ycf3 [complement(43971..44738)], ycf3 [complement(44967..45681)], trnL-UAA [49078..49436], trnV-UAC [complement(53213..53796)], clpP [complement(72186..72795)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[150534..150559], clpP [complement(71934..72185)], clpP [complement(72796..73087)], clpP [complement(73879..73949)], petB [76978..76983], petB [77738..78379], petD [78586..78593], petD [79293..79767], rpl16 [complement(83235..83669)], rpl16 [complement(84690..84698)], ndhB [complement(95784..96533)], ndhB [complement(97205..97981)], trnI-GAU [103273..103314], trnI-GAU [104240..104274], trnA-UGC [104338..104375], trnA-UGC [105187..105221], ndhA [complement(128652..129192)], ndhA [complement(130617..131173)], trnA-UGC [complement(144119..144153)], trnA-UGC [complement(144965..145002)], trnI-GAU [complement(145066..145100)], trnI-GAU [complement(146026..146067)], ndhB [151359..152135], ndhB [152807..153556]	[complement(73088..73878)], petB [76984..77737], petD [78594..79292], rpl16 [complement(83670..84689)], ndhB [complement(96534..97204)], trnI-GAU [103315..104239], trnA-UGC [104376..105186], ndhA [complement(129193..130616)], trnA-UGC [complement(144154..144964)], trnI-GAU [complement(145101..146025)], ndhB [152136..152806]
1893.	IPTR	43	rps12 [complement(98469..98494)], rps12 [complement(99031..99262)], rps12 [complement(71694..71807)], trnK-UUU [complement(1635..1669)], trnK-UUU [complement(4221..4257)], trnG-UCC [8727..8749], trnG-UCC [9610..9657], trnL-UAA [48986..49020], trnL-UAA [49364..49413], trnV-UAC [complement(53132..53166)], trnV-UAC [complement(53753..53790)], rps12 [149521..149752], rps12 [150289..150314], clpP [complement(71970..72221)], trnI-GAU [102942..102978], trnI-GAU [103909..103943], trnA-UGC [104007..104044], trnA-UGC [104856..104890], trnA-UGC [complement(143893..143927)], trnA-UGC [complement(144739..144776)], trnI-GAU [complement(144840..144874)], trnI-GAU [complement(145805..145841)]	trnK-UUU [complement(1670..4220)], rps16 [complement(5119..5936)], trnG-UCC [8750..9609], atpF [complement(12386..13089)], rpoC1 [complement(22832..23641)], ycf3 [complement(43893..44660)], ycf3 [complement(44891..45605)], trnL-UAA [49021..49363], trnV-UAC [complement(53167..53752)], clpP [complement(72222..72831)], clpP [complement(73124..73914)], petB [76993..77746], petD [78603..79302], rpl16 [complement(83740..84759)], ndhB [complement(96222..96892)], trnI-GAU [102979..103908], trnA-UGC [104045..104855], ndhA [complement(128939..130342)], trnA-UGC [complement(143928..144738)], trnI-GAU [complement(144875..145804)], ndhB [151891..152561]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1894.	IRGA	72	rps12 [complement(96785..96810)], rps12 [complement(97352..97580)], rps12 [complement(68571..68684)], trnk-UUU [complement(1462..1496)], trnk-UUU [complement(4115..4151)], rps16 [complement(4767..4978)], rps16 [complement(5829..5868)], trnG-UCC [8927..8949], trnG-UCC [9625..9672], atpF [complement(11595..12005)], atpF [complement(12782..12925)], rpoC1 [complement(20414..22036)], rpoC1 [complement(22763..23194)], ycf3 [complement(42418..42570)], ycf3 [complement(43298..43527)], ycf3 [complement(44243..44366)], trnL-UAA [47335..47369], trnL-UAA [47770..47819], trnV-UAC [complement(51295..51331)], trnV-UAC [complement(51934..51972)], rps12 [138564..138792], rps12 [139334..139359], clpP [complement(68823..69074)], clpP [complement(69743..70034)], clpP [complement(70828..70898)], petB [73803..73808], petB [74550..75197], petD [75407..75414], petD [76158..76638], rpl16 [complement(80105..80503)], rpl16 [complement(81432..81440)], rpl2 [complement(83267..83697)], rpl2 [complement(84362..84752)], ndhB [complement(93899..94654)], ndhB [complement(95354..96130)], trnL-GUA [101502..101543], trnL-GUA [102485..102519], trnA-UGC [102584..102621], trnA-UGC [103431..103465], ndhA [complement(118554..119092)], ndhA [complement(120149..120701)], trnA-UGC [complement(132679..132713)], trnA-UGC [complement(133523..133560)], trnL-GUA [complement(133625..133659)], trnL-GUA [complement(134601..134642)], ndhB [140014..140790], ndhB [141490..142245], rpl2 [151392..151782], rpl2 [152447..152877]	trnk-UUU [complement(1497..4114)], rps16 [complement(4979..5828)], trnG-UCC [8950..9624], atpF [complement(12006..12781)], rpoC1 [complement(22037..22762)], ycf3 [complement(42571..43297)], ycf3 [complement(43528..44242)], trnL-UAA [47370..47769], trnV-UAC [complement(51332..51933)], clpP [complement(69075..69742)], clpP [complement(70035..70827)], petB [73809..74549], petD [75415..76157], rpl16 [complement(80504..81431)], rpl2 [complement(83698..84361)], ndhB [complement(94655..95353)], trnL-GUA [101544..102484], trnA-UGC [102622..103430], ndhA [complement(119093..120148)], trnA-UGC [complement(132714..133522)], trnL-GUA [complement(133660..134600)], ndhB [140791..141489], rpl2 [151783..152446]
1895.	IRMI	72	rps12 [complement(96496..96521)], rps12 [complement(97063..97291)], rps12 [complement(68304..68417)], trnk-UUU [complement(1372..1406)], trnk-UUU [complement(4025..4061)], rps16 [complement(4702..4913)], rps16 [complement(5766..5805)], trnG-UCC [8615..8637], trnG-UCC [9313..9360], atpF [complement(11256..11666)], atpF [complement(12449..12592)], rpoC1 [complement(19889..21505)], rpoC1 [complement(22219..22650)], ycf3 [complement(42049..42201)], ycf3 [complement(42929..43156)], ycf3 [complement(43875..44003)], trnL-UAA [46972..47006], trnL-UAA [47403..47452], trnV-UAC [complement(51045..51081)], trnV-UAC	trnk-UUU [complement(1407..4024)], rps16 [complement(4914..5765)], trnG-UCC [8638..9312], atpF [complement(11667..12448)], rpoC1 [complement(21506..22218)], ycf3 [complement(42202..42928)], ycf3 [complement(43157..43874)], trnL-UAA [47007..47402], trnV-UAC [complement(51082..51682)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51683..51721)], rps12 [138191..138419], rps12 [138961..138986], clpP [complement(68556..68810)], clpP [complement(69482..69772)], clpP [complement(70563..70631)], petB [73541..73546], petB [74305..74946], petD [75154..75159], petD [75892..76395], rpl16 [complement(79839..80240)], rpl16 [complement(81147..81155)], rpl2 [complement(82967..83398)], rpl2 [complement(84060..84452)], ndhB [complement(93610..94365)], ndhB [complement(95065..95841)], trnI-GAU [101233..101274], trnI-GAU [102217..102251], trnA-UGC [102321..102358], trnA-UGC [103167..103201], ndhA [115076..115627], ndhA [116696..117235], trnA-UGC [complement(132281..132315)], trnA-UGC [complement(133124..133161)], trnI-GAU [complement(133231..133265)], trnI-GAU [complement(134208..134249)], ndhB [139641..140417], ndhB [141117..141872], rpl2 [151030..151422], rpl2 [152084..152515]	[complement(68811..69481)], clpP [complement(69773..70562)], petB [73547..74304], petD [75160..75891], rpl16 [complement(80241..81146)], rpl2 [complement(83399..84059)], ndhB [complement(94366..95064)], trnI-GAU [101275..102216], trnA-UGC [102359..103166], ndhA [115628..116695], trnA-UGC [complement(132316..133123)], trnI-GAU [complement(133266..134207)], ndhB [140418..141116], rpl2 [151423..152083]
1896.	IRSA	72	rps12 [complement(96434..96459)], rps12 [complement(96996..97224)], rps12 [complement(68235..68348)], trnK-UUU [complement(1378..1408)], trnK-UUU [complement(4045..4081)], rps16 [complement(4711..4922)], rps16 [complement(5776..5815)], trnG-UCC [8566..8588], trnG-UCC [9269..9305], atpF [complement(11229..11639)], atpF [complement(12423..12566)], rpoC1 [complement(19625..21241)], rpoC1 [complement(21961..22392)], ycf3 [complement(41899..42051)], ycf3 [complement(42779..43006)], ycf3 [complement(43730..43858)], trnL-UAA [46767..46801], trnL-UAA [47196..47245], trnV-UAC [complement(50909..50945)], trnV-UAC [complement(51547..51585)], rps12 [137525..137753], rps12 [138290..138315], clpP [complement(68487..68738)], clpP [complement(69404..69695)], clpP [complement(70479..70549)], petB [73456..73461], petB [74204..74851], petD [75083..75090], petD [75826..76327], rpl16 [complement(79787..80185)], rpl16 [complement(81081..81089)], rpl2 [complement(82903..83333)], rpl2 [complement(83998..84388)], ndhB [complement(93548..94303)], ndhB [complement(95003..95779)], trnI-GAU [100972..101013], trnI-GAU [101955..101989], trnA-UGC [102059..102096], trnA-UGC [102905..102939],	trnK-UUU [complement(1409..4044)], rps16 [complement(4923..5775)], trnG-UCC [8589..9268], atpF [complement(11640..12422)], rpoC1 [complement(21242..21960)], ycf3 [complement(42052..42778)], ycf3 [complement(43007..43729)], trnL-UAA [46802..47195], trnV-UAC [complement(50946..51546)], clpP [complement(68739..69403)], clpP [complement(69696..70478)], petB [73462..74203], petD [75091..75825], rpl16 [complement(80186..81080)], rpl2 [complement(83334..83997)], ndhB [complement(94304..95002)], trnI-GAU [101014..101954], trnA-UGC [102097..102904], ndhA [complement(118279..119341)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(117740..118278)], ndhA [complement(119342..119894)], trnA-UGC [complement(131810..131844)], trnA-UGC [complement(132653..132690)], trnI-GAU [complement(132760..132794)], trnI-GAU [complement(133736..133777)], ndhB [138970..139746], ndhB [140446..141201], rpl2 [150361..150750], rpl2 [151415..151846]	[complement(131845..132652)], trnI-GAU [complement(132795..133735)], ndhB [139747..140445], rpl2 [150751..151414]
1897.	ISAF	64	rps12 [complement(92927..92955)], rps12 [complement(93496..93727)], rps12 [complement(69844..69957)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3939..3976)], rps16 [complement(4527..4744)], rps16 [complement(5572..5611)], trnG-UCC [complement(13637..13684)], trnG-UCC [complement(14374..14396)], atpF [35596..35754], atpF [36571..36978], ycf3 [complement(44765..44923)], ycf3 [complement(45663..45890)], ycf3 [complement(46628..46759)], trnL-UAA [49497..49531], trnL-UAA [49994..50043], trnV-UAC [complement(53680..53716)], trnV-UAC [complement(54319..54357)], rps12 [130355..130586], rps12 [131127..131155], petB [73713..73718], petB [74472..75119], petD [75303..75310], petD [76051..76525], rpl16 [complement(80117..80518)], rpl16 [complement(81595..81603)], rpl2 [complement(83562..83993)], rpl2 [complement(84657..85046)], ndhB [complement(89856..90611)], ndhB [complement(91321..92097)], trnI-GAU [97590..97631], trnI-GAU [98579..98613], trnA-UGC [98679..98716], trnA-UGC [99527..99561], ndhA [complement(115010..115549)], ndhA [complement(116594..117142)], trnA-UGC [complement(124521..124555)], trnA-UGC [complement(125366..125403)], trnI-GAU [complement(125469..125503)], trnI-GAU [complement(126451..126492)], ndhB [131985..132761], ndhB [133471..134226], rpl2 [139036..139425], rpl2 [140089..140520]	trnK-UUU [complement(1412..3938)], rps16 [complement(4745..5571)], trnG-UCC [complement(13685..14373)], atpF [35755..36570], ycf3 [complement(44924..45662)], ycf3 [complement(45891..46627)], trnL-UAA [49532..49993], trnV-UAC [complement(53717..54318)], petB [73719..74471], petD [75311..76050], rpl16 [complement(80519..81594)], rpl2 [complement(83994..84656)], ndhB [complement(90612..91320)], trnI-GAU [97632..98578], trnA-UGC [98717..99526], ndhA [complement(115550..116593)], trnA-UGC [complement(124556..125365)], trnI-GAU [complement(125504..126450)], ndhB [132762..133470], rpl2 [139426..140088]
1898.	ISAL	25	trnK-UUU [complement(1393..1425)], trnK-UUU [complement(3910..3947)], trnG-UCC [complement(12568..12615)], trnG-UCC [complement(13296..13318)], rps12 [127294..127322]	trnK-UUU [complement(1426..3909)], rps16 [complement(4720..5558)], trnG-UCC [complement(12616..13295)], atpF [33866..34673], ycf3 [complement(43032..43797)], ycf3 [complement(44026..44767)], trnL-UAA [47648..48203], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(51820..52414)], petB [71898..72638], petD [73477..74213], rpl16 [complement(78649..79674)], rpl2 [complement(82073..82732)], ndhB [complement(87289..88000)], trnI-GAU [94266..95212], trnA-UGC [95351..96160], ndhA [complement(112041..113064)], trnA-UGC [complement(120768..121577)], trnI-GAU [complement(121716..122662)], ndhB [128928..129639], rpl2 [134196..134855]
1899.	ISCA	24	rps12 [137024..137049]	trnK-UUU [complement(1756..4317)], rps16 [complement(5269..6159)], rpoC1 [16382..17114], atpF [26821..27519], trnG-UCC [complement(29991..30712)], ycf3 [complement(41870..42604)], ycf3 [complement(42834..43531)], trnL-UAA [46129..46550], trnV-UAC [complement(50512..51084)], clpP [complement(68329..68939)], clpP [complement(69231..70026)], petB [73034..73784], petD [74623..75297], rpl16 [complement(79683..80711)], rpl2 [complement(82839..83502)], ndhB [complement(92731..93400)], trnI-GAU [99762..100536], trnA-UGC [100674..101485], ndhA [113795..114839], trnA-UGC [complement(130558..131369)], trnI-GAU [complement(131507..132281)], ndhB [138643..139312], rpl2 [148541..149204]
1900.	ISDI	64	rps12 [complement(89540..89568)], rps12 [complement(90109..90340)], rps12 [complement(68028..68141)], trnK-UUU [complement(1387..1419)],	trnK-UUU [complement(1420..3916)], rps16 [complement(4732..5570)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3917..3954)], rps16 [complement(4514..4731)], rps16 [complement(5571..5610)], trnG-UCC [complement(12578..12625)], trnG-UCC [complement(13306..13328)], atpF [33703..33861], atpF [34670..35077], ycf3 [complement(42869..43027)], ycf3 [complement(43823..44050)], ycf3 [complement(44797..44922)], trnL-UAA [47633..47667], trnL-UAA [48226..48278], trnV-UAC [complement(51800..51846)], trnV-UAC [complement(52432..52470)], rps12 [126449..126680], rps12 [127221..127249], petB [71877..71882], petB [72623..73270], petD [73453..73460], petD [74198..74672], rpl16 [complement(78164..78586)], rpl16 [complement(79614..79622)], rpl2 [complement(81584..82015)], rpl2 [complement(82679..83068)], ndhB [complement(86467..87223)], ndhB [complement(87936..88711)], trnI-GAU [94158..94199], trnI-GAU [95145..95179], trnA-UGC [95245..95282], trnA-UGC [96093..96127], ndhA [complement(111424..111963)], ndhA [complement(112989..113537)], trnA-UGC [complement(120662..120696)], trnA-UGC [complement(121507..121544)], trnI-GAU [complement(121610..121644)], trnI-GAU [complement(122590..122631)], ndhB [128078..128854], ndhB [129567..130322], rpl2 [133721..134110], rpl2 [134774..135205]	[complement(12626..13305)], atpF [33862..34669], ycf3 [complement(43028..43822)], ycf3 [complement(44051..44796)], trnL-UAA [47668..48225], trnV-UAC [complement(51847..52431)], petB [71883..72622], petD [73461..74197], rpl16 [complement(78587..79613)], rpl2 [complement(82016..82678)], ndhB [complement(87224..87935)], trnI-GAU [94200..95144], trnA-UGC [95283..96092], ndhA [complement(111964..112988)], trnA-UGC [complement(120697..121506)], trnI-GAU [complement(121645..122589)], ndhB [128855..129566], rpl2 [134111..134773]
1901.	ISHY	1	rps12 [139283..139308]	-
1902.	ISMA	64	rps12 [complement(91582..91610)], rps12 [complement(92151..92382)], rps12 [complement(68562..68675)], trnK-UUU [complement(1397..1429)], trnK-UUU [complement(3926..3968)], rps16 [complement(4519..4736)], rps16 [complement(5575..5614)], trnG-UCC [complement(12963..13010)], trnG-UCC [complement(13709..13731)], atpF [34166..34324], atpF [35141..35548], ycf3 [complement(43297..43455)], ycf3 [complement(44188..44415)], ycf3 [complement(45183..45314)], trnL-UAA [48089..48123], trnL-UAA [48575..48624], trnV-UAC [complement(52274..52310)], trnV-UAC [complement(52913..52951)], rps12 [128986..129217], rps12 [129758..129786], petB [72431..72436], petB [73187..73834], petD [74017..74024], petD [74765..75239], rpl16 [complement(78813..79214)], rpl16 [complement(80312..80320)], rpl2 [complement(82302..82733)], rpl2 [complement(83397..83786)], ndhB [complement(88515..89270)], ndhB	trnK-UUU [complement(1430..3925)], rps16 [complement(4737..5574)], trnG-UCC [complement(13011..13708)], atpF [34325..35140], ycf3 [complement(43456..44187)], ycf3 [complement(44416..45182)], trnL-UAA [48124..48574], trnV-UAC [complement(52311..52912)], petB [72437..73186], petD [74025..74764], rpl16 [complement(79215..80311)], rpl2 [complement(82734..83396)], ndhB [complement(89271..89974)], trnI-GAU [96261..97206], trnA-UGC [97345..98154],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89975..90751)], trnI-GAU [96219..96260], trnI-GAU [97207..97241], trnA-UGC [97307..97344], trnA-UGC [98155..98189], ndhA [complement(113680..114219)], ndhA [complement(115237..115785)], trnA-UGC [complement(123179..123213)], trnA-UGC [complement(124024..124061)], trnI-GAU [complement(124127..124161)], trnI-GAU [complement(125108..125149)], ndhB [130617..131393], ndhB [132098..132853], rpl2 [137582..137971], rpl2 [138635..139066]	ndhA [complement(114220..115236)], trnA-UGC [complement(123214..124023)], trnI-GAU [complement(124162..125107)], ndhB [131394..132097], rpl2 [137972..138634]
1903.	ISMN	25	psbA [complement(151128..151243)], psbA [complement(1..946)], rps12 [140568..140593]	psbA [complement(151244..0)], trnK-UUU [complement(1228..3745)], rps16 [complement(4705..5571)], trnG-UCC [7877..8581], atpF [complement(11021..11726)], rpoC1 [complement(21300..22049)], ycf3 [complement(42593..43348)], ycf3 [complement(43578..44283)], trnL-UAA [47126..47647], trnV-UAC [complement(51363..51955)], clpP [complement(71497..72264)], petB [75449..76237], petD [77091..77813], rpl16 [complement(82206..83095)], rpl2 [complement(85303..85960)], ndhB [complement(95475..96177)], trnI-GAU [101924..102815], trnA-UGC [102953..103758], ndhA [complement(119541..120615)], trnA-UGC [complement(134039..134844)], trnI-GAU [complement(134982..135873)], ndhB [141620..142322]
1904.	ISTI	72	rps12 [complement(98848..98873)], rps12 [complement(99411..99642)], rps12 [complement(70087..70212)], trnK [complement(1738..1772)], trnK [complement(4338..4374)], rps16 [complement(5098..5294)], rps16 [complement(6189..6228)], trnG [8704..8726], trnG [9443..9491], atpF	trnK [complement(1773..4337)], rps16 [complement(5295..6188)], trnG [8727..9442], atpF [complement(12024..12749)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(11614..12023)], atpF [complement(12750..12894)], rpoC1 [complement(20341..21951)], rpoC1 [complement(22781..23212)], ycf3 [complement(42740..42892)], ycf3 [complement(43714..43941)], trnL [47123..47157], trnL [47677..47726], trnV [complement(51476..51510)], trnV [complement(52119..52157)], rps12 [141680..141911], rps12 [142449..142474], clpP [complement(70398..70625)], clpP [complement(71162..71453)], clpP [complement(72357..72427)], petB [75427..75432], petB [76227..76868], petD [77071..77078], petD [77794..78268], rpl16 [complement(81743..82150)], rpl16 [complement(83247..83255)], rpl2 [complement(84946..85380)], rpl2 [complement(86063..86452)], ndhB [complement(95657..96418)], ndhB [complement(97176..97583)], trnI [103681..103717], trnI [104648..104682], trnA [104761..104798], trnA [105599..105633], ndhA [complement(121155..121684)], ndhA [complement(122759..123311)], trnA [complement(135689..135723)], trnA [complement(136524..136562)], trnI [complement(136640..136646)], trnI [complement(136768..136795)], trnI [complement(137605..137641)], ndhB [143739..144146], ndhB [144904..145665], rpl2 [154870..155259], rpl2 [155942..156376]	[complement(21952..22780)], ycf3 [complement(42893..43713)], trnL [47158..47676], trnV [complement(51511..52118)], clpP [complement(70626..71161)], clpP [complement(71454..72356)], petB [75433..76226], petD [77079..77793], rpl16 [complement(82151..83246)], rpl2 [complement(85381..86062)], ndhB [complement(96419..97175)], trnI [103718..104647], trnA [104799..105598], ndhA [complement(121685..122758)], trnA [complement(135724..136523)], trnI [complement(136647..136767)], trnI [complement(136796..137604)], ndhB [144147..144903], rpl2 [155260..155941]
1905.	ITCH	73	rps12 [complement(102604..102630)], rps12 [complement(103167..103397)], rps12 [complement(74261..74374)], trnK-UUU [complement(1796..1830)], trnK-UUU [complement(4345..4381)], rps16 [complement(5324..5550)], rps16 [complement(6438..6477)], trnG-GCC [10469..10492], trnG-GCC [11200..11247], atpF [complement(13249..13659)], atpF [complement(14390..14533)], rpoC1 [complement(22625..24243)], rpoC1 [complement(25007..25436)], ycf3 [complement(46155..46306)], ycf3 [complement(47010..47238)], ycf3 [complement(47953..48078)], trnL-UAA [51396..51432], trnL-UAA [51941..51990], trnV-UAC [complement(55948..55984)], trnV-UAC [complement(56552..56590)], rps12 [complement(74261..74374)], rps12 [145576..145806], rps12 [146344..146373], clpP [complement(74527..74751)], clpP [complement(75393..75684)], clpP [complement(76475..76545)], petB [79462..79467], petB [80289..80930], petD [81124..81131], petD	trnK-UUU [complement(1831..4344)], rps16 [complement(5551..6437)], trnG-GCC [10493..11199], atpF [complement(13660..14389)], rpoC1 [complement(24244..25006)], ycf3 [complement(46307..47009)], ycf3 [complement(47239..47952)], trnL-UAA [51433..51940], trnV-UAC [complement(55985..56551)], clpP [complement(74752..75392)], clpP [complement(75685..76474)], petB [79468..80288], petD [81132..81846], rpl16 [complement(86155..87166)], rpl2 [complement(89311..89975)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81847..82354], rpl16 [complement(85756..86154)], rpl16 [complement(87167..87175)], rpl2 [complement(88876..89310)], rpl2 [complement(89976..90365)], ndhB [complement(99542..100297)], ndhB [complement(100983..101759)], trnI-GAU [107362..107403], trnI-GAU [108341..108375], trnA-UGC [108440..108475], trnA-UGC [109267..109308], ndhA [complement(125053..125592)], ndhA [complement(126710..127261)], trnA-UGC [complement(139665..139706)], trnA-UGC [complement(140496..140533)], trnI-GAU [complement(140598..140632)], trnI-GAU [complement(141570..141611)], ndhB [147214..147990], ndhB [148676..149431], rpl2 [158608..158998], rpl2 [159664..160097]	[complement(100298..100982)], trnI-GAU [107404..108340], trnA-UGC [108476..109266], ndhA [complement(125593..126709)], trnA-UGC [complement(139707..140495)], trnI-GAU [complement(140633..141569)], ndhB [147991..148675], rpl2 [158999..159663]
1906.	ITOR	63	rps12 [complement(98813..98839)], rps12 [complement(99376..99606)], rps12 [complement(69887..70000)], trnK-UUU [complement(1695..1723)], trnK-UUU [complement(4286..4322)], atpF [complement(10343..10831)], atpF [complement(11473..11631)], rpoC1 [complement(19498..21123)], rpoC1 [complement(21849..22283)], ycf3 [complement(42452..42604)], ycf3 [complement(43324..43551)], ycf3 [complement(44267..44395)], trnL-UAA [46684..46720], trnL-UAA [47314..47363], trnV-UAC [complement(51349..51385)], trnV-UAC [complement(51985..52023)], rps12 [141556..141786], rps12 [142323..142349], clpP [complement(70193..70420)], clpP [complement(71079..71369)], clpP [complement(72214..72282)], petB [75245..75250], petB [76056..76697], rpl16 [complement(81714..82114)], rpl16 [complement(83235..83244)], rpl2 [complement(85095..85565)], rpl2 [complement(86195..86587)], ndhB [complement(95748..96503)], ndhB [complement(97186..97908)], trnI-GAU [103615..103656], trnI-GAU [104600..104634], trnA-UGC [104699..104736], trnA-UGC [105542..105576], ndhA [complement(120889..121434)], ndhA [complement(122505..123056)], trnA-UGC [complement(135586..135620)], trnA-UGC [complement(136426..136463)], trnI-GAU [complement(136528..136562)], trnI-GAU [complement(137506..137547)], ndhB [143254..143976], ndhB [144659..145414], rpl2 [154575..154967], rpl2 [155597..156067]	trnK-UUU [complement(1724..4285)], atpF [complement(10832..11472)], rpoC1 [complement(21124..21848)], ycf3 [complement(42605..43323)], ycf3 [complement(43552..44266)], trnL-UAA [46721..47313], trnV-UAC [complement(51386..51984)], clpP [complement(70421..71078)], clpP [complement(71370..72213)], petB [75251..76055], rpl16 [complement(82115..83234)], rpl2 [complement(85566..86194)], ndhB [complement(96504..97185)], trnI-GAU [103657..104599], trnA-UGC [104737..105541], ndhA [complement(121435..122504)], trnA-UGC [complement(135621..136425)], trnI-GAU [complement(136563..137505)], ndhB [143977..144658], rpl2 [154968..155596]
1907.	JAAM	73	rps12 [complement(100566..100591)], rps12 [complement(101128..101359)], rps12 [complement(72549..72662)], trnK-UUU [complement(1686..1720)],	trnK-UUU [complement(1721..4230)], rps16 [complement(5348..6250)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4231..4267)], rps16 [complement(5123..5347)], rps16 [complement(6251..6289)], trnG-UCC [9920..9942], trnG-UCC [10618..10665], atpF [complement(12605..13012)], atpF [complement(13719..13877)], rpoC1 [complement(21853..23478)], rpoC1 [complement(24230..24664)], ycf3 [complement(43991..44143)], ycf3 [complement(44882..45109)], ycf3 [complement(45828..45953)], trnL-UAA [49104..49138], trnL-UAA [49660..49709], trnV-UAC [complement(53666..53702)], trnV-UAC [complement(54284..54322)], rps12 [complement(72549..72662)], rps12 [143598..143829], rps12 [144366..144391], clpP [complement(72801..73028)], clpP [complement(73700..73990)], clpP [complement(74767..74835)], petB [77728..77733], petB [78506..79147], petD [79337..79344], petD [80089..80563], rpl16 [complement(84024..84425)], rpl16 [complement(85470..85478)], rpl2 [complement(87142..87576)], rpl2 [complement(88239..88631)], ndhB [complement(97510..98265)], ndhB [complement(98945..99721)], trnI-GAU [105321..105362], trnI-GAU [106308..106342], trnA-UGC [106407..106444], trnA-UGC [107252..107286], ndhA [complement(123137..123676)], ndhA [complement(124775..125326)], trnA-UGC [complement(137671..137705)], trnA-UGC [complement(138513..138550)], trnI-GAU [complement(138615..138649)], trnI-GAU [complement(139595..139636)], ndhB [145236..146012], ndhB [146692..147447], rpl2 [156326..156715], rpl2 [157381..157815]	[9943..10617], atpF [complement(13013..13718)], rpoC1 [complement(23479..24229)], ycf3 [complement(44144..44881)], ycf3 [complement(45110..45827)], trnL-UAA [49139..49659], trnV-UAC [complement(53703..54283)], clpP [complement(73029..73699)], clpP [complement(73991..74766)], petB [77734..78505], petD [79345..80088], rpl16 [complement(84426..85469)], rpl2 [complement(87577..88238)], ndhB [complement(98266..98944)], trnI-GAU [105363..106307], trnA-UGC [106445..107251], ndhA [complement(123677..124774)], trnA-UGC [complement(137706..138512)], trnI-GAU [complement(138650..139594)], ndhB [146013..146691], rpl2 [156716..157380]
1908.	JACU	2	rps12 [complement(75975..76088)], rps12 [149328..149570]	-
1909.	JAFL	65	rps12 [complement(100707..100747)], rps12 [complement(101284..101515)], rps12 [complement(74441..74554)], rps16 [complement(5512..5738)], rps16 [complement(6633..6672)], trnG-GCC [9696..9718], trnG-GCC [10395..10442], atpF [complement(12406..12816)], atpF [complement(13519..13662)], rpoC1 [complement(22582..24198)], rpoC1 [complement(24955..25410)], trnL-UAA [complement(58452..58501)], trnL-UAA [complement(58977..59011)], ycf3 [61989..62112], ycf3 [62825..63054], ycf3 [63821..63973], rps12 [complement(74441..74554)], rps12 [147337..147568], rps12 [148105..148145], clpP [complement(74689..75300)],	rps16 [complement(5739..6632)], trnG-GCC [9719..10394], atpF [complement(12817..13518)], rpoC1 [complement(24199..24954)], trnL-UAA [complement(58502..58976)], ycf3 [62113..62824], ycf3 [63055..63820], clpP [complement(75301..75399)], petB [78618..79341], petD [80174..80926], rpl16 [complement(85371..86342)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(75400..75468)], petB [78612..78617], petB [79342..79983], petD [80166..80173], petD [80927..81401], rpl16 [complement(84972..85370)], rpl16 [complement(86343..86351)], rpl2 [complement(88107..88540)], rpl2 [complement(89168..89558)], ndhB [complement(97698..98453)], ndhB [complement(99141..99917)], trnI-GAU [104692..104728], trnI-GAU [105672..105706], trnA-UGC [105771..105808], trnA-UGC [106620..106654], ndhA [complement(127014..127543)], ndhA [complement(128687..129242)], trnA-UGC [complement(142198..142232)], trnA-UGC [complement(143044..143081)], trnI-GAU [complement(143146..143180)], trnI-GAU [complement(144124..144160)], ndhB [148935..149711], ndhB [150399..151154], rpl2 [159294..159684], rpl2 [160312..160745]</p>	<p>[complement(88541..89167)], ndhB [complement(98454..99140)], trnI-GAU [104729..105671], trnA-UGC [105809..106619], ndhA [complement(127544..128686)], trnA-UGC [complement(142233..143043)], trnI-GAU [complement(143181..144123)], ndhB [149712..150398], rpl2 [159685..160311]</p>
1910.	JANU	5	<p>rps12 [complement(76815..76928)], trnK-UUU [complement(1918..1952)], trnK-UUU [complement(4631..4667)], rpoC1 [complement(22476..24119)], rps12 [152492..152526]</p>	-
1911.	JAOS	73	<p>rps12 [complement(100290..100330)], rps12 [complement(100875..101106)], rps12 [complement(71758..71871)], trnK-UUU [complement(1425..1459)], trnK-UUU [complement(4041..4077)], rps16 [complement(4527..4736)], rps16 [complement(5573..5617)], trnG-UCC [9190..9213], trnG-UCC [9965..10012], atpF [complement(11932..12356)], atpF [complement(13118..13262)], rpoC1 [complement(20976..22592)], rpoC1 [complement(23317..23748)], ycf3 [complement(42973..43131)], ycf3 [complement(43869..44098)], ycf3 [complement(44831..44954)], trnL-UAA [47882..47917], trnL-UAA [48394..48443], trnV-UAC [complement(52909..52943)], trnV-UAC [complement(53529..53567)], rps12 [complement(71758..71871)], rps12 [142963..143194], rps12 [143738..143778], clpP [complement(72013..72264)], clpP [complement(72925..73216)], clpP [complement(74032..74102)], petB [77001..77006], petB [77767..78408], petD [78605..78612], petD [79350..79866], rpl16 [complement(83328..83726)], rpl16 [complement(84709..84717)], rpl2 [complement(86592..87023)], rpl2 [complement(87686..88078)], ndhB [complement(97224..97979)], ndhB [complement(98669..99445)], trnI-GAU [105081..105117], trnI-GAU</p>	<p>trnK-UUU [complement(1460..4040)], rps16 [complement(4737..5572)], trnG-UCC [9214..9964], atpF [complement(12357..13117)], rpoC1 [complement(22593..23316)], ycf3 [complement(43132..43868)], ycf3 [complement(44099..44830)], trnL-UAA [47918..48393], trnV-UAC [complement(52944..53528)], clpP [complement(72265..72924)], clpP [complement(73217..74031)], petB [77007..77766], petD [78613..79349], rpl16 [complement(83727..84708)], rpl2 [complement(87024..87685)], ndhB [complement(97980..98668)], trnI-GAU [105118..106058], trnA-UGC [106190..106993], ndhA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[106059..106093], trnA-UGC [106153..106189], trnA-UGC [106994..107028], ndhA [complement(122524..123063)], ndhA [complement(124141..124692)], trnA-UGC [complement(137041..137075)], trnA-UGC [complement(137880..137916)], trnI-GAU [complement(137976..138010)], trnI-GAU [complement(138952..138988)], ndhB [144623..145398], ndhB [146088..146844], rpl2 [155990..156382], rpl2 [157045..157476]	[complement(123064..124140)], trnA-UGC [complement(137076..137879)], trnI-GAU [complement(138011..138951)], ndhB [145399..146087], rpl2 [156383..157044]
1912.	JAPO	50	rps12 [complement(102727..102767)], rps12 [complement(103308..103539)], rps12 [complement(76540..76653)], rps16 [complement(5525..5751)], rps16 [complement(6630..6669)], trnG-GCC [10425..10447], trnG-GCC [11125..11172], atpF [complement(13151..13561)], atpF [complement(14264..14407)], rpoC1 [complement(23343..24959)], rpoC1 [complement(25721..26155)], trnL-UAA [complement(60103..60152)], trnL-UAA [complement(60628..60662)], ycf3 [63730..63853], ycf3 [64566..64795], ycf3 [65539..65691], clpP [complement(76799..77408)], clpP [complement(77508..77584)], petB [80732..80737], petB [81460..82101], petD [82284..82291], petD [83005..83479], rpl16 [complement(87052..87450)], rpl16 [complement(88423..88431)], rpl2 [complement(90211..90644)], rpl2 [complement(91272..91662)], ndhB [complement(99709..100464)], ndhB [complement(101152..101928)], trnI-GAU [106734..106770], trnI-GAU [107714..107748], trnA-UGC [107813..107850], trnA-UGC [108670..108704], ndhA [complement(128915..129444)], ndhA [complement(130594..131149)]	rps16 [complement(5752..6629)], trnG-GCC [10448..11124], atpF [complement(13562..14263)], rpoC1 [complement(24960..25720)], trnL-UAA [complement(60153..60627)], ycf3 [63854..64565], ycf3 [64796..65538], clpP [complement(77409..77507)], petB [80738..81459], petD [82292..83004], rpl16 [complement(87451..88422)], rpl2 [complement(90645..91271)], ndhB [complement(100465..101151)], trnI-GAU [106771..107713], trnA-UGC [107851..108669], ndhA [complement(129445..130593)]
1913.	JASA	68	rps12 [complement(103146..103186)], rps12 [complement(103723..103954)], rps12 [complement(76796..76909)], trnK-UUU [complement(1927..1961)], trnK-UUU [complement(4652..4688)], rps16 [complement(5525..5751)], rps16 [complement(6639..6678)], trnG-UCC [10550..10572], trnG-UCC [11250..11297], atpF [complement(13253..13663)], atpF [complement(14366..14509)], rpoC1 [complement(23438..25054)], rpoC1 [complement(25811..26245)], trnV [55829..55866], trnV [56436..56470], trnL [complement(60332..60381)], trnL [complement(60858..60892)], ycf3 [63889..64012], ycf3 [64728..64954], ycf3 [65716..65868], rps12 [complement(76796..76909)], rps12 [149743..149974], rps12 [150511..150551], petB [80966..80971], petB [81692..82333], petD	trnK-UUU [complement(1962..4651)], rps16 [complement(5752..6638)], trnG-UCC [10573..11249], atpF [complement(13664..14365)], rpoC1 [complement(25055..25810)], trnV [55867..56435], trnL [complement(60382..60857)], ycf3 [64013..64727], ycf3 [64955..65715], petB [80972..81691], petD [82524..83243], rpl16 [complement(87689..88685)], rpl2 [complement(90967..91593)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[82516..82523], petD [83244..83718], rpl16 [complement(87290..87688)], rpl16 [complement(88686..88694)], rpl2 [complement(90533..90966)], rpl2 [complement(91594..91984)], ndhB [complement(100137..100892)], ndhB [complement(101580..102356)], trnI-GAU [107156..107192], trnI-GAU [108136..108170], trnA-UGC [108235..108272], trnA-UGC [109083..109117], ndhA [complement(129416..129945)], ndhA [complement(131105..131660)], trnA-UGC [complement(144580..144614)], trnA-UGC [complement(145425..145463)], trnI-GAU [complement(145527..145561)], trnI-GAU [complement(146505..146541)], ndhB [151341..152117], ndhB [152805..153560], rpl2 [161713..162103], rpl2 [162731..163164]	[complement(100893..101579)], trnI-GAU [107193..108135], trnA-UGC [108273..109082], ndhA [complement(129946..131104)], trnA-UGC [complement(144615..145424)], trnI-GAU [complement(145562..146504)], ndhB [152118..152804], rpl2 [162104..162730]
1914.	JATO	68	rps12 [complement(101929..101969)], rps12 [complement(102506..102737)], rps12 [complement(75651..75764)], trnK-UUU [complement(1907..1941)], trnK-UUU [complement(4664..4700)], rps16 [complement(5567..5793)], rps16 [complement(6688..6727)], trnG-UCC [10511..10533], trnG-UCC [11211..11258], atpF [complement(13229..13639)], atpF [complement(14342..14485)], rpoC1 [complement(23361..24977)], rpoC1 [complement(25733..26167)], trnV [54629..54666], trnV [55235..55269], trnL [complement(59284..59333)], trnL [complement(59809..59843)], ycf3 [62815..62938], ycf3 [63654..63880], ycf3 [64642..64794], rps12 [complement(75651..75764)], rps12 [148650..148881], rps12 [149418..149458], petB [79822..79827], petB [80552..81193], petD [81395..81402], petD [82133..82607], rpl16 [complement(86169..86567)], rpl16 [complement(87513..87521)], rpl2 [complement(89329..89762)], rpl2 [complement(90390..90780)], ndhB [complement(98920..99675)], ndhB [complement(100363..101139)], trnI-GAU [105914..105950], trnI-GAU [106894..106928], trnA-UGC [106993..107030], trnA-UGC [107842..107876], ndhA [complement(128284..128813)], ndhA [complement(129958..130513)], trnA-UGC [complement(143511..143545)], trnA-UGC [complement(144357..144395)], trnI-GAU [complement(144459..144493)], trnI-GAU [complement(145437..145473)], ndhB [150248..151024], ndhB [151712..152467], rpl2 [160607..160997], rpl2 [161625..162058]	trnK-UUU [complement(1942..4663)], rps16 [complement(5794..6687)], trnG-UCC [10534..11210], atpF [complement(13640..14341)], rpoC1 [complement(24978..25732)], trnV [54667..55234], trnL [complement(59334..59808)], ycf3 [62939..63653], ycf3 [63881..64641], petB [79828..80551], petD [81403..82132], rpl16 [complement(86568..87512)], rpl2 [complement(89763..90389)], ndhB [complement(99676..100362)], trnI-GAU [105951..106893], trnA-UGC [107031..107841], ndhA [complement(128814..129957)], trnA-UGC [complement(143546..144356)], trnI-GAU [complement(144494..145436)], ndhB [151025..151711], rpl2 [160998..161624]
1915.	JAVU	47	rps12 [complement(96389..96631)], rps12 [complement(68357..68470)],	trnK-UUU [complement(1685..4222)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(1650..1684)], trnK-UUU [complement(4223..4259)], rps16 [complement(5075..5289)], rps16 [complement(6128..6167)], atpF [27311..27720], trnG-UCC [complement(29728..29774)], trnG-UCC [complement(30503..30525)], ycf3 [complement(42592..42821)], trnL-UAA [46547..46583], trnL-UAA [47004..47053], trnV-UAC [complement(50627..50663)], trnV-UAC [complement(51237..51274)], rps12 [136914..137156], clpP [complement(68644..68872)], clpP [complement(69499..69789)], petD [75161..75169], trnI-GAU [100541..100582], trnI-GAU [101354..101388], trnA-UGC [101453..101490], trnA-UGC [102312..102346], trnA-UGC [complement(131199..131233)], trnA-UGC [complement(132055..132092)], trnI-GAU [complement(132157..132191)], trnI-GAU [complement(132963..133004)]	[complement(5290..6127)], atpF [26608..27310], trnG-UCC [complement(29775..30502)], ycf3 [complement(41850..42591)], ycf3 [complement(42822..43516)], trnL-UAA [46584..47003], trnV-UAC [complement(50664..51236)], clpP [complement(68873..69498)], clpP [complement(69790..70592)], petB [73576..74323], petD [75170..75891], rpl2 [complement(83387..84054)], ndhB [complement(93581..94251)], trnI-GAU [100583..101353], trnA-UGC [101491..102311], ndhA [114458..115578], trnA-UGC [complement(131234..132054)], trnI-GAU [complement(132192..132962)], ndhB [139294..139964], rpl2 [149489..150159]
1916.	JOAS	67	rps12 [complement(95098..95123)], rps12 [complement(95664..95895)], rps12 [complement(71657..71770)], trnK [complement(1406..1440)], trnK [complement(3939..3975)], rps16 [complement(4553..4768)], rps16 [complement(5616..5657)], ycf3 [complement(11911..12069)], ycf3 [complement(12815..13042)], ycf3 [complement(13781..13912)], trnL-UAA [16815..16849], trnL-UAA [17387..17436], trnV-UAC [complement(21135..21171)], trnV-UAC [complement(21770..21806)], atpF [complement(29019..29426)], atpF [complement(30257..30400)], rpoC1 [complement(38330..39952)], rpoC1 [complement(40696..41130)], rps12 [138959..139190], rps12 [139731..139756], clpP [complement(71924..72508)], clpP [complement(73288..73356)], petB [76263..76268], petB [77069..77710], petD [77906..77911], petD [78659..79135], rpl16 [complement(82700..83128)], rpl16 [complement(84217..84225)], rpl2 [complement(86104..86535)], rpl2 [complement(87200..87592)], ndhB	trnK [complement(1441..3938)], rps16 [complement(4769..5615)], ycf3 [complement(12070..12814)], ycf3 [complement(13043..13780)], trnL-UAA [16850..17386], trnV-UAC [complement(21172..21769)], atpF [complement(29427..30256)], rpoC1 [complement(39953..40695)], clpP [complement(72509..73287)], petB [76269..77068], petD [77912..78658], rpl16 [complement(83129..84216)], rpl2 [complement(86536..87199)], ndhB [complement(92772..93483)], trnI-GAU [99808..100757], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(92016..92771)], ndhB [complement(93484..94260)], trnI-GAU [99766..99807], trnI-GAU [100758..100792], trnA-UGC [100858..100895], trnA-UGC [101706..101740], ndhA [complement(120759..121298)], ndhA [complement(122341..122889)], trnA-UGC [complement(133114..133148)], trnA-UGC [complement(133959..133996)], trnI-GAU [complement(134062..134096)], trnI-GAU [complement(135047..135088)], ndhB [140594..141370], ndhB [142083..142838], rpl2 [147262..147654], rpl2 [148319..148750]	[100896..101705], ndhA [complement(121299..122340)], trnA-UGC [complement(133149..133958)], trnI-GAU [complement(134097..135046)], ndhB [141371..142082], rpl2 [147655..148318]
1917.	JUBE	34	rps12 [complement(50970..50995)], rps12 [complement(51516..51747)], rps12 [complement(27692..27805)], rpl2 [5613..6012], rpl2 [6677..7107], rpl16 [8861..8869], rpl16 [9684..10094], petD [complement(13629..14118)], petD [complement(14776..14783)], petB [complement(14944..15585)], petB [complement(16334..16339)], ndhB [complement(48004..48759)], ndhB [complement(49472..50194)], trnI-GAU [55902..55938], trnI-GAU [56788..56822], trnA-UGC [56874..56911], trnA-UGC [57684..57718], ndhA [67852..68409], ndhA [69160..69708], trnL-UAA [complement(74566..74615)], trnL-UAA [complement(74904..74938)], trnG-UCC [77354..77377], trnG-UCC [78150..78197], atpF [complement(80128..80540)], atpF [complement(81191..81335)], rpoC1 [complement(88020..89695)], rpoC1 [complement(90433..90874)], ycf3 [complement(106920..107077)], ycf3 [complement(107772..107997)], ycf3 [complement(108751..108876)], trnK-UUU [113959..113995], trnK-UUU [116353..116387], trnV-UAC [complement(124241..124277)], trnV-UAC [complement(124810..124848)]	-
1918.	JUCA	45	rps12 [complement(103352..103582)], rps12 [complement(74744..74857)], trnK-UUU [complement(1626..1660)], trnK-UUU [complement(4214..4250)], trnG-GCC [10226..10248], trnG-GCC [10974..11010], trnL-UAA [51753..51787], trnL-UAA [52313..52367], trnV-UAC [complement(55951..55985)], trnV-UAC [complement(56604..56641)], rps12 [complement(74744..74857)], rps12 [146250..146275], trnI-GAU [107345..107381], trnI-GAU [108337..108371], trnA-UGC [108436..108473], trnA-UGC [109280..109314], ndhA [complement(124980..125519)], ndhA	trnK-UUU [complement(1661..4213)], rps16 [complement(5535..6425)], trnG-GCC [10249..10973], atpF [complement(13698..14451)], rpoC1 [complement(24478..25320)], ycf3 [complement(46792..47587)], ycf3 [complement(47818..48542)], trnL-UAA [51788..52312], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(126622..127173)], trnA-UGC [complement(139750..139784)], trnA-UGC [complement(140591..140628)], trnI-GAU [complement(140693..140727)], trnI-GAU [complement(141678..141719)]	[complement(55986..56603)], clpP [complement(75267..75869)], clpP [complement(76164..77009)], petB [80033..80821], petD [81683..82305], rpl16 [complement(86741..87666)], rpl2 [complement(89880..90525)], ndhB [complement(100501..101186)], trnI-GAU [107382..108336], trnA-UGC [108474..109279], ndhA [complement(125520..126621)], trnA-UGC [complement(139785..140590)], trnI-GAU [complement(140728..141677)], ndhB [147878..148563], rpl2 [158539..159184]
1919.	JUCE	35	rps12 [complement(50687..50721)], rps12 [complement(51242..51536)], rps12 [complement(27720..27833)], rpl2 [5755..6154], rpl2 [6786..7216], rpl16 [8957..8965], rpl16 [9792..10202], petD [complement(13818..14307)], petD [complement(14965..14972)], petB [complement(15133..15774)], petB [complement(16386..16391)], ndhB [complement(47709..48464)], ndhB [complement(49204..49926)], trnI-GAU [55236..55277], trnI-GAU [56155..56189], trnA-UGC [56241..56278], trnA-UGC [57043..57077], ndhA [67062..67619], ndhA [68373..68921], trnL-UAA [complement(73812..73861)], trnL-UAA [complement(74156..74190)], trnG-UCC [76610..76633], trnG-UCC [77396..77443], atpF [complement(79436..79845)], atpF [complement(80496..80640)], rpoC1 [complement(87263..88938)], rpoC1 [complement(89680..90121)], ycf3 [complement(106433..106590)], ycf3 [complement(107277..107502)], ycf3 [complement(108266..108391)], trnK-UUU [113489..113525], trnK-UUU [115950..115984], trnV-UAC [complement(123702..123738)], trnV-UAC [complement(124271..124309)]	trnL-UAA [complement(73862..74155)]
1920.	JUCI	71	rps12 [complement(103255..103284)], rps12 [complement(103822..104052)], rps12 [complement(75203..75316)], trnK-UUU [complement(1622..1656)], trnK-UUU [complement(4209..4245)], rps16 [complement(5279..5508)], rps16	trnK-UUU [complement(1657..4208)], rps16 [complement(5509..6393)], trnG-GCC [10287..11001], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(6394..6433)], trnG-GCC [10263..10286], trnG-GCC [11002..11048], atpF [complement(13339..13749)], atpF [complement(14513..14656)], rpoC1 [complement(22917..24535)], rpoC1 [complement(25388..25817)], ycf3 [complement(47119..47270)], ycf3 [complement(48074..48302)], ycf3 [complement(49028..49153)], trnL-UAA [52232..52268], trnL-UAA [52792..52841], trnV-UAC [complement(56396..56432)], trnV-UAC [complement(57048..57085)], rps12 [complement(75203..75316)], rps12 [146040..146274], rps12 [146808..146833], rps12 [146040..146271], clpP [complement(75498..75725)], clpP [complement(76335..76626)], clpP [complement(77473..77543)], petB [80491..80496], petB [81306..81947], petD [82158..82165], petD [82776..83262], rpl16 [complement(86815..87213)], rpl16 [complement(88140..88148)], rpl2 [complement(89879..90313)], rpl2 [complement(90999..91388)], ndhB [complement(100209..100970)], ndhB [complement(101657..102433)], trnI-GAU [107833..107874], trnI-GAU [108825..108859], trnA-UGC [108924..108961], trnA-UGC [109762..109803], ndhA [complement(125468..126007)], ndhA [complement(127160..127711)], trnA-UGC [complement(140289..140330)], trnA-UGC [complement(141131..141168)], trnI-GAU [complement(141233..141267)], trnI-GAU [complement(142218..142259)], ndhB [147659..148435], ndhB [149122..149883]</p>	<p>[complement(13750..14512)], rpoC1 [complement(24536..25387)], ycf3 [complement(47271..48073)], ycf3 [complement(48303..49027)], trnL-UAA [52269..52791], trnV-UAC [complement(56433..57047)], clpP [complement(75726..76334)], clpP [complement(76627..77472)], petB [80497..81305], petD [82166..82775], rpl16 [complement(87214..88139)], rpl2 [complement(90314..90998)], ndhB [complement(100971..101656)], trnI-GAU [107875..108824], trnA-UGC [108962..109761], ndhA [complement(126008..127159)], trnA-UGC [complement(140331..141130)], trnI-GAU [complement(141268..142217)], ndhB [148436..149121]</p>
1921.	JUCO	28	<p>trnK-UUU [complement(1542..1576)], trnK-UUU [complement(4001..4037)], trnG-GCC [9058..9080], trnG-GCC [9862..9909], trnL-UAA [43019..43053], trnL-UAA [43348..43397], trnA-UGC [complement(60169..60203)], trnA-UGC [complement(60976..61013)], trnI-GAU [complement(61089..61123)], trnI-GAU [complement(62006..62042)], trnV-UAC [121539..121576], trnV-UAC [122108..122144]</p>	<p>trnK-UUU [complement(1577..4000)], trnG-GCC [9081..9861], atpF [complement(12319..12969)], rpoC1 [complement(21443..22184)], ycf3 [complement(38822..39512)], ycf3 [complement(39739..40451)], trnL-UAA [43054..43347], ndhA [complement(48792..49541)], trnA-UGC [complement(60204..60975)], trnI-GAU [complement(61124..62005)], ndhB [68742..69467], petB [101894..102641],</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				petD [103452..104108], rpl16 [complement(108688..109484)], rpl2 [complement(111670..112287)], trnV-UAC [121577..122107]
1922.	JUFL	69	rps12 [complement(96380..96405)], rps12 [complement(96942..97173)], rps12 [complement(68833..68946)], trnH-GUG [complement(150863..150888)], trnH-GUG [complement(1..49)], trnK-UUU [complement(1544..1580)], trnK-UUU [complement(4030..4066)], rps16 [complement(4511..4735)], rps16 [complement(5631..5666)], trnS-CGA [8404..8435], trnS-CGA [9090..9149], atpF [complement(11102..11572)], atpF [complement(12231..12371)], rpoC1 [complement(20109..21738)], rpoC1 [complement(22507..22940)], ycf3 [complement(41784..41936)], ycf3 [complement(42657..42885)], ycf3 [complement(43567..43694)], trnL-UAA [46424..46460], trnL-UAA [46961..47010], trnV-UAC [complement(50649..50685)], trnV-UAC [complement(51278..51315)], rps12 [136661..136892], rps12 [137429..137454], clpP [complement(69090..69315)], clpP [complement(69950..70246)], clpP [complement(71009..71076)], petB [73966..73971], petB [74655..75308], rpl2 [complement(83138..83572)], rpl2 [complement(84236..84628)], ndhB [complement(93394..94149)], ndhB [complement(94829..95605)], trnI-GAU [100842..100883], trnI-GAU [101821..101855], trnA-UGC [101920..101957], trnA-UGC [102775..102809], ndhA [complement(116847..117385)], ndhA [complement(118339..118891)], trnA-UGC [complement(131025..131059)], trnA-UGC [complement(131877..131914)], trnI-GAU [complement(131979..132013)], trnI-GAU [complement(132951..132992)], ndhB [138229..139005], ndhB [139685..140440], rpl2 [149206..149603], rpl2 [150261..150696]	trnH-GUG [complement(150889..0)], trnK-UUU [complement(1581..4029)], rps16 [complement(4736..5630)], trnS-CGA [8436..9089], atpF [complement(11573..12230)], rpoC1 [complement(21739..22506)], ycf3 [complement(41937..42656)], ycf3 [complement(42886..43566)], trnL-UAA [46461..46960], trnV-UAC [complement(50686..51277)], clpP [complement(69316..69949)], clpP [complement(70247..71008)], petB [73972..74654], rpl2 [complement(83573..84235)], ndhB [complement(94150..94828)], trnI-GAU [100884..101820], trnA-UGC [101958..102774], ndhA [complement(117386..118338)], trnA-UGC [complement(131060..131876)], trnI-GAU [complement(132014..132950)], ndhB [139006..139684], rpl2 [149604..150260]
1923.	JUHI	70	rps12 [complement(103369..103398)], rps12 [complement(103936..104166)], rps12 [complement(75316..75429)], trnK-UUU [complement(1623..1657)], trnK-UUU [complement(4211..4247)], rps16 [complement(5303..5532)], rps16 [complement(6418..6457)], trnG-GCC [10280..10303], trnG-GCC [11018..11064], atpF [complement(13370..13780)], atpF [complement(14544..14687)], rpoC1 [complement(22948..24566)], rpoC1	trnK-UUU [complement(1658..4210)], rps16 [complement(5533..6417)], trnG-GCC [10304..11017], atpF [complement(13781..14543)], rpoC1 [complement(24567..25418)], ycf3 [complement(47376..48178)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(25419..25848)], ycf3 [complement(47224..47375)], ycf3 [complement(48179..48407)], ycf3 [complement(49140..49265)], trnL-UAA [52344..52380], trnL-UAA [52904..52953], trnV-UAC [complement(56513..56549)], trnV-UAC [complement(57165..57202)], rps12 [complement(75316..75429)], rps12 [146158..146389], rps12 [146926..146951], clpP [complement(75611..75838)], clpP [complement(76448..76739)], clpP [complement(77586..77656)], petB [80602..80607], petB [81423..82064], petD [82275..82282], petD [82893..83379], rpl16 [complement(86929..87327)], rpl16 [complement(88254..88262)], rpl2 [complement(89984..90418)], rpl2 [complement(91104..91493)], ndhB [complement(100314..101075)], ndhB [complement(101762..102538)], trnI-GAU [107947..107988], trnI-GAU [108939..108973], trnA-UGC [109038..109075], trnA-UGC [109877..109918], ndhA [complement(125586..126125)], ndhA [complement(127283..127834)], trnA-UGC [complement(140406..140447)], trnA-UGC [complement(141249..141286)], trnI-GAU [complement(141351..141385)], trnI-GAU [complement(142336..142377)], ndhB [147786..148562], ndhB [149249..150010]</p>	<p>[complement(48408..49139)], trnL-UAA [52381..52903], trnV-UAC [complement(56550..57164)], clpP [complement(75839..76447)], clpP [complement(76740..77585)], petB [80608..81422], petD [82283..82892], rpl16 [complement(87328..88253)], rpl2 [complement(90419..91103)], ndhB [complement(101076..101761)], trnI-GAU [107989..108938], trnA-UGC [109076..109876], ndhA [complement(126126..127282)], trnA-UGC [complement(140448..141248)], trnI-GAU [complement(141386..142335)], ndhB [148563..149248]</p>
1924.	JUHO	45	<p>rps12 [complement(74726..74839)], trnK-UUU [complement(1621..1655)], trnK-UUU [complement(4207..4243)], trnG-GCC [10221..10243], trnG-GCC [10969..11005], trnL-UAA [51754..51788], trnL-UAA [52314..52368], trnV-UAC [complement(55942..55976)], trnV-UAC [complement(56595..56632)], rps12 [complement(74726..74839)], rps12 [146234..146259], rpl16 [complement(86325..86723)], trnI-GAU [107328..107364], trnI-GAU [108320..108354], trnA-UGC [108419..108456], trnA-UGC [109263..109297], ndhA [complement(124963..125502)], ndhA [complement(126605..127156)], trnA-UGC [complement(139734..139768)], trnA-UGC [complement(140575..140612)], trnI-GAU [complement(140677..140711)], trnI-GAU [complement(141662..141703)]</p>	<p>trnK-UUU [complement(1656..4206)], rps16 [complement(5528..6418)], trnG-GCC [10244..10968], atpF [complement(13693..14448)], rpoC1 [complement(24480..25324)], ycf3 [complement(46792..47587)], ycf3 [complement(47818..48542)], trnL-UAA [51789..52313], trnV-UAC [complement(55977..56594)], clpP [complement(75249..75850)], clpP [complement(76145..76990)], petB [80015..80805], petD [81667..82290], rpl16 [complement(86724..87649)], rpl2 [complement(89863..90508)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(100484..101169)], trnI-GAU [107365..108319], trnA-UGC [108457..109262], ndhA [complement(125503..126604)], trnA-UGC [complement(139769..140574)], trnI-GAU [complement(140712..141661)], ndhB [147862..148547], rpl2 [158523..159168]
1925.	JULE	70	trnK-UUU [complement(1576..1610)], trnK-UUU [complement(4043..4079)], rps16 [complement(4502..4728)], rps16 [complement(5640..5679)], trnG-UCC [8401..8423], trnG-UCC [9090..9137], atpF [complement(11109..11519)], atpF [complement(12237..12380)], rpoC1 [complement(20067..21695)], rpoC1 [complement(22476..22910)], ycf3 [complement(41428..41586)], ycf3 [complement(42281..42510)], ycf3 [complement(43189..43312)], trnL-UAA [46000..46034], trnL-UAA [46514..46563], trnV-UAC [complement(49965..49999)], trnV-UAC [complement(50593..50630)], rps12 [complement(67827..67940)], rps12 [complement(95117..95139)], rps12 [complement(95668..95899)], clpP [complement(68080..68307)], clpP [complement(68918..69209)], clpP [complement(69987..70057)], petB [72946..72951], petB [73660..74301], petD [74528..74535], petD [75240..75714], rpl16 [complement(79093..79491)], rpl16 [complement(80633..80641)], rpl2 [complement(82266..82699)], rpl2 [complement(83360..83750)], ndhB [complement(92133..92888)], ndhB [complement(93568..94344)], trnI-GAU [99571..99607], trnI-GAU [100555..100589], trnA-UGC [100654..100691], trnA-UGC [101503..101537], ndhA [complement(115859..116397)], ndhA [complement(117380..117932)], trnA-UGC [complement(129805..129839)], trnA-UGC [complement(130651..130688)], trnI-GAU [complement(130753..130787)], trnI-GAU [complement(131735..131771)], ndhB [136998..137774], ndhB [138454..139209], rpl2 [147592..147982], rpl2 [148643..149076]	trnK-UUU [complement(1611..4042)], rps16 [complement(4729..5639)], trnG-UCC [8424..9089], atpF [complement(11520..12236)], rpoC1 [complement(21696..22475)], ycf3 [complement(41587..42280)], ycf3 [complement(42511..43188)], trnL-UAA [46035..46513], trnV-UAC [complement(50000..50592)], clpP [complement(68308..68917)], clpP [complement(69210..69986)], petB [72952..73659], petD [74536..75239], rpl16 [complement(79492..80632)], rpl2 [complement(82700..83359)], ndhB [complement(92889..93567)], trnI-GAU [99608..100554], trnA-UGC [100692..101502], ndhA [complement(116398..117379)], trnA-UGC [complement(129840..130650)], trnI-GAU [complement(130788..131734)], ndhB [137775..138453], rpl2 [147983..148642]
1926.	JUMA	45	rps12 [complement(74741..74854)], trnK-UUU [complement(1621..1655)], trnK-UUU [complement(4207..4243)], trnG-GCC [10221..10243], trnG-GCC [10969..11005], trnL-UAA [51769..51803], trnL-UAA [52329..52383], trnV-	trnK-UUU [complement(1656..4206)], rps16 [complement(5528..6418)], trnG-GCC [10244..10968], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(55957..55991)], trnV-UAC [complement(56610..56647)], rps12 [complement(74741..74854)], rps12 [146249..146274], rpl16 [complement(86340..86738)], trnI-GAU [107343..107379], trnI-GAU [108335..108369], trnA-UGC [108434..108471], trnA-UGC [109278..109312], ndhA [complement(124978..125517)], ndhA [complement(126620..127171)], trnA-UGC [complement(139749..139783)], trnA-UGC [complement(140590..140627)], trnI-GAU [complement(140692..140726)], trnI-GAU [complement(141677..141718)]	[complement(13693..14448)], rpoC1 [complement(24480..25324)], ycf3 [complement(46807..47602)], ycf3 [complement(47833..48557)], trnL-UAA [51804..52328], trnV-UAC [complement(55992..56609)], clpP [complement(75264..75865)], clpP [complement(76160..77005)], petB [80030..80820], petD [81682..82305], rpl16 [complement(86739..87664)], rpl2 [complement(89878..90523)], ndhB [complement(100499..101184)], trnI-GAU [107380..108334], trnA-UGC [108472..109277], ndhA [complement(125518..126619)], trnA-UGC [complement(139784..140589)], trnI-GAU [complement(140727..141676)], ndhB [147877..148562], rpl2 [158538..159183]
1927.	JUMI	50	rpl2 [5685..6084], rpl2 [6731..7161], rpl16 [8916..8924], rpl16 [9766..10176], petD [complement(13733..14222)], petD [complement(14880..14887)], petB [complement(15048..15689)], petB [complement(16437..16442)], rps12 [complement(27764..27904)], rps12 [complement(50972..51016)], rps12 [complement(51585..51878)], ndhB [complement(48053..48808)], ndhB [complement(49539..50261)], trnI-GAU [55684..55725], trnI-GAU [56570..56604], trnA-UGC [56656..56693], trnA-UGC [57466..57500], ndhA [67626..68183], ndhA [68933..69481], trnL-UAA [complement(74315..74364)], trnL-UAA [complement(74653..74687)], trnG-UCC [77109..77132], trnG-UCC [77888..77935], atpF [complement(79857..80287)], atpF [complement(80911..81055)], rpoC1 [complement(87658..89333)], rpoC1 [complement(90072..90513)], ycf3 [complement(106766..106923)], ycf3 [complement(107632..107857)], ycf3 [complement(108586..108711)], trnK-UUU [113778..113814], trnK-UUU	rpl2 [6085..6730], rpl16 [8925..9765], petD [complement(14223..14879)], petB [complement(15690..16436)], ndhB [complement(48809..49538)], trnI-GAU [55726..56569], trnA-UGC [56694..57465], ndhA [68184..68932], trnL-UAA [complement(74365..74652)], trnG-UCC [77133..77887], atpF [complement(80288..80910)], rpoC1 [complement(89334..90071)], ycf3 [complement(106924..107631)], ycf3 [complement(107858..108585)], trnK-UUU [113815..116176], trnV-UAC [complement(124015..124539)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[116177..116211], trnV-UAC [complement(123978..124014)], trnV-UAC [complement(124540..124578)]	
1928.	JUMJ	70	rps12 [complement(103275..103304)], rps12 [complement(103842..104072)], rps12 [complement(75217..75330)], trnK-UUU [complement(1622..1656)], trnK-UUU [complement(4207..4243)], rps16 [complement(5278..5507)], rps16 [complement(6393..6432)], trnG-GCC [10241..10264], trnG-GCC [10979..11025], atpF [complement(13315..13752)], atpF [complement(14507..14650)], rpoC1 [complement(22910..24528)], rpoC1 [complement(25382..25811)], ycf3 [complement(47159..47310)], ycf3 [complement(48107..48335)], ycf3 [complement(49062..49187)], trnL-UAA [52268..52304], trnL-UAA [52828..52877], trnV-UAC [complement(56435..56471)], trnV-UAC [complement(57087..57124)], rps12 [complement(75217..75330)], rps12 [146034..146265], rps12 [146802..146827], clpP [complement(75512..75739)], clpP [complement(76350..76641)], clpP [complement(77488..77558)], petB [80506..80511], petB [81326..81967], petD [82178..82185], petD [82796..83282], rpl16 [complement(86841..87239)], rpl16 [complement(88166..88174)], rpl2 [complement(89905..90339)], rpl2 [complement(91025..91414)], ndhB [complement(100235..100990)], ndhB [complement(101677..102453)], trnI-GAU [107853..107894], trnI-GAU [108845..108879], trnA-UGC [108944..108981], trnA-UGC [109782..109823], ndhA [complement(125464..126003)], ndhA [complement(127154..127705)], trnA-UGC [complement(140283..140324)], trnA-UGC [complement(141125..141162)], trnI-GAU [complement(141227..141261)], trnI-GAU [complement(142212..142253)], ndhB [147653..148429], ndhB [149116..149871]	trnK-UUU [complement(1657..4206)], rps16 [complement(5508..6392)], trnG-GCC [10265..10978], atpF [complement(13753..14506)], rpoC1 [complement(24529..25381)], ycf3 [complement(47311..48106)], ycf3 [complement(48336..49061)], trnL-UAA [52305..52827], trnV-UAC [complement(56472..57086)], clpP [complement(75740..76349)], clpP [complement(76642..77487)], petB [80512..81325], petD [82186..82795], rpl16 [complement(87240..88165)], rpl2 [complement(90340..91024)], ndhB [complement(100991..101676)], trnI-GAU [107895..108844], trnA-UGC [108982..109781], ndhA [complement(126004..127153)], trnA-UGC [complement(140325..141124)], trnI-GAU [complement(141262..142211)], ndhB [148430..149115]
1929.	JUMO	35	rps12 [complement(51020..51045)], rps12 [complement(51566..51797)], rps12 [complement(27782..27895)], rpl2 [5588..5987], rpl2 [6633..7063], rpl16 [8818..8826], rpl16 [9646..10056], petD [complement(13665..14154)], petD [complement(14813..14820)], petB [complement(14981..15622)], petB [complement(16378..16383)], ndhB [complement(48040..48795)], ndhB [complement(49522..50244)], trnI-GAU [55837..55878], trnI-GAU	trnL-UAA [complement(74519..74806)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[56756..56790], trnA-UGC [56842..56879], trnA-UGC [57657..57691], ndhA [67792..68349], ndhA [69116..69664], trnL-UAA [complement(74469..74518)], trnL-UAA [complement(74807..74841)], ycf3 [77286..77411], ycf3 [78126..78351], ycf3 [79044..79201], rpoC1 [95341..95782], rpoC1 [96511..98186], atpF [104853..104997], atpF [105653..106065], trnG-UCC [complement(108082..108129)], trnG-UCC [complement(108881..108903)], trnK-UUU [113963..113999], trnK-UUU [116419..116453], trnV-UAC [complement(124288..124324)], trnV-UAC [complement(124857..124895)]	
1930.	JUNI	70	rps12 [complement(103259..103288)], rps12 [complement(103826..104056)], rps12 [complement(75201..75314)], trnK-UUU [complement(1622..1656)], trnK-UUU [complement(4211..4247)], rps16 [complement(5281..5510)], rps16 [complement(6397..6436)], trnG-GCC [10277..10300], trnG-GCC [11015..11061], atpF [complement(13352..13762)], atpF [complement(14527..14670)], rpoC1 [complement(22931..24549)], rpoC1 [complement(25402..25831)], ycf3 [complement(47124..47275)], ycf3 [complement(48079..48307)], ycf3 [complement(49033..49158)], trnL-UAA [52237..52273], trnL-UAA [52797..52846], trnV-UAC [complement(56396..56432)], trnV-UAC [complement(57048..57085)], rps12 [complement(75201..75314)], rps12 [146026..146257], rps12 [146794..146819], clpP [complement(75496..75723)], clpP [complement(76334..76625)], clpP [complement(77473..77543)], petB [80491..80496], petB [81305..81946], petD [82157..82164], petD [82775..83261], rpl16 [complement(86812..87210)], rpl16 [complement(88144..88152)], rpl2 [complement(89883..90317)], rpl2 [complement(91003..91392)], ndhB [complement(100213..100974)], ndhB [complement(101661..102437)], trnI-GAU [107837..107878], trnI-GAU [108829..108863], trnA-UGC [108928..108965], trnA-UGC [109766..109807], ndhA [complement(125456..125995)], ndhA [complement(127146..127697)], trnA-UGC [complement(140275..140316)], trnA-UGC [complement(141117..141154)], trnI-GAU [complement(141219..141253)], trnI-GAU [complement(142204..142245)], ndhB [147645..148421], ndhB	trnK-UUU [complement(1657..4210)], rps16 [complement(5511..6396)], trnG-GCC [10301..11014], atpF [complement(13763..14526)], rpoC1 [complement(24550..25401)], ycf3 [complement(47276..48078)], ycf3 [complement(48308..49032)], trnL-UAA [52274..52796], trnV-UAC [complement(56433..57047)], clpP [complement(75724..76333)], clpP [complement(76626..77472)], petB [80497..81304], petD [82165..82774], rpl16 [complement(87211..88143)], rpl2 [complement(90318..91002)], ndhB [complement(100975..101660)], trnI-GAU [107879..108828], trnA-UGC [108966..109765], ndhA [complement(125996..127145)], trnA-UGC [complement(140317..141116)], trnI-GAU [complement(141254..142203)], ndhB [148422..149107]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[149108..149869]	
1931.	JURC	50	rps12 [complement(50747..50772)], rps12 [complement(51293..51524)], rps12 [complement(27835..27948)], rpl2 [5681..6080], rpl2 [6727..7157], rpl16 [8914..8922], rpl16 [9742..10152], petD [complement(13744..14233)], petD [complement(14891..14898)], petB [complement(15060..15701)], petB [complement(16451..16456)], ndhB [complement(47761..48519)], ndhB [complement(49249..49971)], trnI-GAU [55726..55767], trnI-GAU [56647..56681], trnA-UGC [56733..56770], trnA-UGC [57543..57577], ndhA [67703..68260], ndhA [69028..69576], trnL-UAA [complement(74290..74339)], trnL-UAA [complement(74628..74662)], ycf3 [77088..77213], ycf3 [77968..78193], ycf3 [78885..79042], rpoC1 [95361..95802], rpoC1 [96534..98209], atpF [104823..104967], atpF [105618..106030], trnG-UCC [complement(107992..108039)], trnG-UCC [complement(108796..108818)], trnK-UUU [113840..113876], trnK-UUU [116300..116334], trnV-UAC [complement(124176..124212)], trnV-UAC [complement(124745..124783)]	rpl2 [6081..6726], rpl16 [8923..9741], petD [complement(14234..14890)], petB [complement(15702..16450)], ndhB [complement(48520..49248)], trnI-GAU [55768..56646], trnA-UGC [56771..57542], ndhA [68261..69027], trnL-UAA [complement(74340..74627)], ycf3 [77214..77967], ycf3 [78194..78884], rpoC1 [95803..96533], atpF [104968..105617], trnG-UCC [complement(108040..108795)], trnK-UUU [113877..116299], trnV-UAC [complement(124213..124744)]
1932.	JURE	70	rps12 [complement(103510..103539)], rps12 [complement(104077..104307)], rps12 [complement(75441..75554)], rps16 [complement(5293..5526)], rps16 [complement(6412..6453)], trnS-CGA [10242..10264], trnS-CGA [10989..11026], atpF [complement(13309..13719)], atpF [complement(14473..14616)], rpoC1 [complement(22887..24512)], rpoC1 [complement(25360..25791)], ycf3 [complement(47114..47266)], ycf3 [complement(48063..48290)], ycf3 [complement(49015..49140)], trnL-UAA [52248..52282], trnL-UAA [52808..52857], trnV-UAC [complement(56408..56442)], trnV-UAC [complement(57061..57098)], rps12 [complement(75441..75554)], rps12 [146290..146521], rps12 [147058..147083], clpP [complement(75736..75963)], clpP [complement(76567..76860)], clpP [complement(77709..77777)], petB [80743..80748], petB [81560..82201], petD [82412..82420], petD [83041..83514], rpl16 [complement(87068..87466)], rpl16 [complement(88393..88401)], rpl2 [complement(90134..90568)], rpl2 [complement(91254..91643)], ndhB [complement(100464..101225)], ndhB	rps16 [complement(5527..6411)], trnS-CGA [10265..10988], atpF [complement(13720..14472)], rpoC1 [complement(24513..25359)], ycf3 [complement(47267..48062)], ycf3 [complement(48291..49014)], trnL-UAA [52283..52807], trnV-UAC [complement(56443..57060)], clpP [complement(75964..76566)], clpP [complement(76861..77708)], petB [80749..81559], petD [82421..83040], rpl16 [complement(87467..88392)], rpl2 [complement(90569..91253)], ndhB [complement(101226..101911)], trnI-GAU [108119..109073], trnA-UGC [109211..110016], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(101912..102688)], trnI-GAU [108082..108118], trnI-GAU [109074..109108], trnA-UGC [109173..109210], trnA-UGC [110017..110051], ndhA [complement(125722..126260)], ndhA [complement(127414..127969)], trnA-UGC [complement(140546..140580)], trnA-UGC [complement(141387..141424)], trnI-GAU [complement(141489..141523)], trnI-GAU [complement(142479..142515)], ndhB [147909..148685], ndhB [149372..150133], rpl2 [158954..159343], rpl2 [160029..160463]	[complement(126261..127413)], trnA-UGC [complement(140581..141386)], trnI-GAU [complement(141524..142478)], ndhB [148686..149371], rpl2 [159344..160028]
1933.	JUSC	35	rps12 [complement(50731..50756)], rps12 [complement(51277..51508)], rps12 [complement(27694..27807)], rpl2 [5597..5996], rpl2 [6661..7091], rpl16 [8845..8853], rpl16 [9668..10078], petD [complement(13644..14133)], petD [complement(14791..14798)], petB [complement(14959..15600)], petB [complement(16367..16372)], ndhB [complement(47745..48500)], ndhB [complement(49233..49955)], trnI-GAU [55699..55740], trnI-GAU [56585..56619], trnA-UGC [56771..56808], trnA-UGC [57572..57606], ndhA [67735..68292], ndhA [69042..69590], trnL-UAA [complement(74442..74491)], trnL-UAA [complement(74780..74814)], trnG-UCC [77242..77265], trnG-UCC [78029..78076], atpF [complement(80028..80440)], atpF [complement(81091..81235)], rpoC1 [complement(87926..89601)], rpoC1 [complement(90338..90779)], ycf3 [complement(107044..107201)], ycf3 [complement(107896..108121)], ycf3 [complement(108880..109005)], trnK-UUU [114050..114086], trnK-UUU [116444..116478], trnV-UAC [complement(124356..124392)], trnV-UAC [complement(124925..124963)]	trnL-UAA [complement(74492..74779)]
1934.	JUSI	44	rps12 [complement(75227..75340)], trnK-UUU [complement(1633..1667)], trnK-UUU [complement(4218..4254)], trnG-GCC [10242..10264], trnG-GCC [10989..11025], trnL-UAA [52248..52282], trnL-UAA [52808..52862], trnV-UAC [complement(56408..56442)], trnV-UAC [complement(57061..57098)], rps12 [complement(75227..75340)], rps12 [146871..146896], trnI-GAU [107895..107931], trnI-GAU [108887..108921], trnA-UGC [108986..109023], trnA-UGC [109830..109864], ndhA [complement(125535..126074)], ndhA [complement(127231..127782)], trnA-UGC [complement(140359..140393)], trnA-UGC [complement(141200..141237)], trnI-GAU	trnK-UUU [complement(1668..4217)], rps16 [complement(5521..6411)], trnG-GCC [10265..10988], atpF [complement(13720..14472)], rpoC1 [complement(24513..25359)], ycf3 [complement(47267..48062)], ycf3 [complement(48293..49016)], trnL-UAA [52283..52807], trnV-UAC [complement(56443..57060)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(141302..141336)], trnI-GAU [complement(142287..142328)]	[complement(75750..76352)], clpP [complement(76647..77494)], petB [80535..81371], petD [82233..82852], rpl16 [complement(87280..88205)], rpl2 [complement(90418..91063)], ndhB [complement(101039..101724)], trnI-GAU [107932..108886], trnA-UGC [109024..109829], ndhA [complement(126075..127230)], trnA-UGC [complement(140394..141199)], trnI-GAU [complement(141337..142286)], ndhB [148499..149184], rpl2 [159160..159805]
1935.	JUSQ	50	rpl2 [5675..6074], rpl2 [6722..7152], rpl16 [8913..8921], rpl16 [9741..10151], petD [complement(13737..14226)], petD [complement(14884..14891)], petB [complement(15053..15694)], petB [complement(16445..16450)], rps12 [complement(27884..28024)], rps12 [complement(51032..51076)], rps12 [complement(51644..51937)], ndhB [complement(48114..48872)], ndhB [complement(49599..50321)], trnI-GAU [55890..55931], trnI-GAU [56818..56852], trnA-UGC [56904..56941], trnA-UGC [57714..57748], ndhA [67813..68370], ndhA [69138..69686], trnL-UAA [complement(74398..74447)], trnL-UAA [complement(74736..74770)], trnG-UCC [77181..77204], trnG-UCC [77961..78008], atpF [complement(80060..80490)], atpF [complement(81124..81268)], rpoC1 [complement(87882..89557)], rpoC1 [complement(90289..90730)], ycf3 [complement(106993..107150)], ycf3 [complement(107842..108067)], ycf3 [complement(108822..108947)], trnK-UUU [114014..114050], trnK-UUU [116470..116504], trnV-UAC [complement(124355..124391)], trnV-UAC [complement(124924..124962)]	rpl2 [6075..6721], rpl16 [8922..9740], petD [complement(14227..14883)], petB [complement(15695..16444)], ndhB [complement(48873..49598)], trnI-GAU [55932..56817], trnA-UGC [56942..57713], ndhA [68371..69137], trnL-UAA [complement(74448..74735)], trnG-UCC [77205..77960], atpF [complement(80491..81123)], rpoC1 [complement(89558..90288)], ycf3 [complement(107151..107841)], ycf3 [complement(108068..108821)], trnK-UUU [114051..116469], trnV-UAC [complement(124392..124923)]
1936.	JUTI	50	rps12 [complement(50815..50840)], rps12 [complement(51361..51592)], rps12 [complement(27853..27966)], rpl2 [5683..6082], rpl2 [6730..7160], rpl16 [8920..8928], rpl16 [9748..10158], petD [complement(13747..14236)], petD [complement(14894..14901)], petB [complement(15063..15704)], petB	rpl2 [6083..6729], rpl16 [8929..9747], petD [complement(14237..14893)], petB [complement(15705..16453)], ndhB [complement(48588..49316)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(16454..16459)], ndhB [complement(47832..48587)], ndhB [complement(49317..50039)], trnI-GAU [55651..55692], trnI-GAU [56571..56605], trnA-UGC [56657..56694], trnA-UGC [57467..57501], ndhA [67697..68254], ndhA [69014..69562], trnL-UAA [complement(74283..74332)], trnL-UAA [complement(74621..74655)], ycf3 [77112..77237], ycf3 [77975..78200], ycf3 [78892..79049], rpoC1 [95368..95809], rpoC1 [96541..98216], atpF [104827..104971], atpF [105623..106035], trnG-UCC [complement(108017..108064)], trnG-UCC [complement(108822..108844)], trnK-UUU [113916..113952], trnK-UUU [116375..116409], trnV-UAC [complement(124241..124277)], trnV-UAC [complement(124810..124848)]	[55693..56570], trnA-UGC [56695..57466], ndhA [68255..69013], trnL-UAA [complement(74333..74620)], ycf3 [77238..77974], ycf3 [78201..78891], rpoC1 [95810..96540], atpF [104972..105622], trnG-UCC [complement(108065..108821)], trnK-UUU [113953..116374], trnV-UAC [complement(124278..124809)]
1937.	JUVI	35	rps12 [complement(50867..50892)], rps12 [complement(51413..51644)], rps12 [complement(27744..27857)], rpl2 [5621..6020], rpl2 [6685..7115], rpl16 [8875..8883], rpl16 [9698..10108], petD [complement(13675..14164)], petD [complement(14822..14829)], petB [complement(14990..15631)], petB [complement(16380..16385)], ndhB [complement(47885..48640)], ndhB [complement(49369..50091)], trnI-GAU [55727..55768], trnI-GAU [56613..56647], trnA-UGC [56749..56787], trnA-UGC [57550..57584], ndhA [67715..68272], ndhA [69022..69570], trnL-UAA [complement(74413..74462)], trnL-UAA [complement(74751..74785)], ycf3 [77240..77365], ycf3 [78119..78344], ycf3 [79039..79196], rpoC1 [95466..95907], rpoC1 [96644..98319], atpF [105003..105147], atpF [105797..106209], trnG-UCC [complement(108167..108214)], trnG-UCC [complement(108974..108996)], trnK-UUU [114044..114073], trnK-UUU [116449..116473], trnV-UAC [complement(124352..124388)], trnV-UAC [complement(124921..124959)]	trnL-UAA [complement(74463..74750)]
1938.	KACO	42	rps12 [complement(97927..97952)], rps12 [complement(98489..98720)], rps12 [complement(70601..70714)], trnH [145405..145413], trnH [1..71], rps16 [complement(5030..5249)], rps16 [complement(6075..6115)], atpF [complement(12183..12598)], atpF [complement(13330..13477)], rpoC1 [complement(21287..22894)], rpoC1 [complement(23607..24062)], ycf3 [complement(43287..43439)], ycf3 [complement(44195..44424)], ycf3	trnH [145414..0], rps16 [complement(5250..6074)], atpF [complement(12599..13329)], rpoC1 [complement(22895..23606)], ycf3 [complement(43440..44194)], ycf3 [complement(44425..45146)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45147..45273)], rps12 [140995..141226], rps12 [141763..141788], clpP [complement(70867..71113)], clpP [complement(71679..71972)], clpP [complement(72775..72845)], petD [77297..77304], petD [78024..78564], rpl2 [complement(85058..85488)], rpl2 [complement(86150..86543)], ndhB [complement(94843..95598)], ndhB [complement(96301..97077)], ndhA [complement(120619..121158)], ndhA [complement(122228..122779)], ndhB [142638..143414], ndhB [144117..144872]	[complement(71114..71678)], clpP [complement(71973..72774)], petD [77305..78023], rpl2 [complement(85489..86149)], ndhB [complement(95599..96300)], ndhA [complement(121159..122227)], ndhB [143415..144116]
1939.	KAEL	70	rps12 [complement(102318..102344)], rps12 [complement(102885..103115)], rps12 [complement(73465..73578)], trnK-UUU [complement(1443..1477)], trnK-UUU [complement(4141..4177)], rps16 [complement(4948..5159)], rps16 [complement(5889..5928)], atpF [complement(12210..12620)], atpF [complement(13437..13580)], rpoC1 [complement(21808..23439)], rpoC1 [complement(24168..24599)], ycf3 [complement(44970..45122)], ycf3 [complement(45917..46144)], ycf3 [complement(46868..46999)], trnL-UAA [50222..50256], trnL-UAA [50792..50841], trnV-UAC [complement(55037..55073)], trnV-UAC [complement(55672..55709)], rps12 [complement(73465..73578)], rps12 [148461..148691], rps12 [149232..149258], clpP [complement(73742..73996)], clpP [complement(74633..74923)], clpP [complement(75778..75846)], petB [78853..78858], petB [79643..80284], petD [80478..80485], petD [81227..81707], rpl16 [complement(85233..85634)], rpl16 [complement(86691..86699)], rpl2 [complement(88708..89139)], rpl2 [complement(89799..90185)], ndhB [complement(99255..100010)], ndhB [complement(100711..101487)], trnI-GAU [107127..107168], trnI-GAU [108104..108138], trnA-UGC [108202..108239], trnA-UGC [109041..109075], ndhA [complement(128041..128580)], ndhA [complement(129660..130211)], trnA-UGC [complement(142501..142535)], trnA-UGC [complement(143337..143374)], trnI-GAU [complement(143438..143472)], trnI-GAU [complement(144408..144449)], ndhB [150089..150865], ndhB [151566..152321], rpl2 [161391..161777], rpl2 [162437..162868]	trnK-UUU [complement(1478..4140)], rps16 [complement(5160..5888)], atpF [complement(12621..13436)], rpoC1 [complement(23440..24167)], ycf3 [complement(45123..45916)], ycf3 [complement(46145..46867)], trnL-UAA [50257..50791], trnV-UAC [complement(55074..55671)], clpP [complement(73997..74632)], clpP [complement(74924..75777)], petB [78859..79642], petD [80486..81226], rpl16 [complement(85635..86690)], rpl2 [complement(89140..89798)], ndhB [complement(100011..100710)], trnI-GAU [107169..108103], trnA-UGC [108240..109040], ndhA [complement(128581..129659)], trnA-UGC [complement(142536..143336)], trnI-GAU [complement(143473..144407)], ndhB [150866..151565], rpl2 [161778..162436]
1940.	KAG	73	rps12 [complement(102732..102758)], rps12 [complement(103299..103529)],	trnK-UUU [complement(1479..4124)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	A		rps12 [complement(73885..73998)], trnK-UUU [complement(1444..1478)], trnK-UUU [complement(4125..4161)], rps16 [complement(4951..5162)], rps16 [complement(5912..5951)], trnG-GCC [9543..9556], trnG-GCC [10268..10315], atpF [complement(12213..12637)], atpF [complement(13454..13598)], rpoC1 [complement(22269..23900)], rpoC1 [complement(24627..25058)], ycf3 [complement(45472..45624)], ycf3 [complement(46419..46646)], ycf3 [complement(47361..47492)], trnL-UAA [50710..50744], trnL-UAA [51281..51330], trnV-UAC [complement(55578..55614)], trnV-UAC [complement(56213..56250)], rps12 [complement(73885..73998)], rps12 [148688..148918], rps12 [149459..149485], clpP [complement(74161..74412)], clpP [complement(75049..75354)], clpP [complement(76211..76270)], petB [79278..79283], petB [80067..80708], petD [80902..80909], petD [81650..82130], rpl16 [complement(85624..86025)], rpl16 [complement(87084..87092)], rpl2 [complement(89103..89545)], rpl2 [complement(90196..90580)], ndhB [complement(99669..100446)], ndhB [complement(101120..101901)], trnI-GAU [107535..107576], trnI-GAU [108512..108546], trnA-UGC [108610..108647], trnA-UGC [109449..109483], ndhA [complement(128283..128800)], ndhA [complement(129884..130445)], trnA-UGC [complement(142734..142768)], trnA-UGC [complement(143570..143607)], trnI-GAU [complement(143671..143705)], trnI-GAU [complement(144641..144682)], ndhB [150316..151097], ndhB [151771..152548], rpl2 [161637..162021], rpl2 [162672..163114]	[complement(5163..5911)], trnG-GCC [9557..10267], atpF [complement(12638..13453)], rpoC1 [complement(23901..24626)], ycf3 [complement(45625..46418)], ycf3 [complement(46647..47360)], trnL-UAA [50745..51280], trnV-UAC [complement(55615..56212)], clpP [complement(74413..75048)], clpP [complement(75355..76210)], petB [79284..80066], petD [80910..81649], rpl16 [complement(86026..87083)], rpl2 [complement(89546..90195)], ndhB [complement(100447..101119)], trnI-GAU [107577..108511], trnA-UGC [108648..109448], ndhA [complement(128801..129883)], trnA-UGC [complement(142769..143569)], trnI-GAU [complement(143706..144640)], ndhB [151098..151770], rpl2 [162022..162671]
1941.	KALO	55	rps12 [complement(48426..48454)], rps12 [complement(48988..49219)], rps12 [complement(21129..21242)], clpP [complement(21395..21643)], clpP [complement(22272..22562)], clpP [complement(23351..23419)], rpl2 [complement(35584..36015)], rpl2 [complement(36678..37064)], ndhB [complement(45332..46087)], ndhB [complement(46797..47576)], trnI-GAU [53120..53161], trnI-GAU [54094..54128], ndhA [complement(69517..70056)], ndhA [complement(71101..71652)], trnI-GAU [complement(84498..84532)], trnI-GAU [complement(85468..85509)], ndhB [91063..91839], ndhB [92541..93296], rpl2 [101573..101959], rpl2	clpP [complement(21644..22271)], clpP [complement(22563..23350)], rpl2 [complement(36016..36677)], ndhB [complement(46088..46796)], trnI-GAU [53162..54093], ndhA [complement(70057..71100)], trnI-GAU [complement(84533..85467)], ndhB [91840..92540], rpl2 [101960..102633], trnK-UUU [complement(104677..107163)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[102634..103068], trnK-UUU [complement(104642..104676)], trnK-UUU [complement(107164..107200)], rps16 [complement(107726..107944)], rps16 [complement(108773..108814)], trnG-UCC [111411..111434], trnG-UCC [112212..112259], atpF [complement(114193..114609)], atpF [complement(115350..115493)], rpoC1 [complement(122975..124592)], rpoC1 [complement(125303..125736)], trnG-UCC [136385..136408], trnG-UCC [138146..138193], ycf3 [complement(144175..144327)], ycf3 [complement(145089..145316)], ycf3 [complement(146045..146170)], trnL-UAA [148160..148194], trnL-UAA [148693..148742]	rps16 [complement(107945..108772)], trnG-UCC [111435..112211], atpF [complement(114610..115349)], rpoC1 [complement(124593..125302)], trnG-UCC [136409..138145], ycf3 [complement(144328..145088)], ycf3 [complement(145317..146044)], trnL-UAA [148195..148692]
1942.	KAOB	64	rps12 [complement(104684..104712)], rps12 [complement(105258..105489)], rps12 [complement(75848..75961)], trnK-UUU [complement(2064..2092)], trnK-UUU [complement(4688..4724)], atpF [complement(10284..10694)], atpF [complement(11423..11581)], rpoC1 [complement(20057..21690)], rpoC1 [complement(22451..22907)], ycf3 [complement(46172..46324)], ycf3 [complement(47020..47247)], ycf3 [complement(47964..48092)], trnL-UAA [51033..51069], trnL-UAA [51639..51688], trnV-UAC [complement(56182..56218)], trnV-UAC [complement(56818..56856)], rps12 [complement(75848..75961)], rps12 [145993..146224], rps12 [146770..146798], clpP [complement(76128..76355)], clpP [complement(77020..77310)], clpP [complement(78160..78228)], petB [81302..81307], petB [82146..82799], petD [83022..83029], petD [83886..84399], rpl2 [complement(91728..92198)], rpl2 [complement(92826..93227)], ndhB [complement(101634..102389)], ndhB [complement(103073..103849)], trnI-GAU [109611..109652], trnI-GAU [110600..110634], trnA-UGC [110699..110736], trnA-UGC [111537..111571], ndhA [complement(125019..125558)], ndhA [complement(126646..127227)], trnA-UGC [complement(139911..139945)], trnA-UGC [complement(140746..140783)], trnI-GAU [complement(140848..140882)], trnI-GAU [complement(141830..141871)], ndhB [147633..148409], ndhB [149093..149848], rpl2 [158255..158656], rpl2 [159284..159754]	trnK-UUU [complement(2093..4687)], atpF [complement(10695..11422)], rpoC1 [complement(21691..22450)], ycf3 [complement(46325..47019)], ycf3 [complement(47248..47963)], trnL-UAA [51070..51638], trnV-UAC [complement(56219..56817)], clpP [complement(76356..77019)], clpP [complement(77311..78159)], petB [81308..82145], petD [83030..83885], rpl2 [complement(92199..92825)], ndhB [complement(102390..103072)], trnI-GAU [109653..110599], trnA-UGC [110737..111536], ndhA [complement(125559..126645)], trnA-UGC [complement(139946..140745)], trnI-GAU [complement(140883..141829)], ndhB [148410..149092], rpl2 [158657..159283]
1943.	KASE	40	rps12 [complement(72044..72217)], trnK-UUU [complement(1795..1829)], trnK-UUU [complement(4346..4382)], trnG-UCC [10247..10269], trnG-UCC	trnK-UUU [complement(1830..4345)], rps16 [complement(5463..6345)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10959..11006], trnL-UAA [49761..49797], trnL-UAA [50309..50357], trnV-UAC [complement(53858..53894)], trnV-UAC [complement(54483..54521)], rps12 [143460..143482], trnI-GAU [104101..104142], trnI-GAU [105083..105117], trnA-UGC [105182..105219], trnA-UGC [106027..106061], trnA-UGC [complement(136820..136854)], trnA-UGC [complement(137662..137699)], trnI-GAU [complement(137764..137798)], trnI-GAU [complement(138739..138780)]	[10270..10958], atpF [complement(13401..14049)], ycf3 [complement(44900..45652)], ycf3 [complement(45881..46596)], trnL-UAA [49798..50308], trnV-UAC [complement(53895..54482)], clpP [complement(72605..73243)], clpP [complement(73535..74304)], petB [77238..78021], petD [78859..79612], rpl16 [complement(83947..84898)], rpl2 [complement(87012..87668)], ndhB [complement(97125..97803)], trnI-GAU [104143..105082], trnA-UGC [105220..106026], ndhA [complement(122802..123852)], trnA-UGC [complement(136855..137661)], trnI-GAU [complement(137799..138738)], ndhB [145078..145756], rpl2 [155213..155869]
1944.	KEDA	13	-	trnI [7015..8007], trnA [8156..8930], trnK [complement(42251..44776)], trnG [49699..50499], atpF [complement(52917..53710)], rpoC1 [complement(62474..63141)], trnV [complement(71769..72311)], petB [94177..94978], rpl16 [complement(100852..101720)], rpl2 [complement(103688..104356)], trnL [complement(106817..107138)], ycf3 [109839..110562], ycf3 [110792..111500]
1945.	KEME	64	rps12 [complement(88490..88518)], rps12 [complement(89059..89290)], rps12 [complement(66604..66717)], trnK-UUU [complement(1450..1482)], trnK-UUU [complement(3979..4017)], rps16 [complement(4579..4796)], rps16	trnK-UUU [complement(1483..3978)], rps16 [complement(4797..5587)], trnG-UCC [complement(12910..13590)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5588..5627)], trnG-UCC [complement(12862..12909)], trnG-UCC [complement(13591..13614)], atpF [32954..33097], atpF [33923..34330], ycf3 [complement(42107..42265)], ycf3 [complement(42990..43217)], ycf3 [complement(43975..44100)], trnL-UAA [46695..46729], trnL-UAA [47296..47345], trnV-UAC [complement(50934..50970)], trnV-UAC [complement(51567..51605)], rps12 [126125..126356], rps12 [126897..126925], petB [70461..70466], petB [71156..71854], petD [72036..72043], petD [72793..73267], rpl16 [complement(76873..77277)], rpl16 [complement(78339..78347)], rpl2 [complement(80344..80775)], rpl2 [complement(81439..81828)], ndhB [complement(85422..86177)], ndhB [complement(86890..87666)], trnI-GAU [93111..93152], trnI-GAU [93954..93988], trnA-UGC [94054..94091], trnA-UGC [94903..94937], ndhA [complement(110985..111524)], ndhA [complement(112557..113105)], trnA-UGC [complement(120478..120512)], trnA-UGC [complement(121324..121361)], trnI-GAU [complement(121427..121461)], trnI-GAU [complement(122263..122304)], ndhB [127749..128525], ndhB [129238..129993], rpl2 [133587..133976], rpl2 [134640..135071]	[33098..33922], ycf3 [complement(42266..42989)], ycf3 [complement(43218..43974)], trnL-UAA [46730..47295], trnV-UAC [complement(50971..51566)], petB [70467..71155], petD [72044..72792], rpl16 [complement(77278..78338)], rpl2 [complement(80776..81438)], ndhB [complement(86178..86889)], trnI-GAU [93153..93953], trnA-UGC [94092..94902], ndhA [complement(111525..112556)], trnA-UGC [complement(120513..121323)], trnI-GAU [complement(121462..122262)], ndhB [128526..129237], rpl2 [133977..134639]
1946.	KESI	23	trnK-UUU [complement(1372..1400)], trnK-UUU [complement(3890..3927)], rps12 [129707..129735]	trnK-UUU [complement(1401..3889)], rps16 [complement(4729..5562)], trnG-UCC [complement(13628..14325)], atpF [35424..36255], ycf3 [complement(44654..45390)], ycf3 [complement(45619..46375)], trnL-UAA [49309..49759], trnV-UAC [complement(53510..54115)], petB [73692..74443], petD [75282..76021], rpl16 [complement(80478..81566)], rpl2 [complement(83986..84648)], ndhB [complement(89261..89964)], trnI-GAU [96276..97222], trnA-UGC [97361..98170], ndhA [complement(114161..115181)], trnA-UGC [complement(123136..123945)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				GAU [complement(124084..125030)], ndhB [131342..132045], rpl2 [136658..137320]
1947.	KHMA	64	rps12 [complement(101886..102128)], rps12 [complement(72746..72871)], trnK-UUU [complement(1845..1882)], trnK-UUU [complement(4409..4445)], rps16 [complement(5294..5519)], rps16 [complement(6339..6379)], trnG-GCC [9253..9275], trnG-GCC [9990..10038], atpF [complement(12125..12563)], atpF [complement(13338..13504)], rpoC1 [complement(21681..23300)], rpoC1 [complement(23999..24433)], ycf3 [complement(44705..44857)], ycf3 [complement(45661..45888)], ycf3 [complement(46616..46744)], trnL-UAA [49530..49566], trnL-UAA [50093..50142], trnV-UAC [complement(54201..54237)], trnV-UAC [complement(54828..54866)], rps12 [144710..144952], clpP [complement(73044..73242)], clpP [complement(73930..74220)], clpP [complement(75080..75147)], petB [78103..78109], petB [78918..79558], rpl2 [complement(87582..88010)], rpl2 [complement(88698..89090)], ndhB [complement(98278..99034)], ndhB [complement(99716..100491)], trnI-GAU [106031..106072], trnI-GAU [107027..107061], trnA-UGC [107132..107169], trnA-UGC [108010..108044], ndhA [complement(124042..124581)], ndhA [complement(125671..126243)], trnA-UGC [complement(138794..138828)], trnA-UGC [complement(139669..139706)], trnI-GAU [complement(139777..139811)], trnI-GAU [complement(140766..140807)], ndhB [146347..147225], ndhB [147805..148560], rpl2 [157748..158140], rpl2 [158822..159256]	trnK-UUU [complement(1883..4408)], rps16 [complement(5520..6338)], trnG-GCC [9276..9989], atpF [complement(12564..13337)], rpoC1 [complement(23301..23998)], ycf3 [complement(44858..45660)], ycf3 [complement(45889..46615)], trnL-UAA [49567..50092], trnV-UAC [complement(54238..54827)], clpP [complement(73243..73929)], clpP [complement(74221..75079)], petB [78110..78917], rpl2 [complement(88011..88697)], ndhB [complement(99035..99715)], trnI-GAU [106073..107026], trnA-UGC [107170..108009], ndhA [complement(124582..125670)], trnA-UGC [complement(138829..139668)], trnI-GAU [complement(139812..140765)], ndhB [147226..147804], rpl2 [158141..158821]
1948.	KHSE	73	rps12 [complement(101766..101791)], rps12 [complement(102328..102559)], rps12 [complement(73367..73492)], trnK [complement(1852..1886)], trnK [complement(4412..4448)], rps16 [complement(5318..5544)], rps16 [complement(6410..6449)], trnG [10156..10178], trnG [10897..10945], atpF [complement(12927..13336)], atpF [complement(14098..14242)], rpoC1 [complement(22432..24042)], rpoC1 [complement(24806..25237)], ycf3 [complement(45036..45188)], ycf3 [complement(45997..46224)], ycf3 [complement(46955..47080)], trnL [50378..50412], trnL [50941..50990], trnV [complement(54475..54511)], trnV [complement(55102..55140)], rps12 [complement(73367..73492)], rps12 [144634..144865], rps12	trnK [complement(1887..4411)], rps16 [complement(5545..6409)], trnG [10179..10896], atpF [complement(13337..14097)], rpoC1 [complement(24043..24805)], ycf3 [complement(45189..45996)], ycf3 [complement(46225..46954)], trnL [50413..50940], trnV [complement(54512..55101)], clpP1 [complement(73893..74549)], clpP1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145402..145427], clpP1 [complement(73665..73892)], clpP1 [complement(74550..74841)], clpP1 [complement(75698..75768)], petB [78663..78668], petB [79476..80117], petD [80327..80334], petD [81067..81544], rpl16 [complement(85031..85432)], rpl16 [complement(86352..86360)], rpl2 [complement(88019..88453)], rpl2 [complement(89135..89527)], ndhB [complement(98709..99464)], ndhB [complement(100146..100922)], trnI [106451..106492], trnI [107447..107481], trnA [107552..107589], trnA [108430..108464], ndhA [complement(124387..124926)], ndhA [complement(126018..126569)], trnA [complement(138729..138763)], trnA [complement(139604..139641)], trnI [complement(139712..139746)], trnI [complement(140701..140742)], ndhB [146271..147047], ndhB [147729..148484], rpl2 [157666..158058], rpl2 [158740..159174]	[complement(74842..75697)], petB [78669..79475], petD [80335..81066], rpl16 [complement(85433..86351)], rpl2 [complement(88454..89134)], ndhB [complement(99465..100145)], trnI [106493..107446], trnA [107590..108429], ndhA [complement(124927..126017)], trnA [complement(138764..139603)], trnI [complement(139747..140700)], ndhB [147048..147728], rpl2 [158059..158739]
1949.	KICA	73	rps12 [complement(101635..101660)], rps12 [complement(102197..102428)], rps12 [complement(73590..73703)], trnK-UUU [complement(1675..1709)], trnK-UUU [complement(4215..4251)], rps16 [complement(5100..5324)], rps16 [complement(6229..6267)], trnG-UCC [9636..9658], trnG-UCC [10340..10387], atpF [complement(12310..12717)], atpF [complement(13428..13586)], rpoC1 [complement(21648..23267)], rpoC1 [complement(24057..24491)], ycf3 [complement(44752..44904)], ycf3 [complement(45676..45903)], ycf3 [complement(46631..46756)], trnL-UAA [49964..49998], trnL-UAA [50517..50566], trnV-UAC [complement(54518..54554)], trnV-UAC [complement(55147..55185)], rps12 [complement(73590..73703)], rps12 [144740..144971], rps12 [145508..145533], clpP [complement(73849..74076)], clpP [complement(74735..75025)], clpP [complement(75829..75897)], petB [78779..78784], petB [79555..80196], petD [80385..80392], petD [81159..81633], rpl16 [complement(85070..85471)], rpl16 [complement(86521..86529)], rpl2 [complement(88238..88672)], rpl2 [complement(89335..89727)], ndhB [complement(98587..99342)], ndhB [complement(100022..100798)], trnI-GAU [106341..106382], trnI-GAU [107330..107364], trnA-UGC [107429..107466], trnA-UGC [108279..108313],	trnK-UUU [complement(1710..4214)], rps16 [complement(5325..6228)], trnG-UCC [9659..10339], atpF [complement(12718..13427)], rpoC1 [complement(23268..24056)], ycf3 [complement(44905..45675)], ycf3 [complement(45904..46630)], trnL-UAA [49999..50516], trnV-UAC [complement(54555..55146)], clpP [complement(74077..74734)], clpP [complement(75026..75828)], petB [78785..79554], petD [80393..81158], rpl16 [complement(85472..86520)], rpl2 [complement(88673..89334)], ndhB [complement(99343..100021)], trnI-GAU [106383..107329], trnA-UGC [107467..108278], ndhA [complement(124747..125886)], trnA-UGC [complement(138890..139701)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(124207..124746)], ndhA [complement(125887..126438)], trnA-UGC [complement(138855..138889)], trnA-UGC [complement(139702..139739)], trnI-GAU [complement(139804..139838)], trnI-GAU [complement(140786..140827)], ndhB [146370..147146], ndhB [147826..148581], rpl2 [157441..157830], rpl2 [158496..158930]	[complement(139839..140785)], ndhB [147147..147825], rpl2 [157831..158495]
1950.	KIPA	72	rps12 [complement(99440..99465)], rps12 [complement(100002..100233)], rps12 [complement(71511..71624)], trnK-UUU [complement(1571..1605)], trnK-UUU [complement(4107..4143)], rps16 [complement(4975..5196)], rps16 [complement(6094..6132)], trnG-UCC [9692..9714], trnG-UCC [10388..10435], atpF [complement(12353..12760)], atpF [complement(13471..13629)], rpoC1 [complement(21513..23138)], rpoC1 [complement(23885..24319)], ycf3 [complement(43461..43613)], ycf3 [complement(44353..44580)], ycf3 [complement(45290..45415)], trnL-UAA [48458..48492], trnL-UAA [49014..49063], trnV-UAC [complement(52844..52880)], trnV-UAC [complement(53468..53506)], rps12 [142130..142361], rps12 [142898..142923], clpP [complement(71765..71992)], clpP [complement(72672..72962)], clpP [complement(73737..73805)], petB [76712..76717], petB [77478..78119], petD [78314..78321], petD [79027..79501], rpl16 [complement(82936..83337)], rpl16 [complement(84349..84357)], rpl2 [complement(86039..86473)], rpl2 [complement(87136..87528)], ndhB [complement(96382..97137)], ndhB [complement(97817..98593)], trnI-GAU [104152..104193], trnI-GAU [105069..105103], trnA-UGC [105167..105204], trnA-UGC [106005..106039], ndhA [complement(121734..122273)], ndhA [complement(123363..123914)], trnA-UGC [complement(136324..136358)], trnA-UGC [complement(137159..137195)], trnI-GAU [complement(137260..137294)], trnI-GAU [complement(138170..138211)], ndhB [143770..144546], ndhB [145226..145981], rpl2 [154835..155224], rpl2 [155890..156324]	trnK-UUU [complement(1606..4106)], rps16 [complement(5197..6093)], trnG-UCC [9715..10387], atpF [complement(12761..13470)], rpoC1 [complement(23139..23884)], ycf3 [complement(43614..44352)], ycf3 [complement(44581..45289)], trnL-UAA [48493..49013], trnV-UAC [complement(52881..53467)], clpP [complement(71993..72671)], clpP [complement(72963..73736)], petB [76718..77477], petD [78322..79026], rpl16 [complement(83338..84348)], rpl2 [complement(86474..87135)], ndhB [complement(97138..97816)], trnI-GAU [104194..105068], trnA-UGC [105205..106004], ndhA [complement(122274..123362)], trnA-UGC [complement(136359..137158)], trnI-GAU [complement(137295..138169)], ndhB [144547..145225], rpl2 [155225..155889]
1951.	KIUN	21	rps12 [135551..135576]	trnK-UUU [complement(1611..4091)], rps16 [complement(4977..5801)], trnV-UAC [complement(10515..11057)], trnL-UAA [complement(16561..16944)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[20068..20783], ycf3 [21014..21770], rpoC1 [40455..41177], atpF [50495..51222], trnG-UCC [complement(53582..54285)], clpP [complement(67188..67828)], clpP [complement(68120..68930)], petB [71929..72611], petD [73481..74180], rpl16 [complement(78463..79343)], rpl2 [complement(81514..82173)], trnI-GAU [97233..98139], trnA-UGC [98272..99026], trnA-UGC [complement(129042..129796)], trnI-GAU [complement(129929..130835)], rpl2 [145895..146554]
1952.	KLGA	70	rps12 [complement(101974..101999)], rps12 [complement(102536..102767)], rps12 [complement(73206..73319)], trnK-UUU [complement(1861..1895)], trnK-UUU [complement(4471..4507)], trnG-UCC [8409..8431], trnG-UCC [9133..9180], atpF [complement(11674..12083)], atpF [complement(12838..12982)], rpoC1 [complement(21218..22828)], rpoC1 [complement(23598..24050)], ycf3 [complement(44986..45138)], ycf3 [complement(45807..46034)], ycf3 [complement(46739..46864)], trnL-UAA [49251..49285], trnL-UAA [49830..49879], trnV-UAC [complement(53976..54010)], trnV-UAC [complement(54601..54639)], rps12 [complement(73206..73319)], rps12 [145509..145740], rps12 [146277..146302], clpP [complement(73490..73717)], clpP [complement(74474..74765)], clpP [complement(75576..75676)], petB [78633..78638], petB [79444..80085], petD [80288..80295], petD [81105..81579], rpl16 [complement(85100..85498)], rpl16 [complement(86527..86535)], rpl2 [complement(88236..88669)], rpl2 [complement(89348..89747)], ndhB [complement(98907..99662)], ndhB [complement(100353..101129)], trnI-GAU [106731..106767], trnI-GAU [107716..107750], trnA-UGC [107815..107852], trnA-UGC [108656..108690], ndhA [complement(125001..125540)], ndhA [complement(126734..127288)], trnA-UGC [complement(139586..139620)], trnA-UGC	trnK-UUU [complement(1896..4470)], trnG-UCC [8432..9132], atpF [complement(12084..12837)], rpoC1 [complement(22829..23597)], ycf3 [complement(45139..45806)], ycf3 [complement(46035..46738)], trnL-UAA [49286..49829], trnV-UAC [complement(54011..54600)], clpP [complement(73718..74473)], clpP [complement(74766..75575)], petB [78639..79443], petD [80296..81104], rpl16 [complement(85499..86526)], rpl2 [complement(88670..89347)], ndhB [complement(99663..100352)], trnI-GAU [106768..107715], trnA-UGC [107853..108655], ndhA [complement(125541..126733)], trnA-UGC [complement(139621..140423)], trnI-GAU [complement(140561..141508)], ndhB [147924..148613], rpl2 [158929..159606]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(140424..140461)], trnI-GAU [complement(140526..140560)], trnI-GAU [complement(141509..141545)], ndhB [147147..147923], ndhB [148614..149369], rpl2 [158529..158928], rpl2 [159607..160040]	
1953.	KOAM	67	rps12 [complement(102349..102374)], rps12 [complement(102911..103142)], rps12 [complement(74969..75082)], trnK-UUU [complement(1701..1735)], trnK-UUU [complement(4296..4332)], rps16 [complement(4925..5154)], rps16 [complement(6004..6043)], trnG-GCC [9950..9972], trnG-GCC [10679..10725], atpF [complement(12666..13076)], atpF [complement(13794..13937)], rpoC1 [complement(21946..23564)], rpoC1 [complement(24345..24774)], ycf3 [complement(44662..44816)], ycf3 [complement(45575..45800)], ycf3 [complement(46546..46671)], trnL-UAA [49288..49323], trnL-UAA [49833..49881], trnV-UAC [complement(53716..53751)], trnV-UAC [complement(54328..54367)], rps18 [72871..72909], rps18 [72973..73174], rps18 [73490..73536], rps12 [complement(74969..75082)], rps12 [143865..144096], rps12 [144633..144664], rpl2 [complement(88494..88928)], rpl2 [complement(89610..89990)], ycf2 [90748..97083], ycf2 [97369..97674], ndhB [complement(99275..100030)], ndhB [complement(100710..101486)], trnI-GAU [107132..107168], trnI-GAU [108112..108146], trnA-UGC [108211..108248], trnA-UGC [109054..109088], ndhA [complement(123611..124149)], ndhA [complement(125247..125799)], trnA-UGC [complement(137925..137959)], trnA-UGC [complement(138765..138802)], trnI-GAU [complement(138867..138901)], trnI-GAU [complement(139845..139881)], ndhB [145527..146303], ndhB [146983..147738], ycf2 [complement(149339..149644)], ycf2 [complement(149930..156265)]	trnK-UUU [complement(1736..4295)], rps16 [complement(5155..6003)], trnG-GCC [9973..10678], atpF [complement(13077..13793)], rpoC1 [complement(23565..24344)], ycf3 [complement(44817..45574)], ycf3 [complement(45801..46545)], trnL-UAA [49324..49832], trnV-UAC [complement(53752..54327)], rps18 [72910..72972], rps18 [73175..73489], rpl2 [complement(88929..89609)], ycf2 [97084..97368], ndhB [complement(100031..100709)], trnI-GAU [107169..108111], trnA-UGC [108249..109053], ndhA [complement(124150..125246)], trnA-UGC [complement(137960..138764)], trnI-GAU [complement(138902..139844)], ndhB [146304..146982], ycf2 [complement(149645..149929)]
1954.	KONI	64	rps12 [complement(89063..89091)], rps12 [complement(89632..89863)], rps12 [complement(67124..67237)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3893..3929)], rps16 [complement(4470..4699)], rps16 [complement(5522..5561)], trnG-UCC [complement(12864..12911)], trnG-UCC [complement(13585..13607)], atpF [32525..32669], atpF [33500..33906], ycf3 [complement(41673..41833)], ycf3 [complement(42562..42787)], ycf3	trnK-UUU [complement(1418..3892)], rps16 [complement(4700..5521)], trnG-UCC [complement(12912..13584)], atpF [32670..33499], ycf3 [complement(41834..42561)], ycf3 [complement(42788..43543)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43544..43669)], trnL [46433..46467], trnL [46804..46853], trnV-UAC [complement(50441..50477)], trnV-UAC [complement(51074..51112)], rps12 [126474..126705], rps12 [127246..127274], petB [71017..71022], petB [71790..72431], petD [72620..72627], petD [73369..73843], rpl16 [complement(77423..77824)], rpl16 [complement(78825..78833)], rpl2 [complement(80832..81262)], rpl2 [complement(81926..82316)], ndhB [complement(85995..86750)], ndhB [complement(87463..88239)], trnI-GAU [93721..93757], trnI-GAU [94563..94597], trnA-UGC [94663..94700], trnA-UGC [95512..95546], ndhA [complement(111341..111879)], ndhA [complement(112899..113448)], trnA-UGC [complement(120791..120825)], trnA-UGC [complement(121637..121674)], trnI-GAU [complement(121740..121774)], trnI-GAU [complement(122580..122616)], ndhB [128098..128874], ndhB [129587..130342], rpl2 [134021..134411], rpl2 [135075..135505]	[46468..46803], trnV-UAC [complement(50478..51073)], petB [71023..71789], petD [72628..73368], rpl16 [complement(77825..78824)], rpl2 [complement(81263..81925)], ndhB [complement(86751..87462)], trnI-GAU [93758..94562], trnA-UGC [94701..95511], ndhA [complement(111880..112898)], trnA-UGC [complement(120826..121636)], trnI-GAU [complement(121775..122579)], ndhB [128875..129586], rpl2 [134412..135074]
1955.	KOPA	73	rps12 [complement(104476..104501)], rps12 [complement(105043..105274)], rps12 [complement(75709..75822)], trnK-UUU [complement(1843..1880)], trnK-UUU [complement(4405..4441)], rps16 [complement(5451..5675)], rps16 [complement(6517..6558)], trnG-GCC [10104..10126], trnG-GCC [10861..10909], atpF [complement(13080..13490)], atpF [complement(14255..14398)], rpoC1 [complement(22439..24058)], rpoC1 [complement(24764..25198)], ycf3 [complement(46805..46957)], ycf3 [complement(47714..47941)], ycf3 [complement(48683..48808)], trnL-UAA [52201..52237], trnL-UAA [52786..52835], trnV-UAC [complement(57009..57045)], trnV-UAC [complement(57649..57687)], rps12 [complement(75709..75822)], rps12 [148221..148452], rps12 [148994..149019], clpP [complement(75995..76222)], clpP [complement(76864..77157)], clpP [complement(78053..78121)], petB [81062..81067], petB [81853..82494], petD [82718..82723], petD [83511..83987], rpl16 [complement(87517..87918)], rpl16 [complement(88990..88998)], rpl2 [complement(90684..91118)], rpl2 [complement(91782..92171)], ndhB [complement(101427..102182)], ndhB [complement(102855..103631)], trnI-GAU [109213..109249], trnI-GAU	trnK-UUU [complement(1881..4404)], rps16 [complement(5676..6516)], trnG-GCC [10127..10860], atpF [complement(13491..14254)], rpoC1 [complement(24059..24763)], ycf3 [complement(46958..47713)], ycf3 [complement(47942..48682)], trnL-UAA [52238..52785], trnV-UAC [complement(57046..57648)], clpP [complement(76223..76863)], clpP [complement(77158..78052)], petB [81068..81852], petD [82724..83510], rpl16 [complement(87919..88989)], rpl2 [complement(91119..91781)], ndhB [complement(102183..102854)], trnI-GAU [109250..110212], trnA-UGC [110350..111190], ndhA [complement(128692..129213)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[110213..110247], trnA-UGC [110312..110349], trnA-UGC [111191..111225], ndhA [complement(128152..128691)], ndhA [complement(129214..129765)], trnA-UGC [complement(142270..142304)], trnA-UGC [complement(143146..143183)], trnI-GAU [complement(143248..143282)], trnI-GAU [complement(144246..144282)], ndhB [149864..150640], ndhB [151313..152068], rpl2 [161324..161713], rpl2 [162377..162811]	[complement(142305..143145)], trnI-GAU [complement(143283..144245)], ndhB [150641..151312], rpl2 [161714..162376]
1956.	KORO	53	rps12 [complement(102934..102959)], rps12 [complement(103496..103727)], rps12 [complement(73770..73883)], trnK-UUU [complement(1810..1844)], trnK-UUU [complement(4406..4442)], trnG-GCC [8355..8377], trnG-GCC [9104..9149], atpF [complement(11787..12197)], atpF [complement(12992..13135)], rpoC1 [complement(21444..23054)], rpoC1 [complement(23836..24267)], ycf3 [complement(45452..45604)], ycf3 [complement(46306..46533)], ycf3 [complement(47264..47389)], trnL-UAA [49694..49730], trnL-UAA [50309..50357], trnV-UAC [complement(54416..54452)], trnV-UAC [complement(55060..55098)], rps12 [complement(73770..73883)], rps12 [146801..147032], rps12 [147569..147594], clpP [complement(74052..74277)], clpP [complement(74906..75198)], clpP [complement(76074..76142)], petB [79165..79170], petB [80004..80645], petD [80840..80847], petD [81641..82115], rpl16 [complement(85856..86254)], rpl16 [complement(87322..87330)], rpl2 [complement(89106..89540)], rpl2 [complement(90221..90619)], ndhB [complement(99874..100629)], ndhB [complement(101318..102094)], trnI-GAU [107724..107765], trnI-GAU [108713..108747], trnA-UGC [108812..108849], trnA-UGC [109658..109692], ndhA [complement(126275..126814)], ndhA [complement(128005..128574)], trnA-UGC [complement(140836..140870)], trnA-UGC [complement(141679..141716)], trnI-GAU [complement(141781..141815)], trnI-GAU [complement(142763..142804)], ndhB [148434..149210], ndhB [149899..150654]	trnG-GCC [8378..9103], trnL-UAA [49731..50308], trnV-UAC [complement(54453..55059)], clpP [complement(74278..74905)], clpP [complement(75199..76073)], trnI-GAU [107766..108712], trnI-GAU [complement(141816..142762)]
1957.	KOSO	73	rps12 [complement(102832..102857)], rps12 [complement(103403..103634)], rps12 [complement(74650..74763)], trnK [complement(1844..1878)], trnK [complement(4377..4413)], rps16 [complement(5367..5593)], rps16	trnK [complement(1879..4376)], rps16 [complement(5594..6459)], trnG [10058..10784], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(6460..6499)], trnG [10035..10057], trnG [10785..10832], atpF [complement(13057..13466)], atpF [complement(14228..14372)], rpoC1 [complement(22719..24335)], rpoC1 [complement(25096..25548)], ycf3 [complement(46251..46403)], ycf3 [complement(47108..47337)], ycf3 [complement(48087..48210)], trnL-UAA [52290..52324], trnL-UAA [52837..52886], trnC-ACA [complement(56452..56486)], trnC-ACA [complement(57092..57129)], rps12 [complement(74650..74763)], rps12 [146113..146344], rps12 [146890..146915], clpP [complement(74935..75162)], clpP [complement(75766..76057)], clpP [complement(76913..76983)], petB [79861..79866], petB [80597..81238], petD [81438..81445], petD [82203..82677], rpl16 [complement(86191..86589)], rpl16 [complement(87581..87589)], rpl2 [complement(89274..89707)], rpl2 [complement(90372..90762)], ndhB [complement(99764..100519)], ndhB [complement(101202..101978)], trnI-GAU [107077..107113], trnI-GAU [108058..108092], trnA-UGC [108157..108194], trnA-UGC [109000..109034], ndhA [complement(125946..126484)], ndhA [complement(127567..128119)], trnA-UGC [complement(140713..140747)], trnA-UGC [complement(141553..141590)], trnI-GAU [complement(141655..141689)], trnI-GAU [complement(142634..142670)], ndhB [147769..148545], ndhB [149228..149983], rpl2 [158985..159375], rpl2 [160040..160473]</p>	<p>[complement(13467..14227)], rpoC1 [complement(24336..25095)], ycf3 [complement(46404..47107)], ycf3 [complement(47338..48086)], trnL-UAA [52325..52836], trnC-ACA [complement(56487..57091)], clpP [complement(75163..75765)], clpP [complement(76058..76912)], petB [79867..80596], petD [81446..82202], rpl16 [complement(86590..87580)], rpl2 [complement(89708..90371)], ndhB [complement(100520..101201)], trnI-GAU [107114..108057], trnA-UGC [108195..108999], ndhA [complement(126485..127566)], trnA-UGC [complement(140748..141552)], trnI-GAU [complement(141690..142633)], ndhB [148546..149227], rpl2 [159376..160039]</p>
1958.	KRBI	73	<p>rps12 [complement(113559..113584)], rps12 [complement(114121..114352)], rps12 [complement(84285..84398)], trnK [complement(3889..3923)], trnK [complement(6434..6470)], rps16 [complement(7217..7442)], rps16 [complement(8998..9038)], trnG [15537..15559], trnG [16301..16345], atpF [complement(19484..19894)], atpF [complement(20687..20830)], rpoC1 [complement(28753..30369)], rpoC1 [complement(31162..31593)], ycf3 [complement(54147..54301)], ycf3 [complement(55042..55269)], ycf3 [complement(56002..56125)], trnL [59288..59322], trnL [59956..60005], trnV [complement(63676..63710)], trnV [complement(64363..64400)], rps12 [complement(84285..84398)], rps12 [157992..158223], rps12 [158760..158785], clpP [complement(84591..84818)], clpP [complement(85454..85748)], clpP [complement(86727..86797)], petB</p>	<p>trnK [complement(3924..6433)], rps16 [complement(7443..8997)], trnG [15560..16300], atpF [complement(19895..20686)], rpoC1 [complement(30370..31161)], ycf3 [complement(54302..55041)], ycf3 [complement(55270..56001)], trnL [59323..59955], trnV [complement(63711..64362)], clpP [complement(84819..85453)], clpP [complement(85749..86726)], petB [89841..90553], petD [91441..92126], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[89835..89840], petB [90554..91240], petD [91433..91440], petD [92127..92601], rpl16 [complement(96308..96721)], rpl16 [complement(98251..98259)], rpl2 [complement(99875..100308)], rpl2 [complement(100980..101376)], ndhB [complement(110511..111266)], ndhB [complement(111946..112722)], trnI [118025..118061], trnI [119018..119052], trnA [119117..119154], trnA [119973..120007], ndhA [complement(137417..137955)], ndhA [complement(139158..139716)], trnA [complement(152337..152371)], trnA [complement(153190..153227)], trnI [complement(153292..153326)], trnI [complement(154283..154319)], ndhB [159622..160398], ndhB [161078..161833], rpl2 [170968..171364], rpl2 [172036..172469]	[complement(96722..98250)], rpl2 [complement(100309..100979)], ndhB [complement(111267..111945)], trnI [118062..119017], trnA [119155..119972], ndhA [complement(137956..139157)], trnA [complement(152372..153189)], trnI [complement(153327..154282)], ndhB [160399..161077], rpl2 [171365..172035]
1959.	KRLA	73	rps12 [complement(112758..112783)], rps12 [complement(113320..113551)], rps12 [complement(83387..83500)], trnK [complement(3801..3835)], trnK [complement(6184..6220)], rps16 [complement(6970..7195)], rps16 [complement(8710..8750)], trnG [14546..14568], trnG [15313..15360], atpF [complement(18456..18866)], atpF [complement(19642..19785)], rpoC1 [complement(27729..29345)], rpoC1 [complement(30138..30569)], ycf3 [complement(53174..53328)], ycf3 [complement(54096..54323)], ycf3 [complement(55055..55178)], trnL-UAA [58320..58354], trnL-UAA [59063..59112], trnV-UAC [complement(62837..62871)], trnV-UAC [complement(63525..63562)], rps12 [complement(83387..83500)], rps12 [157225..157456], rps12 [157993..158018], clpP [complement(83710..83937)], clpP [complement(84569..84860)], clpP [complement(85840..85910)], petB [88990..88995], petB [89754..90395], petD [90588..90595], petD [91321..91795], rpl16 [complement(95515..95925)], rpl16 [complement(97457..97465)], rpl2 [complement(99062..99495)], rpl2 [complement(100167..100563)], ndhB [complement(109710..110465)], ndhB [complement(111145..111921)], trnI-GAU [117214..117250], trnI-GAU [118195..118229], trnA-UGC [118294..118331], trnA-UGC [119150..119184], ndhA [complement(136678..137216)], ndhA [complement(138391..138949)], trnA-UGC [complement(151592..151626)], trnA-UGC [complement(152445..152482)], trnI-GAU [complement(152547..152581)],	trnK [complement(3836..6183)], rps16 [complement(7196..8709)], trnG [14569..15312], atpF [complement(18867..19641)], rpoC1 [complement(29346..30137)], ycf3 [complement(53329..54095)], ycf3 [complement(54324..55054)], trnL-UAA [58355..59062], trnV-UAC [complement(62872..63524)], clpP [complement(83938..84568)], clpP [complement(84861..85839)], petB [88996..89753], petD [90596..91320], rpl16 [complement(95926..97456)], rpl2 [complement(99496..100166)], ndhB [complement(110466..111144)], trnI-GAU [117251..118194], trnA-UGC [118332..119149], ndhA [complement(137217..138390)], trnA-UGC [complement(151627..152444)], trnI-GAU [complement(152582..153525)], ndhB [159632..160310], rpl2 [170610..171280]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(153526..153562)], ndhB [158855..159631], ndhB [160311..161066], rpl2 [170213..170609], rpl2 [171281..171714]	
1960.	KUDE	59	rps12 [complement(92316..92351)], rps12 [complement(92890..93120)], rps12 [complement(70241..70354)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3926..3963)], rps16 [complement(4527..4742)], rps16 [complement(5577..5618)], atpF [35294..35452], atpF [36275..36682], ycf3 [complement(44468..44626)], ycf3 [complement(45348..45575)], ycf3 [complement(46316..46447)], trnL-UAA [49260..49294], trnL-UAA [49835..49884], trnV-UAC [complement(53351..53387)], trnV-UAC [complement(53984..54022)], petB [74073..74078], petB [74892..75533], petD [75722..75730], petD [76480..76953], rpl16 [complement(80547..80948)], rpl16 [complement(82067..82075)], rpl2 [complement(84082..84513)], rpl2 [complement(85174..85566)], ndhB [complement(89253..90008)], ndhB [complement(90721..91497)], trnI-GAU [96945..96986], trnI-GAU [97932..97966], trnA-UGC [98032..98069], trnA-UGC [98881..98915], ndhA [complement(115046..115585)], ndhA [complement(116612..117160)], trnA-UGC [complement(124527..124561)], trnA-UGC [complement(125373..125410)], trnI-GAU [complement(125476..125510)], trnI-GAU [complement(126456..126497)], ndhB [131945..132721], ndhB [133434..134189], rpl2 [137876..138268], rpl2 [138929..139360]	trnK-UUU [complement(1410..3925)], rps16 [complement(4743..5576)], atpF [35453..36274], ycf3 [complement(44627..45347)], ycf3 [complement(45576..46315)], trnL-UAA [49295..49834], trnV-UAC [complement(53388..53983)], petB [74079..74891], petD [75731..76479], rpl16 [complement(80949..82066)], rpl2 [complement(84514..85173)], ndhB [complement(90009..90720)], trnI-GAU [96987..97931], trnA-UGC [98070..98880], ndhA [complement(115586..116611)], trnA-UGC [complement(124562..125372)], trnI-GAU [complement(125511..126455)], ndhB [132722..133433], rpl2 [138269..138928]
1961.	KUST	64	rps12 [complement(94913..95170)], rps12 [complement(67224..67337)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4342..4378)], trnV-UAC [9721..9759], trnV-UAC [10334..10370], trnL-UAA [complement(13514..13563)], trnL-UAA [complement(14083..14119)], ycf3 [16520..16645], ycf3 [17324..17551], ycf3 [18325..18477], rpoC1 [37189..37620], rpoC1 [38404..40026], atpF [47866..48009], atpF [48750..49166], trnG-UCC [complement(51240..51288)], trnG-UCC [complement(52006..52028)], rps16 [54314..54353], rps16 [55214..55428], rps12 [135223..135480], clpP [complement(67563..67790)], clpP [complement(68537..68828)], clpP [complement(69534..69604)], petB [72522..72527], petB [73343..73984], petD [74190..74197], petD [74920..75394], rpl16 [complement(78896..79294)], rpl16	trnK-UUU [complement(1735..4341)], trnV-UAC [9760..10333], trnL-UAA [complement(13564..14082)], ycf3 [16646..17323], ycf3 [17552..18324], rpoC1 [37621..38403], atpF [48010..48749], trnG-UCC [complement(51289..52005)], rps16 [54354..55213], clpP [complement(67791..68536)], clpP [complement(68829..69533)], petB [72528..73342], petD [74198..74919], rpl16 [complement(79295..80415)], ndhB [complement(92622..93318)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(80416..80424)], ndhB [complement(91866..92621)], ndhB [complement(93319..94041)], trnI-GAU [99038..99073], trnI-GAU [100036..100070], trnA-UGC [100135..100172], trnA-UGC [100985..101019], ndhA [complement(114943..115482)], ndhA [complement(116745..117296)], trnA-UGC [complement(129374..129408)], trnA-UGC [complement(130221..130258)], trnI-GAU [complement(130323..130357)], trnI-GAU [complement(131320..131355)], ndhB [136352..137074], ndhB [137772..138527]	[99074..100035], trnA-UGC [100173..100984], ndhA [complement(115483..116744)], trnA-UGC [complement(129409..130220)], trnI-GAU [complement(130358..131319)], ndhB [137075..137771]
1962.	LAAL	40	trnK-UUU [complement(1559..1593)], trnK-UUU [complement(4103..4139)], trnG-UCC [8861..8883], trnG-UCC [9571..9618], trnL-UAA [46127..46161], trnL-UAA [46624..46673], trnV-UAC [complement(50268..50302)], trnV-UAC [complement(50883..50920)], rps12 [137350..137375], trnI-GAU [100039..100075], trnI-GAU [101013..101047], trnA-UGC [101112..101149], trnA-UGC [101946..101980], trnA-UGC [complement(130971..131005)], trnA-UGC [complement(131802..131839)], trnI-GAU [complement(131904..131938)], trnI-GAU [complement(132876..132912)]	trnK-UUU [complement(1594..4102)], rps16 [complement(5138..6004)], trnG-UCC [8884..9570], atpF [complement(12014..12681)], rpoC1 [complement(22317..23095)], ycf3 [complement(42024..42741)], ycf3 [complement(42972..43679)], trnL-UAA [46162..46623], trnV-UAC [complement(50303..50882)], clpP [complement(68834..69460)], clpP [complement(69753..70413)], petB [73399..74131], petD [74976..75720], rpl16 [complement(79999..80882)], rpl2 [complement(82980..83646)], ndhB [complement(93325..94003)], trnI-GAU [100076..101012], trnA-UGC [101150..101945], ndhA [complement(117133..118212)], trnA-UGC [complement(131006..131801)], trnI-GAU [complement(131939..132875)], ndhB [138948..139626], rpl2 [149305..149971]
1963.	LAAN	23	-	trnK-UUU [complement(1907..4400)], rps16 [complement(5203..6072)], trnG-UCC [8893..9582], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12020..12723)], rpoC1 [complement(22179..22944)], ycf3 [complement(41929..42649)], ycf3 [complement(42878..43583)], trnL-UAA [46810..47297], trnV-UAC [complement(50991..51563)], clpP [complement(69220..69833)], clpP [complement(70126..70834)], petB [73832..74543], petD [75381..76081], rpl16 [complement(80383..81253)], rpl2 [complement(83364..84030)], ndhB [complement(93902..94576)], trnI-GAU [100881..101827], trnA-UGC [101965..102768], ndhA [complement(118275..119285)], trnA-UGC [complement(132211..133014)], trnI-GAU [complement(133152..134098)], ndhB [140403..141077], rpl2 [150949..151615]
1964.	LAAU	64	rps12 [complement(88369..88397)], rps12 [complement(88938..89169)], rps12 [complement(66606..66719)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3921..3957)], rps16 [complement(4515..4732)], rps16 [complement(5560..5599)], trnG-UCC [complement(12857..12904)], trnG- UCC [complement(13584..13606)], atpF [31842..31986], atpF [32814..33220], ycf3 [complement(40994..41154)], ycf3 [complement(41879..42104)], ycf3 [complement(42860..42985)], trnL-UAA [45752..45786], trnL-UAA [46336..46385], trnV-UAC [complement(49898..49934)], trnV-UAC [complement(50539..50577)], rps12 [125269..125500], rps12 [126041..126069], petB [70476..70481], petB [71238..71879], petD [72068..72075], petD [72813..73287], rpl16 [complement(76876..77277)], rpl16 [complement(78172..78180)], rpl2 [complement(80181..80611)], rpl2 [complement(81275..81665)], ndhB [complement(85301..86056)], ndhB [complement(86769..87545)], trnI-GAU [92962..92998], trnI-GAU	trnK-UUU [complement(1415..3920)], rps16 [complement(4733..5559)], trnG-UCC [complement(12905..13583)], atpF [31987..32813], ycf3 [complement(41155..41878)], ycf3 [complement(42105..42859)], trnL-UAA [45787..46335], trnV-UAC [complement(49935..50538)], petB [70482..71237], petD [72076..72812], rpl16 [complement(77278..78171)], rpl2 [complement(80612..81274)], ndhB [complement(86057..86768)], trnI-GAU [92999..93804], trnA-UGC [93943..94754], ndhA [complement(110811..111814)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[93805..93839], trnA-UGC [93905..93942], trnA-UGC [94755..94789], ndhA [complement(110272..110810)], ndhA [complement(111815..112364)], trnA-UGC [complement(119649..119683)], trnA-UGC [complement(120496..120533)], trnI-GAU [complement(120599..120633)], trnI-GAU [complement(121440..121476)], ndhB [126893..127669], ndhB [128382..129137], rpl2 [132773..133163], rpl2 [133827..134257]	UGC [complement(119684..120495)], trnI-GAU [complement(120634..121439)], ndhB [127670..128381], rpl2 [133164..133826]
1965.	LACA	66	rps12 [complement(96893..96919)], rps12 [complement(97466..97696)], rps12 [complement(69789..69902)], trnK [complement(1515..1549)], trnK [complement(4036..4072)], rps16 [complement(4716..4942)], rps16 [complement(5769..5808)], trnG [8078..8100], trnG [8836..8884], atpF [complement(10897..11306)], atpF [complement(12075..12219)], rpoC1 [complement(19940..21547)], rpoC1 [complement(22292..22723)], ycf3 [complement(41742..41894)], ycf3 [complement(42646..42875)], ycf3 [complement(43621..43744)], trnL [46343..46379], trnL [46907..46956], trnV [complement(51049..51085)], trnV [complement(51683..51720)], rps12 [138611..138841], rps12 [139388..139414], clpP [complement(70064..70291)], clpP [complement(70882..71173)], clpP [complement(72007..72077)], petB [74953..74958], petB [75732..76373], petD [76571..76578], petD [77311..77785], rpl16 [complement(81197..81595)], rpl16 [complement(82487..82495)], ndhB [complement(93831..94586)], ndhB [complement(95270..96046)], trnI [101110..101151], trnI [102009..102043], trnA [102112..102149], trnA [102967..103001], ndhA [complement(119075..119614)], ndhA [complement(120655..121206)], trnA [complement(133306..133340)], trnA [complement(134158..134195)], trnI [complement(134264..134298)], trnI [complement(135156..135197)], ndhB [140261..141037], ndhB [141721..142476]	trnK [complement(1550..4035)], rps16 [complement(4943..5768)], trnG [8101..8835], atpF [complement(11307..12074)], rpoC1 [complement(21548..22291)], ycf3 [complement(41895..42645)], ycf3 [complement(42876..43620)], trnL [46380..46906], trnV [complement(51086..51682)], clpP [complement(70292..70881)], clpP [complement(71174..72006)], petB [74959..75731], petD [76579..77310], rpl16 [complement(81596..82486)], ndhB [complement(94587..95269)], trnI [101152..102008], trnA [102150..102966], ndhA [complement(119615..120654)], trnA [complement(133341..134157)], trnI [complement(134299..135155)], ndhB [141038..141720]
1966.	LACJ	44	rpoC1 [6150..6584], rpoC1 [7233..8900], atpF [15927..16091], atpF [16837..17247], trnG-UCC [complement(19223..19270)], trnG-UCC [complement(20065..20087)], petB [23943..23947], petB [24742..25384], petD [25599..25605], petD [26318..26847], rpl16 [complement(30207..30603)], rpl16 [complement(31469..31476)], rpl2 [complement(33002..33433)], rpl2 [complement(34116..34517)], trnL-UAA [complement(37616..37665)], trnL-	rpoC1 [6585..7232], atpF [16092..16836], trnG-UCC [complement(19271..20064)], petB [23948..24741], petD [25606..26317], rpl16 [complement(30604..31468)], rpl2 [complement(33434..34115)], trnL-UAA [complement(37666..38141)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAA [complement(38142..38176)], ycf3 [40677..40808], ycf3 [41521..41766], ycf3 [42464..42619], trnI-GAU [55627..55668], trnI-GAU [56658..56692], trnA-UGC [56772..56809], trnA-UGC [57585..57619], rps12 [complement(120706..120818)], rps12 [80719..80952], rps12 [81496..81520], trnK-UUU [complement(93452..93486)], trnK-UUU [complement(96000..96036)], trnV-UAC [complement(102953..102989)], trnV-UAC [complement(103531..103569)]	[40809..41520], ycf3 [41767..42463], trnI-GAU [55669..56657], trnA-UGC [56810..57584], trnK-UUU [complement(93487..95999)], trnV-UAC [complement(102990..103530)]
1967.	LACL	27	trnK-UUU [complement(1695..1723)], trnK-UUU [complement(4218..4254)], trnV-UAC [9091..9129], trnV-UAC [9704..9740], trnL-UAA [complement(12714..12763)], trnL-UAA [complement(13203..13239)], trnA-UGC [complement(93024..93058)], trnA-UGC [complement(93867..93904)], trnI-GAU [complement(93970..94004)], trnI-GAU [complement(94683..94724)]	trnK-UUU [complement(1724..4217)], trnV-UAC [9130..9703], trnL-UAA [complement(12764..13202)], ycf3 [16351..17080], ycf3 [17309..18040], ycf2 [complement(29244..29258)], rpl16 [complement(34166..35224)], rpl2 [complement(37787..38500)], petD [complement(41119..41859)], petB [complement(42705..43526)], clpP [complement(51404..51961)], atpF [complement(64494..65177)], rpoC1 [complement(74660..75426)], trnA-UGC [complement(93059..93866)], trnI-GAU [complement(94005..94682)], ndhB [100101..100811], ndhA [109963..111153]
1968.	LACU	28	rps12 [complement(97909..98151)], rps12 [complement(69493..69606)], trnK-UUU [complement(1585..1614)], trnK-UUU [complement(4164..4200)], ycf3 [complement(43298..43527)], rps12 [138443..138685]	trnK-UUU [complement(1615..4163)], rps16 [complement(5243..6147)], rpoC1 [16380..17121], atpF [26849..27557], trnG-UCC [complement(30040..30772)], ycf3 [complement(42552..43297)], ycf3 [complement(43528..44216)], trnL-UAA [47313..47750], trnV-UAC [complement(51266..51839)], clpP [complement(70036..70639)], clpP [complement(70931..71743)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[74811..75600], petD [76440..77170], rpl2 [complement(84681..85351)], ndhB [complement(95089..95763)], trnI-GAU [102115..102890], trnA-UGC [103028..103847], ndhA [116147..117220], trnA-UGC [complement(132747..133566)], trnI-GAU [complement(133704..134479)], ndhB [140831..141505], rpl2 [151244..151914]
1969.	LADA	49	trnK-UUU [complement(1690..1718)], trnK-UUU [complement(4186..4222)], trnV-UAC [9264..9302], trnV-UAC [9881..9917], trnA-UGC [complement(34676..34710)], trnA-UGC [complement(35514..35551)], trnI-GAU [complement(35621..35655)], trnI-GAU [complement(36338..36379)], rps12 [complement(44326..44439)], rps12 [101088..101366], clpP [complement(44654..44935)], clpP [complement(45545..45916)], trnL-UAA [complement(48141..48190)], trnL-UAA [complement(48626..48662)], ycf3 [52058..52183], ycf3 [52909..53136], ycf3 [53871..54023], rpl2 [61157..61549], rpl2 [62251..62685], rpl16 [64455..64463], rpl16 [65277..65678], atpF [73829..73996], atpF [74684..75094], rpoC1 [88760..89194], rpoC1 [89901..91643], petD [complement(94849..95325)], petD [complement(96060..96068)], petB [complement(96264..96905)], petB [complement(97718..97723)], ndhB [102108..102746], ndhB [103449..104204], ndhA [112036..112572], ndhA [113834..114373]	trnK-UUU [complement(1719..4185)], trnV-UAC [9303..9880], trnA-UGC [complement(34711..35513)], trnI-GAU [complement(35656..36337)], clpP [complement(44936..45544)], trnL-UAA [complement(48191..48625)], ycf3 [52184..52908], ycf3 [53137..53870], rpl2 [61550..62250], rpl16 [64464..65276], atpF [73997..74683], rpoC1 [89195..89900], petD [complement(95326..96059)], petB [complement(96906..97717)], ndhB [102747..103448], ndhA [112573..113833]
1970.	LADE	41	rpoC1 [6129..6559], rpoC1 [7220..8879], atpF [15911..16055], atpF [16823..17232], petB [23928..23932], petB [24727..25369], petD [25584..25590], petD [26303..26832], rpl16 [complement(30192..30588)], rpl16 [complement(31453..31460)], rpl2 [complement(32986..33417)], rpl2 [complement(34100..34501)], trnL [complement(37600..37649)], trnL [complement(38126..38160)], ycf3 [40662..40784], ycf3 [41506..41734], ycf3 [42450..42604], trnI [55612..55648], trnI [56643..56677], trnA [56757..56794], trnA [57570..57604], rps12 [complement(120586..120698)], rps12 [80595..80828], rps12 [81372..81396], trnK	rpoC1 [6560..7219], atpF [16056..16822], petB [23933..24726], petD [25591..26302], rpl16 [complement(30589..31452)], rpl2 [complement(33418..34099)], trnL [complement(37650..38125)], ycf3 [40785..41505], ycf3 [41735..42449], trnI [55649..56642], trnA [56795..57569], trnK [complement(93362..95874)], trnV [complement(102863..103405)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(93327..93361)], trnK [complement(95875..95911)], trnV [complement(102828..102862)], trnV [complement(103406..103444)]	
1971.	LAEX	63	rps12 [complement(96937..96963)], rps12 [complement(97510..97740)], rps12 [complement(69817..69930)], trnK [complement(1509..1543)], trnK [complement(4039..4075)], rps16 [complement(4779..5005)], rps16 [complement(5843..5882)], atpF [complement(11114..11523)], atpF [complement(12297..12441)], rpoC1 [complement(20182..21789)], rpoC1 [complement(22528..22959)], ycf3 [complement(41763..41915)], ycf3 [complement(42667..42896)], ycf3 [complement(43643..43766)], trnL [46365..46401], trnL [46929..46978], trnV [complement(51072..51108)], trnV [complement(51706..51743)], rps12 [138528..138758], rps12 [139305..139331], clpP [complement(70086..70313)], clpP [complement(70906..71197)], clpP [complement(72029..72099)], petB [74978..74983], petB [75748..76389], petD [76588..76595], petD [77341..77815], rpl16 [complement(81220..81618)], rpl16 [complement(82523..82531)], ndhB [complement(93874..94629)], ndhB [complement(95314..96090)], trnI [101131..101172], trnI [102065..102099], trnA [102163..102200], trnA [102891..102925], ndhA [complement(119102..119641)], ndhA [complement(120684..121235)], trnA [complement(133343..133377)], trnA [complement(134068..134105)], trnI [complement(134169..134203)], trnI [complement(135096..135137)], ndhB [140178..140954], ndhB [141639..142394]	trnK [complement(1544..4038)], rps16 [complement(5006..5842)], atpF [complement(11524..12296)], rpoC1 [complement(21790..22527)], ycf3 [complement(41916..42666)], ycf3 [complement(42897..43642)], trnL [46402..46928], trnV [complement(51109..51705)], clpP [complement(70314..70905)], clpP [complement(71198..72028)], petB [74984..75747], petD [76596..77340], rpl16 [complement(81619..82522)], ndhB [complement(94630..95313)], trnI [101173..102064], trnA [102201..102890], ndhA [complement(119642..120683)], trnA [complement(133378..134067)], trnI [complement(134204..135095)], ndhB [140955..141638]
1972.	Lafa	63	rps12 [complement(96810..96836)], rps12 [complement(97383..97613)], rps12 [complement(69712..69825)], trnK [complement(1509..1543)], trnK [complement(4039..4075)], rps16 [complement(4778..5004)], rps16 [complement(5842..5881)], atpF [complement(11021..11430)], atpF [complement(12205..12349)], rpoC1 [complement(20091..21698)], rpoC1 [complement(22438..22890)], ycf3 [complement(41665..41817)], ycf3 [complement(42570..42797)], ycf3 [complement(43544..43669)], trnL [46268..46304], trnL [46832..46881], trnV [complement(50976..51012)], trnV [complement(51610..51647)], rps12 [138754..138984], rps12 [139531..139557], clpP [complement(69981..70208)], clpP	trnK [complement(1544..4038)], rps16 [complement(5005..5841)], atpF [complement(11431..12204)], rpoC1 [complement(21699..22437)], ycf3 [complement(41818..42569)], ycf3 [complement(42798..43543)], trnL [46305..46831], trnV [complement(51013..51609)], clpP [complement(70209..70799)], clpP [complement(71091..71924)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(70800..71090)], clpP [complement(71925..71993)], petB [74873..74878], petB [75644..76285], petD [76484..76491], petD [77217..77691], rpl16 [complement(81093..81491)], rpl16 [complement(82396..82404)], ndhB [complement(93747..94502)], ndhB [complement(95187..95963)], trnI [101004..101045], trnI [101982..102016], trnA [102080..102117], trnA [102932..102966], ndhA [complement(119168..119707)], ndhA [complement(120749..121300)], trnA [complement(133402..133436)], trnA [complement(134251..134288)], trnI [complement(134352..134386)], trnI [complement(135323..135364)], ndhB [140404..141180], ndhB [141865..142620]	[74879..75643], petD [76492..77216], rpl16 [complement(81492..82395)], ndhB [complement(94503..95186)], trnI [101046..101981], trnA [102118..102931], ndhA [complement(119708..120748)], trnA [complement(133437..134250)], trnI [complement(134387..135322)], ndhB [141181..141864]
1973.	LAFL	63	rps12 [complement(96850..96876)], rps12 [complement(97423..97653)], rps12 [complement(69704..69817)], trnK [complement(1514..1548)], trnK [complement(4035..4071)], rps16 [complement(4716..4942)], rps16 [complement(5769..5808)], atpF [complement(10872..11281)], atpF [complement(12050..12194)], rpoC1 [complement(19910..21517)], rpoC1 [complement(22262..22693)], ycf3 [complement(41620..41772)], ycf3 [complement(42520..42749)], ycf3 [complement(43495..43618)], trnL [46217..46253], trnL [46781..46830], trnV [complement(50923..50959)], trnV [complement(51557..51594)], rps12 [138555..138785], rps12 [139332..139358], clpP [complement(69979..70206)], clpP [complement(70797..71088)], clpP [complement(71922..71992)], petB [74868..74873], petB [75672..76313], petD [76511..76518], petD [77251..77725], rpl16 [complement(81151..81549)], rpl16 [complement(82442..82450)], ndhB [complement(93788..94543)], ndhB [complement(95227..96003)], trnI [101028..101069], trnI [102015..102049], trnA [102118..102155], trnA [102967..103001], ndhA [complement(119064..119603)], ndhA [complement(120665..121195)], trnA [complement(133295..133329)], trnA [complement(134141..134178)], trnI [complement(134247..134281)], trnI [complement(135139..135180)], ndhB [140205..140981], ndhB [141665..142420]	trnK [complement(1549..4034)], rps16 [complement(4943..5768)], atpF [complement(11282..12049)], rpoC1 [complement(21518..22261)], ycf3 [complement(41773..42519)], ycf3 [complement(42750..43494)], trnL [46254..46780], trnV [complement(50960..51556)], clpP [complement(70207..70796)], clpP [complement(71089..71921)], petB [74874..75671], petD [76519..77250], rpl16 [complement(81550..82441)], ndhB [complement(94544..95226)], trnI [101070..102014], trnA [102156..102966], ndhA [complement(119604..120664)], trnA [complement(133330..134140)], trnI [complement(134282..135138)], ndhB [140982..141664]
1974.	LAGA	40	trnK-UUU [complement(1597..1631)], trnK-UUU [complement(4148..4184)], trnG-UCC [9072..9094], trnG-UCC [9781..9828], trnL-UAA [46434..46468],	trnK-UUU [complement(1632..4147)], rps16 [complement(5319..6192)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnL-UAA [46952..47001], trnV-UAC [complement(50575..50609)], trnV-UAC [complement(51185..51222)], rps12 [138132..138157], trnI-GAU [100327..100363], trnI-GAU [101296..101330], trnA-UGC [101395..101432], trnA-UGC [102239..102273], trnA-UGC [complement(131719..131753)], trnA-UGC [complement(132560..132597)], trnI-GAU [complement(132662..132696)], trnI-GAU [complement(133629..133665)]	[9095..9780], atpF [complement(12227..12884)], rpoC1 [complement(22402..23180)], ycf3 [complement(42209..42931)], ycf3 [complement(43162..43877)], trnL-UAA [46469..46951], trnV-UAC [complement(50610..51184)], clpP [complement(69079..69702)], clpP [complement(69995..70657)], petB [73642..74361], petD [75206..75936], rpl16 [complement(80215..81100)], rpl2 [complement(83192..83858)], ndhB [complement(93583..94261)], trnI-GAU [100364..101295], trnA-UGC [101433..102238], ndhA [115075..116152], trnA-UGC [complement(131754..132559)], trnI-GAU [complement(132697..133628)], ndhB [139731..140409], rpl2 [150134..150800]
1975.	LAG M	44	rpoC1 [6150..6584], rpoC1 [7233..8900], atpF [15927..16091], atpF [16837..17247], trnG-UCC [complement(19223..19270)], trnG-UCC [complement(20065..20087)], petB [23943..23947], petB [24742..25384], petD [25599..25605], petD [26318..26847], rpl16 [complement(30207..30603)], rpl16 [complement(31469..31476)], rpl2 [complement(33002..33433)], rpl2 [complement(34116..34517)], trnL-UAA [complement(37616..37665)], trnL-UAA [complement(38142..38176)], ycf3 [40677..40808], ycf3 [41521..41766], ycf3 [42464..42619], trnI-GAU [55627..55668], trnI-GAU [56658..56692], trnA-UGC [56772..56809], trnA-UGC [57585..57619], rps12 [complement(120704..120816)], rps12 [80719..80952], rps12 [81496..81520], trnK-UUU [complement(93451..93485)], trnK-UUU [complement(95999..96035)], trnV-UAC [complement(102951..102987)], trnV-UAC [complement(103529..103567)]	rpoC1 [6585..7232], atpF [16092..16836], trnG-UCC [complement(19271..20064)], petB [23948..24741], petD [25606..26317], rpl16 [complement(30604..31468)], rpl2 [complement(33434..34115)], trnL-UAA [complement(37666..38141)], ycf3 [40809..41520], ycf3 [41767..42463], trnI-GAU [55669..56657], trnA-UGC [56810..57584], trnK-UUU [complement(93486..95998)], trnV-UAC [complement(102988..103528)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1976.	LAGR	49	trnK-UUU [complement(1691..1719)], trnK-UUU [complement(4165..4201)], trnV-UAC [9251..9289], trnV-UAC [9867..9903], ycf2 [complement(13285..18495)], ycf2 [complement(18511..18972)], atpF [complement(39501..39911)], atpF [complement(40597..40764)], rpl16 [complement(48900..49301)], rpl16 [complement(50118..50126)], rpl2 [complement(51899..52333)], rpl2 [complement(53035..53427)], ycf3 [complement(60649..60801)], ycf3 [complement(61536..61763)], ycf3 [complement(62491..62616)], trnL-UAA [65895..65931], trnL-UAA [66371..66420], trnA-UGC [complement(70933..70967)], trnA-UGC [complement(71769..71806)], trnI-GAU [complement(71872..71906)], trnI-GAU [complement(72589..72630)], rps12 [complement(80443..80556)], rps12 [99983..100240], rpoC1 [87366..87800], rpoC1 [88511..90199], petD [complement(93715..94188)], petD [complement(94924..94932)], petB [complement(95128..95769)], petB [complement(96583..96588)], ndhB [101051..101620], ndhB [102322..103077], ndhA [110603..111139], ndhA [112397..112936]	trnK-UUU [complement(1720..4164)], trnV-UAC [9290..9866], ycf2 [complement(18496..18510)], atpF [complement(39912..40596)], rpl16 [complement(49302..50117)], rpl2 [complement(52334..53034)], ycf3 [complement(60802..61535)], ycf3 [complement(61764..62490)], trnL-UAA [65932..66370], trnA-UGC [complement(70968..71768)], trnI-GAU [complement(71907..72588)], rpoC1 [87801..88510], petD [complement(94189..94923)], petB [complement(95770..96582)], ndhB [101621..102321], ndhA [111140..112396]
1977.	LAGU	63	rps12 [complement(96701..96727)], rps12 [complement(97274..97504)], rps12 [complement(69602..69715)], trnK [complement(1509..1543)], trnK [complement(4040..4076)], rps16 [complement(4775..5001)], rps16 [complement(5839..5878)], atpF [complement(11112..11521)], atpF [complement(12295..12439)], rpoC1 [complement(20180..21787)], rpoC1 [complement(22526..22978)], ycf3 [complement(41761..41913)], ycf3 [complement(42665..42894)], ycf3 [complement(43641..43764)], trnL [46363..46399], trnL [46927..46976], trnV [complement(50859..50895)], trnV [complement(51493..51530)], rps12 [138507..138737], rps12 [139284..139310], clpP [complement(69871..70098)], clpP [complement(70691..70982)], clpP [complement(71814..71884)], petB [74763..74768], petB [75533..76174], petD [76373..76380], petD [77106..77580], rpl16 [complement(80985..81383)], rpl16 [complement(82287..82295)], ndhB [complement(93638..94393)], ndhB [complement(95078..95854)], trnI [100895..100936], trnI [101881..101915], trnA [101979..102016], trnA [102707..102741], ndhA	trnK [complement(1544..4039)], rps16 [complement(5002..5838)], atpF [complement(11522..12294)], rpoC1 [complement(21788..22525)], ycf3 [complement(41914..42664)], ycf3 [complement(42895..43640)], trnL [46400..46926], trnV [complement(50896..51492)], clpP [complement(70099..70690)], clpP [complement(70983..71813)], petB [74769..75532], petD [76381..77105], rpl16 [complement(81384..82286)], ndhB [complement(94394..95077)], trnI [100937..101880], trnA [102017..102706], ndhA [complement(119450..120491)], trnA [complement(133186..133994)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(118910..119449)], ndhA [complement(120492..121043)], trnA [complement(133151..133185)], trnA [complement(133995..134032)], trnI [complement(134096..134130)], trnI [complement(135075..135116)], ndhB [140157..140933], ndhB [141618..142373]	[complement(134131..135074)], ndhB [140934..141617]
1978.	LAHI	49	rps12 [complement(98035..98060)], rps12 [complement(98597..98828)], rps12 [complement(70369..70482)], rps16 [complement(4514..4738)], rps16 [complement(5611..5658)], atpF [complement(11547..12017)], atpF [complement(12651..12800)], rpoC1 [complement(20685..22309)], rpoC1 [complement(23112..23544)], ycf3 [complement(42592..42741)], ycf3 [complement(43479..43713)], ycf3 [complement(44413..44546)], clpP [complement(70627..70853)], clpP [complement(71466..71758)], clpP [complement(72485..72555)], petB [75464..75468], petB [76191..76833], petD [77039..77046], petD [77792..78266], rpl16 [complement(81723..82124)], rpl16 [complement(83018..83026)], rpl2 [complement(84696..85165)], rpl2 [complement(85795..86188)], ndhB [complement(95028..95783)], ndhB [complement(96370..97239)], ndhA [complement(119609..120147)], ndhA [complement(121232..121787)], ndhB [141395..142261], ndhB [142851..143606], trnL-CAA [144154..144190], trnL-CAA [144229..144272], rpl2 [152446..152836], rpl2 [153469..153938]	rps16 [complement(4739..5610)], atpF [complement(12018..12650)], rpoC1 [complement(22310..23111)], ycf3 [complement(42742..43478)], ycf3 [complement(43714..44412)], clpP [complement(70854..71465)], clpP [complement(71759..72484)], petB [75469..76190], petD [77047..77791], rpl16 [complement(82125..83017)], rpl2 [complement(85166..85794)], ndhB [complement(95784..96369)], ndhA [complement(120148..121231)], ndhB [142262..142850], trnL-CAA [144191..144228], rpl2 [152837..153468]
1979.	LAI	22	rps12 [139295..139320]	trnK-UUU [complement(1542..4038)], rps16 [complement(4997..5833)], trnG-UCC [8337..9071], atpF [complement(11530..12288)], rpoC1 [complement(21781..22518)], ycf3 [complement(41908..42658)], ycf3 [complement(42889..43634)], trnL-UAA [46392..46920], trnV-UAC [complement(51097..51695)], clpP [complement(70334..70925)], clpP [complement(71218..72048)], petB [75004..75765], petD [76614..77338], rpl16 [complement(81616..82518)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(94626..95308)], trnI-GAU [101163..102060], trnA-UGC [102197..102886], ndhA [complement(119634..120674)], trnA-UGC [complement(133366..134055)], trnI-GAU [complement(134192..135089)], ndhB [140944..141626]
1980.	LAIE	67	rps12 [complement(101730..101756)], rps12 [complement(102303..102533)], rps12 [complement(74007..74120)], trnK [complement(1742..1776)], trnK [complement(4267..4303)], rps16 [complement(5119..5342)], rps16 [complement(6202..6241)], trnG [9684..9706], trnG [10432..10480], atpF [complement(12677..13086)], atpF [complement(13853..13997)], rpoC1 [complement(22050..23657)], rpoC1 [complement(24390..24821)], ycf3 [complement(44803..44955)], ycf3 [complement(45714..45943)], ycf3 [complement(46689..46812)], trnL [50323..50359], trnL [50897..50946], trnV [complement(54987..55023)], trnV [complement(55628..55665)], rps12 [complement(74007..74120)], rps12 [143646..143876], rps12 [144423..144449], clpP [complement(74282..74509)], clpP [complement(75128..75401)], clpP [complement(76245..76315)], petB [79186..79191], petB [79968..80609], petD [80812..80819], petD [81570..82044], rpl16 [complement(85571..85969)], rpl16 [complement(86935..86943)], ndhB [complement(98662..99417)], ndhB [complement(100101..100877)], trnI [106499..106540], trnI [107491..107525], trnA [107582..107619], trnA [108423..108457], ndhA [complement(123134..123673)], ndhA [complement(124712..125263)], trnA [complement(137722..137756)], trnA [complement(138560..138597)], trnI [complement(138654..138688)], trnI [complement(139639..139680)], ndhB [145302..146078], ndhB [146762..147517]	trnK [complement(1777..4266)], rps16 [complement(5343..6201)], trnG [9707..10431], atpF [complement(13087..13852)], rpoC1 [complement(23658..24389)], ycf3 [complement(44956..45713)], ycf3 [complement(45944..46688)], trnL [50360..50896], trnV [complement(55024..55627)], clpP [complement(74510..75127)], clpP [complement(75402..76244)], petB [79192..79967], petD [80820..81569], rpl16 [complement(85970..86934)], ndhB [complement(99418..100100)], trnI [106541..107490], trnA [107620..108422], ndhA [complement(123674..124711)], trnA [complement(137757..138559)], trnI [complement(138689..139638)], ndhB [146079..146761]
1981.	LAIN	27	trnK-UUU [complement(1687..1715)], trnK-UUU [complement(4191..4227)], trnV-UAC [9279..9317], trnV-UAC [9894..9930], trnL-UAA [61514..61550], trnL-UAA [61986..62035], trnA-UGC [complement(66524..66558)], trnA-UGC [complement(67370..67407)], trnI-GAU [complement(67473..67507)],	trnK-UUU [complement(1716..4190)], trnV-UAC [9318..9893], ycf2 [complement(18447..18461)], ndhB [complement(32461..33143)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(68195..68236)]	[38012..38832], petD [39675..40420], rpl16 [complement(45216..46312)], rpl2 [complement(48521..49221)], ycf3 [complement(56840..57566)], ycf3 [complement(57795..58520)], trnL-UAA [61551..61985], trnA-UGC [complement(66559..67369)], trnI-GAU [complement(67508..68194)], clpP [complement(76970..77554)], rpoC1 [84942..85652], atpF [95130..95812], ndhA [111918..113149]
1982.	LAIT	66	rps12 [complement(96858..96884)], rps12 [complement(97431..97661)], rps12 [complement(69760..69873)], trnH [complement(152325..152330)], trnH [complement(1..69)], trnK [complement(1514..1548)], trnK [complement(4040..4076)], rps16 [complement(4725..4951)], rps16 [complement(5778..5817)], atpF [complement(10984..11393)], atpF [complement(12165..12309)], rpoC1 [complement(20041..21648)], rpoC1 [complement(22393..22824)], ycf3 [complement(41977..42129)], ycf3 [complement(42881..43110)], ycf3 [complement(43856..43979)], trnL [46576..46612], trnL [47142..47191], trnV [complement(51146..51182)], trnV [complement(51780..51817)], rps12 [138657..138887], rps12 [139434..139460], clpP [complement(70029..70256)], clpP [complement(70847..71138)], clpP [complement(71965..72035)], petB [74910..74915], petB [75687..76328], petD [76527..76534], petD [77268..77742], rpl16 [complement(81160..81558)], rpl16 [complement(82465..82473)], ndhB [complement(93795..94550)], ndhB [complement(95235..96011)], trnI [101077..101118], trnI [101982..102016], trnA [102085..102122], trnA [102936..102970], ndhA [complement(119128..119667)], ndhA [complement(120705..121256)], trnA [complement(133348..133382)], trnA [complement(134196..134233)], trnI [complement(134302..134336)], trnI [complement(135200..135241)], ndhB [140307..141083], ndhB [141768..142523]	trnH [complement(152331..0)], trnK [complement(1549..4039)], rps16 [complement(4952..5777)], atpF [complement(11394..12164)], rpoC1 [complement(21649..22392)], ycf3 [complement(42130..42880)], ycf3 [complement(43111..43855)], trnL [46613..47141], trnV [complement(51183..51779)], clpP [complement(70257..70846)], clpP [complement(71139..71964)], petB [74916..75686], petD [76535..77267], rpl16 [complement(81559..82464)], ndhB [complement(94551..95234)], trnI [101119..101981], trnA [102123..102935], ndhA [complement(119668..120704)], trnA [complement(133383..134195)], trnI [complement(134337..135199)], ndhB [141084..141767]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
1983.	LAJA	52	trnK-UUU [complement(1690..1718)], trnK-UUU [complement(4186..4222)], trnV-UAC [9284..9322], trnV-UAC [9900..9936], ycf2 [complement(13319..18529)], ycf2 [complement(18545..18994)], rpoC1 [complement(32983..34656)], rpoC1 [complement(35363..35797)], clpP [42398..42769], clpP [43361..43627], rps12 [44151..44267], rps12 [101862..102119], trnI-GAU [52205..52246], trnI-GAU [52928..52962], trnA-UGC [53028..53065], trnA-UGC [53874..53908], trnL-UAA [complement(58416..58465)], trnL-UAA [complement(58905..58941)], ycf3 [62194..62319], ycf3 [63053..63280], ycf3 [64015..64167], rpl2 [71424..71819], rpl2 [72518..72952], rpl16 [74730..74738], rpl16 [75558..75959], atpF [84020..84187], atpF [84873..85283], petD [complement(95618..96091)], petD [complement(96827..96835)], petB [complement(97031..97675)], petB [complement(98487..98492)], ndhB [102778..103500], ndhB [104207..104962], ndhA [112445..112981], ndhA [114229..114768]	trnK-UUU [complement(1719..4185)], trnV-UAC [9323..9899], ycf2 [complement(18530..18544)], rpoC1 [complement(34657..35362)], clpP [42770..43360], trnI-GAU [52247..52927], trnA-UGC [53066..53873], trnL-UAA [complement(58466..58904)], ycf3 [62320..63052], ycf3 [63281..64014], rpl2 [71820..72517], rpl16 [74739..75557], atpF [84188..84872], petD [complement(96092..96826)], petB [complement(97676..98486)], ndhB [103501..104206], ndhA [112982..114228]
1984.	LALI	52	trnK-UUU [complement(1689..1717)], trnK-UUU [complement(4184..4220)], trnV-UAC [9270..9308], trnV-UAC [9887..9923], ycf2 [complement(13310..18478)], ycf2 [complement(18494..18943)], rpoC1 [complement(32378..34051)], rpoC1 [complement(34758..35192)], clpP [41850..42221], clpP [42809..43069], rps12 [43394..43510], rps12 [101295..101552], trnI-GAU [51467..51508], trnI-GAU [52190..52224], trnA-UGC [52290..52327], trnA-UGC [53137..53171], trnL-UAA [complement(57632..57681)], trnL-UAA [complement(58117..58153)], ycf3 [61421..61546], ycf3 [62279..62506], ycf3 [63241..63393], rpl2 [70726..71118], rpl2 [71820..72254], rpl16 [74031..74039], rpl16 [74856..75257], atpF [83389..83556], atpF [84242..84652], petD [complement(95048..95521)], petD [complement(96257..96265)], petB [complement(96461..97102)], petB [complement(97915..97920)], ndhB [102211..102933], ndhB [103633..104388], ndhA [112017..112553], ndhA [113826..114365]	trnK-UUU [complement(1718..4183)], trnV-UAC [9309..9886], ycf2 [complement(18479..18493)], rpoC1 [complement(34052..34757)], clpP [42222..42808], trnI-GAU [51509..52189], trnA-UGC [52328..53136], trnL-UAA [complement(57682..58116)], ycf3 [61547..62278], ycf3 [62507..63240], rpl2 [71119..71819], rpl16 [74040..74855], atpF [83557..84241], petD [complement(95522..96256)], petB [complement(97103..97914)], ndhB [102934..103632], ndhA [112554..113825]
1985.	LALM	66	rps12 [complement(96857..96883)], rps12 [complement(97430..97660)], rps12 [complement(69732..69845)], trnK [complement(1509..1543)], trnK	trnK [complement(1544..4037)], rps16 [complement(5005..5841)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(4038..4074)], rps16 [complement(4778..5004)], rps16 [complement(5842..5881)], trnG [8232..8254], trnG [8990..9038], atpF [complement(11018..11427)], atpF [complement(12201..12345)], rpoC1 [complement(20083..21690)], rpoC1 [complement(22430..22861)], ycf3 [complement(41676..41828)], ycf3 [complement(42582..42811)], ycf3 [complement(43558..43681)], trnL [46280..46316], trnL [46844..46893], trnV [complement(50988..51024)], trnV [complement(51622..51659)], rps12 [138448..138675], rps12 [139225..139251], clpP [complement(70001..70228)], clpP [complement(70826..71117)], clpP [complement(71950..72020)], petB [74900..74905], petB [75670..76311], petD [76510..76517], petD [77243..77717], rpl16 [complement(81120..81518)], rpl16 [complement(82424..82432)], ndhB [complement(93795..94550)], ndhB [complement(95234..96010)], trnI [101057..101098], trnI [101991..102025], trnA [102089..102126], trnA [102817..102851], ndhA [complement(119024..119563)], ndhA [complement(120604..121155)], trnA [complement(133257..133291)], trnA [complement(133982..134019)], trnI [complement(134083..134117)], trnI [complement(135010..135051)], ndhB [140098..140874], ndhB [141558..142313]</p>	<p>[8255..8989], atpF [complement(11428..12200)], rpoC1 [complement(21691..22429)], ycf3 [complement(41829..42581)], ycf3 [complement(42812..43557)], trnL [46317..46843], trnV [complement(51025..51621)], clpP [complement(70229..70825)], clpP [complement(71118..71949)], petB [74906..75669], petD [76518..77242], rpl16 [complement(81519..82423)], ndhB [complement(94551..95233)], trnI [101099..101990], trnA [102127..102816], ndhA [complement(119564..120603)], trnA [complement(133292..133981)], trnI [complement(134118..135009)], ndhB [140875..141557]</p>
1986.	LAM U	28	<p>rps12 [complement(97692..97934)], rps12 [complement(69266..69379)], trnK-UUU [complement(1576..1605)], trnK-UUU [complement(4140..4176)], ycf3 [complement(42915..43144)], rps12 [138357..138599]</p>	<p>trnK-UUU [complement(1606..4139)], rps16 [complement(5202..6116)], rpoC1 [16454..17204], atpF [26942..27649], trnG-UCC [complement(30137..30880)], ycf3 [complement(42177..42914)], ycf3 [complement(43145..43835)], trnL-UAA [46952..47389], trnV-UAC [complement(51017..51588)], clpP [complement(69809..70413)], clpP [complement(70705..71517)], petB [74563..75349], petD [76188..76912], rpl2 [complement(84475..85145)], ndhB [complement(94873..95546)], trnI-GAU [101912..102721], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[102859..103678], ndhA [115981..117043], trnA-UGC [complement(132613..133432)], trnI-GAU [complement(133570..134379)], ndhB [140745..141418], rpl2 [151147..151817]
1987.	LANI	62	rps12 [complement(92283..92311)], rps12 [complement(92852..93083)], rps12 [complement(69358..69471)], trnK-UUU [complement(1371..1403)], trnK-UUU [complement(3894..3931)], rps16 [complement(4481..4698)], rps16 [complement(5534..5573)], trnG-UCC [complement(13341..13388)], trnG-UCC [complement(14081..14103)], atpF [34982..35140], atpF [35957..36364], ycf3 [complement(44158..44316)], ycf3 [complement(45044..45271)], ycf3 [complement(46009..46140)], trnL-UAA [48869..48903], trnL-UAA [49444..49493], trnV-UAC [complement(53086..53122)], trnV-UAC [complement(53725..53763)], petB [73225..73230], petB [73984..74631], petD [74821..74828], petD [75561..76035], rpl16 [complement(79563..79964)], rpl16 [complement(81029..81037)], rpl2 [complement(82999..83430)], rpl2 [complement(84094..84483)], ndhB [complement(89210..89965)], ndhB [complement(90678..91454)], trnI-GAU [96936..96977], trnI-GAU [97926..97960], trnA-UGC [98026..98063], trnA-UGC [98874..98908], ndhA [complement(114420..114959)], ndhA [complement(115982..116530)], trnA-UGC [complement(123939..123973)], trnA-UGC [complement(124784..124821)], trnI-GAU [complement(124887..124921)], trnI-GAU [complement(125870..125911)], ndhB [131393..132169], ndhB [132882..133637], rpl2 [138364..138753], rpl2 [139417..139848]	trnK-UUU [complement(1404..3893)], rps16 [complement(4699..5533)], trnG-UCC [complement(13389..14080)], atpF [35141..35956], ycf3 [complement(44317..45043)], ycf3 [complement(45272..46008)], trnL-UAA [48904..49443], trnV-UAC [complement(53123..53724)], petB [73231..73983], petD [74829..75560], rpl16 [complement(79965..81028)], rpl2 [complement(83431..84093)], ndhB [complement(89966..90677)], trnI-GAU [96978..97925], trnA-UGC [98064..98873], ndhA [complement(114960..115981)], trnA-UGC [complement(123974..124783)], trnI-GAU [complement(124922..125869)], ndhB [132170..132881], rpl2 [138754..139416]
1988.	LANO	70	rps12 [complement(100741..100767)], rps12 [complement(101304..101534)], rps12 [complement(73361..73474)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4312..4348)], rps16 [complement(5192..5421)], rps16 [complement(6270..6309)], trnG-UCC [10319..10342], trnG-UCC [11107..11154], atpF [complement(13049..13459)], atpF [complement(14190..14333)], rpoC1 [complement(21873..23494)], rpoC1 [complement(24214..24643)], ycf3 [complement(44745..44896)], ycf3 [complement(45651..45879)], ycf3 [complement(46615..46740)], trnL-UAA	trnK-UUU [complement(1798..4311)], rps16 [complement(5422..6269)], trnG-UCC [10343..11106], atpF [complement(13460..14189)], rpoC1 [complement(23495..24213)], ycf3 [complement(44897..45650)], ycf3 [complement(45880..46614)], trnL-UAA [49515..49993], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49480..49514], trnL-UAA [49994..50043], trnV-UAC [complement(54530..54566)], trnV-UAC [complement(55154..55192)], rps12 [complement(73361..73474)], rps12 [144598..144828], rps12 [145365..145391], clpP [complement(73621..73866)], clpP [complement(74520..74811)], clpP [complement(75585..75655)], petB [78533..78538], petB [79327..79968], petD [80167..80174], petD [80892..81372], rpl16 [complement(84810..85205)], rpl16 [complement(86183..86191)], rpl2 [complement(87918..88348)], rpl2 [complement(89027..89417)], ndhB [complement(97657..98412)], ndhB [complement(99115..99891)], trnI-GAU [105409..105450], trnI-GAU [106390..106424], trnA-UGC [106489..106526], trnA-UGC [107325..107359], ndhA [complement(124202..124741)], ndhA [complement(125856..126407)], trnA-UGC [complement(138773..138807)], trnA-UGC [complement(139606..139643)], trnI-GAU [complement(139708..139742)], trnI-GAU [complement(140682..140723)], ndhB [146241..147017], ndhB [147720..148475]	[complement(54567..55153)], clpP [complement(73867..74519)], clpP [complement(74812..75584)], petB [78539..79326], petD [80175..80891], rpl16 [complement(85206..86182)], rpl2 [complement(88349..89026)], ndhB [complement(98413..99114)], trnI-GAU [105451..106389], trnA-UGC [106527..107324], ndhA [complement(124742..125855)], trnA-UGC [complement(138808..139605)], trnI-GAU [complement(139743..140681)], ndhB [147018..147719]
1989.	LAOC	52	trnK-UUU [complement(1693..1721)], trnK-UUU [complement(4189..4225)], trnV-UAC [9278..9316], trnV-UAC [9894..9930], ycf2 [complement(13312..18480)], ycf2 [complement(18496..18945)], rpoC1 [complement(32648..34315)], rpoC1 [complement(35012..35446)], clpP [41428..41790], clpP [42367..42642], rps12 [42967..43092], rps12 [101345..101599], trnI-GAU [51164..51205], trnI-GAU [51891..51925], trnA-UGC [51991..52028], trnA-UGC [52837..52871], trnL-UAA [complement(57337..57386)], trnL-UAA [complement(57826..57862)], ycf3 [61195..61320], ycf3 [62048..62275], ycf3 [63009..63161], rpl2 [70542..70934], rpl2 [71636..72070], rpl16 [73922..73930], rpl16 [74748..75149], atpF [83340..83507], atpF [84193..84603], petD [complement(95100..95573)], petD [complement(96310..96318)], petB [complement(96514..97155)], petB [complement(97967..97972)], ndhB [102257..102979], ndhB [103682..104437], ndhA [112074..112637], ndhA [113868..114407]	trnK-UUU [complement(1722..4188)], trnV-UAC [9317..9893], ycf2 [complement(18481..18495)], rpoC1 [complement(34316..35011)], clpP [41791..42366], trnI-GAU [51206..51890], trnA-UGC [52029..52836], trnL-UAA [complement(57387..57825)], ycf3 [61321..62047], ycf3 [62276..63008], rpl2 [70935..71635], rpl16 [73931..74747], atpF [83508..84192], petD [complement(95574..96309)], petB [complement(97156..97966)], ndhB [102980..103681], ndhA [112638..113867]
1990.	LAOD	27	trnK-UUU [complement(1670..1698)], trnK-UUU [complement(4163..4199)],	trnK-UUU [complement(1699..4162)], trnV-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnV-UAC [9269..9307], trnV-UAC [9885..9921], trnL-UAA [complement(12829..12878)], trnL-UAA [complement(13314..13350)], trnI-GAU [50771..50812], trnI-GAU [51502..51536], trnA-UGC [51602..51639], trnA-UGC [52448..52482]	UAC [9308..9884], trnL-UAA [complement(12879..13313)], ycf3 [15541..16271], ycf3 [16500..17232], rpl2 [24501..25208], rpl16 [27246..28129], ndhB [29930..30632], ndhA [39911..41132], trnI-GAU [50813..51501], trnA-UGC [51640..52447], ycf2 [complement(62478..62492)], atpF [complement(82023..82713)], rpoC1 [complement(92164..92939)], clpP [100434..101044], petB [109106..109911], petD [110762..111493]
1991.	LAOI	35	rpoC1 [6139..6569], rpoC1 [7230..8889], atpF [15944..16088], atpF [16861..17270], petB [23968..23972], petB [24767..25409], petD [25624..25630], petD [26342..26871], rpl2 [complement(33026..33457)], rpl2 [complement(34140..34541)], trnL [complement(37643..37692)], trnL [complement(38169..38203)], ycf3 [40704..40826], ycf3 [41548..41776], ycf3 [42492..42646], trnI [55657..55693], trnI [56688..56722], trnA [56802..56839], trnA [57615..57649], trnK [complement(93432..93466)], trnK [complement(95980..96016)], trnV [complement(102932..102966)], trnV [complement(103510..103548)]	rpoC1 [6570..7229], atpF [16089..16860], petB [23973..24766], petD [25631..26341], rpl2 [complement(33458..34139)], trnL [complement(37693..38168)], ycf3 [40827..41547], ycf3 [41777..42491], trnI [55694..56687], trnA [56840..57614], trnK [complement(93467..95979)], trnV [complement(102967..103509)]
1992.	LAPA	52	trnK-UUU [complement(1691..1719)], trnK-UUU [complement(4187..4223)], trnV-UAC [9265..9303], trnV-UAC [9882..9918], ycf2 [complement(13304..18472)], ycf2 [complement(18488..18937)], atpF [complement(39798..40208)], atpF [complement(40894..41061)], rpl16 [complement(49180..49578)], rpl16 [complement(50391..50399)], rpl2 [complement(52172..52606)], rpl2 [complement(53308..53700)], ycf3 [complement(61084..61236)], ycf3 [complement(61971..62198)], ycf3 [complement(62922..63047)], trnL-UAA [66253..66289], trnL-UAA [66729..66778], trnA-UGC [complement(71278..71312)], trnA-UGC [complement(72121..72158)], trnI-GAU [complement(72224..72258)], trnI-GAU [complement(72941..72982)], rps12 [complement(80863..80976)], rps12	trnK-UUU [complement(1720..4186)], trnV-UAC [9304..9881], ycf2 [complement(18473..18487)], atpF [complement(40209..40893)], rpl16 [complement(49579..50390)], rpl2 [complement(52607..53307)], ycf3 [complement(61237..61970)], ycf3 [complement(62199..62921)], trnL-UAA [66290..66728], trnA-UGC [complement(71313..72120)], trnI-GAU [complement(72259..72940)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101646..101903], clpP [complement(81197..81457)], clpP [complement(82051..82413)], rpoC1 [89093..89527], rpoC1 [90237..91931], petD [complement(95402..95875)], petD [complement(96612..96620)], petB [complement(96816..97457)], petB [complement(98271..98276)], ndhB [102561..103283], ndhB [103990..104745], ndhA [112455..112991], ndhA [114253..114792]	[complement(81458..82050)], rpoC1 [89528..90236], petD [complement(95876..96611)], petB [complement(97458..98270)], ndhB [103284..103989], ndhA [112992..114252]
1993.	LAPU	52	trnK-UUU [complement(1693..1721)], trnK-UUU [complement(4192..4228)], trnV-UAC [9268..9306], trnV-UAC [9876..9912], ycf2 [complement(13311..13946)], ycf2 [complement(14022..19112)], atpF [complement(40499..40909)], atpF [complement(41597..41764)], rpoC1 [complement(49394..51070)], rpoC1 [complement(51776..52210)], clpP [58817..59179], clpP [59784..60044], rps12 [60475..60591], rps12 [102900..103154], trnI-GAU [68453..68494], trnI-GAU [69177..69211], trnA-UGC [69277..69314], trnA-UGC [70122..70156], trnL-UAA [complement(74611..74660)], trnL-UAA [complement(75100..75136)], ycf3 [77808..77933], ycf3 [78665..78892], ycf3 [79627..79779], rpl2 [87844..88236], rpl2 [88933..89367], rpl16 [91107..91115], rpl16 [92052..92444], petD [complement(96675..97148)], petD [complement(97888..97896)], petB [complement(98092..98733)], petB [complement(99531..99536)], ndhB [103812..104534], ndhB [105228..105983], ndhA [114673..115209], ndhA [116457..116996]	trnK-UUU [complement(1722..4191)], trnV-UAC [9307..9875], ycf2 [complement(13947..14021)], atpF [complement(40910..41596)], rpoC1 [complement(51071..51775)], clpP [59180..59783], trnI-GAU [68495..69176], trnA-UGC [69315..70121], trnL-UAA [complement(74661..75099)], ycf3 [77934..78664], ycf3 [78893..79626], rpl2 [88237..88932], rpl16 [91116..92051], petD [complement(97149..97887)], petB [complement(98734..99530)], ndhB [104535..105227], ndhA [115210..116456]
1994.	LARA	49	rps12 [complement(101195..101437)], rps12 [complement(72278..72391)], trnK-UUU [complement(1884..1918)], trnK-UUU [complement(4459..4495)], rps16 [complement(5065..5276)], rps16 [complement(6146..6185)], trnG-UCC [9643..9665], trnG-UCC [10416..10463], trnL-UAA [50154..50188], trnL-UAA [50713..50762], trnV-UAC [complement(53776..53812)], trnV-UAC [complement(54418..54455)], rps12 [143806..144048], petD [79101..79108], rpl2 [complement(87019..87452)], rpl2 [complement(88116..88506)], trnI-GAU [105344..105385], trnI-GAU [106330..106364], trnA-UGC [106433..106470], trnA-UGC [107277..107311], trnA-UGC [complement(137932..137966)], trnA-UGC [complement(138773..138810)], trnI-GAU [complement(138879..138913)], trnI-GAU	trnK-UUU [complement(1919..4458)], rps16 [complement(5277..6145)], trnG-UCC [9666..10415], atpF [complement(13039..13812)], rpoC1 [complement(23707..24465)], ycf3 [complement(45456..46251)], ycf3 [complement(46482..47265)], trnL-UAA [50189..50712], trnV-UAC [complement(53813..54417)], clpP [complement(72794..73366)], clpP [complement(73658..74542)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(139858..139899)], rpl2 [156737..157127], rpl2 [157791..158224]	[77477..78253], petD [79109..79856], rpl16 [complement(84230..85244)], rpl2 [complement(87453..88115)], ndhB [complement(98337..99011)], trnI-GAU [105386..106329], trnA-UGC [106471..107276], ndhA [complement(124052..125098)], trnA-UGC [complement(137967..138772)], trnI-GAU [complement(138914..139857)], ndhB [146232..146906], rpl2 [157128..157790]
1995.	LASA	59	rps12 [complement(97798..98040)], rps12 [complement(69592..69705)], rps16 [complement(5188..5414)], rps16 [complement(6263..6302)], rpoC1 [16228..16656], rpoC1 [17390..19030], atpF [26946..27089], atpF [27807..28217], trnG [complement(30210..30256)], trnG [complement(30967..30989)], trnL [47000..47034], trnL [47477..47526], trnV [complement(51289..51323)], trnV [complement(51904..51941)], rps12 [138829..139071], clpP [complement(69872..70099)], clpP [complement(70733..71024)], clpP [complement(71833..71903)], petB [74837..74842], petB [75613..76254], rpl16 [complement(81120..81518)], rpl16 [complement(82541..82549)], rpl2 [complement(84221..84655)], rpl2 [complement(85321..85710)], ndhB [complement(94236..94991)], ndhB [complement(95661..96437)], trnI [101979..102016], trnI [102964..102998], trnA [103063..103100], trnA [103915..103949], ndhA [complement(118937..119475)], ndhA [complement(120529..121081)], trnA [complement(132920..132954)], trnA [complement(133769..133806)], trnI [complement(133871..133905)], trnI [complement(134853..134890)], ndhB [140432..141208], ndhB [141878..142633], rpl2 [151159..151549], rpl2 [152215..152648]	rps16 [complement(5415..6262)], rpoC1 [16657..17389], atpF [27090..27806], trnG [complement(30257..30966)], trnL [47035..47476], trnV [complement(51324..51903)], clpP [complement(70100..70732)], clpP [complement(71025..71832)], petB [74843..75612], rpl16 [complement(81519..82540)], rpl2 [complement(84656..85320)], ndhB [complement(94992..95660)], trnI [102017..102963], trnA [103101..103914], ndhA [complement(119476..120528)], trnA [complement(132955..133768)], trnI [complement(133906..134852)], ndhB [141209..141877], rpl2 [151550..152214]
1996.	LASB	41	rpoC1 [6143..6573], rpoC1 [7234..8893], atpF [15924..16068], atpF [16840..17249], petB [23947..23951], petB [24746..25388], petD [25603..25609], petD [26322..26851], rpl16 [complement(30211..30607)], rpl16 [complement(31472..31479)], rpl2 [complement(33004..33435)], rpl2	rpoC1 [6574..7233], atpF [16069..16839], petB [23952..24745], petD [25610..26321], rpl16 [complement(30608..31471)], rpl2 [complement(33436..34117)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(34118..34519)], trnL [complement(37677..37726)], trnL [complement(38203..38237)], ycf3 [40739..40861], ycf3 [41583..41811], ycf3 [42527..42681], trnI [55694..55730], trnI [56725..56759], trnA [56839..56876], trnA [57652..57686], rps12 [complement(120668..120780)], rps12 [80681..80914], rps12 [81458..81482], trnK [complement(93413..93447)], trnK [complement(95961..95997)], trnV [complement(102914..102948)], trnV [complement(103492..103530)]	[complement(37727..38202)], ycf3 [40862..41582], ycf3 [41812..42526], trnI [55731..56724], trnA [56877..57651], trnK [complement(93448..95960)], trnV [complement(102949..103491)]
1997.	LASE	2	rps12 [complement(66217..66330)], rps12 [116030..116070]	-
1998.	LASI	61	rps12 [complement(100538..100564)], rps12 [complement(101105..101335)], rps12 [complement(72064..72177)], trnK-UUU [complement(1625..1659)], trnK-UUU [complement(4163..4199)], trnG-UCC [9743..9764], trnG-UCC [10446..10496], atpF [complement(12949..13358)], atpF [complement(14130..14277)], rpoC1 [complement(22017..23627)], rpoC1 [complement(24373..24807)], ycf3 [complement(44620..44772)], ycf3 [complement(45515..45744)], ycf3 [complement(46520..46649)], trnL-UAA [49741..49777], trnL-UAA [50112..50161], trnV-UAC [complement(53715..53751)], trnV-UAC [complement(54357..54394)], rps12 [complement(72064..72177)], rps12 [142564..142884], rps12 [143425..143451], clpP [complement(72391..72618)], clpP [complement(73218..73511)], clpP [complement(74346..74414)], rpl2 [complement(86908..87377)], rpl2 [complement(88004..88397)], ndhB [complement(97465..98220)], ndhB [complement(98907..99683)], trnI-GAU [105088..105129], trnI-GAU [105941..105975], trnA-UGC [106048..106085], trnA-UGC [106888..106922], ndhA [complement(122463..123001)], ndhA [complement(124129..124684)], trnA-UGC [complement(137067..137101)], trnA-UGC [complement(137904..137941)], trnI-GAU [complement(138014..138048)], trnI-GAU [complement(138860..138901)], ndhB [144306..145082], ndhB [145769..146524], rpl2 [155592..155982], rpl2 [156612..157081]	trnK-UUU [complement(1660..4162)], trnG-UCC [9765..10445], atpF [complement(13359..14129)], rpoC1 [complement(23628..24372)], ycf3 [complement(44773..45514)], ycf3 [complement(45745..46519)], trnL-UAA [49778..50111], trnV-UAC [complement(53752..54356)], clpP [complement(72619..73217)], clpP [complement(73512..74345)], rpl2 [complement(87378..88003)], ndhB [complement(98221..98906)], trnI-GAU [105130..105940], trnA-UGC [106086..106887], ndhA [complement(123002..124128)], trnA-UGC [complement(137102..137903)], trnI-GAU [complement(138049..138859)], ndhB [145083..145768], rpl2 [155983..156611]
1999.	LASM	66	rps12 [complement(97048..97074)], rps12 [complement(97621..97851)], rps12 [complement(69940..70053)], trnK [complement(1525..1559)], trnK [complement(4051..4082)], rps16 [complement(4740..4966)], rps16	trnK [complement(1560..4050)], rps16 [complement(4967..5792)], trnG [8209..8944], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5793..5832)], trnG [8186..8208], trnG [8945..8993], atpF [complement(10984..11393)], atpF [complement(12165..12309)], rpoC1 [complement(20044..21651)], rpoC1 [complement(22396..22827)], ycf3 [complement(42017..42169)], ycf3 [complement(42921..43150)], ycf3 [complement(43896..44019)], trnL [46616..46652], trnL [47182..47231], trnV [complement(51327..51363)], trnV [complement(51961..51998)], rps12 [138835..139065], rps12 [139612..139638], clpP [complement(70209..70436)], clpP [complement(71027..71318)], clpP [complement(72145..72215)], petB [75091..75096], petB [75871..76512], petD [76711..76718], petD [77452..77926], rpl16 [complement(81334..81732)], rpl16 [complement(82637..82645)], ndhB [complement(93985..94740)], ndhB [complement(95425..96201)], trnI [101267..101308], trnI [102172..102206], trnA [102275..102312], trnA [103126..103160], ndhA [complement(119304..119843)], ndhA [complement(120883..121434)], trnA [complement(133526..133560)], trnA [complement(134374..134411)], trnI [complement(134480..134514)], trnI [complement(135378..135419)], ndhB [140485..141261], ndhB [141946..142701]	[complement(11394..12164)], rpoC1 [complement(21652..22395)], ycf3 [complement(42170..42920)], ycf3 [complement(43151..43895)], trnL [46653..47181], trnV [complement(51364..51960)], clpP [complement(70437..71026)], clpP [complement(71319..72144)], petB [75097..75870], petD [76719..77451], rpl16 [complement(81733..82636)], ndhB [complement(94741..95424)], trnI [101309..102171], trnA [102313..103125], ndhA [complement(119844..120882)], trnA [complement(133561..134373)], trnI [complement(134515..135377)], ndhB [141262..141945]
2000.	LASO	28	rps12 [complement(97503..97745)], rps12 [complement(69210..69323)], trnK-UUU [complement(1565..1594)], trnK-UUU [complement(4128..4164)], ycf3 [complement(43289..43518)], rps12 [137882..138124]	trnK-UUU [complement(1595..4127)], rps16 [complement(5179..6074)], rpoC1 [16311..17059], atpF [26793..27503], trnG-UCC [complement(29993..30725)], ycf3 [complement(42550..43288)], ycf3 [complement(43519..44209)], trnL-UAA [47230..47667], trnV-UAC [complement(51207..51779)], clpP [complement(69753..70368)], clpP [complement(70660..71472)], petB [74512..75248], petD [76087..76809], rpl2 [complement(84278..84946)], ndhB [complement(94684..95357)], trnI-GAU [101729..102503], trnA-UGC [102641..103459], ndhA [115755..116813],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnA-UGC [complement(132168..132986)], trnI-GAU [complement(133124..133898)], ndhB [140270..140943], rpl2 [150682..151350]
2001.	LASP	63	rps12 [complement(96915..96941)], rps12 [complement(97488..97718)], rps12 [complement(69827..69940)], trnK [complement(1525..1559)], trnK [complement(4051..4087)], rps16 [complement(4740..4966)], rps16 [complement(5793..5832)], atpF [complement(11012..11421)], atpF [complement(12195..12339)], rpoC1 [complement(20069..21676)], rpoC1 [complement(22421..22873)], ycf3 [complement(41955..42107)], ycf3 [complement(42859..43088)], ycf3 [complement(43834..43957)], trnL [46552..46588], trnL [47118..47167], trnV [complement(51258..51294)], trnV [complement(51892..51929)], rps12 [138810..139040], rps12 [139587..139613], clpP [complement(70096..70323)], clpP [complement(70914..71205)], clpP [complement(72032..72102)], petB [74977..74982], petB [75755..76396], petD [76595..76602], petD [77336..77810], rpl16 [complement(81218..81616)], rpl16 [complement(82522..82530)], ndhB [complement(93852..94607)], ndhB [complement(95292..96068)], trnI [101134..101175], trnI [102127..102161], trnA [102230..102267], trnA [103081..103115], ndhA [complement(119284..119823)], ndhA [complement(120864..121415)], trnA [complement(133501..133535)], trnA [complement(134349..134386)], trnI [complement(134455..134489)], trnI [complement(135353..135394)], ndhB [140460..141236], ndhB [141921..142676]	trnK [complement(1560..4050)], rps16 [complement(4967..5792)], atpF [complement(11422..12194)], rpoC1 [complement(21677..22420)], ycf3 [complement(42108..42858)], ycf3 [complement(43089..43833)], trnL [46589..47117], trnV [complement(51295..51891)], clpP [complement(70324..70913)], clpP [complement(71206..72031)], petB [74983..75754], petD [76603..77335], rpl16 [complement(81617..82521)], ndhB [complement(94608..95291)], trnI [101176..102126], trnA [102268..103080], ndhA [complement(119824..120863)], trnA [complement(133536..134348)], trnI [complement(134490..135352)], ndhB [141237..141920]
2002.	LASQ	53	trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4171..4207)], rps16 [complement(5079..5301)], rps16 [complement(6134..6177)], trnG-UCC [9219..9241], trnG-UCC [9904..9950], atpF [complement(11921..12328)], atpF [complement(13019..13162)], rpoC1 [complement(20953..22548)], rpoC1 [complement(23330..23761)], ycf3 [complement(41520..41674)], ycf3 [complement(42382..42608)], ycf3 [complement(43308..43432)], trnL-UAA [46290..46326], trnL-UAA [46791..46838], trnV-UAC [complement(50551..50587)], trnV-UAC [complement(51165..51202)], rps12	trnK-UUU [complement(1730..4170)], rps16 [complement(5302..6133)], trnG-UCC [9242..9903], atpF [complement(12329..13018)], rpoC1 [complement(22549..23329)], ycf3 [complement(41675..42381)], ycf3 [complement(42609..43307)], trnL-UAA [46327..46790], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[137205..137230], clpP [complement(68168..68395)], clpP [complement(69013..69310)], clpP [complement(70056..70126)], rpl16 [complement(79106..79513)], rpl16 [complement(80392..80400)], rpl2 [complement(82078..82511)], rpl2 [complement(83173..83563)], trnI-GAU [99683..99724], trnI-GAU [100668..100702], trnA-UGC [100767..100804], trnA-UGC [101610..101644], trnA-UGC [complement(130842..130876)], trnA-UGC [complement(131682..131719)], trnI-GAU [complement(131784..131818)], trnI-GAU [complement(132762..132803)], rpl2 [148923..149313], rpl2 [149975..150408]	[complement(50588..51164)], clpP [complement(68396..69012)], clpP [complement(69311..70055)], rpl16 [complement(79514..80391)], rpl2 [complement(82512..83172)], trnI-GAU [99725..100667], trnA-UGC [100805..101609], trnA-UGC [complement(130877..131681)], trnI-GAU [complement(131819..132761)], rpl2 [149314..149974]
2003.	LAST	17	-	trnK-UUU [complement(1708..4170)], trnV-UAC [9209..9786], trnL-UAA [complement(12555..12996)], ycf3 [15958..16675], ycf3 [16906..17639], rpl2 [24576..25272], rpl16 [27275..28135], petD [complement(33325..34056)], petB [complement(34902..35705)], clpP [complement(43706..44303)], rpoC1 [51841..52619], atpF [62118..62806], trnG-UCC [complement(65334..66002)], trnA-UGC [complement(93118..93934)], trnI-GAU [complement(94073..94768)], ndhA [complement(104536..105770)], ndhB [complement(114954..115659)]
2004.	LASU	66	rps12 [complement(96777..96802)], rps12 [complement(97349..97580)], rps12 [complement(69676..69789)], trnK-UGG [complement(1505..1540)], trnK-UGG [complement(4035..4071)], rps16 [complement(4773..5002)], rps16 [complement(5837..5876)], trnG-GCC [8232..8255], trnG-GCC [8983..9029], atpF [complement(11011..11421)], atpF [complement(12195..12338)], rpoC1 [complement(20066..21675)], rpoC1 [complement(22415..22844)], ycf3 [complement(41627..41778)], ycf3 [complement(42531..42759)], ycf3 [complement(43506..43631)], trnL-UAA [46230..46266], trnL-UAA	trnK-UGG [complement(1541..4034)], rps16 [complement(5003..5836)], trnG-GCC [8256..8982], atpF [complement(11422..12194)], rpoC1 [complement(21676..22414)], ycf3 [complement(41779..42530)], ycf3 [complement(42760..43505)], trnL-UAA [46267..46793], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[46794..46843], trnV-UAC [complement(50936..50972)], trnV-UAC [complement(51570..51607)], rps12 [138360..138590], rps12 [139138..139167], clpP [complement(69945..70172)], clpP [complement(70763..71054)], clpP [complement(71887..71957)], petB [74837..74842], petB [75609..76250], petD [76449..76456], petD [77176..77656], rpl16 [complement(81059..81457)], rpl16 [complement(82363..82371)], ndhB [complement(93714..94469)], ndhB [complement(95154..95930)], trnI-GAU [100971..101012], trnI-GAU [101905..101939], trnA-UGC [102003..102040], trnA-UGC [102724..102765], ndhA [complement(118936..119475)], ndhA [complement(120516..121067)], trnA-UGC [complement(133175..133216)], trnA-UGC [complement(133900..133937)], trnI-GAU [complement(134001..134035)], trnI-GAU [complement(134928..134969)], ndhB [140010..140786], ndhB [141471..142226]	[complement(50973..51569)], clpP [complement(70173..70762)], clpP [complement(71055..71886)], petB [74843..75608], petD [76457..77175], rpl16 [complement(81458..82362)], ndhB [complement(94470..95153)], trnI-GAU [101013..101904], trnA-UGC [102041..102723], ndhA [complement(119476..120515)], trnA-UGC [complement(133217..133899)], trnI-GAU [complement(134036..134927)], ndhB [140787..141470]
2005.	LATB	46	rps12 [complement(97806..97831)], rps12 [complement(98368..98599)], rps12 [complement(70364..70477)], rps16 [complement(4477..4702)], rps16 [complement(5580..5620)], atpF [complement(11513..11983)], atpF [complement(12617..12766)], rpoC1 [complement(20613..22232)], rpoC1 [complement(23038..23472)], ycf3 [complement(42564..42713)], ycf3 [complement(43413..43647)], ycf3 [complement(44345..44478)], clpP [complement(70621..70848)], clpP [complement(71462..71753)], clpP [complement(72480..72550)], petB [75439..75444], petB [76180..76821], petD [77027..77035], petD [77720..78193], rpl16 [complement(81560..81958)], rpl16 [complement(82844..82852)], rpl2 [complement(84516..84985)], rpl2 [complement(85605..85998)], ndhB [complement(94799..95554)], ndhB [complement(96141..97010)], ndhA [complement(119327..119844)], ndhA [complement(120942..121494)], ndhB [141057..141923], ndhB [142513..143268], rpl2 [152069..152459], rpl2 [153082..153551]	rps16 [complement(4703..5579)], atpF [complement(11984..12616)], rpoC1 [complement(22233..23037)], ycf3 [complement(42714..43412)], ycf3 [complement(43648..44344)], clpP [complement(70849..71461)], clpP [complement(71754..72479)], petB [75445..76179], petD [77036..77719], rpl16 [complement(81959..82843)], rpl2 [complement(84986..85604)], ndhB [complement(95555..96140)], ndhA [complement(119845..120941)], ndhB [141924..142512], rpl2 [152460..153081]
2006.	LATI	27	trnK-UUU [complement(1695..1723)], trnK-UUU [complement(4195..4231)], trnV-UAC [9249..9287], trnV-UAC [9863..9899], trnL-UAA [complement(12852..12901)], trnL-UAA [complement(13309..13346)], trnI-GAU [52304..52345], trnI-GAU [53029..53063], trnA-UGC [53129..53166],	trnK-UUU [complement(1724..4194)], trnV-UAC [9288..9862], trnL-UAA [complement(12902..13308)], ycf3 [16283..17025], ycf3 [17254..18005], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [53978..54012], rpoC1 [complement(95492..95926)]	[25897..26598], rpl16 [28703..29803], ndhB [31580..32285], ndhA [41312..42542], trnI-GAU [52346..53028], trnA-UGC [53167..53977], atpF [complement(84561..85221)], rpoC1 [complement(94731..95491)], clpP [102971..103540], petB [111609..112417], petD [113264..113985]
2007.	LATO	66	rps12 [complement(96894..96920)], rps12 [complement(97467..97697)], rps12 [complement(69790..69903)], trnK [complement(1514..1548)], trnK [complement(4035..4071)], rps16 [complement(4719..4945)], rps16 [complement(5772..5811)], trnG [8081..8103], trnG [8839..8887], atpF [complement(10902..11311)], atpF [complement(12080..12224)], rpoC1 [complement(19945..21552)], rpoC1 [complement(22297..22728)], ycf3 [complement(41742..41894)], ycf3 [complement(42646..42875)], ycf3 [complement(43621..43744)], trnL [46343..46379], trnL [46907..46956], trnV [complement(51049..51085)], trnV [complement(51683..51720)], rps12 [138611..138841], rps12 [139388..139414], clpP [complement(70065..70292)], clpP [complement(70883..71174)], clpP [complement(72008..72078)], petB [74954..74959], petB [75732..76373], petD [76571..76578], petD [77311..77785], rpl16 [complement(81197..81595)], rpl16 [complement(82487..82489)], ndhB [complement(93832..94587)], ndhB [complement(95271..96047)], trnI [101111..101152], trnI [102010..102044], trnA [102113..102150], trnA [102968..103002], ndhA [complement(119076..119615)], ndhA [complement(120655..121206)], trnA [complement(133306..133340)], trnA [complement(134158..134195)], trnI [complement(134264..134298)], trnI [complement(135156..135197)], ndhB [140261..141037], ndhB [141721..142476]	trnK [complement(1549..4034)], rps16 [complement(4946..5771)], trnG [8104..8838], atpF [complement(11312..12079)], rpoC1 [complement(21553..22296)], ycf3 [complement(41895..42645)], ycf3 [complement(42876..43620)], trnL [46380..46906], trnV [complement(51086..51682)], clpP [complement(70293..70882)], clpP [complement(71175..72007)], petB [74960..75731], petD [76579..77310], rpl16 [complement(81596..82486)], ndhB [complement(94588..95270)], trnI [101153..102009], trnA [102151..102967], ndhA [complement(119616..120654)], trnA [complement(133341..134157)], trnI [complement(134299..135155)], ndhB [141038..141720]
2008.	LATR	63	rps12 [complement(88837..88862)], rps12 [complement(89400..89631)], rps12 [complement(66856..66969)], trnK-UUU [complement(1762..1796)], trnK-UUU [complement(4372..4408)], atpF [complement(10413..10823)], atpF [complement(11545..11709)], rpoC1 [complement(19265..20890)], rpoC1	trnK-UUU [complement(1797..4371)], atpF [complement(10824..11544)], rpoC1 [complement(20891..21636)], ycf3 [complement(41295..42106)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21637..22065)], ycf3 [complement(41139..41294)], ycf3 [complement(42107..42334)], ycf3 [complement(43076..43201)], trnL-UAA [45763..45799], trnL-UAA [46326..46375], trnV-UAC [complement(49641..49677)], trnV-UAC [complement(50263..50300)], rps12 [128100..128331], rps12 [128869..128894], clpP [complement(67106..67333)], clpP [complement(67928..68236)], clpP [complement(69068..69136)], petB [72065..72070], petB [72789..73436], petD [73666..73673], petD [74400..74874], rpl2 [complement(81582..82016)], rpl2 [complement(82679..83074)], ndhB [complement(85774..86530)], ndhB [complement(87208..87929)], trnI-GAU [93313..93354], trnI-GAU [94134..94168], trnA-UGC [94232..94269], trnA-UGC [95002..95036], ndhA [complement(110267..110806)], ndhA [complement(112164..112715)], trnA-UGC [complement(122695..122729)], trnA-UGC [complement(123462..123499)], trnI-GAU [complement(123563..123597)], trnI-GAU [complement(124377..124418)], ndhB [129802..130524], ndhB [131202..131957], rpl2 [134657..135052], rpl2 [135715..136149]	[complement(42335..43075)], trnL-UAA [45800..46325], trnV-UAC [complement(49678..50262)], clpP [complement(67334..67927)], clpP [complement(68237..69067)], petB [72071..72788], petD [73674..74399], rpl2 [complement(82017..82678)], ndhB [complement(86531..87207)], trnI-GAU [93355..94133], trnA-UGC [94270..95001], ndhA [complement(110807..112163)], trnA-UGC [complement(122730..123461)], trnI-GAU [complement(123598..124376)], ndhB [130525..131201], rpl2 [135053..135714]
2009.	LAVE	52	trnK-UUU [complement(1692..1720)], trnK-UUU [complement(4184..4220)], trnV-UAC [9270..9308], trnV-UAC [9887..9923], ycf2 [complement(13305..18521)], ycf2 [complement(18537..18986)], rpoC1 [complement(33322..34971)], rpoC1 [complement(35674..36108)], clpP [42769..43131], clpP [43731..43991], rps12 [44316..44441], rps12 [102773..103030], trnI-GAU [52530..52571], trnI-GAU [53253..53287], trnA-UGC [53353..53390], trnA-UGC [54199..54233], trnL-UAA [complement(58815..58864)], trnL-UAA [complement(59304..59340)], ycf3 [62647..62772], ycf3 [63500..63727], ycf3 [64461..64613], rpl2 [72048..72440], rpl2 [73146..73580], rpl16 [75354..75362], rpl16 [76184..76582], atpF [84729..84896], atpF [85583..85993], petD [complement(96528..96998)], petD [complement(97739..97747)], petB [complement(97943..98584)], petB [complement(99398..99403)], ndhB [103892..104419], ndhB [105122..105877], ndhA [113619..114155], ndhA [115413..115952]	trnK-UUU [complement(1721..4183)], trnV-UAC [9309..9886], ycf2 [complement(18522..18536)], rpoC1 [complement(34972..35673)], clpP [43132..43730], trnI-GAU [52572..53252], trnA-UGC [53391..54198], trnL-UAA [complement(58865..59303)], ycf3 [62773..63499], ycf3 [63728..64460], rpl2 [72441..73145], rpl16 [75363..76183], atpF [84897..85582], petD [complement(96999..97738)], petB [complement(98585..99397)], ndhB [104420..105121], ndhA [114156..115412]
2010.	LAVI	73	rps12 [complement(103047..103073)], rps12 [complement(103619..103849)],	trnK [complement(2033..4553)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(74605..74718)], trnK [complement(1998..2032)], trnK [complement(4554..4590)], rps16 [complement(5450..5676)], rps16 [complement(6541..6580)], trnG [10342..10364], trnG [11092..11140], atpF [complement(13660..14069)], atpF [complement(14815..14959)], rpoC1 [complement(23105..24721)], rpoC1 [complement(25499..25930)], ycf3 [complement(46423..46575)], ycf3 [complement(47355..47582)], ycf3 [complement(48343..48468)], trnL [51408..51444], trnL [51968..52017], trnV [complement(56190..56226)], trnV [complement(56830..56867)], rps12 [complement(74605..74718)], rps12 [145617..145847], rps12 [146393..146419], clpP [complement(74903..75130)], clpP [complement(75699..75990)], clpP [complement(76890..76960)], petB [79820..79825], petB [80614..81255], petD [81461..81469], petD [82231..82704], rpl16 [complement(86203..86601)], rpl16 [complement(87627..87635)], rpl2 [complement(89387..89821)], rpl2 [complement(90485..90874)], ndhB [complement(99993..100748)], ndhB [complement(101424..102200)], trnI [107765..107806], trnI [108743..108777], trnA [108846..108883], trnA [109688..109722], ndhA [complement(125421..125960)], ndhA [complement(127003..127554)], trnA [complement(139744..139778)], trnA [complement(140583..140620)], trnI [complement(140689..140723)], trnI [complement(141660..141701)], ndhB [147266..148042], ndhB [148718..149473], rpl2 [158592..158981], rpl2 [159645..160079]</p>	<p>[complement(5677..6540)], trnG [10365..11091], atpF [complement(14070..14814)], rpoC1 [complement(24722..25498)], ycf3 [complement(46576..47354)], ycf3 [complement(47583..48342)], trnL [51445..51967], trnV [complement(56227..56829)], clpP [complement(75131..75698)], clpP [complement(75991..76889)], petB [79826..80613], petD [81470..82230], rpl16 [complement(86602..87626)], rpl2 [complement(89822..90484)], ndhB [complement(100749..101423)], trnI [107807..108742], trnA [108884..109687], ndhA [complement(125961..127002)], trnA [complement(139779..140582)], trnI [complement(140724..141659)], ndhB [148043..148717], rpl2 [158982..159644]</p>
2011.	LAVN	66	<p>rps12 [complement(97076..97102)], rps12 [complement(97649..97879)], rps12 [complement(69970..70083)], trnK [complement(1525..1559)], trnK [complement(4051..4087)], rps16 [complement(4739..4965)], rps16 [complement(5792..5831)], trnG [8218..8240], trnG [8977..9025], atpF [complement(11016..11425)], atpF [complement(12197..12341)], rpoC1 [complement(20074..21681)], rpoC1 [complement(22426..22857)], ycf3 [complement(42047..42199)], ycf3 [complement(42951..43180)], ycf3 [complement(43926..44049)], trnL [46646..46682], trnL [47212..47261], trnV [complement(51357..51393)], trnV [complement(51991..52028)], rps12 [138837..139067], rps12 [139614..139640], clpP [complement(70239..70466)],</p>	<p>trnK [complement(1560..4050)], rps16 [complement(4966..5791)], trnG [8241..8976], atpF [complement(11426..12196)], rpoC1 [complement(21682..22425)], ycf3 [complement(42200..42950)], ycf3 [complement(43181..43925)], trnL [46683..47211], trnV [complement(51394..51990)], clpP [complement(70467..71056)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			clpP [complement(71057..71348)], clpP [complement(72175..72245)], petB [75120..75125], petB [75898..76539], petD [76738..76745], petD [77479..77953], rpl16 [complement(81361..81759)], rpl16 [complement(82665..82673)], ndhB [complement(94013..94768)], ndhB [complement(95453..96229)], trnI [101295..101336], trnI [102200..102234], trnA [102303..102340], trnA [103154..103188], ndhA [complement(119306..119845)], ndhA [complement(120885..121436)], trnA [complement(133528..133562)], trnA [complement(134376..134413)], trnI [complement(134482..134516)], trnI [complement(135380..135421)], ndhB [140487..141263], ndhB [141948..142703]	[complement(71349..72174)], petB [75126..75897], petD [76746..77478], rpl16 [complement(81760..82664)], ndhB [complement(94769..95452)], trnI [101337..102199], trnA [102341..103153], ndhA [complement(119846..120884)], trnA [complement(133563..134375)], trnI [complement(134517..135379)], ndhB [141264..141947]
2012.	LEAR	24	rps12 [143512..143537]	trnK-UUU [complement(2145..4625)], rps16 [complement(5884..6764)], trnG-UCC [9527..10225], atpF [complement(12648..13378)], rpoC1 [complement(23126..23864)], ycf3 [complement(44187..44947)], ycf3 [complement(45178..45903)], trnL-UAA [49322..49811], trnV-UAC [complement(54136..54741)], clpP [complement(71954..72637)], clpP [complement(72929..73680)], petB [76621..77443], petD [78298..79010], rpl16 [complement(83379..84473)], rpl2 [complement(86644..87304)], ndhB [complement(97563..98262)], trnI-GAU [104543..105487], trnA-UGC [105625..106424], ndhA [119452..120488], trnA-UGC [complement(136997..137796)], trnI-GAU [complement(137934..138878)], ndhB [145159..145858], rpl2 [156117..156777]
2013.	LEBA	55	rps12 [complement(93127..93155)], rps12 [complement(93876..93927)],	trnK-UUU [complement(1414..3957)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(69836..69949)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3958..3994)], rps16 [complement(4596..4813)], rps16 [complement(5688..5727)], atpF [34445..34589], atpF [35444..35850], ycf3 [complement(43599..43757)], ycf3 [complement(44480..44707)], ycf3 [complement(45478..45609)], trnL-UAA [complement(48260..48294)], trnL-UAA [complement(48835..48884)], rps12 [131072..131303], rps12 [131844..131872], petB [74494..74498], petB [74550..75192], rpl16 [complement(80294..80698)], rpl16 [complement(81760..81768)], rpl2 [complement(83788..84218)], rpl2 [complement(84882..85272)], ndhB [complement(90054..90809)], ndhB [complement(91522..92298)], trnI-GAU [complement(97796..97837)], trnI-GAU [complement(98784..98818)], trnA-UGC [complement(98883..98921)], trnA-UGC [complement(99731..99764)], ndhA [complement(115766..116131)], ndhA [complement(117334..117882)], trnA-UGC [complement(125235..125268)], trnA-UGC [complement(126078..126116)], trnI-GAU [complement(126181..126215)], trnI-GAU [complement(127162..127203)], ndhB [132701..133477], ndhB [134190..134945], rpl2 [139727..140117], rpl2 [140781..141211]	[complement(4814..5687)], atpF [34590..35443], ycf3 [complement(43758..44479)], ycf3 [complement(44708..45477)], trnL-UAA [complement(48295..48834)], petB [74499..74549], rpl16 [complement(80699..81759)], rpl2 [complement(84219..84881)], ndhB [complement(90810..91521)], trnI-GAU [complement(97838..98783)], trnA-UGC [complement(98922..99730)], ndhA [complement(116132..117333)], trnA-UGC [complement(125269..126077)], trnI-GAU [complement(126216..127161)], ndhB [133478..134189], rpl2 [140118..140780]
2014.	LECH	61	rps12 [complement(89676..89707)], rps12 [complement(90248..90470)], rps12 [complement(67810..67923)], trnK-UUU [complement(1386..1421)], trnK-UUU [complement(3901..3938)], rps16 [complement(4512..4729)], rps16 [complement(5568..5607)], trnS-CGA [complement(12856..12917)], trnS-CGA [complement(13581..13611)], atpF [33057..33201], atpF [34033..34439], ycf3 [complement(42213..42371)], ycf3 [complement(43099..43328)], ycf3 [complement(44079..44202)], trnL-UAA [46890..46925], trnL-UAA [47490..47540], trnV-UAC [complement(51037..51073)], trnV-UAC [complement(51671..51708)], rps12 [127261..127483], rps12 [128024..128055], petB [71668..71673], petB [72424..73065], petD [73252..73259], petD [74009..74483], rpl2 [complement(81543..81973)], rpl2 [complement(82637..83024)], ndhB [complement(86608..87365)], ndhB [complement(88078..88852)], trnI [94304..94345], trnI [95147..95181], trnA-UGC [95247..95283], trnA-UGC [96095..96130], ndhA [complement(112119..112656)], ndhA [complement(115210..115415)], trnA-	trnK-UUU [complement(1422..3900)], rps16 [complement(4730..5567)], trnS-CGA [complement(12918..13580)], atpF [33202..34032], ycf3 [complement(42372..43098)], ycf3 [complement(43329..44078)], trnL-UAA [46926..47489], trnV-UAC [complement(51074..51670)], petB [71674..72423], petD [73260..74008], rpl2 [complement(81974..82636)], ndhB [complement(87366..88077)], trnI [94346..95146], trnA-UGC [95284..96094], ndhA [complement(112657..115209)], trnA-UGC [complement(121637..122447)], trnI [complement(122585..123385)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(121601..121636)], trnA-UGC [complement(122448..122484)], trnI [complement(122550..122584)], trnI [complement(123386..123427)], ndhB [128879..129653], ndhB [130366..131123], rpl2 [134707..135094], rpl2 [135758..136188]	[129654..130365], rpl2 [135095..135757]
2015.	LECU	26	trnK-UUU [complement(1691..1719)], trnK-UUU [complement(4200..4236)], trnV-UAC [9190..9228], trnV-UAC [9801..9837], trnL-UAA [complement(12781..12830)], trnL-UAA [complement(13259..13295)], trnI-GAU [97630..97671], trnI-GAU [98346..98380], trnA-UGC [98446..98483], trnA-UGC [99292..99326]	trnK-UUU [complement(1720..4199)], trnV-UAC [9229..9800], trnL-UAA [complement(12831..13258)], ycf3 [15933..16670], ycf3 [16899..17647], rpoC1 [37728..38499], atpF [47953..48619], clpP [63449..63993], petB [71925..72714], petD [73572..74284], rpl16 [complement(78962..80060)], rpl2 [complement(82198..82853)], ndhB [complement(91344..92028)], trnI-GAU [97672..98345], trnA-UGC [98484..99291], ndhA [111723..112891]
2016.	LEDA	40	rps12 [complement(94376..94618)], rps12 [complement(67820..67945)], trnK-UUU [complement(1811..1839)], trnK-UUU [complement(4443..4479)], trnV-UAC [9799..9837], trnV-UAC [10410..10446], trnL-UAA [complement(13503..13552)], trnL-UAA [complement(14072..14108)], trnG-GCC [complement(52255..52303)], trnG-GCC [complement(53019..53041)], rps12 [135347..135589], trnI-GAU [98504..98545], trnI-GAU [99498..99532], trnA-UGC [99597..99634], trnA-UGC [100441..100475], trnA-UGC [complement(129490..129524)], trnA-UGC [complement(130331..130368)], trnI-GAU [complement(130433..130467)], trnI-GAU [complement(131420..131461)]	trnK-UUU [complement(1840..4442)], trnV-UAC [9838..10409], trnL-UAA [complement(13553..14071)], ycf3 [16983..17661], ycf3 [17890..18653], rpoC1 [38808..39610], atpF [48850..49566], trnG-GCC [complement(52304..53018)], clpP [complement(68393..69164)], clpP [complement(69462..70160)], petB [73155..73971], petD [74833..75498], rpl16 [complement(80321..81292)], rpl2 [complement(83348..83639)], ndhB [complement(91844..92540)], trnI-GAU [98546..99497], trnA-UGC [99635..100440], ndhA [complement(115485..116725)], trnA-UGC [complement(129525..130330)], trnI-GAU [complement(130468..131419)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[137425..138121]
2017.	LEFL	70	rps12 [complement(100044..100069)], rps12 [complement(100615..100846)], rps12 [complement(71400..71513)], rps16 [complement(5206..5408)], rps16 [complement(6290..6329)], trnG-UCC [9418..9440], trnG-UCC [10170..10217], atpF [complement(12217..12627)], atpF [complement(13420..13563)], rpoC1 [complement(21512..23122)], rpoC1 [complement(23891..24322)], ycf3 [complement(44105..44257)], ycf3 [complement(45070..45297)], ycf3 [complement(46024..46149)], trnL-UAA [48724..48760], trnL-UAA [49288..49337], trnV-UAC [complement(52788..52824)], trnV-UAC [complement(53424..53462)], rps12 [complement(71400..71513)], rps12 [143607..143838], rps12 [144384..144409], clpP [complement(71670..71897)], clpP [complement(72546..72837)], clpP [complement(73686..73756)], petB [76724..76729], petB [77471..78169], petD [78384..78391], petD [79139..79619], rpl16 [complement(83174..83575)], rpl16 [complement(84628..84636)], rpl2 [complement(86317..86751)], rpl2 [complement(87416..87805)], ndhB [complement(96989..97744)], ndhB [complement(98426..99202)], trnI-GAU [104754..104795], trnI-GAU [105756..105790], trnA-UGC [105861..105898], trnA-UGC [106730..106764], ndhA [complement(122965..123504)], ndhA [complement(124662..125213)], trnA-UGC [complement(137689..137723)], trnA-UGC [complement(138555..138592)], trnI-GAU [complement(138663..138697)], trnI-GAU [complement(139658..139699)], ndhB [145251..146027], ndhB [146709..147464], rpl2 [156648..157037], rpl2 [157702..158136]	rps16 [complement(5409..6289)], trnG-UCC [9441..10169], atpF [complement(12628..13419)], rpoC1 [complement(23123..23890)], ycf3 [complement(44258..45069)], ycf3 [complement(45298..46023)], trnL-UAA [48761..49287], trnV-UAC [complement(52825..53423)], clpP [complement(71898..72545)], clpP [complement(72838..73685)], petB [76730..77470], petD [78392..79138], rpl16 [complement(83576..84627)], rpl2 [complement(86752..87415)], ndhB [complement(97745..98425)], trnI-GAU [104796..105755], trnA-UGC [105899..106729], ndhA [complement(123505..124661)], trnA-UGC [complement(137724..138554)], trnI-GAU [complement(138698..139657)], ndhB [146028..146708], rpl2 [157038..157701]
2018.	LEFO	40	rps12 [complement(94968..95210)], rps12 [complement(67857..67982)], trnK-UUU [complement(1796..1824)], trnK-UUU [complement(4428..4464)], trnV-UAC [9785..9823], trnV-UAC [10396..10432], trnL-UAA [complement(13493..13542)], trnL-UAA [complement(14062..14098)], trnG-GCC [complement(52285..52333)], trnG-GCC [complement(53049..53071)], rps12 [135923..136165], trnI-GAU [99089..99130], trnI-GAU [100083..100117], trnA-UGC [100182..100219], trnA-UGC [101026..101060], trnA-UGC [complement(130073..130107)], trnA-UGC	trnK-UUU [complement(1825..4427)], trnV-UAC [9824..10395], trnL-UAA [complement(13543..14061)], ycf3 [16967..17645], ycf3 [17874..18637], rpoC1 [38832..39634], atpF [48879..49595], trnG-GCC [complement(52334..53048)], clpP [complement(68430..69201)], clpP [complement(69499..70197)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(130914..130951)], trnI-GAU [complement(131016..131050)], trnI-GAU [complement(132003..132044)]	[73192..74008], petD [74870..75535], rpl16 [complement(80408..81378)], rpl2 [complement(83434..83990)], ndhB [complement(92195..92891)], trnI-GAU [99131..100082], trnA-UGC [100220..101025], ndhA [complement(116068..117308)], trnA-UGC [complement(130108..130913)], trnI-GAU [complement(131051..132002)], ndhB [138242..138938]
2019.	LEFR	6	-	trnK-UUU [complement(1913..4410)], trnV-UAC [9919..10480], trnL-UAA [complement(13614..14140)], trnG-UCC [complement(50869..51563)], trnI-GAU [97295..98082], trnA-UGC [98220..99015]
2020.	LEFU	24	rps12 [143507..143532]	trnK-UUU [complement(1595..4128)], rps16 [complement(5062..5919)], trnG-UCC [8383..9083], atpF [complement(11568..12280)], rpoC1 [complement(21840..22582)], ycf3 [complement(43499..44228)], ycf3 [complement(44458..45162)], trnL-UAA [48027..48540], trnV-UAC [complement(52276..52872)], clpP [complement(70793..71446)], clpP [complement(71736..72561)], petB [75541..76369], petD [77217..77940], rpl16 [complement(82355..83325)], rpl2 [complement(85536..86193)], ndhB [complement(96495..97202)], trnI-GAU [104944..105874], trnA-UGC [106012..106811], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(121479..122537)], trnA-UGC [complement(135545..136344)], trnI-GAU [complement(136482..137412)], ndhB [145154..145861], rpl2 [156163..156820]
2021.	LEIN	66	rps12 [complement(99488..99513)], rps12 [complement(100060..100291)], rps12 [complement(70971..71084)], trnK-UUU [complement(2186..2220)], trnK-UUU [complement(4704..4740)], rps16 [complement(5749..5960)], rps16 [complement(6834..6873)], trnG-GCC [9408..9430], trnG-GCC [10139..10175], atpF [complement(12131..12541)], atpF [complement(13245..13403)], rpoC1 [complement(21174..22790)], rpoC1 [complement(23531..23983)], ycf3 [complement(43550..43702)], ycf3 [complement(44476..44703)], ycf3 [complement(45423..45548)], trnL-UAA [48860..48894], trnL-UAA [49384..49433], trnV-UAC [complement(53602..53638)], trnV-UAC [complement(54249..54287)], rps12 [142255..142486], rps12 [143033..143058], clpP [complement(71244..71490)], clpP [complement(72180..72470)], clpP [complement(73217..73287)], petB [76156..76161], petB [76979..77626], petD [77831..77838], petD [78544..79039], rpl16 [complement(82591..82989)], rpl16 [complement(84058..84066)], ndhB [complement(96414..97172)], ndhB [complement(97873..98649)], trnI-GAU [104112..104153], trnI-GAU [105094..105128], trnA-UGC [105193..105230], trnA-UGC [106031..106065], ndhA [complement(121970..122509)], ndhA [complement(123580..124134)], trnA-UGC [complement(136481..136515)], trnA-UGC [complement(137316..137353)], trnI-GAU [complement(137418..137452)], trnI-GAU [complement(138393..138434)], ndhB [143897..144673], ndhB [145374..146132]	trnK-UUU [complement(2221..4703)], rps16 [complement(5961..6833)], trnG-GCC [9431..10138], atpF [complement(12542..13244)], rpoC1 [complement(22791..23530)], ycf3 [complement(43703..44475)], ycf3 [complement(44704..45422)], trnL-UAA [48895..49383], trnV-UAC [complement(53639..54248)], clpP [complement(71491..72179)], clpP [complement(72471..73216)], petB [76162..76978], petD [77839..78543], rpl16 [complement(82990..84057)], ndhB [complement(97173..97872)], trnI-GAU [104154..105093], trnA-UGC [105231..106030], ndhA [complement(122510..123579)], trnA-UGC [complement(136516..137315)], trnI-GAU [complement(137453..138392)], ndhB [144674..145373]
2022.	LEJA	59	rps12 [complement(89110..89352)], rps12 [complement(68169..68282)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3898..3934)], rps16 [complement(4494..4711)], rps16 [complement(5557..5596)], atpF [33465..33608], atpF [34406..34813], ycf3 [complement(42431..42589)], ycf3 [complement(43316..43543)], ycf3 [complement(44286..44411)], trnL-UAA [47072..47106], trnL-UAA [47648..47697], trnV-UAC	trnK-UUU [complement(1415..3897)], rps16 [complement(4712..5556)], atpF [33609..34405], ycf3 [complement(42590..43315)], ycf3 [complement(43544..44285)], trnL-UAA [47107..47647], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51055..51091)], trnV-UAC [complement(51689..51727)], rps12 [125948..126190], petB [72012..72017], petB [72829..73470], petD [73662..73671], petD [74420..74892], rpl16 [complement(78430..78831)], rpl16 [complement(79862..79870)], rpl2 [complement(81810..82241)], rpl2 [complement(82905..83294)], ndhB [complement(85478..86233)], ndhB [complement(86946..87722)], trnI-GAU [93189..93225], trnI-GAU [94177..94211], trnA-UGC [94276..94313], trnA-UGC [95125..95159], ndhA [complement(110774..111313)], ndhA [complement(112304..112852)], trnA-UGC [complement(120141..120175)], trnA-UGC [complement(120987..121024)], trnI-GAU [complement(121089..121123)], trnI-GAU [complement(122075..122111)], ndhB [127578..128354], ndhB [129067..129822], rpl2 [132006..132395], rpl2 [133059..133490]	[complement(51092..51688)], petB [72018..72828], petD [73672..74419], rpl16 [complement(78832..79861)], rpl2 [complement(82242..82904)], ndhB [complement(86234..86945)], trnI-GAU [93226..94176], trnA-UGC [94314..95124], ndhA [complement(111314..112303)], trnA-UGC [complement(120176..120986)], trnI-GAU [complement(121124..122074)], ndhB [128355..129066], rpl2 [132396..133058]
2023.	LEJP	46	rps12 [complement(96632..96874)], rps12 [complement(68716..68829)], rps16 [complement(5104..5328)], rps16 [complement(6206..6247)], atpF [complement(11644..12054)], atpF [complement(12710..12853)], rpoC1 [complement(20638..22248)], rpoC1 [complement(23046..23477)], ycf3 [complement(42012..42161)], ycf3 [complement(42884..43117)], ycf3 [complement(43827..43952)], rps12 [137564..137806], clpP [complement(68968..69192)], clpP [complement(69817..70113)], clpP [complement(70774..70842)], petB [73740..73745], petB [74488..75126], petD [75321..75329], petD [76072..76545], rpl16 [complement(79982..80380)], rpl16 [complement(81265..81273)], rpl2 [complement(82922..83391)], rpl2 [complement(84019..84412)], ndhB [complement(93074..93829)], ndhB [complement(94509..95285)], ndhA [complement(117431..117970)], ndhA [complement(119047..119601)], ndhB [139153..139929], ndhB [140609..141364], rpl2 [150026..150416], rpl2 [151047..151516]	rps16 [complement(5329..6205)], atpF [complement(12055..12709)], rpoC1 [complement(22249..23045)], ycf3 [complement(42162..42883)], ycf3 [complement(43118..43826)], clpP [complement(69193..69816)], clpP [complement(70114..70773)], petB [73746..74487], petD [75330..76071], rpl16 [complement(80381..81264)], rpl2 [complement(83392..84018)], ndhB [complement(93830..94508)], ndhA [complement(117971..119046)], ndhB [139930..140608], rpl2 [150417..151046]
2024.	LELE	42	rps12 [complement(96893..97135)], rps12 [complement(68898..69011)], trnK-UUU [complement(1762..1796)], trnK-UUU [complement(4335..4371)], trnG-UCC [complement(29586..29632)], trnG-UCC [complement(30338..30360)], trnL-UAA [46616..46650], trnL-UAA [47103..47152], trnV-UAC [complement(50851..50885)], trnV-UAC [complement(51462..51499)], rps12 [137246..137488], trnI-GAU	trnK-UUU [complement(1797..4334)], rps16 [complement(5383..6228)], rpoC1 [16046..16783], atpF [26461..27171], trnG-UCC [complement(29633..30337)], ycf3 [complement(41948..42686)], ycf3 [complement(42917..43610)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101058..101094], trnI-GAU [101874..101908], trnA-UGC [101973..102010], trnA-UGC [102832..102866], trnA-UGC [complement(131515..131549)], trnA-UGC [complement(132371..132408)], trnI-GAU [complement(132473..132507)], trnI-GAU [complement(133287..133323)]	[46651..47102], trnV-UAC [complement(50886..51461)], clpP [complement(69408..70027)], clpP [complement(70320..71141)], petB [74172..74931], petD [75770..76475], rpl16 [complement(80809..81781)], rpl2 [complement(83886..84547)], ndhB [complement(94086..94755)], trnI-GAU [101095..101873], trnA-UGC [102011..102831], ndhA [115186..116223], trnA-UGC [complement(131550..132370)], trnI-GAU [complement(132508..133286)], ndhB [139626..140295], rpl2 [149834..150495]
2025.	LELI	36	rps12 [complement(96848..97090)], rps12 [complement(68738..68851)], trnK-UUU [complement(1744..1778)], trnK-UUU [complement(4349..4385)], trnL-UAA [46767..46803], trnL-UAA [47228..47277], trnV-UAC [complement(51303..51339)], trnV-UAC [complement(51914..51951)], trnI-GAU [100990..101032], trnI-GAU [101808..101842], trnA-UGC [101907..101944], trnA-UGC [102757..102791], trnA-UGC [complement(131738..131772)], trnA-UGC [complement(132585..132622)], trnI-GAU [complement(132687..132721)], trnI-GAU [complement(133497..133539)]	trnK-UUU [complement(1779..4348)], rps16 [complement(5436..6388)], rpoC1 [16485..17219], atpF [26936..27634], ycf3 [complement(42171..42915)], ycf3 [complement(43146..43847)], trnL-UAA [46804..47227], trnV-UAC [complement(51340..51913)], clpP [complement(69229..69841)], clpP [complement(70133..70929)], petB [73925..74652], petD [75491..76164], rpl2 [complement(83675..84339)], ndhB [complement(94035..94704)], trnI-GAU [101033..101807], trnA-UGC [101945..102756], ndhA [115102..116163], trnA-UGC [complement(131773..132584)], trnI-GAU [complement(132722..133496)], ndhB [139829..140495]
2026.	LEMA	21	rps12 [complement(91294..91322)], rps12 [complement(91862..92093)],	trnK [complement(1404..3849)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(68251..68364)], trnK [complement(1371..1403)], trnK [complement(3850..3887)], trnG [13356..13400], trnG [14081..14103], trnL [47836..47870], trnL [48415..48464], trnV [52057..52093], trnV [52691..52728], trnI [95916..95957], trnI [96898..96932], trnA [96998..97035], trnA [97846..97880]	[13401..14080], trnL [47871..48414], trnV [52094..52690], trnI [95958..96897], trnA [97036..97845]
2027.	LEMD	7	rps12 [70862..70890]	trnK-UUU [complement(193..2646)], trnL-UAA [14675..15091], trnI-GAU [47596..48397], trnA-UGC [48535..49359], trnA-UGC [complement(65198..66022)], trnI-GAU [complement(66160..66961)]
2028.	LEME	70	rps12 [complement(97725..97750)], rps12 [complement(98288..98519)], rps12 [complement(69319..69432)], trnK [complement(1607..1642)], trnK [complement(4200..4236)], rps16 [complement(4940..5166)], rps16 [complement(6055..6094)], trnT [8471..8504], trnT [9218..9260], atpF [complement(11376..11785)], atpF [complement(12503..12647)], rpoC1 [complement(20110..21720)], rpoC1 [complement(22498..22929)], ycf3 [complement(42238..42390)], ycf3 [complement(43183..43410)], trnL [46743..46777], trnL [47299..47348], trnV [complement(50888..50922)], trnV [complement(51526..51564)], rps12 [139828..140059], rps12 [140597..140622], clpP [complement(69616..69843)], clpP [complement(70415..70706)], clpP [complement(71598..71668)], petB [74620..74625], petB [75425..76066], petD [76264..76271], petD [77002..77476], rpl16 [complement(80890..81288)], rpl16 [complement(82391..82399)], rpl2 [complement(84110..84544)], rpl2 [complement(85227..85616)], ndhB [complement(94668..95429)], ndhB [complement(96115..96522)], trnE [102522..102553], trnE [103283..103322], trnA [103387..103423], trnA [104224..104259], ndhA [complement(119888..120417)], ndhA [complement(121494..122046)], trnA [complement(134088..134123)], trnA [complement(134924..134960)], trnE [complement(135025..135064)], trnE [complement(135794..135825)], ndhB [141825..142232], ndhB [142918..143679], rpl2 [152731..153120], rpl2 [153803..154237]	trnK [complement(1643..4199)], rps16 [complement(5167..6054)], trnT [8505..9217], atpF [complement(11786..12502)], rpoC1 [complement(21721..22497)], ycf3 [complement(42391..43182)], trnL [46778..47298], trnV [complement(50923..51525)], clpP [complement(69844..70414)], clpP [complement(70707..71597)], petB [74626..75424], petD [76272..77001], rpl16 [complement(81289..82390)], rpl2 [complement(84545..85226)], ndhB [complement(95430..96114)], trnE [102554..103282], trnA [103424..104223], ndhA [complement(120418..121493)], trnA [complement(134124..134923)], trnE [complement(135065..135793)], ndhB [142233..142917], rpl2 [153121..153802]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2029.	LEMI	66	rps12 [complement(74638..74751)], trnK-UUU [complement(1843..1884)], trnK-UUU [complement(4417..4453)], rps16 [complement(4986..5182)], rps16 [complement(6183..6222)], trnG-UCC [10314..10337], trnG-UCC [11054..11101], atpF [complement(13124..13524)], atpF [complement(14344..14488)], rpoC1 [complement(22229..23848)], rpoC1 [complement(24553..25005)], ycf3 [complement(45682..45834)], ycf3 [complement(46604..46833)], ycf3 [complement(47577..47700)], trnL-UAA [51312..51348], trnL-UAA [51869..51918], trnV-UAC [complement(55641..55677)], trnV-UAC [complement(56282..56319)], rps12 [152425..152450], clpP [complement(74905..75150)], clpP [complement(75791..76082)], clpP [complement(76860..76930)], petB [80553..80558], petB [80612..81253], petD [81456..81463], petD [82159..82633], rpl16 [complement(85847..86245)], rpl16 [complement(87552..87560)], rpl2 [complement(89522..89952)], rpl2 [complement(90617..91007)], ndhB [complement(100334..101089)], ndhB [complement(101789..102565)], trnI-GAU [107948..107989], trnI-GAU [108748..108782], trnA-UGC [108847..108884], trnA-UGC [109684..109718], ndhA [complement(131454..131983)], ndhA [complement(133036..133588)], trnA-UGC [complement(146145..146179)], trnA-UGC [complement(146979..147016)], trnI-GAU [complement(147081..147115)], trnI-GAU [complement(147874..147915)], ndhB [153298..154074], ndhB [154774..155529]	trnK-UUU [complement(1885..4416)], rps16 [complement(5183..6182)], trnG-UCC [10338..11053], atpF [complement(13525..14343)], rpoC1 [complement(23849..24552)], ycf3 [complement(45835..46603)], ycf3 [complement(46834..47576)], trnL-UAA [51349..51868], trnV-UAC [complement(55678..56281)], clpP [complement(75151..75790)], clpP [complement(76083..76859)], petB [80559..80611], petD [81464..82158], rpl16 [complement(86246..87551)], rpl2 [complement(89953..90616)], ndhB [complement(101090..101788)], trnI-GAU [107990..108747], trnA-UGC [108885..109683], ndhA [complement(131984..133035)], trnA-UGC [complement(146180..146978)], trnI-GAU [complement(147116..147873)], ndhB [154075..154773]
2030.	LEMO	73	rps12 [complement(100953..100978)], rps12 [complement(101520..101748)], rps12 [complement(72110..72223)], trnK-UUU [complement(1418..1452)], trnK-UUU [complement(4092..4128)], rps16 [complement(4876..5096)], rps16 [complement(5953..5992)], trnG-UCC [9670..9692], trnG-UCC [10379..10426], atpF [complement(12369..12779)], atpF [complement(13586..13729)], rpoC1 [complement(21571..23191)], rpoC1 [complement(23935..24362)], ycf3 [complement(43530..43690)], ycf3 [complement(44425..44652)], ycf3 [complement(45369..45492)], trnL-UAA [48511..48545], trnL-UAA [49058..49107], trnV-UAC [complement(53788..53824)], trnV-UAC [complement(54417..54455)], rps12	trnK-UUU [complement(1453..4091)], rps16 [complement(5097..5952)], trnG-UCC [9693..10378], atpF [complement(12780..13585)], rpoC1 [complement(23192..23934)], ycf3 [complement(43691..44424)], ycf3 [complement(44653..45368)], trnL-UAA [48546..49057], trnV-UAC [complement(53825..54416)], clpP [complement(72612..73264)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72110..72223)], rps12 [143277..143505], rps12 [144047..144072], clpP [complement(72360..72611)], clpP [complement(73265..73556)], clpP [complement(74374..74444)], petB [77364..77369], petB [78150..78797], petD [78991..78998], petD [79731..80244], rpl16 [complement(83727..84125)], rpl16 [complement(85253..85261)], rpl2 [complement(87214..87645)], rpl2 [complement(88308..88697)], ndhB [complement(97879..98634)], ndhB [complement(99339..100115)], trnI-GAU [105719..105760], trnI-GAU [106698..106732], trnA-UGC [106797..106834], trnA-UGC [107636..107670], ndhA [complement(122838..123376)], ndhA [complement(124420..124972)], trnA-UGC [complement(137355..137389)], trnA-UGC [complement(138191..138228)], trnI-GAU [complement(138293..138327)], trnI-GAU [complement(139265..139306)], ndhB [144910..145686], ndhB [146391..147146], rpl2 [156328..156717], rpl2 [157380..157811]	[complement(73557..74373)], petB [77370..78149], petD [78999..79730], rpl16 [complement(84126..85252)], rpl2 [complement(87646..88307)], ndhB [complement(98635..99338)], trnI-GAU [105761..106697], trnA-UGC [106835..107635], ndhA [complement(123377..124419)], trnA-UGC [complement(137390..138190)], trnI-GAU [complement(138328..139264)], ndhB [145687..146390], rpl2 [156718..157379]
2031.	LEMR	64	rps12 [complement(95404..95661)], rps12 [complement(67636..67749)], trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4362..4398)], trnV-UAC [9735..9773], trnV-UAC [10347..10383], trnL-UAA [complement(13444..13493)], trnL-UAA [complement(14013..14049)], ycf3 [16488..16613], ycf3 [17293..17520], ycf3 [18289..18441], rpoC1 [37155..37586], rpoC1 [38386..40008], atpF [47912..48055], atpF [48796..49203], trnG-UCC [complement(51332..51380)], trnG-UCC [complement(52096..52118)], rps16 [54484..54523], rps16 [55385..55614], rps12 [135791..136048], clpP [complement(67969..68196)], clpP [complement(68973..69264)], clpP [complement(69967..70037)], petB [72957..72962], petB [73787..74428], petD [74633..74640], petD [75358..75832], rpl16 [complement(79360..79758)], rpl16 [complement(80896..80904)], ndhB [complement(92357..93112)], ndhB [complement(93810..94532)], trnI-GAU [99535..99570], trnI-GAU [100529..100563], trnA-UGC [100628..100665], trnA-UGC [101473..101507], ndhA [complement(115470..116009)], ndhA [complement(117251..117802)], trnA-UGC [complement(129945..129979)], trnA-UGC [complement(130787..130824)], trnI-GAU [complement(130889..130923)],	trnK-UUU [complement(1765..4361)], trnV-UAC [9774..10346], trnL-UAA [complement(13494..14012)], ycf3 [16614..17292], ycf3 [17521..18288], rpoC1 [37587..38385], atpF [48056..48795], trnG-UCC [complement(51381..52095)], rps16 [54524..55384], clpP [complement(68197..68972)], clpP [complement(69265..69966)], petB [72963..73786], petD [74641..75357], rpl16 [complement(79759..80895)], ndhB [complement(93113..93809)], trnI-GAU [99571..100528], trnA-UGC [100666..101472], ndhA [complement(116010..117250)], trnA-UGC [complement(129980..130786)], trnI-GAU [complement(130924..131880)], ndhB [137643..138339]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(131881..131917)], ndhB [136920..137642], ndhB [138340..139095]	
2032.	LEPE	65	trnK-UUU [complement(1533..1567)], trnK-UUU [complement(4045..4081)], rps16 [complement(4863..5077)], rps16 [complement(5973..6012)], trnG-UCC [complement(10614..10636)], trnG-UCC [complement(11450..11497)], atpF [complement(13483..13892)], atpF [complement(14641..14785)], rpoC1 [complement(22215..23828)], rpoC1 [complement(24541..25002)], ycf3 [complement(44553..44708)], ycf3 [complement(45439..45666)], ycf3 [complement(46380..46508)], trnL-UAG [49067..49101], trnL-UAG [49588..49640], trnV-UAC [complement(56313..56347)], trnV-UAC [complement(56881..56919)], rps12 [152122..152147], clpP [complement(74495..74740)], clpP [complement(75309..75600)], clpP [complement(76372..76421)], petB [79425..79430], petB [80178..80819], petD [81010..81017], petD [81758..82256], rpl16 [complement(85661..86068)], rpl16 [complement(86992..87000)], rpl2 [complement(88523..88953)], rpl2 [complement(89658..90057)], ndhB [complement(101163..101924)], ndhB [complement(102652..103374)], trnI-GAU [108997..109033], trnI-GAU [109972..110006], trnA-UGC [110075..110112], trnA-UGC [110893..110927], ndhA [complement(127650..128197)], ndhA [complement(129204..129762)], trnA-UGC [complement(145479..145513)], trnA-UGC [complement(146294..146331)], trnI-GAU [complement(146400..146434)], trnI-GAU [complement(147373..147409)], ndhB [153032..153754], ndhB [154482..155243]	trnK-UUU [complement(1568..4044)], rps16 [complement(5078..5972)], trnG-UCC [complement(10637..11449)], atpF [complement(13893..14640)], rpoC1 [complement(23829..24540)], ycf3 [complement(44709..45438)], ycf3 [complement(45667..46379)], trnL-UAG [49102..49587], trnV-UAC [complement(56348..56880)], clpP [complement(74741..75308)], clpP [complement(75601..76371)], petB [79431..80177], petD [81018..81757], rpl16 [complement(86069..86991)], rpl2 [complement(88954..89657)], ndhB [complement(101925..102651)], trnI-GAU [109034..109971], trnA-UGC [110113..110892], ndhA [complement(128198..129203)], trnA-UGC [complement(145514..146293)], trnI-GAU [complement(146435..147372)], ndhB [153755..154481]
2033.	LEPL	64	rps12 [complement(88552..88580)], rps12 [complement(89121..89352)], rps12 [complement(67258..67371)], trnK-UUU [complement(1383..1415)], trnK-UUU [complement(3915..3952)], rps16 [complement(4493..4710)], rps16 [complement(5505..5544)], trnG-UCC [complement(12895..12942)], trnG-UCC [complement(13625..13647)], atpF [33054..33212], atpF [34035..34442], ycf3 [complement(42196..42354)], ycf3 [complement(43085..43312)], ycf3 [complement(44056..44181)], trnL-UAA [46911..46945], trnL-UAA [47494..47543], trnV-UAC [complement(51068..51114)], trnV-UAC [complement(51702..51740)], rps12 [125447..125678], rps12	trnK-UUU [complement(1416..3914)], rps16 [complement(4711..5504)], trnG-UCC [complement(12943..13624)], atpF [33213..34034], ycf3 [complement(42355..43084)], ycf3 [complement(43313..44055)], trnL-UAA [46946..47493], trnV-UAC [complement(51115..51701)], petB [71096..71862], petD [72718..73457], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[126219..126247], petB [71090..71095], petB [71863..72510], petD [72710..72717], petD [73458..73932], rpl16 [complement(77465..77866)], rpl16 [complement(78887..78895)], rpl2 [complement(80864..81295)], rpl2 [complement(81956..82348)], ndhB [complement(85479..86235)], ndhB [complement(86948..87723)], trnI-GAU [93182..93223], trnI-GAU [93935..93969], trnA-UGC [94035..94072], trnA-UGC [94883..94917], ndhA [complement(110424..110963)], ndhA [complement(111992..112540)], trnA-UGC [complement(119882..119916)], trnA-UGC [complement(120727..120764)], trnI-GAU [complement(120830..120864)], trnI-GAU [complement(121576..121617)], ndhB [127076..127851], ndhB [128564..129320], rpl2 [132451..132843], rpl2 [133504..133935]	[complement(77867..78886)], rpl2 [complement(81296..81955)], ndhB [complement(86236..86947)], trnI-GAU [93224..93934], trnA-UGC [94073..94882], ndhA [complement(110964..111991)], trnA-UGC [complement(119917..120726)], trnI-GAU [complement(120865..121575)], ndhB [127852..128563], rpl2 [132844..133503]
2034.	LEPR	62	rps12 [complement(88096..88128)], rps12 [complement(88668..88901)], rps12 [complement(67713..67826)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3906..3943)], rps16 [complement(4502..4719)], rps16 [complement(5565..5604)], trnG-UCC [complement(12498..12545)], trnG-UCC [complement(13220..13242)], atpF [32976..33134], atpF [33917..34324], ycf3 [complement(41942..42100)], ycf3 [complement(42827..43054)], ycf3 [complement(43795..43926)], trnL-UAA [46641..46675], trnL-UAA [47222..47271], trnV-UAC [complement(50620..50656)], trnV-UAC [complement(51254..51292)], petB [71556..71561], petB [72367..73014], petD [73206..73213], petD [73962..74436], rpl16 [complement(77973..78374)], rpl16 [complement(79411..79419)], rpl2 [complement(81359..81790)], rpl2 [complement(82454..82855)], ndhB [complement(85027..85782)], ndhB [complement(86495..87271)], trnI-GAU [92738..92779], trnI-GAU [93725..93759], trnA-UGC [93825..93861], trnA-UGC [94673..94707], ndhA [complement(110248..110787)], ndhA [complement(111769..112317)], trnA-UGC [complement(119606..119640)], trnA-UGC [complement(120452..120488)], trnI-GAU [complement(120554..120588)], trnI-GAU [complement(121534..121575)], ndhB [127042..127818], ndhB [128531..129286], rpl2 [131458..131859], rpl2 [132523..132954]	trnK-UUU [complement(1405..3905)], rps16 [complement(4720..5564)], trnG-UCC [complement(12546..13219)], atpF [33135..33916], ycf3 [complement(42101..42826)], ycf3 [complement(43055..43794)], trnL-UAA [46676..47221], trnV-UAC [complement(50657..51253)], petB [71562..72366], petD [73214..73961], rpl16 [complement(78375..79410)], rpl2 [complement(81791..82453)], ndhB [complement(85783..86494)], trnI-GAU [92780..93724], trnA-UGC [93862..94672], ndhA [complement(110788..111768)], trnA-UGC [complement(119641..120451)], trnI-GAU [complement(120589..121533)], ndhB [127819..128530], rpl2 [131860..132522]
2035.	LESE	69	rps12 [complement(98129..98154)], rps12 [complement(98691..98922)], rps12 [complement(70227..70340)], trnK-UUU [complement(1578..1612)],	trnK-UUU [complement(1613..4144)], rps16 [complement(5099..5957)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4145..4181)], rps16 [complement(4902..5098)], rps16 [complement(5958..5997)], trnG-UCC [9048..9070], trnG-UCC [9774..9821], atpF [complement(11731..12131)], atpF [complement(12843..12987)], rpoC1 [complement(21002..22606)], rpoC1 [complement(23355..23786)], ycf3 [complement(43485..43637)], ycf3 [complement(44414..44641)], ycf3 [complement(45359..45484)], trnL-UAA [48507..48541], trnL-UAA [49044..49093], trnV-UAC [complement(52713..52747)], trnV-UAC [complement(53317..53355)], rps12 [142111..142342], rps12 [142879..142904], clpP [complement(70485..70715)], clpP [complement(71351..71642)], clpP [complement(72491..72561)], petB [75522..75527], petB [76286..76927], petD [77109..77116], petD [77867..78341], rpl16 [complement(81825..82223)], rpl16 [complement(83174..83182)], rpl2 [complement(84892..85325)], rpl2 [complement(85977..86370)], ndhB [complement(95093..95848)], ndhB [complement(96531..97307)], trnI-GAU [102729..102765], trnI-GAU [103734..103768], trnA-UGC [103833..103870], trnA-UGC [104688..104722], ndhA [complement(121903..122441)], ndhA [complement(123541..124093)], trnA-UGC [complement(136311..136345)], trnA-UGC [complement(137163..137200)], trnI-GAU [complement(137265..137299)], trnI-GAU [complement(138268..138304)], ndhB [143726..144502], ndhB [145185..145940]	[9071..9773], atpF [complement(12132..12842)], rpoC1 [complement(22607..23354)], ycf3 [complement(43638..44413)], ycf3 [complement(44642..45358)], trnL-UAA [48542..49043], trnV-UAC [complement(52748..53316)], clpP [complement(70716..71350)], clpP [complement(71643..72490)], petB [75528..76285], petD [77117..77866], rpl16 [complement(82224..83173)], rpl2 [complement(85326..85976)], ndhB [complement(95849..96530)], trnI-GAU [102766..103733], trnA-UGC [103871..104687], ndhA [complement(122442..123540)], trnA-UGC [complement(136346..137162)], trnI-GAU [complement(137300..138267)], ndhB [144503..145184]
2036.	LETI	39	rps12 [complement(89787..89815)], rps12 [complement(90357..90588)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3909..3945)], trnG-UCC [complement(13063..13110)], trnG-UCC [complement(13923..13945)], trnL-UAA [47730..47764], trnL-UAA [48306..48355], trnV-UAC [complement(51704..51740)], trnV-UAC [complement(52338..52376)], rps12 [128603..128631], trnI-GAU [94425..94461], trnI-GAU [95414..95448], trnA-UGC [95513..95550], trnA-UGC [96362..96396], trnA-UGC [complement(122022..122056)], trnA-UGC [complement(122868..122905)], trnI-GAU [complement(122970..123004)], trnI-GAU [complement(123957..123993)]	trnK-UUU [complement(1415..3908)], rps16 [complement(4711..5549)], trnG-UCC [complement(13111..13922)], atpF [34175..35001], ycf3 [complement(43320..44009)], ycf3 [complement(44238..44982)], trnL-UAA [47765..48305], trnV-UAC [complement(51741..52337)], petB [72664..73475], petD [74319..75056], rpl16 [complement(79510..80502)], rpl2 [complement(82882..83548)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(87470..88181)], trnI-GAU [94462..95413], trnA-UGC [95551..96361], ndhA [complement(113116..114114)], trnA-UGC [complement(122057..122867)], trnI-GAU [complement(123005..123956)], ndhB [130237..130948], rpl2 [134870..135536]
2037.	LETR	73	rps12 [complement(107451..107476)], rps12 [complement(108013..108244)], rps12 [complement(78221..78334)], trnK-UUU [complement(1860..1894)], trnK-UUU [complement(4434..4470)], rps16 [complement(5947..6191)], rps16 [complement(7072..7111)], trnG-UCC [10742..10764], trnG-UCC [11475..11523], atpF [complement(14118..14525)], atpF [complement(15256..15399)], rpoC1 [complement(24080..25696)], rpoC1 [complement(26509..26940)], ycf3 [complement(48699..48851)], ycf3 [complement(49593..49820)], ycf3 [complement(50550..50675)], trnL-UAA [53990..54024], trnL-UAA [54567..54616], trnV-UAC [complement(58611..58647)], trnV-UAC [complement(59263..59301)], rps12 [complement(78221..78334)], rps12 [150139..150370], rps12 [150907..150932], clpP [complement(78537..78764)], clpP [complement(79348..79638)], clpP [complement(80472..80540)], petB [83495..83500], petB [84306..84947], petD [85158..85165], petD [85890..86364], rpl16 [complement(90359..90757)], rpl16 [complement(91874..91882)], rpl2 [complement(93856..94290)], rpl2 [complement(94953..95345)], ndhB [complement(104393..105148)], ndhB [complement(105834..106610)], trnI-GAU [112226..112267], trnI-GAU [113216..113250], trnA-UGC [113315..113352], trnA-UGC [114155..114189], ndhA [complement(129380..129919)], ndhA [complement(131352..131903)], trnA-UGC [complement(144194..144228)], trnA-UGC [complement(145031..145068)], trnI-GAU [complement(145133..145167)], trnI-GAU [complement(146121..146157)], ndhB [151773..152549], ndhB [153235..153990], rpl2 [163038..163430], rpl2 [164093..164527]	trnK-UUU [complement(1895..4433)], rps16 [complement(6192..7071)], trnG-UCC [10765..11474], atpF [complement(14526..15255)], rpoC1 [complement(25697..26508)], ycf3 [complement(48852..49592)], ycf3 [complement(49821..50549)], trnL-UAA [54025..54566], trnV-UAC [complement(58648..59262)], clpP [complement(78765..79347)], clpP [complement(79639..80471)], petB [83501..84305], petD [85166..85889], rpl16 [complement(90758..91873)], rpl2 [complement(94291..94952)], ndhB [complement(105149..105833)], trnI-GAU [112268..113215], trnA-UGC [113353..114154], ndhA [complement(129920..131351)], trnA-UGC [complement(144229..145030)], trnI-GAU [complement(145168..146120)], ndhB [152550..153234], rpl2 [163431..164092]
2038.	LEVA	3	trnK-UUU [complement(7841..7876)], rps12 [135708..135733]	trnK-UUU [complement(7877..10368)]
2039.	LEVI	72	rps12 [complement(97829..97854)], rps12 [complement(98392..98623)],	trnK [complement(1649..4177)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69431..69544)], trnK [complement(1614..1648)], trnK [complement(4178..4214)], rps16 [complement(4875..5101)], rps16 [complement(5982..6021)], trnG [8408..8430], trnG [9148..9196], atpF [complement(11306..11715)], atpF [complement(12452..12596)], rpoC1 [complement(20053..21663)], rpoC1 [complement(22447..22878)], ycf3 [complement(42240..42392)], ycf3 [complement(43184..43411)], ycf3 [complement(44123..44248)], trnL [46740..46774], trnL [47301..47350], trnV [complement(50984..51018)], trnV [complement(51622..51660)], rps12 [140156..140387], rps12 [140925..140950], clpP [complement(69728..69955)], clpP [complement(70533..70824)], clpP [complement(71707..71777)], petB [74715..74720], petB [75520..76161], petD [76359..76366], petD [77098..77572], rpl16 [complement(80987..81385)], rpl16 [complement(82489..82497)], rpl2 [complement(84196..84630)], rpl2 [complement(85313..85702)], ndhB [complement(94772..95533)], ndhB [complement(96219..96941)], trnI [102628..102664], trnI [103612..103646], trnA [103711..103748], trnA [104549..104583], ndhA [complement(120088..120617)], ndhA [complement(121709..122261)], trnA [complement(134196..134230)], trnA [complement(135031..135068)], trnI [complement(135133..135167)], trnI [complement(136115..136151)], ndhB [141838..142560], ndhB [143246..144007], rpl2 [153077..153466], rpl2 [154149..154583]</p>	<p>[complement(5102..5981)], trnG [8431..9147], atpF [complement(11716..12451)], rpoC1 [complement(21664..22446)], ycf3 [complement(42393..43183)], ycf3 [complement(43412..44122)], trnL [46775..47300], trnV [complement(51019..51621)], clpP [complement(69956..70532)], clpP [complement(70825..71706)], petB [74721..75519], petD [76367..77097], rpl16 [complement(81386..82488)], rpl2 [complement(84631..85312)], ndhB [complement(95534..96218)], trnI [102665..103611], trnA [103749..104548], ndhA [complement(120618..121708)], trnA [complement(134231..135030)], trnI [complement(135168..136114)], ndhB [142561..143245], rpl2 [153467..154148]</p>
2040.	LEVR	64	<p>rps12 [complement(88545..88573)], rps12 [complement(89114..89345)], rps12 [complement(67251..67364)], trnK-UUU [complement(1412..1446)], trnK-UUU [complement(3928..3964)], rps16 [complement(4513..4730)], rps16 [complement(5524..5563)], trnG-UCC [complement(12915..12962)], trnG-UCC [complement(13645..13667)], atpF [33078..33222], atpF [34060..34466], ycf3 [complement(42220..42378)], ycf3 [complement(43109..43338)], ycf3 [complement(44082..44205)], trnL-UAA [46937..46971], trnL-UAA [47520..47569], trnV-UAC [complement(51095..51129)], trnV-UAC [complement(51729..51767)], rps12 [125441..125672], rps12 [126213..126241], petB [71083..71088], petB [71863..72504], petD [72704..72711], petD [73452..73926], rpl16 [complement(77459..77860)],</p>	<p>trnK-UUU [complement(1447..3927)], rps16 [complement(4731..5523)], trnG-UCC [complement(12963..13644)], atpF [33223..34059], ycf3 [complement(42379..43108)], ycf3 [complement(43339..44081)], trnL-UAA [46972..47519], trnV-UAC [complement(51130..51728)], petB [71089..71862], petD [72712..73451], rpl16 [complement(77861..78879)], rpl2 [complement(81289..81957)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(78880..78888)], rpl2 [complement(80857..81288)], rpl2 [complement(81958..82341)], ndhB [complement(85472..86227)], ndhB [complement(86940..87716)], trnI-GAU [93175..93211], trnI-GAU [93928..93962], trnA-UGC [94028..94065], trnA-UGC [94876..94910], ndhA [complement(110418..110956)], ndhA [complement(111985..112534)], trnA-UGC [complement(119876..119910)], trnA-UGC [complement(120721..120758)], trnI-GAU [complement(120824..120858)], trnI-GAU [complement(121575..121611)], ndhB [127070..127846], ndhB [128559..129314], rpl2 [132445..132828], rpl2 [133498..133929]	[complement(86228..86939)], trnI-GAU [93212..93927], trnA-UGC [94066..94875], ndhA [complement(110957..111984)], trnA-UGC [complement(119911..120720)], trnI-GAU [complement(120859..121574)], ndhB [127847..128558], rpl2 [132829..133497]
2041.	LEZE	55	rps12 [complement(93537..93565)], rps12 [complement(94286..94337)], rps12 [complement(70319..70432)], trnK-UUU [complement(1380..1412)], trnK-UUU [complement(3964..4000)], rps16 [complement(4590..4807)], rps16 [complement(5651..5690)], atpF [34958..35102], atpF [35937..36343], ycf3 [complement(44093..44251)], ycf3 [complement(44970..45197)], ycf3 [complement(45968..46099)], trnL-UAA [complement(48714..48748)], trnL-UAA [complement(49285..49334)], rps12 [131208..131439], rps12 [131980..132008], petB [74902..74906], petB [74958..75600], rpl16 [complement(80694..81098)], rpl16 [complement(82171..82179)], rpl2 [complement(84198..84628)], rpl2 [complement(85292..85682)], ndhB [complement(90464..91219)], ndhB [complement(91932..92708)], trnI-GAU [complement(98206..98247)], trnI-GAU [complement(99119..99153)], trnA-UGC [complement(99218..99256)], trnA-UGC [complement(100066..100099)], ndhA [complement(116034..116399)], ndhA [complement(117601..118149)], trnA-UGC [complement(125446..125479)], trnA-UGC [complement(126289..126327)], trnI-GAU [complement(126392..126426)], trnI-GAU [complement(127298..127339)], ndhB [132837..133613], ndhB [134326..135081], rpl2 [139863..140253], rpl2 [140917..141347]	trnK-UUU [complement(1413..3963)], rps16 [complement(4808..5650)], atpF [35103..35936], ycf3 [complement(44252..44969)], ycf3 [complement(45198..45967)], trnL-UAA [complement(48749..49284)], petB [74907..74957], rpl16 [complement(81099..82170)], rpl2 [complement(84629..85291)], ndhB [complement(91220..91931)], trnI-GAU [complement(98248..99118)], trnA-UGC [complement(99257..100065)], ndhA [complement(116400..117600)], trnA-UGC [complement(125480..126288)], trnI-GAU [complement(126427..127297)], ndhB [133614..134325], rpl2 [140254..140916]
2042.	LIAA	3	ndhA [complement(113729..114278)]	trnV-UAC [complement(51355..51950)], ndhA [complement(112699..113728)]
2043.	LIAL	70	rps12 [complement(103021..103046)], rps12 [complement(103583..103814)], rps12 [complement(73823..73936)], trnK-UUU [complement(1852..1886)],	trnK-UUU [complement(1887..4426)], trnG-GCC [8307..9031], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4427..4463)], trnG-GCC [8284..8306], trnG-GCC [9032..9077], atpF [complement(11699..12109)], atpF [complement(12902..13045)], rpoC1 [complement(21223..22833)], rpoC1 [complement(23615..24046)], ycf3 [complement(45232..45384)], ycf3 [complement(46089..46316)], ycf3 [complement(47047..47172)], trnL-UAA [49440..49476], trnL-UAA [50056..50105], trnV-UAC [complement(54143..54179)], trnV-UAC [complement(54787..54825)], rps12 [complement(73823..73936)], rps12 [147581..147812], rps12 [148349..148374], clpP [complement(74101..74326)], clpP [complement(74948..75240)], clpP [complement(76107..76175)], petB [79180..79185], petB [80022..80663], petD [80857..80864], petD [81658..82132], rpl16 [complement(85889..86287)], rpl16 [complement(87385..87393)], rpl2 [complement(89246..89680)], rpl2 [complement(90356..90754)], ndhB [complement(99961..100716)], ndhB [complement(101405..102181)], trnI-GAU [107811..107852], trnI-GAU [108800..108834], trnA-UGC [108899..108936], trnA-UGC [109745..109779], ndhA [complement(126595..127134)], ndhA [complement(128321..128890)], trnA-UGC [complement(141616..141650)], trnA-UGC [complement(142459..142496)], trnI-GAU [complement(142561..142595)], trnI-GAU [complement(143543..143584)], ndhB [149214..149990], ndhB [150679..151434], rpl2 [160641..161039], rpl2 [161715..162149]	[complement(12110..12901)], rpoC1 [complement(22834..23614)], ycf3 [complement(45385..46088)], ycf3 [complement(46317..47046)], trnL-UAA [49477..50055], trnV-UAC [complement(54180..54786)], clpP [complement(74327..74947)], clpP [complement(75241..76106)], petB [79186..80021], petD [80865..81657], rpl16 [complement(86288..87384)], rpl2 [complement(89681..90355)], ndhB [complement(100717..101404)], trnI-GAU [107853..108799], trnA-UGC [108937..109744], ndhA [complement(127135..128320)], trnA-UGC [complement(141651..142458)], trnI-GAU [complement(142596..143542)], ndhB [149991..150678], rpl2 [161040..161714]
2044.	LIAM	72	rps12 [complement(95857..95882)], rps12 [complement(96425..96656)], rps12 [complement(67385..67498)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4025..4061)], rps16 [complement(4811..5020)], rps16 [complement(5917..5958)], trnG-UCC [8271..8294], trnG-UCC [8977..9024], atpF [complement(10950..11360)], atpF [complement(12144..12287)], rpoC1 [complement(20159..21790)], rpoC1 [complement(22565..22999)], ycf3 [complement(40413..40571)], ycf3 [complement(41279..41506)], ycf3 [complement(42236..42361)], trnL-UAA [45071..45105], trnL-UAA [45648..45697], trnV-UAC [complement(49130..49166)], trnV-UAC [complement(49771..49807)], rps12 [137913..138144], rps12 [138687..138712], clpP [complement(67653..67904)], clpP	trnK-UUU [complement(1404..4024)], rps16 [complement(5021..5916)], trnG-UCC [8295..8976], atpF [complement(11361..12143)], rpoC1 [complement(21791..22564)], ycf3 [complement(40572..41278)], ycf3 [complement(41507..42235)], trnL-UAA [45106..45647], trnV-UAC [complement(49167..49770)], clpP [complement(67905..68490)], clpP [complement(68783..69574)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(68491..68782)], clpP [complement(69575..69645)], petB [72574..72579], petB [73400..74041], petD [74249..74256], petD [75007..75496], rpl16 [complement(78994..79392)], rpl16 [complement(80441..80449)], rpl2 [complement(82402..82833)], rpl2 [complement(83509..83898)], ndhB [complement(92807..93562)], ndhB [complement(94245..95021)], trnI-GAU [100592..100628], trnI-GAU [101566..101600], trnA-UGC [101664..101701], trnA-UGC [102512..102546], ndhA [complement(117640..118180)], ndhA [complement(119225..119775)], trnA-UGC [complement(132023..132057)], trnA-UGC [complement(132868..132905)], trnI-GAU [complement(132969..133003)], trnI-GAU [complement(133941..133977)], ndhB [139548..140324], ndhB [141007..141762], rpl2 [150671..151060], rpl2 [151736..152167]	[72580..73399], petD [74257..75006], rpl16 [complement(79393..80440)], rpl2 [complement(82834..83508)], ndhB [complement(93563..94244)], trnI-GAU [100629..101565], trnA-UGC [101702..102511], ndhA [complement(118181..119224)], trnA-UGC [complement(132058..132867)], trnI-GAU [complement(133004..133940)], ndhB [140325..141006], rpl2 [151061..151735]
2045.	LIBA	70	rps12 [complement(104524..104766)], rps12 [complement(75758..75871)], trnK-UUU [complement(1859..1893)], trnK-UUU [complement(4400..4436)], rps16 [complement(5503..5736)], rps16 [complement(6634..6675)], trnG-GCC [10568..10590], trnG-GCC [11328..11364], atpF [complement(13553..13963)], atpF [complement(14756..14899)], rpoC1 [complement(23049..24674)], rpoC1 [complement(25501..25932)], ycf3 [complement(47552..47704)], ycf3 [complement(48466..48693)], ycf3 [complement(49415..49540)], trnL-UAA [52648..52684], trnL-UAA [53167..53216], trnV-UAC [complement(56761..56797)], trnV-UAC [complement(57428..57465)], rps12 [146851..147093], clpP [complement(76035..76262)], clpP [complement(76909..77202)], clpP [complement(78058..78126)], petB [81069..81074], petB [81917..82558], petD [82767..82775], petD [83421..83894], rpl16 [complement(87406..87803)], rpl16 [complement(88907..88916)], rpl2 [complement(90658..91128)], rpl2 [complement(91777..92166)], ndhB [complement(100916..101671)], ndhB [complement(102352..103128)], trnI-GAU [108562..108603], trnI-GAU [109554..109588], trnA-UGC [109653..109690], trnA-UGC [110493..110527], ndhA [complement(126619..127155)], ndhA [complement(128200..128751)], trnA-UGC [complement(141090..141124)], trnA-UGC [complement(141927..141964)], trnI-GAU [complement(142029..142063)],	trnK-UUU [complement(1894..4399)], rps16 [complement(5737..6633)], trnG-GCC [10591..11327], atpF [complement(13964..14755)], rpoC1 [complement(24675..25500)], ycf3 [complement(47705..48465)], ycf3 [complement(48694..49414)], trnL-UAA [52685..53166], trnV-UAC [complement(56798..57427)], clpP [complement(76263..76908)], clpP [complement(77203..78057)], petB [81075..81916], petD [82776..83420], rpl16 [complement(87804..88906)], rpl2 [complement(91129..91776)], ndhB [complement(101672..102351)], trnI-GAU [108604..109553], trnA-UGC [109691..110492], ndhA [complement(127156..128199)], trnA-UGC [complement(141125..141926)], trnI-GAU [complement(142064..143013)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(143014..143055)], ndhB [148489..149265], ndhB [149946..150701], rpl2 [159451..159840], rpl2 [160489..160959]	[149266..149945], rpl2 [159841..160488]
2046.	LIBK	72	rps12 [complement(95128..95154)], rps12 [complement(95696..95926)], rps12 [complement(66790..66903)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(4025..4061)], rps16 [complement(4801..5010)], rps16 [complement(5901..5939)], trnG-GCC [8411..8434], trnG-GCC [9121..9157], atpF [complement(11101..11511)], atpF [complement(12291..12434)], rpoC1 [complement(20319..21943)], rpoC1 [complement(22721..23150)], ycf3 [complement(40315..40473)], ycf3 [complement(41197..41424)], ycf3 [complement(42142..42267)], trnL-UAA [45023..45057], trnL-UAA [45593..45642], trnV-UAC [complement(49069..49105)], trnV-UAC [complement(49700..49738)], rps12 [136954..137185], rps12 [137727..137752], clpP [complement(67050..67301)], clpP [complement(67883..68173)], clpP [complement(68962..69030)], petB [71959..71964], petB [72767..73423], petD [73632..73639], petD [74389..74884], rpl16 [complement(78357..78767)], rpl16 [complement(79756..79764)], rpl2 [complement(81630..82061)], rpl2 [complement(82734..83120)], ndhB [complement(92080..92835)], ndhB [complement(93485..94294)], trnI-GAU [99867..99908], trnI-GAU [100841..100875], trnA-UGC [100939..100976], trnA-UGC [101787..101821], ndhA [complement(116801..117340)], ndhA [complement(118389..118940)], trnA-UGC [complement(131059..131093)], trnA-UGC [complement(131904..131941)], trnI-GAU [complement(132005..132039)], trnI-GAU [complement(132972..133013)], ndhB [138586..139395], ndhB [140045..140800], rpl2 [149760..150146], rpl2 [150819..151250]	trnK-UUU [complement(1412..4024)], rps16 [complement(5011..5900)], trnG-GCC [8435..9120], atpF [complement(11512..12290)], rpoC1 [complement(21944..22720)], ycf3 [complement(40474..41196)], ycf3 [complement(41425..42141)], trnL-UAA [45058..45592], trnV-UAC [complement(49106..49699)], clpP [complement(67302..67882)], clpP [complement(68174..68961)], petB [71965..72766], petD [73640..74388], rpl16 [complement(78768..79755)], rpl2 [complement(82062..82733)], ndhB [complement(92836..93484)], trnI-GAU [99909..100840], trnA-UGC [100977..101786], ndhA [complement(117341..118388)], trnA-UGC [complement(131094..131903)], trnI-GAU [complement(132040..132971)], ndhB [139396..140044], rpl2 [150147..150818]
2047.	LIBO	65	rps12 [complement(102617..102642)], rps12 [complement(103179..103410)], rps12 [complement(75207..75320)], trnK-UUU [complement(1888..1922)], trnK-UUU [complement(4476..4512)], rps16 [complement(5104..5333)], rps16 [complement(6194..6233)], trnG-GCC [10138..10158], trnG-GCC [10865..10911], atpF [complement(12866..13276)], atpF [complement(13991..14134)], rpoC1 [complement(22155..23771)], rpoC1 [complement(24542..24973)], ycf3 [complement(44921..45073)], ycf3	trnK-UUU [complement(1923..4475)], rps16 [complement(5334..6193)], trnG-GCC [10159..10864], atpF [complement(13277..13990)], rpoC1 [complement(23772..24541)], ycf3 [complement(45074..45846)], ycf3 [complement(46077..46821)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45847..46076)], ycf3 [complement(46822..46945)], trnL-UAA [49580..49616], trnL-UAA [50124..50176], trnV-UAC [complement(54020..54056)], trnV-UAC [complement(54633..54671)], rps12 [complement(75207..75320)], rps12 [144258..144489], rps12 [145026..145057], petB [79070..79075], petB [79837..80478], petD [80672..80679], petD [81463..81937], rpl16 [complement(85516..85914)], rpl16 [complement(87009..87017)], rpl2 [complement(88759..89192)], rpl2 [complement(89865..90255)], ndhB [complement(99537..100292)], ndhB [complement(100972..101748)], trnI-GAU [107403..107439], trnI-GAU [108387..108419], trnA-UGC [108486..108523], trnA-UGC [109329..109363], ndhA [complement(123926..124464)], ndhA [complement(125596..126148)], trnA-UGC [complement(138311..138345)], trnA-UGC [complement(139151..139188)], trnI-GAU [complement(139253..139287)], trnI-GAU [complement(140235..140271)], ndhB [145926..146702], ndhB [147382..148137]	[49617..50123], trnV-UAC [complement(54057..54632)], petB [79076..79836], petD [80680..81462], rpl16 [complement(85915..87008)], rpl2 [complement(89193..89864)], ndhB [complement(100293..100971)], trnI-GAU [107440..108386], trnA-UGC [108524..109328], ndhA [complement(124465..125595)], trnA-UGC [complement(138346..139150)], trnI-GAU [complement(139288..140234)], ndhB [146703..147381]
2048.	LIBR	72	rps12 [complement(95978..96004)], rps12 [complement(96547..96777)], rps12 [complement(67508..67621)], trnK-UUU [complement(1369..1402)], trnK-UUU [complement(4042..4078)], rps16 [complement(4819..5030)], rps16 [complement(5914..5953)], trnG-GCC [8289..8312], trnG-GCC [9005..9041], atpF [complement(10983..11393)], atpF [complement(12178..12321)], rpoC1 [complement(20213..21837)], rpoC1 [complement(22603..23032)], ycf3 [complement(40488..40645)], ycf3 [complement(41354..41582)], ycf3 [complement(42312..42437)], trnL-UAA [45169..45203], trnL-UAA [45737..45786], trnV-UAC [complement(49231..49267)], trnV-UAC [complement(49870..49908)], rps12 [137995..138226], rps12 [138769..138794], clpP [complement(67775..68026)], clpP [complement(68615..68905)], clpP [complement(69717..69785)], petB [72713..72718], petB [73513..74172], petD [74382..74389], petD [75134..75614], rpl16 [complement(79133..79543)], rpl16 [complement(80540..80548)], rpl2 [complement(82495..82925)], rpl2 [complement(83601..83985)], ndhB [complement(92928..93683)], ndhB [complement(94333..95142)], trnI-GAU [100697..100738], trnI-GAU	trnK-UUU [complement(1403..4041)], rps16 [complement(5031..5913)], trnG-GCC [8313..9004], atpF [complement(11394..12177)], rpoC1 [complement(21838..22602)], ycf3 [complement(40646..41353)], ycf3 [complement(41583..42311)], trnL-UAA [45204..45736], trnV-UAC [complement(49268..49869)], clpP [complement(68027..68614)], clpP [complement(68906..69716)], petB [72719..73512], petD [74390..75133], rpl16 [complement(79544..80539)], rpl2 [complement(82926..83600)], ndhB [complement(93684..94332)], trnI-GAU [100739..101670], trnA-UGC [101807..102616], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101671..101705], trnA-UGC [101769..101806], trnA-UGC [102617..102651], ndhA [complement(117775..118314)], ndhA [complement(119315..119866)], trnA-UGC [complement(132121..132155)], trnA-UGC [complement(132966..133003)], trnI-GAU [complement(133067..133101)], trnI-GAU [complement(134034..134075)], ndhB [139630..140406], ndhB [141089..141844], rpl2 [150787..151173], rpl2 [151846..152277]	[complement(118315..119314)], trnA-UGC [complement(132156..132965)], trnI-GAU [complement(133102..134033)], ndhB [140407..141088], rpl2 [151174..151845]
2049.	LIBU	72	rps12 [complement(95939..95964)], rps12 [complement(96507..96738)], rps12 [complement(67429..67542)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4025..4061)], rps16 [complement(4810..5021)], rps16 [complement(5913..5952)], trnG-UCC [8268..8291], trnG-UCC [8974..9021], atpF [complement(10947..11357)], atpF [complement(12141..12284)], rpoC1 [complement(20169..21800)], rpoC1 [complement(22578..23012)], ycf3 [complement(40385..40543)], ycf3 [complement(41251..41478)], ycf3 [complement(42215..42340)], trnL-UAA [45061..45095], trnL-UAA [45630..45679], trnV-UAC [complement(49116..49150)], trnV-UAC [complement(49755..49793)], rps12 [138032..138263], rps12 [138806..138831], clpP [complement(67696..67947)], clpP [complement(68540..68831)], clpP [complement(69626..69696)], petB [72625..72630], petB [73444..74091], petD [74299..74304], petD [75055..75546], rpl16 [complement(79068..79466)], rpl16 [complement(80520..80528)], rpl2 [complement(82484..82915)], rpl2 [complement(83591..83980)], ndhB [complement(92889..93644)], ndhB [complement(94327..95103)], trnI-GAU [100674..100710], trnI-GAU [101648..101682], trnA-UGC [101746..101783], trnA-UGC [102594..102628], ndhA [complement(117758..118297)], ndhA [complement(119343..119894)], trnA-UGC [complement(132142..132176)], trnA-UGC [complement(132987..133024)], trnI-GAU [complement(133088..133122)], trnI-GAU [complement(134060..134096)], ndhB [139667..140443], ndhB [141126..141881], rpl2 [150790..151179], rpl2 [151855..152286]	trnK-UUU [complement(1404..4024)], rps16 [complement(5022..5912)], trnG-UCC [8292..8973], atpF [complement(11358..12140)], rpoC1 [complement(21801..22577)], ycf3 [complement(40544..41250)], ycf3 [complement(41479..42214)], trnL-UAA [45096..45629], trnV-UAC [complement(49151..49754)], clpP [complement(67948..68539)], clpP [complement(68832..69625)], petB [72631..73443], petD [74305..75054], rpl16 [complement(79467..80519)], rpl2 [complement(82916..83590)], ndhB [complement(93645..94326)], trnI-GAU [100711..101647], trnA-UGC [101784..102593], ndhA [complement(118298..119342)], trnA-UGC [complement(132177..132986)], trnI-GAU [complement(133123..134059)], ndhB [140444..141125], rpl2 [151180..151854]
2050.	LICA	56	rps12 [complement(104801..104826)], rps12 [complement(105363..105594)], rps12 [complement(75586..75699)], trnK-UUU [complement(3548..3582)], trnK-UUU [complement(6123..6159)], trnG-GCC [9990..10012], trnG-GCC	trnG-GCC [10013..10739], trnL-UAA [51216..51795], trnV-UAC [complement(55912..56518)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10740..10785], atpF [complement(13426..13836)], atpF [complement(14631..14774)], rpoC1 [complement(22939..24549)], rpoC1 [complement(25336..25767)], ycf3 [complement(46956..47108)], ycf3 [complement(47811..48038)], ycf3 [complement(48769..48894)], trnL-UAA [51179..51215], trnL-UAA [51796..51844], trnV-UAC [complement(55875..55911)], trnV-UAC [complement(56519..56557)], rps12 [complement(75586..75699)], rps12 [149361..149592], rps12 [150129..150154], clpP [complement(75864..76089)], clpP [complement(76717..77009)], clpP [complement(77874..77942)], petB [80950..80955], petB [81791..82432], petD [82626..82633], petD [83427..83901], rpl16 [complement(87660..88058)], rpl16 [complement(89163..89171)], rpl2 [complement(91026..91460)], rpl2 [complement(92136..92534)], ndhB [complement(101741..102496)], ndhB [complement(103185..103961)], trnI-GAU [109591..109632], trnI-GAU [110580..110614], trnA-UGC [110679..110716], trnA-UGC [111525..111559], ndhA [complement(128378..128917)], ndhA [complement(130106..130675)], trnA-UGC [complement(143396..143430)], trnA-UGC [complement(144239..144276)], trnI-GAU [complement(144341..144375)], trnI-GAU [complement(145323..145364)], ndhB [150994..151770], ndhB [152459..153214], rpl2 [162421..162819], rpl2 [163495..163929]</p>	<p>[complement(76090..76716)], clpP [complement(77010..77873)], trnI-GAU [109633..110579], trnI-GAU [complement(144376..145322)], rpl2 [162820..163494]</p>
2051.	LICE	72	<p>rps12 [complement(95914..95940)], rps12 [complement(96483..96713)], rps12 [complement(67434..67547)], trnK-UUU [complement(1369..1402)], trnK-UUU [complement(4025..4061)], rps16 [complement(4811..5022)], rps16 [complement(5915..5954)], trnG-GCC [8261..8284], trnG-GCC [8977..9013], atpF [complement(10945..11355)], atpF [complement(12140..12283)], rpoC1 [complement(20162..21786)], rpoC1 [complement(22563..22992)], ycf3 [complement(40444..40602)], ycf3 [complement(41310..41537)], ycf3 [complement(42267..42392)], trnL-UAA [45102..45136], trnL-UAA [45675..45724], trnV-UAC [complement(49156..49192)], trnV-UAC [complement(49795..49833)], rps12 [137950..138180], rps12 [138723..138749], clpP [complement(67702..67953)], clpP [complement(68543..68833)], clpP [complement(69627..69695)], petB</p>	<p>trnK-UUU [complement(1403..4024)], rps16 [complement(5023..5914)], trnG-GCC [8285..8976], atpF [complement(11356..12139)], rpoC1 [complement(21787..22562)], ycf3 [complement(40603..41309)], ycf3 [complement(41538..42266)], trnL-UAA [45137..45674], trnV-UAC [complement(49193..49794)], clpP [complement(67954..68542)], clpP [complement(68834..69626)], petB [72630..73452], petD [74310..75053], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72624..72629], petB [73453..74094], petD [74302..74309], petD [75054..75549], rpl16 [complement(79053..79451)], rpl16 [complement(80500..80508)], rpl2 [complement(82459..82890)], rpl2 [complement(83563..83949)], ndhB [complement(92864..93619)], ndhB [complement(94269..95078)], trnI-GAU [100638..100679], trnI-GAU [101612..101646], trnA-UGC [101710..101747], trnA-UGC [102558..102592], ndhA [complement(117691..118230)], ndhA [complement(119275..119826)], trnA-UGC [complement(132071..132105)], trnA-UGC [complement(132916..132953)], trnI-GAU [complement(133017..133051)], trnI-GAU [complement(133984..134025)], ndhB [139585..140394], ndhB [141044..141799], rpl2 [150708..151098], rpl2 [151774..152204]	[complement(79452..80499)], rpl2 [complement(82891..83562)], ndhB [complement(93620..94268)], trnI-GAU [100680..101611], trnA-UGC [101748..102557], ndhA [complement(118231..119274)], trnA-UGC [complement(132106..132915)], trnI-GAU [complement(133052..133983)], ndhB [140395..141043], rpl2 [151099..151773]
2052.	LICH	44	rps12 [complement(73325..73438)], trnK-UUU [complement(1832..1866)], trnK-UUU [complement(4352..4388)], trnG-GCC [10070..10093], trnG-GCC [10886..10922], trnL-UAA [49770..49804], trnL-UAA [50296..50345], trnV-UAC [complement(54491..54527)], trnV-UAC [complement(55115..55153)], rps12 [complement(73325..73438)], rps12 [145659..145685], trnI-GAU [106217..106258], trnI-GAU [107197..107231], trnA-UGC [107296..107333], trnA-UGC [108133..108167], trnA-UGC [complement(139029..139063)], trnA-UGC [complement(139863..139900)], trnI-GAU [complement(139965..139999)], trnI-GAU [complement(140938..140979)], rpl2 [157904..158290], rpl2 [158949..159380]	trnK-UUU [complement(1867..4351)], rps16 [complement(5276..6102)], trnG-GCC [10094..10885], atpF [complement(13251..13954)], rpoC1 [complement(23744..24472)], ycf3 [complement(45340..46069)], ycf3 [complement(46298..47040)], trnL-UAA [49805..50295], trnV-UAC [complement(54528..55114)], clpP [complement(73831..74454)], clpP [complement(74746..75528)], petB [78487..79275], petD [80124..80817], rpl16 [complement(85167..86124)], rpl2 [complement(88248..88905)], ndhB [complement(99190..99889)], trnI-GAU [106259..107196], trnA-UGC [107334..108132], ndhA [complement(125121..126197)], trnA-UGC [complement(139064..139862)], trnI-GAU [complement(140000..140937)], ndhB [147307..148006], rpl2 [158291..158948]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2053.	LICI	73	rps12 [complement(101110..101135)], rps12 [complement(101677..101908)], rps12 [complement(72458..72571)], trnK-UUU [complement(1777..1811)], trnK-UUU [complement(4323..4359)], rps16 [complement(5113..5339)], rps16 [complement(6177..6216)], trnG-UCC [9151..9173], trnG-UCC [9904..9952], atpF [complement(12002..12411)], atpF [complement(13168..13312)], rpoC1 [complement(21399..23009)], rpoC1 [complement(23724..24155)], ycf3 [complement(44955..45107)], ycf3 [complement(45853..46082)], ycf3 [complement(46818..46941)], trnL-UAA [49652..49686], trnL-UAA [50223..50272], trnV-UAC [complement(54045..54079)], trnV-UAC [complement(54680..54718)], rps12 [complement(72458..72571)], rps12 [146367..146598], rps12 [147140..147165], clpP [complement(72725..72952)], clpP [complement(73608..73899)], clpP [complement(74767..74837)], petB [77773..77778], petB [78577..79218], petD [79450..79457], petD [80270..80744], rpl16 [complement(84234..84632)], rpl16 [complement(85675..85683)], rpl2 [complement(87387..87820)], rpl2 [complement(88484..88874)], ndhB [complement(98070..98816)], ndhB [complement(99489..100265)], trnI-GAU [105789..105825], trnI-GAU [106782..106816], trnA-UGC [106881..106918], trnA-UGC [107759..107793], ndhA [complement(125759..126297)], ndhA [complement(127408..127960)], trnA-UGC [complement(140482..140516)], trnA-UGC [complement(141357..141394)], trnI-GAU [complement(141459..141493)], trnI-GAU [complement(142450..142486)], ndhB [148010..148786], ndhB [149459..150205], rpl2 [159401..159791], rpl2 [160455..160888]	trnK-UUU [complement(1812..4322)], rps16 [complement(5340..6176)], trnG-UCC [9174..9903], atpF [complement(12412..13167)], rpoC1 [complement(23010..23723)], ycf3 [complement(45108..45852)], ycf3 [complement(46083..46817)], trnL-UAA [49687..50222], trnV-UAC [complement(54080..54679)], clpP [complement(72953..73607)], clpP [complement(73900..74766)], petB [77779..78576], petD [79458..80269], rpl16 [complement(84633..85674)], rpl2 [complement(87821..88483)], ndhB [complement(98817..99488)], trnI-GAU [105826..106781], trnA-UGC [106919..107758], ndhA [complement(126298..127407)], trnA-UGC [complement(140517..141356)], trnI-GAU [complement(141494..142449)], ndhB [148787..149458], rpl2 [159792..160454]
2054.	LICL	72	rps12 [complement(95896..95921)], rps12 [complement(96464..96695)], rps12 [complement(67437..67550)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4023..4059)], rps16 [complement(4809..5018)], rps16 [complement(5915..5956)], trnG-UCC [8268..8291], trnG-UCC [8974..9021], atpF [complement(10953..11363)], atpF [complement(12147..12290)], rpoC1 [complement(20148..21779)], rpoC1 [complement(22552..22986)], ycf3 [complement(40422..40582)], ycf3 [complement(41290..41515)], ycf3 [complement(42245..42370)], trnL-UAA [45089..45123], trnL-UAA [45666..45715], trnV-UAC [complement(49148..49184)], trnV-UAC	trnK-UUU [complement(1404..4022)], rps16 [complement(5019..5914)], trnG-UCC [8292..8973], atpF [complement(11364..12146)], rpoC1 [complement(21780..22551)], ycf3 [complement(40583..41289)], ycf3 [complement(41516..42244)], trnL-UAA [45124..45665], trnV-UAC [complement(49185..49788)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(49789..49825)], rps12 [137972..138203], rps12 [138746..138771], clpP [complement(67705..67956)], clpP [complement(68540..68831)], clpP [complement(69624..69694)], petB [72612..72617], petB [73436..74080], petD [74288..74295], petD [75046..75535], rpl16 [complement(79033..79431)], rpl16 [complement(80480..80488)], rpl2 [complement(82441..82871)], rpl2 [complement(83547..83937)], ndhB [complement(92846..93601)], ndhB [complement(94284..95060)], trnI-GAU [100631..100667], trnI-GAU [101605..101639], trnA-UGC [101703..101740], trnA-UGC [102551..102585], ndhA [complement(117695..118235)], ndhA [complement(119280..119830)], trnA-UGC [complement(132082..132116)], trnA-UGC [complement(132927..132964)], trnI-GAU [complement(133028..133062)], trnI-GAU [complement(134000..134036)], ndhB [139607..140383], ndhB [141066..141821], rpl2 [150730..151119], rpl2 [151795..152226]	[complement(67957..68539)], clpP [complement(68832..69623)], petB [72618..73435], petD [74296..75045], rpl16 [complement(79432..80479)], rpl2 [complement(82872..83546)], ndhB [complement(93602..94283)], trnI-GAU [100668..101604], trnA-UGC [101741..102550], ndhA [complement(118236..119279)], trnA-UGC [complement(132117..132926)], trnI-GAU [complement(133063..133999)], ndhB [140384..141065], rpl2 [151120..151794]
2055.	LICN	72	rps12 [complement(95338..95363)], rps12 [complement(95905..96136)], rps12 [complement(66900..67013)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4031..4067)], rps16 [complement(4816..5027)], rps16 [complement(5914..5953)], trnG-UCC [8300..8323], trnG-UCC [9005..9052], atpF [complement(10985..11395)], atpF [complement(12189..12332)], rpoC1 [complement(20218..21849)], rpoC1 [complement(22606..23040)], ycf3 [complement(39915..40073)], ycf3 [complement(40782..41009)], ycf3 [complement(41746..41871)], trnL-UAA [44579..44613], trnL-UAA [45141..45190], trnV-UAC [complement(48627..48661)], trnV-UAC [complement(49270..49308)], rps12 [137447..137678], rps12 [138220..138245], clpP [complement(67167..67418)], clpP [complement(68011..68302)], clpP [complement(69090..69160)], petB [72086..72091], petB [72897..73544], petD [73752..73757], petD [74508..74999], rpl16 [complement(78531..78929)], rpl16 [complement(79945..79953)], rpl2 [complement(81882..82313)], rpl2 [complement(82990..83379)], ndhB [complement(92288..93043)], ndhB [complement(93726..94502)], trnI-GAU [100072..100108], trnI-GAU [101046..101080], trnA-UGC [101144..101181], trnA-UGC [101982..102016],	trnK-UUU [complement(1404..4030)], rps16 [complement(5028..5913)], trnG-UCC [8324..9004], atpF [complement(11396..12188)], rpoC1 [complement(21850..22605)], ycf3 [complement(40074..40781)], ycf3 [complement(41010..41745)], trnL-UAA [44614..45140], trnV-UAC [complement(48662..49269)], clpP [complement(67419..68010)], clpP [complement(68303..69089)], petB [72092..72896], petD [73758..74507], rpl16 [complement(78930..79944)], rpl2 [complement(82314..82989)], ndhB [complement(93044..93725)], trnI-GAU [100109..101045], trnA-UGC [101182..101981], ndhA [complement(117718..118776)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(117178..117717)], ndhA [complement(118777..119328)], trnA-UGC [complement(131567..131601)], trnA-UGC [complement(132402..132439)], trnI-GAU [complement(132503..132537)], trnI-GAU [complement(133475..133511)], ndhB [139081..139857], ndhB [140540..141295], rpl2 [150204..150593], rpl2 [151270..151701]	[complement(131602..132401)], trnI-GAU [complement(132538..133474)], ndhB [139858..140539], rpl2 [150594..151269]
2056.	LICO	67	rps12 [complement(101939..102181)], rps12 [complement(72524..72661)], trnK-UUU [complement(1782..1810)], trnK-UUU [complement(4325..4361)], rps16 [complement(5221..5450)], rps16 [complement(6326..6365)], atpF [complement(12253..12660)], atpF [complement(13363..13521)], rpoC1 [complement(21840..23456)], rpoC1 [complement(24245..24676)], ycf3 [complement(45067..45219)], ycf3 [complement(46021..46248)], ycf3 [complement(46975..47100)], trnL-UAA [49937..49973], trnL-UAA [50497..50546], trnV-UAC [complement(54029..54065)], trnV-UAC [complement(54667..54705)], rps12 [143446..143688], clpP [complement(72778..73053)], clpP [complement(73685..73975)], clpP [complement(74768..74836)], petB [77802..77807], petB [78609..79262], petD [79467..79474], petD [80196..80670], rpl16 [complement(84390..84791)], rpl16 [complement(86011..86019)], rpl2 [complement(87775..88209)], rpl2 [complement(88872..89264)], ndhB [complement(98330..99085)], ndhB [complement(99771..100547)], trnI-GAU [106139..106180], trnI-GAU [107129..107163], trnA-UGC [107228..107265], trnA-UGC [108068..108102], ndhA [complement(123030..123569)], ndhA [complement(124825..125376)], trnA-UGC [complement(137525..137559)], trnA-UGC [complement(138362..138399)], trnI-GAU [complement(138464..138498)], trnI-GAU [complement(139447..139488)], ndhB [145080..145856], ndhB [146542..147297], rpl2 [156363..156755], rpl2 [157418..157852]	trnK-UUU [complement(1811..4324)], rps16 [complement(5451..6325)], atpF [complement(12661..13362)], rpoC1 [complement(23457..24244)], ycf3 [complement(45220..46020)], ycf3 [complement(46249..46974)], trnL-UAA [49974..50496], trnV-UAC [complement(54066..54666)], clpP [complement(73054..73684)], clpP [complement(73976..74767)], petB [77808..78608], petD [79475..80195], rpl16 [complement(84792..86010)], rpl2 [complement(88210..88871)], ndhB [complement(99086..99770)], trnI-GAU [106181..107128], trnA-UGC [107266..108067], ndhA [complement(123570..124824)], trnA-UGC [complement(137560..138361)], trnI-GAU [complement(138499..139446)], ndhB [145857..146541], rpl2 [156756..157417]
2057.	LIDI	72	rps12 [complement(95931..95956)], rps12 [complement(96498..96729)], rps12 [complement(67660..67773)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4014..4050)], rps16 [complement(4792..5001)], rps16 [complement(5881..5922)], trnG-UCC [8370..8393], trnG-UCC [9075..9122], atpF [complement(11060..11470)], atpF [complement(12252..12395)], rpoC1 [complement(20279..21910)], rpoC1 [complement(22675..23109)], ycf3	trnK-UUU [complement(1404..4013)], rps16 [complement(5002..5880)], trnG-UCC [8394..9074], atpF [complement(11471..12251)], rpoC1 [complement(21911..22674)], ycf3 [complement(40865..41580)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(40706..40864)], ycf3 [complement(41581..41808)], ycf3 [complement(42525..42650)], trnL-UAA [45399..45433], trnL-UAA [45974..46023], trnV-UAC [complement(49456..49490)], trnV-UAC [complement(50095..50133)], rps12 [137901..138132], rps12 [138674..138699], clpP [complement(67920..68171)], clpP [complement(68747..69038)], clpP [complement(69825..69895)], petB [72820..72825], petB [73563..74210], petD [74418..74423], petD [75180..75671], rpl16 [complement(79166..79564)], rpl16 [complement(80564..80572)], rpl2 [complement(82432..82863)], rpl2 [complement(83536..83928)], ndhB [complement(92882..93637)], ndhB [complement(94321..95097)], trnI-GAU [100670..100706], trnI-GAU [101644..101678], trnA-UGC [101742..101779], trnA-UGC [102590..102624], ndhA [complement(117637..118176)], ndhA [complement(119223..119774)], trnA-UGC [complement(132006..132040)], trnA-UGC [complement(132851..132888)], trnI-GAU [complement(132952..132986)], trnI-GAU [complement(133924..133960)], ndhB [139533..140309], ndhB [140993..141748], rpl2 [150702..151091], rpl2 [151767..152198]	[complement(41809..42524)], trnL-UAA [45434..45973], trnV-UAC [complement(49491..50094)], clpP [complement(68172..68746)], clpP [complement(69039..69824)], petB [72826..73562], petD [74424..75179], rpl16 [complement(79565..80563)], rpl2 [complement(82864..83535)], ndhB [complement(93638..94320)], trnI-GAU [100707..101643], trnA-UGC [101780..102589], ndhA [complement(118177..119222)], trnA-UGC [complement(132041..132850)], trnI-GAU [complement(132987..133923)], ndhB [140310..140992], rpl2 [151092..151766]
2058.	LIDU	72	rps12 [complement(95515..95541)], rps12 [complement(96089..96319)], rps12 [complement(67196..67309)], trnK-UUU [complement(1359..1393)], trnK-UUU [complement(4001..4037)], rps16 [complement(4761..4970)], rps16 [complement(5861..5899)], trnG-GCC [8335..8358], trnG-GCC [9057..9093], atpF [complement(11026..11436)], atpF [complement(12217..12360)], rpoC1 [complement(19886..21510)], rpoC1 [complement(22280..22709)], ycf3 [complement(40212..40370)], ycf3 [complement(41084..41311)], ycf3 [complement(42032..42157)], trnL-UAA [44885..44919], trnL-UAA [45455..45504], trnV-UAC [complement(48945..48981)], trnV-UAC [complement(49585..49623)], rps12 [137562..137793], rps12 [138341..138366], clpP [complement(67456..67707)], clpP [complement(68292..68582)], clpP [complement(69380..69448)], petB [72381..72386], petB [73184..73840], petD [74048..74055], petD [74806..75301], rpl16 [complement(78717..79127)], rpl16 [complement(80118..80126)], rpl2 [complement(82004..82435)], rpl2	trnK-UUU [complement(1394..4000)], rps16 [complement(4971..5860)], trnG-GCC [8359..9056], atpF [complement(11437..12216)], rpoC1 [complement(21511..22279)], ycf3 [complement(40371..41083)], ycf3 [complement(41312..42031)], trnL-UAA [44920..45454], trnV-UAC [complement(48982..49584)], clpP [complement(67708..68291)], clpP [complement(68583..69379)], petB [72387..73183], petD [74056..74805], rpl16 [complement(79128..80117)], rpl2 [complement(82436..83119)], ndhB [complement(93222..93871)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(83120..83506)], ndhB [complement(92466..93221)], ndhB [complement(93872..94681)], trnI-GAU [100270..100311], trnI-GAU [101244..101278], trnA-UGC [101342..101379], trnA-UGC [102190..102224], ndhA [complement(117306..117845)], ndhA [complement(118891..119442)], trnA-UGC [complement(131657..131691)], trnA-UGC [complement(132502..132539)], trnI-GAU [complement(132603..132637)], trnI-GAU [complement(133570..133611)], ndhB [139200..140009], ndhB [140660..141415], rpl2 [150375..150761], rpl2 [151446..151877]	[100312..101243], trnA-UGC [101380..102189], ndhA [complement(117846..118890)], trnA-UGC [complement(131692..132501)], trnI-GAU [complement(132638..133569)], ndhB [140010..140659], rpl2 [150762..151445]
2059.	LIFA	38	rps12 [complement(96132..96158)], rps12 [complement(96700..96930)], rps12 [complement(67626..67739)], trnK-UUU [complement(1361..1395)], trnK-UUU [complement(3995..4031)], trnL-UAA [45453..45487], trnL-UAA [46023..46072], trnV-UAC [complement(49327..49363)], trnV-UAC [complement(49966..50004)], rps12 [138526..138741], rps12 [139296..139325], trnI-GAU [100873..100914], trnI-GAU [101849..101883], trnA-UGC [complement(132624..132658)], trnA-UGC [complement(133469..133506)], trnI-GAU [complement(133570..133604)], trnI-GAU [complement(134539..134580)]	trnK-UUU [complement(1396..3994)], rps16 [complement(5020..5910)], atpF [complement(11395..12180)], rpoC1 [complement(21845..22618)], ycf3 [complement(40877..41598)], ycf3 [complement(41827..42545)], trnL-UAA [45488..46022], trnV-UAC [complement(49364..49965)], clpP [complement(68133..68710)], clpP [complement(69002..69810)], petB [72815..73641], petD [74500..75234], rpl16 [complement(79683..80664)], rpl2 [complement(83053..83737)], ndhB [complement(93840..94488)], trnI-GAU [100915..101848], ndhA [complement(118797..119842)], trnA-UGC [complement(132659..133468)], trnI-GAU [complement(133605..134538)], ndhB [140965..141613], rpl2 [151716..152400]
2060.	LIFI	24	rps12 [138143..138168]	trnK-UUU [complement(1834..4389)], rps16 [complement(5394..6234)], rpoC1 [16532..17259], atpF [26917..27620], trnG-UCC [complement(30082..30804)], ycf3 [complement(42162..42901)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(43131..43827)], trnL-UAA [46935..47374], trnV-UAC [complement(51057..51629)], clpP [complement(69266..69886)], clpP [complement(70178..70995)], petB [74002..74763], petD [75610..76327], rpl16 [complement(80673..81718)], rpl2 [complement(83850..84516)], ndhB [complement(94069..94739)], trnI-GAU [101068..101839], trnA-UGC [101977..102797], ndhA [complement(118475..119538)], trnA-UGC [complement(131698..132518)], trnI-GAU [complement(132656..133427)], ndhB [139756..140426], rpl2 [149979..150645]
2061.	LIFO	47	rps12 [complement(102642..102667)], rps12 [complement(103204..103435)], rps12 [complement(74391..74504)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4337..4373)], rps16 [complement(5318..5536)], trnG-GCC [10275..10308], trnG-GCC [11005..11052], trnL-UAA [50999..51035], trnL-UAA [51532..51581], trnV-UAC [complement(55640..55676)], trnV-UAC [complement(56266..56304)], rps12 [complement(74391..74504)], rps12 [145921..146151], rps12 [146689..146718], clpP [complement(75532..75823)], clpP [complement(76628..76698)], trnI-GAU [107346..107387], trnI-GAU [108329..108363], trnA-UGC [108428..108465], trnA-UGC [109262..109296], trnA-UGC [complement(140060..140094)], trnA-UGC [complement(140891..140928)], trnI-GAU [complement(140993..141027)], trnI-GAU [complement(141969..142010)]	trnK-UUU [complement(1861..4336)], rps16 [complement(5537..6389)], trnG-GCC [10309..11004], atpF [complement(13398..14130)], rpoC1 [complement(23972..24704)], ycf3 [complement(45794..46551)], ycf3 [complement(46778..47531)], trnL-UAA [51036..51531], trnV-UAC [complement(55677..56265)], clpP [complement(74889..75531)], clpP [complement(75824..76627)], petB [79605..80386], petD [81236..81935], rpl16 [complement(86272..87306)], rpl2 [complement(89447..90105)], ndhB [complement(100356..101037)], trnI-GAU [107388..108328], trnA-UGC [108466..109261], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(125981..127094)], trnA-UGC [complement(140095..140890)], trnI-GAU [complement(141028..141968)], ndhB [148319..149000]
2062.	LIFR	72	rps12 [complement(95985..96010)], rps12 [complement(96553..96784)], rps12 [complement(67520..67633)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4043..4079)], rps16 [complement(4825..5036)], rps16 [complement(5923..5962)], trnG-UCC [8305..8328], trnG-UCC [9011..9058], atpF [complement(10996..11406)], atpF [complement(12191..12334)], rpoC1 [complement(20216..21847)], rpoC1 [complement(22601..23035)], ycf3 [complement(40498..40656)], ycf3 [complement(41365..41592)], ycf3 [complement(42322..42447)], trnL-UAA [45169..45203], trnL-UAA [45737..45786], trnV-UAC [complement(49233..49267)], trnV-UAC [complement(49872..49910)], rps12 [137971..138202], rps12 [138745..138770], clpP [complement(67787..68038)], clpP [complement(68625..68916)], clpP [complement(69728..69798)], petB [72726..72731], petB [73538..74185], petD [74395..74400], petD [75151..75627], rpl16 [complement(79143..79541)], rpl16 [complement(80550..80558)], rpl2 [complement(82502..82933)], rpl2 [complement(83609..83998)], ndhB [complement(92935..93690)], ndhB [complement(94373..95149)], trnI-GAU [100693..100729], trnI-GAU [101667..101701], trnA-UGC [101765..101802], trnA-UGC [102613..102647], ndhA [complement(117764..118303)], ndhA [complement(119304..119855)], trnA-UGC [complement(132108..132142)], trnA-UGC [complement(132953..132990)], trnI-GAU [complement(133054..133088)], trnI-GAU [complement(134026..134062)], ndhB [139606..140382], ndhB [141065..141820], rpl2 [150757..151146], rpl2 [151822..152253]	trnK-UUU [complement(1404..4042)], rps16 [complement(5037..5922)], trnG-UCC [8329..9010], atpF [complement(11407..12190)], rpoC1 [complement(21848..22600)], ycf3 [complement(40657..41364)], ycf3 [complement(41593..42321)], trnL-UAA [45204..45736], trnV-UAC [complement(49268..49871)], clpP [complement(68039..68624)], clpP [complement(68917..69727)], petB [72732..73537], petD [74401..75150], rpl16 [complement(79542..80549)], rpl2 [complement(82934..83608)], ndhB [complement(93691..94372)], trnI-GAU [100730..101666], trnA-UGC [101803..102612], ndhA [complement(118304..119303)], trnA-UGC [complement(132143..132952)], trnI-GAU [complement(133089..134025)], ndhB [140383..141064], rpl2 [151147..151821]
2063.	LIGA	68	rps12 [complement(101030..101056)], rps12 [complement(101593..101823)], rps12 [complement(73415..73528)], trnK-UUU [complement(1795..1829)], trnK-UUU [complement(4344..4380)], rps16 [complement(5202..5431)], rps16 [complement(6273..6312)], trnG-UCC [10341..10364], trnG-UCC [11138..11185], atpF [complement(13086..13496)], atpF	trnK-UUU [complement(1830..4343)], rps16 [complement(5432..6272)], trnG-UCC [10365..11137], atpF [complement(13497..14233)], rpoC1 [complement(23535..24257)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(14234..14377)], rpoC1 [complement(21913..23534)], rpoC1 [complement(24258..24687)], ycf3 [complement(44812..44963)], ycf3 [complement(45698..45926)], ycf3 [complement(46662..46787)], trnL-UAA [49546..49580], trnL-UAA [50059..50108], trnV-UAC [complement(54595..54631)], trnV-UAC [complement(55217..55255)], rps12 [145533..145560], clpP [complement(73675..73920)], clpP [complement(74588..74879)], clpP [complement(75654..75724)], petB [78609..78614], petB [79416..80057], petD [80255..80262], petD [80973..81453], rpl16 [complement(84884..85279)], rpl16 [complement(86250..86258)], rpl2 [complement(87985..88430)], rpl2 [complement(89094..89484)], ndhB [complement(97946..98701)], ndhB [complement(99404..100177)], trnI-GAU [105679..105720], trnI-GAU [106660..106694], trnA-UGC [106759..106796], trnA-UGC [107595..107629], ndhA [complement(124388..124927)], ndhA [complement(126049..126600)], trnA-UGC [complement(138952..138986)], trnA-UGC [complement(139785..139822)], trnI-GAU [complement(139887..139921)], trnI-GAU [complement(140861..140902)], ndhB [146413..147186], ndhB [147889..148644]</p>	<p>[complement(44964..45697)], ycf3 [complement(45927..46661)], trnL-UAA [49581..50058], trnV-UAC [complement(54632..55216)], clpP [complement(73921..74587)], clpP [complement(74880..75653)], petB [78615..79415], petD [80263..80972], rpl16 [complement(85280..86249)], rpl2 [complement(88431..89093)], ndhB [complement(98702..99403)], trnI-GAU [105721..106659], trnA-UGC [106797..107594], ndhA [complement(124928..126048)], trnA-UGC [complement(138987..139784)], trnI-GAU [complement(139922..140860)], ndhB [147187..147888]</p>
2064.	LIGL	56	<p>rps12 [complement(103213..103238)], rps12 [complement(103775..104006)], rps12 [complement(74024..74137)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4423..4459)], trnG-GCC [8273..8295], trnG-GCC [9022..9067], atpF [complement(11738..12148)], atpF [complement(12940..13083)], rpoC1 [complement(21306..22916)], rpoC1 [complement(23706..24137)], ycf3 [complement(45201..45353)], ycf3 [complement(46056..46283)], ycf3 [complement(47014..47139)], trnL-UAA [49404..49440], trnL-UAA [50015..50063], trnV-UAC [complement(54173..54209)], trnV-UAC [complement(54833..54871)], rps12 [complement(74024..74137)], rps12 [147880..148111], rps12 [148648..148673], clpP [complement(74289..74514)], clpP [complement(75142..75434)], clpP [complement(76304..76372)], petB [79359..79364], petB [80200..80841], petD [81041..81048], petD [81842..82316], rpl16 [complement(86074..86472)], rpl16</p>	<p>trnG-GCC [8296..9021], trnL-UAA [49441..50014], trnV-UAC [complement(54210..54832)], clpP [complement(74515..75141)], clpP [complement(75435..76303)], trnI-GAU [108051..108997], trnI-GAU [complement(142889..143835)], rpl2 [161335..162009]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87539..87547)], rpl2 [complement(89442..89876)], rpl2 [complement(90552..90950)], ndhB [complement(100153..100908)], ndhB [complement(101597..102373)], trnI-GAU [108009..108050], trnI-GAU [108998..109032], trnA-UGC [109097..109134], trnA-UGC [109943..109977], ndhA [complement(126915..127454)], ndhA [complement(128658..129227)], trnA-UGC [complement(141909..141943)], trnA-UGC [complement(142752..142789)], trnI-GAU [complement(142854..142888)], trnI-GAU [complement(143836..143877)], ndhB [149513..150289], ndhB [150978..151733], rpl2 [160936..161334], rpl2 [162010..162444]	
2065.	LIGR	67	rps12 [complement(101228..101262)], rps12 [complement(101799..102030)], rps12 [complement(73586..73699)], rps16 [complement(5253..5479)], rps16 [complement(6356..6395)], trnG-GCC [10054..10076], trnG-GCC [10755..10802], atpF [complement(12740..13150)], atpF [complement(13841..13984)], rpoC1 [complement(21872..23491)], rpoC1 [complement(24202..24654)], ycf3 [complement(44105..44257)], ycf3 [complement(45007..45236)], ycf3 [complement(45945..46068)], trnL-UAA [48922..48956], trnL-UAA [49431..49480], rps12 [complement(73586..73699)], rps12 [149320..149551], rps12 [150088..150122], clpP [complement(73867..74352)], clpP [complement(74981..75272)], clpP [complement(76080..76150)], petB [79029..79034], petB [79744..80385], petD [80568..80575], petD [81310..81784], rpl16 [complement(85214..85612)], rpl16 [complement(86463..86471)], rpl2 [complement(88301..88734)], rpl2 [complement(89401..89791)], ndhB [complement(98226..98981)], ndhB [complement(99661..100437)], trnI-GAU [105747..105783], trnI-GAU [106732..106766], trnA-UGC [106831..106868], trnA-UGC [107671..107705], ndhA [complement(129152..129681)], ndhA [complement(130785..131340)], trnA-UGC [complement(143645..143679)], trnA-UGC [complement(144482..144519)], trnI-GAU [complement(144584..144618)], trnI-GAU [complement(145567..145603)], ndhB [150913..151689], ndhB [152369..153124], rpl2 [161559..161949], rpl2 [162616..163049]	rps16 [complement(5480..6355)], trnG-GCC [10077..10754], atpF [complement(13151..13840)], rpoC1 [complement(23492..24201)], ycf3 [complement(44258..45006)], ycf3 [complement(45237..45944)], trnL-UAA [48957..49430], clpP [complement(74353..74980)], clpP [complement(75273..76079)], petB [79035..79743], petD [80576..81309], rpl16 [complement(85613..86462)], rpl2 [complement(88735..89400)], ndhB [complement(98982..99660)], trnI-GAU [105784..106731], trnA-UGC [106869..107670], ndhA [complement(129682..130784)], trnA-UGC [complement(143680..144481)], trnI-GAU [complement(144619..145566)], ndhB [151690..152368], rpl2 [161950..162615]
2066.	LIHA	70	rps12 [complement(95907..95932)], rps12 [complement(96475..96706)],	trnK-UUU [complement(1404..4023)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(67432..67545)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4024..4060)], rps16 [complement(4793..5002)], rps16 [complement(5893..5934)], trnG-UCC [8244..8267], trnG-UCC [8950..8997], atpF [complement(10922..11332)], atpF [complement(12117..12260)], rpoC1 [complement(20133..21764)], rpoC1 [complement(22532..22966)], ycf3 [complement(40409..40567)], ycf3 [complement(41275..41502)], ycf3 [complement(42232..42357)], trnL-UAA [45077..45111], trnL-UAA [45656..45705], trnV-UAC [complement(49137..49171)], trnV-UAC [complement(49776..49814)], clpP [complement(67700..67951)], clpP [complement(68538..68828)], clpP [complement(69624..69692)], petB [72621..72626], petB [73443..74090], petD [74298..74303], petD [75054..75545], rpl16 [complement(79043..79441)], rpl16 [complement(80490..80498)], rpl2 [complement(82452..82883)], rpl2 [complement(83556..83942)], ndhB [complement(92857..93612)], ndhB [complement(94262..95071)], trnI-GAU [100642..100683], trnI-GAU [101616..101650], trnA-UGC [101714..101751], trnA-UGC [102562..102596], ndhA [complement(117729..118268)], ndhA [complement(119312..119863)], trnA-UGC [complement(132111..132145)], trnA-UGC [complement(132956..132993)], trnI-GAU [complement(133057..133091)], trnI-GAU [complement(134024..134065)], ndhB [139636..140445], ndhB [141095..141850], rpl2 [150759..151148], rpl2 [151824..152255]</p>	<p>[complement(5003..5892)], trnG-UCC [8268..8949], atpF [complement(11333..12116)], rpoC1 [complement(21765..22531)], ycf3 [complement(40568..41274)], ycf3 [complement(41503..42231)], trnL-UAA [45112..45655], trnV-UAC [complement(49172..49775)], clpP [complement(67952..68537)], clpP [complement(68829..69623)], petB [72627..73442], petD [74304..75053], rpl16 [complement(79442..80489)], rpl2 [complement(82884..83555)], ndhB [complement(93613..94261)], trnI-GAU [100684..101615], trnA-UGC [101752..102561], ndhA [complement(118269..119311)], trnA-UGC [complement(132146..132955)], trnI-GAU [complement(133092..134023)], ndhB [140446..141094], rpl2 [151149..151823]</p>
2067.	LIHE	70	<p>rps12 [complement(103339..103364)], rps12 [complement(103900..104131)], rps12 [complement(74117..74230)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4424..4460)], trnG-GCC [8256..8278], trnG-GCC [9010..9055], atpF [complement(11746..12156)], atpF [complement(12950..13093)], rpoC1 [complement(21264..22874)], rpoC1 [complement(23669..24100)], ycf3 [complement(45295..45447)], ycf3 [complement(46172..46399)], ycf3 [complement(47129..47254)], trnL-UAA [49543..49579], trnL-UAA [50158..50207], trnV-UAC [complement(54348..54384)], trnV-UAC [complement(54992..55030)], rps12 [complement(74117..74230)], rps12 [147935..148166], rps12 [148702..148727], clpP [complement(74417..74642)], clpP</p>	<p>trnK-UUU [complement(1865..4423)], trnG-GCC [8279..9009], atpF [complement(12157..12949)], rpoC1 [complement(22875..23668)], ycf3 [complement(45448..46171)], ycf3 [complement(46400..47128)], trnL-UAA [49580..50157], trnV-UAC [complement(54385..54991)], clpP [complement(74643..75264)], clpP [complement(75558..76426)], petB [79487..80319], petD [81163..81955], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75265..75557)], clpP [complement(76427..76495)], petB [79481..79486], petB [80320..80961], petD [81155..81162], petD [81956..82430], rpl16 [complement(86201..86599)], rpl16 [complement(87706..87714)], rpl2 [complement(89562..89996)], rpl2 [complement(90678..91076)], ndhB [complement(100279..101034)], ndhB [complement(101723..102499)], trnI-GAU [108128..108169], trnI-GAU [109117..109151], trnA-UGC [109216..109253], trnA-UGC [110062..110096], ndhA [complement(126929..127468)], ndhA [complement(128690..129259)], trnA-UGC [complement(141970..142004)], trnA-UGC [complement(142813..142850)], trnI-GAU [complement(142915..142949)], trnI-GAU [complement(143897..143938)], ndhB [149567..150343], ndhB [151032..151787], rpl2 [160990..161388], rpl2 [162070..162504]	[complement(86600..87705)], rpl2 [complement(89997..90677)], ndhB [complement(101035..101722)], trnI-GAU [108170..109116], trnA-UGC [109254..110061], ndhA [complement(127469..128689)], trnA-UGC [complement(142005..142812)], trnI-GAU [complement(142950..143896)], ndhB [150344..151031], rpl2 [161389..162069]
2068.	LIHN	72	rps12 [complement(96383..96409)], rps12 [complement(96951..97181)], rps12 [complement(67926..68039)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(4012..4048)], rps16 [complement(4791..5002)], rps16 [complement(5889..5928)], trnG-GCC [8382..8405], trnG-GCC [9098..9134], atpF [complement(11061..11471)], atpF [complement(12253..12396)], rpoC1 [complement(20287..21911)], rpoC1 [complement(22677..23106)], ycf3 [complement(40825..40983)], ycf3 [complement(41705..41932)], ycf3 [complement(42651..42776)], trnL-UAA [45529..45563], trnL-UAA [46095..46144], trnV-UAC [complement(49577..49613)], trnV-UAC [complement(50217..50255)], rps12 [138419..138650], rps12 [139192..139217], clpP [complement(68186..68437)], clpP [complement(69018..69309)], clpP [complement(70106..70176)], petB [73093..73098], petB [73902..74558], petD [74766..74771], petD [75523..76020], rpl16 [complement(79528..79938)], rpl16 [complement(80934..80942)], rpl2 [complement(82884..83309)], rpl2 [complement(83989..84375)], ndhB [complement(93335..94090)], ndhB [complement(94740..95549)], trnI-GAU [101127..101168], trnI-GAU [102101..102135], trnA-UGC [102199..102236], trnA-UGC [103047..103081], ndhA [complement(118161..118700)], ndhA [complement(119740..120291)], trnA-UGC [complement(132519..132553)], trnA-UGC	trnK-UUU [complement(1412..4011)], rps16 [complement(5003..5888)], trnG-GCC [8406..9097], atpF [complement(11472..12252)], rpoC1 [complement(21912..22676)], ycf3 [complement(40984..41704)], ycf3 [complement(41933..42650)], trnL-UAA [45564..46094], trnV-UAC [complement(49614..50216)], clpP [complement(68438..69017)], clpP [complement(69310..70105)], petB [73099..73901], petD [74772..75522], rpl16 [complement(79939..80933)], rpl2 [complement(83310..83988)], ndhB [complement(94091..94739)], trnI-GAU [101169..102100], trnA-UGC [102237..103046], ndhA [complement(118701..119739)], trnA-UGC [complement(132554..133363)], trnI-GAU [complement(133500..134431)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(133364..133401)], trnI-GAU [complement(133465..133499)], trnI-GAU [complement(134432..134473)], ndhB [140051..140860], ndhB [141510..142265], rpl2 [151225..151611], rpl2 [152285..152716]	[140861..141509], rpl2 [151612..152284]
2069.	LIHO	4	rps12 [138086..138111]	rpoC1 [16483..17217], atpF [26875..27578], trnG-UCC [complement(30040..30762)]
2070.	LIHR	72	rps12 [complement(96193..96218)], rps12 [complement(96760..96991)], rps12 [complement(67914..68027)], trnK-UUU [complement(1365..1399)], trnK-UUU [complement(4007..4043)], rps16 [complement(4796..5007)], rps16 [complement(5895..5934)], trnG-UCC [8370..8393], trnG-UCC [9076..9123], atpF [complement(11061..11471)], atpF [complement(12256..12399)], rpoC1 [complement(20280..21904)], rpoC1 [complement(22685..23114)], ycf3 [complement(40876..41034)], ycf3 [complement(41757..41984)], ycf3 [complement(42702..42827)], trnL-UAA [45505..45539], trnL-UAA [46076..46125], trnV-UAC [complement(49547..49581)], trnV-UAC [complement(50186..50224)], rps12 [138223..138454], rps12 [138996..139021], clpP [complement(68174..68425)], clpP [complement(68999..69290)], clpP [complement(70105..70175)], petB [73109..73114], petB [73846..74502], petD [74711..74716], petD [75468..75965], rpl16 [complement(79435..79845)], rpl16 [complement(80835..80843)], rpl2 [complement(82716..83141)], rpl2 [complement(83820..84206)], ndhB [complement(93145..93900)], ndhB [complement(94550..95359)], trnI-GAU [100932..100968], trnI-GAU [101906..101940], trnA-UGC [102004..102041], trnA-UGC [102852..102886], ndhA [complement(117960..118499)], ndhA [complement(119549..120100)], trnA-UGC [complement(132328..132362)], trnA-UGC [complement(133173..133210)], trnI-GAU [complement(133274..133308)], trnI-GAU [complement(134246..134282)], ndhB [139855..140664], ndhB [141314..142069], rpl2 [151008..151394], rpl2 [152067..152498]	trnK-UUU [complement(1400..4006)], rps16 [complement(5008..5894)], trnG-UCC [8394..9075], atpF [complement(11472..12255)], rpoC1 [complement(21905..22684)], ycf3 [complement(41035..41756)], ycf3 [complement(41985..42701)], trnL-UAA [45540..46075], trnV-UAC [complement(49582..50185)], clpP [complement(68426..68998)], clpP [complement(69291..70104)], petB [73115..73845], petD [74717..75467], rpl16 [complement(79846..80834)], rpl2 [complement(83142..83819)], ndhB [complement(93901..94549)], trnI-GAU [100969..101905], trnA-UGC [102042..102851], ndhA [complement(118500..119548)], trnA-UGC [complement(132363..133172)], trnI-GAU [complement(133309..134245)], ndhB [140665..141313], rpl2 [151395..152066]
2071.	LIIN	4	rps12 [138101..138126]	rpoC1 [16526..17242], atpF [26900..27603], trnG-UCC [complement(30068..30790)]
2072.	LIJA	4	rps12 [138098..138123]	rpoC1 [16527..17254], atpF [26912..27615], trnG-UCC [complement(30080..30802)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2073.	LJIP	67	rps12 [complement(101223..101257)], rps12 [complement(101794..102025)], rps12 [complement(73876..73989)], rps16 [complement(5251..5477)], rps16 [complement(6348..6387)], trnG-GCC [10067..10089], trnG-GCC [10768..10815], atpF [complement(12750..13160)], atpF [complement(13857..14000)], rpoC1 [complement(21914..23533)], rpoC1 [complement(24244..24696)], ycf3 [complement(44152..44304)], ycf3 [complement(45053..45282)], ycf3 [complement(45989..46112)], trnL-UAA [48958..48992], trnL-UAA [49467..49516], rps12 [complement(73876..73989)], rps12 [149752..149983], rps12 [150520..150554], clpP [complement(74144..74458)], clpP [complement(75109..75400)], clpP [complement(76210..76280)], petB [79184..79189], petB [79903..80544], petD [80727..80734], petD [81456..81930], rpl16 [complement(85353..85751)], rpl16 [complement(86600..86608)], rpl2 [complement(88274..88707)], rpl2 [complement(89374..89764)], ndhB [complement(98221..98976)], ndhB [complement(99656..100432)], trnI-GAU [105748..105784], trnI-GAU [106733..106767], trnA-UGC [106832..106869], trnA-UGC [107672..107706], ndhA [complement(129364..129893)], ndhA [complement(130998..131553)], trnA-UGC [complement(144071..144105)], trnA-UGC [complement(144908..144945)], trnI-GAU [complement(145010..145044)], trnI-GAU [complement(145993..146029)], ndhB [151345..152121], ndhB [152801..153556], rpl2 [162013..162403], rpl2 [163070..163503]	rps16 [complement(5478..6347)], trnG-GCC [10090..10767], atpF [complement(13161..13856)], rpoC1 [complement(23534..24243)], ycf3 [complement(44305..45052)], ycf3 [complement(45283..45988)], trnL-UAA [48993..49466], clpP [complement(74459..75108)], clpP [complement(75401..76209)], petB [79190..79902], petD [80735..81455], rpl16 [complement(85752..86599)], rpl2 [complement(88708..89373)], ndhB [complement(98977..99655)], trnI-GAU [105785..106732], trnA-UGC [106870..107671], ndhA [complement(129894..130997)], trnA-UGC [complement(144106..144907)], trnI-GAU [complement(145045..145992)], ndhB [152122..152800], rpl2 [162404..163069]
2074.	LILA	72	rps12 [complement(95863..95889)], rps12 [complement(96432..96662)], rps12 [complement(67397..67507)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4025..4061)], rps16 [complement(4809..5020)], rps16 [complement(5911..5950)], trnG-GCC [8262..8285], trnG-GCC [8977..9013], atpF [complement(10947..11357)], atpF [complement(12141..12284)], rpoC1 [complement(20150..21774)], rpoC1 [complement(22558..22987)], ycf3 [complement(40414..40572)], ycf3 [complement(41280..41507)], ycf3 [complement(42237..42362)], trnL-UAA [45079..45113], trnL-UAA [45656..45705], trnV-UAC [complement(49138..49174)], trnV-UAC [complement(49777..49815)], rps12 [137920..138151], rps12	trnK-UUU [complement(1404..4024)], rps16 [complement(5021..5910)], trnG-GCC [8286..8976], atpF [complement(11358..12140)], rpoC1 [complement(21775..22557)], ycf3 [complement(40573..41279)], ycf3 [complement(41508..42236)], trnL-UAA [45114..45655], trnV-UAC [complement(49175..49776)], clpP [complement(67914..68499)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[138694..138719], clpP [complement(67662..67913)], clpP [complement(68500..68790)], clpP [complement(69584..69652)], petB [72581..72586], petB [73388..74047], petD [74255..74262], petD [75007..75502], rpl16 [complement(79000..79410)], rpl16 [complement(80447..80455)], rpl2 [complement(82408..82839)], rpl2 [complement(83512..83898)], ndhB [complement(92813..93568)], ndhB [complement(94218..95027)], trnI-GAU [100598..100639], trnI-GAU [101572..101606], trnA-UGC [101670..101707], trnA-UGC [102518..102552], ndhA [complement(117645..118184)], ndhA [complement(119230..119781)], trnA-UGC [complement(132030..132064)], trnA-UGC [complement(132875..132912)], trnI-GAU [complement(132976..133010)], trnI-GAU [complement(133943..133984)], ndhB [139555..140364], ndhB [141014..141769], rpl2 [150684..151070], rpl2 [151743..152174]	[complement(68791..69583)], petB [72587..73387], petD [74263..75006], rpl16 [complement(79411..80446)], rpl2 [complement(82840..83511)], ndhB [complement(93569..94217)], trnI-GAU [100640..101571], trnA-UGC [101708..102517], ndhA [complement(118185..119229)], trnA-UGC [complement(132065..132874)], trnI-GAU [complement(133011..133942)], ndhB [140365..141013], rpl2 [151071..151742]
2075.	LILE	72	rps12 [complement(96379..96405)], rps12 [complement(96947..97177)], rps12 [complement(67920..68033)], trnK-UUU [complement(1371..1405)], trnK-UUU [complement(4012..4048)], rps16 [complement(4790..5001)], rps16 [complement(5886..5925)], trnG-GCC [8391..8414], trnG-GCC [9107..9143], atpF [complement(11076..11486)], atpF [complement(12271..12414)], rpoC1 [complement(20301..21925)], rpoC1 [complement(22696..23125)], ycf3 [complement(40827..40985)], ycf3 [complement(41707..41934)], ycf3 [complement(42652..42777)], trnL-UAA [45520..45554], trnL-UAA [46085..46134], trnV-UAC [complement(49572..49608)], trnV-UAC [complement(50212..50250)], rps12 [138235..138466], rps12 [139008..139033], clpP [complement(68180..68431)], clpP [complement(69012..69302)], clpP [complement(70099..70167)], petB [73083..73088], petB [73890..74549], petD [74757..74764], petD [75516..76011], rpl16 [complement(79519..79929)], rpl16 [complement(80925..80933)], rpl2 [complement(82880..83305)], rpl2 [complement(83985..84371)], ndhB [complement(93331..94086)], ndhB [complement(94736..95545)], trnI-GAU [101123..101164], trnI-GAU [102097..102131], trnA-UGC [102195..102232], trnA-UGC [103043..103077], ndhA [complement(117985..118524)], ndhA [complement(119563..120114)],	trnK-UUU [complement(1406..4011)], rps16 [complement(5002..5885)], trnG-GCC [8415..9106], atpF [complement(11487..12270)], rpoC1 [complement(21926..22695)], ycf3 [complement(40986..41706)], ycf3 [complement(41935..42651)], trnL-UAA [45555..46084], trnV-UAC [complement(49609..50211)], clpP [complement(68432..69011)], clpP [complement(69303..70098)], petB [73089..73889], petD [74765..75515], rpl16 [complement(79930..80924)], rpl2 [complement(83306..83984)], ndhB [complement(94087..94735)], trnI-GAU [101165..102096], trnA-UGC [102233..103042], ndhA [complement(118525..119562)], trnA-UGC [complement(132370..133179)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(132335..132369)], trnA-UGC [complement(133180..133217)], trnI-GAU [complement(133281..133315)], trnI-GAU [complement(134248..134289)], ndhB [139867..140676], ndhB [141326..142081], rpl2 [151041..151427], rpl2 [152101..152532]	[complement(133316..134247)], ndhB [140677..141325], rpl2 [151428..152100]
2076.	LIMA	56	rps12 [complement(103064..103089)], rps12 [complement(103626..103857)], rps12 [complement(73896..74009)], trnK-UUU [complement(1801..1835)], trnK-UUU [complement(4376..4412)], trnG-GCC [8183..8205], trnG-GCC [8931..8976], atpF [complement(11665..12075)], atpF [complement(12866..13009)], rpoC1 [complement(21197..22807)], rpoC1 [complement(23589..24020)], ycf3 [complement(45216..45368)], ycf3 [complement(46075..46302)], ycf3 [complement(47033..47158)], trnL-UAA [49426..49462], trnL-UAA [50066..50114], trnV-UAC [complement(54209..54245)], trnV-UAC [complement(54853..54891)], rps12 [complement(73896..74009)], rps12 [147580..147811], rps12 [148348..148373], clpP [complement(74200..74425)], clpP [complement(75049..75341)], clpP [complement(76205..76273)], petB [79278..79283], petB [80117..80758], petD [80952..80959], petD [81753..82227], rpl16 [complement(85986..86384)], rpl16 [complement(87456..87464)], rpl2 [complement(89317..89751)], rpl2 [complement(90427..90825)], ndhB [complement(100004..100759)], ndhB [complement(101448..102224)], trnI-GAU [107854..107895], trnI-GAU [108843..108877], trnA-UGC [108942..108979], trnA-UGC [109788..109822], ndhA [complement(126624..127163)], ndhA [complement(128349..128918)], trnA-UGC [complement(141615..141649)], trnA-UGC [complement(142458..142495)], trnI-GAU [complement(142560..142594)], trnI-GAU [complement(143542..143583)], ndhB [149213..149989], ndhB [150678..151433], rpl2 [160618..161016], rpl2 [161692..162126]	trnG-GCC [8206..8930], trnL-UAA [49463..50065], trnV-UAC [complement(54246..54852)], clpP [complement(74426..75048)], clpP [complement(75342..76204)], trnI-GAU [107896..108842], trnI-GAU [complement(142595..143541)], rpl2 [161017..161691]
2077.	LIMB	25	trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3919..3956)], trnG-UCC [complement(12547..12594)], trnG-UCC [complement(13280..13302)], rps12 [126155..126183]	trnK-UUU [complement(1422..3918)], rps16 [complement(4728..5559)], trnG-UCC [complement(12595..13279)], atpF [32858..33658], ycf3 [complement(42005..42761)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(42990..43729)], trnL-UAA [46616..47162], trnV-UAC [complement(50738..51332)], petB [70759..71501], petD [72340..73081], rpl16 [complement(77491..78511)], rpl2 [complement(80910..81569)], ndhB [complement(86122..86833)], trnI-GAU [93099..94044], trnA-UGC [94183..94992], ndhA [complement(110883..111912)], trnA-UGC [complement(119630..120439)], trnI-GAU [complement(120578..121523)], ndhB [127789..128500], rpl2 [133053..133712]
2078.	LIMC	56	rps12 [complement(102955..102980)], rps12 [complement(103517..103748)], rps12 [complement(73740..73853)], trnK-UUU [complement(1853..1887)], trnK-UUU [complement(4428..4464)], trnG-GCC [8272..8294], trnG-GCC [9020..9065], atpF [complement(11685..12095)], atpF [complement(12892..13035)], rpoC1 [complement(21211..22821)], rpoC1 [complement(23603..24034)], ycf3 [complement(45094..45246)], ycf3 [complement(45950..46177)], ycf3 [complement(46908..47033)], trnL-UAA [49304..49340], trnL-UAA [49921..49969], trnV-UAC [complement(54043..54079)], trnV-UAC [complement(54687..54725)], rps12 [complement(73740..73853)], rps12 [147423..147654], rps12 [148191..148216], clpP [complement(74018..74243)], clpP [complement(74867..75159)], clpP [complement(76050..76118)], petB [79123..79128], petB [79963..80604], petD [80798..80805], petD [81599..82073], rpl16 [complement(85834..86232)], rpl16 [complement(87318..87326)], rpl2 [complement(89178..89612)], rpl2 [complement(90288..90686)], ndhB [complement(99895..100650)], ndhB [complement(101339..102115)], trnI-GAU [107745..107786], trnI-GAU [108734..108768], trnA-UGC [108833..108870], trnA-UGC [109679..109713], ndhA [complement(126488..127027)], ndhA [complement(128213..128782)], trnA-UGC [complement(141458..141492)], trnA-UGC	trnG-GCC [8295..9019], trnL-UAA [49341..49920], trnV-UAC [complement(54080..54686)], clpP [complement(74244..74866)], clpP [complement(75160..76049)], trnI-GAU [107787..108733], trnI-GAU [complement(142438..143384)], rpl2 [160884..161558]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(142301..142338)], trnI-GAU [complement(142403..142437)], trnI-GAU [complement(143385..143426)], ndhB [149056..149832], ndhB [150521..151276], rpl2 [160485..160883], rpl2 [161559..161993]	
2079.	LIME	56	rps12 [complement(102844..102869)], rps12 [complement(103406..103637)], rps12 [complement(73648..73761)], trnK-UUU [complement(1853..1887)], trnK-UUU [complement(4428..4464)], trnG-GCC [8273..8295], trnG-GCC [9021..9066], atpF [complement(11664..12074)], atpF [complement(12871..13014)], rpoC1 [complement(21190..22800)], rpoC1 [complement(23582..24013)], ycf3 [complement(45025..45177)], ycf3 [complement(45881..46108)], ycf3 [complement(46839..46964)], trnL-UAA [49237..49273], trnL-UAA [49854..49902], trnV-UAC [complement(53976..54012)], trnV-UAC [complement(54620..54658)], rps12 [complement(73648..73761)], rps12 [147312..147543], rps12 [148080..148105], clpP [complement(73926..74151)], clpP [complement(74775..75067)], clpP [complement(75958..76026)], petB [79031..79036], petB [79871..80512], petD [80706..80713], petD [81507..81981], rpl16 [complement(85721..86119)], rpl16 [complement(87205..87213)], rpl2 [complement(89067..89501)], rpl2 [complement(90177..90575)], ndhB [complement(99784..100539)], ndhB [complement(101228..102004)], trnI-GAU [107634..107675], trnI-GAU [108623..108657], trnA-UGC [108722..108759], trnA-UGC [109568..109602], ndhA [complement(126377..126916)], ndhA [complement(128102..128671)], trnA-UGC [complement(141347..141381)], trnA-UGC [complement(142190..142227)], trnI-GAU [complement(142292..142326)], trnI-GAU [complement(143274..143315)], ndhB [148945..149721], ndhB [150410..151165], rpl2 [160374..160772], rpl2 [161448..161882]	trnG-GCC [8296..9020], trnL-UAA [49274..49853], trnV-UAC [complement(54013..54619)], clpP [complement(74152..74774)], clpP [complement(75068..75957)], trnI-GAU [107676..108622], trnI-GAU [complement(142327..143273)], rpl2 [160773..161447]
2080.	LIMH	56	rps12 [complement(103149..103174)], rps12 [complement(103711..103942)], rps12 [complement(73968..74081)], trnK-UUU [complement(1839..1873)], trnK-UUU [complement(4414..4450)], trnG-GCC [8288..8310], trnG-GCC [9045..9090], atpF [complement(11727..12137)], atpF [complement(12950..13093)], rpoC1 [complement(21260..22870)], rpoC1 [complement(23660..24091)], ycf3 [complement(45231..45383)], ycf3	trnG-GCC [8311..9044], trnL-UAA [49542..50122], trnV-UAC [complement(54379..54985)], clpP [complement(74472..75102)], clpP [complement(75396..76261)], trnI-GAU [107986..108932], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(46088..46315)], ycf3 [complement(47039..47164)], trnL-UAA [49505..49541], trnL-UAA [50123..50171], trnV-UAC [complement(54342..54378)], trnV-UAC [complement(54986..55024)], rps12 [complement(73968..74081)], rps12 [147664..147895], rps12 [148432..148457], clpP [complement(74246..74471)], clpP [complement(75103..75395)], clpP [complement(76262..76330)], petB [79318..79323], petB [80164..80805], petD [80999..81006], petD [81800..82274], rpl16 [complement(86043..86441)], rpl16 [complement(87495..87503)], rpl2 [complement(89371..89805)], rpl2 [complement(90481..90879)], ndhB [complement(100089..100844)], ndhB [complement(101533..102309)], trnI-GAU [107944..107985], trnI-GAU [108933..108967], trnA-UGC [109032..109069], trnA-UGC [109878..109912], ndhA [complement(126710..127249)], ndhA [complement(128451..129020)], trnA-UGC [complement(141699..141733)], trnA-UGC [complement(142542..142579)], trnI-GAU [complement(142644..142678)], trnI-GAU [complement(143626..143667)], ndhB [149297..150073], ndhB [150762..151517], rpl2 [160727..161125], rpl2 [161801..162235]</p>	<p>[complement(142679..143625)], rpl2 [161126..161800]</p>
2081.	LIMI	56	<p>rps12 [complement(102913..102938)], rps12 [complement(103475..103706)], rps12 [complement(73745..73858)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4334..4370)], trnG-GCC [8154..8176], trnG-GCC [8908..8953], atpF [complement(11553..11963)], atpF [complement(12756..12899)], rpoC1 [complement(21131..22741)], rpoC1 [complement(23523..23954)], ycf3 [complement(44953..45105)], ycf3 [complement(45809..46036)], ycf3 [complement(46774..46899)], trnL-UAA [49191..49227], trnL-UAA [49821..49869], trnV-UAC [complement(54001..54037)], trnV-UAC [complement(54645..54683)], rps12 [complement(73745..73858)], rps12 [147439..147670], rps12 [148207..148232], clpP [complement(74023..74248)], clpP [complement(74876..75168)], clpP [complement(76035..76103)], petB [79090..79095], petB [79935..80576], petD [80771..80778], petD [81572..82046], rpl16 [complement(85814..86212)], rpl16 [complement(87283..87291)], rpl2 [complement(89142..89576)], rpl2</p>	<p>trnG-GCC [8177..8907], trnL-UAA [49228..49820], trnV-UAC [complement(54038..54644)], clpP [complement(74249..74875)], clpP [complement(75169..76034)], trnI-GAU [107745..108691], trnI-GAU [complement(142454..143400)], rpl2 [160894..161568]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90252..90650)], ndhB [complement(99853..100608)], ndhB [complement(101297..102073)], trnI-GAU [107703..107744], trnI-GAU [108692..108726], trnA-UGC [108791..108828], trnA-UGC [109637..109671], ndhA [complement(126452..126991)], ndhA [complement(128177..128746)], trnA-UGC [complement(141474..141508)], trnA-UGC [complement(142317..142354)], trnI-GAU [complement(142419..142453)], trnI-GAU [complement(143401..143442)], ndhB [149072..149848], ndhB [150537..151292], rpl2 [160495..160893], rpl2 [161569..162003]	
2082.	LIMO	4	rps12 [138068..138093]	rpoC1 [16518..17244], atpF [26900..27603], trnG-UCC [complement(30066..30788)]
2083.	LIMR	56	rps12 [complement(103289..103314)], rps12 [complement(103851..104082)], rps12 [complement(74117..74230)], trnK-UUU [complement(1941..1975)], trnK-UUU [complement(4537..4573)], trnG-GCC [8398..8420], trnG-GCC [9146..9191], atpF [complement(11780..12190)], atpF [complement(12983..13126)], rpoC1 [complement(21367..22977)], rpoC1 [complement(23767..24198)], ycf3 [complement(45347..45499)], ycf3 [complement(46202..46429)], ycf3 [complement(47159..47284)], trnL-UAA [49552..49588], trnL-UAA [50168..50216], trnV-UAC [complement(54379..54415)], trnV-UAC [complement(55023..55061)], rps12 [complement(74117..74230)], rps12 [147860..148091], rps12 [148628..148653], clpP [complement(74395..74620)], clpP [complement(75248..75540)], clpP [complement(76411..76479)], petB [79465..79470], petB [80305..80946], petD [81140..81147], petD [81941..82415], rpl16 [complement(86197..86595)], rpl16 [complement(87655..87663)], rpl2 [complement(89515..89949)], rpl2 [complement(90625..91023)], ndhB [complement(100226..100981)], ndhB [complement(101670..102446)], trnI-GAU [108079..108120], trnI-GAU [109068..109102], trnA-UGC [109167..109204], trnA-UGC [110013..110047], ndhA [complement(126906..127445)], ndhA [complement(128631..129200)], trnA-UGC [complement(141895..141929)], trnA-UGC [complement(142738..142775)], trnI-GAU [complement(142840..142874)], trnI-GAU [complement(143822..143863)], ndhB [149497..150273], ndhB	trnG-GCC [8421..9145], trnL-UAA [49589..50167], trnV-UAC [complement(54416..55022)], clpP [complement(74621..75247)], clpP [complement(75541..76410)], trnI-GAU [108121..109067], trnI-GAU [complement(142875..143821)], rpl2 [161319..161993]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[150962..151717], rpl2 [160920..161318], rpl2 [161994..162428]	
2084.	LIMT	72	rps12 [complement(96134..96160)], rps12 [complement(96703..96933)], rps12 [complement(67686..67799)], trnK-UUU [complement(1389..1422)], trnK-UUU [complement(4026..4062)], rps16 [complement(4789..5000)], rps16 [complement(5893..5932)], trnG-GCC [8253..8276], trnG-GCC [8971..9007], atpF [complement(10941..11351)], atpF [complement(12135..12278)], rpoC1 [complement(20135..21759)], rpoC1 [complement(22544..22973)], ycf3 [complement(40666..40823)], ycf3 [complement(41532..41760)], ycf3 [complement(42489..42614)], trnL-UAA [45331..45365], trnL-UAA [45900..45949], trnV-UAC [complement(49386..49422)], trnV-UAC [complement(50025..50063)], rps12 [138152..138380], rps12 [138923..138948], clpP [complement(67953..68204)], clpP [complement(68790..69080)], clpP [complement(69871..69939)], petB [72874..72879], petB [73684..74343], petD [74551..74558], petD [75303..75798], rpl16 [complement(79297..79707)], rpl16 [complement(80708..80716)], rpl2 [complement(82666..83096)], rpl2 [complement(83772..84156)], ndhB [complement(93094..93849)], ndhB [complement(94499..95308)], trnI-GAU [100869..100910], trnI-GAU [101843..101877], trnA-UGC [101941..101978], trnA-UGC [102789..102823], ndhA [complement(117878..118417)], ndhA [complement(119462..120013)], trnA-UGC [complement(132259..132293)], trnA-UGC [complement(133104..133141)], trnI-GAU [complement(133205..133239)], trnI-GAU [complement(134172..134213)], ndhB [139774..140550], ndhB [141233..141988], rpl2 [150926..151312], rpl2 [151985..152416]	trnK-UUU [complement(1423..4025)], rps16 [complement(5001..5892)], trnG-GCC [8277..8970], atpF [complement(11352..12134)], rpoC1 [complement(21760..22543)], ycf3 [complement(40824..41531)], ycf3 [complement(41761..42488)], trnL-UAA [45366..45899], trnV-UAC [complement(49423..50024)], clpP [complement(68205..68789)], clpP [complement(69081..69870)], petB [72880..73683], petD [74559..75302], rpl16 [complement(79708..80707)], rpl2 [complement(83097..83771)], ndhB [complement(93850..94498)], trnI-GAU [100911..101842], trnA-UGC [101979..102788], ndhA [complement(118418..119461)], trnA-UGC [complement(132294..133103)], trnI-GAU [complement(133240..134171)], ndhB [140551..141232], rpl2 [151313..151984]
2085.	LIOV	56	rps12 [complement(102881..102906)], rps12 [complement(103443..103674)], rps12 [complement(73642..73755)], trnK-UUU [complement(1856..1890)], trnK-UUU [complement(4431..4467)], trnG-GCC [8261..8283], trnG-GCC [9009..9054], atpF [complement(11666..12076)], atpF [complement(12871..13014)], rpoC1 [complement(21189..22799)], rpoC1 [complement(23581..24012)], ycf3 [complement(45005..45157)], ycf3 [complement(45861..46088)], ycf3 [complement(46819..46944)], trnL-UAA [49215..49251], trnL-UAA [49832..49880], trnV-UAC	trnG-GCC [8284..9008], trnL-UAA [49252..49831], trnV-UAC [complement(54010..54616)], clpP [complement(74146..74768)], clpP [complement(75062..75960)], trnI-GAU [107705..108651], trnI-GAU [complement(142355..143301)], rpl2 [160799..161473]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53973..54009)], trnV-UAC [complement(54617..54655)], rps12 [complement(73642..73755)], rps12 [147340..147571], rps12 [148108..148133], clpP [complement(73920..74145)], clpP [complement(74769..75061)], clpP [complement(75961..76029)], petB [79034..79039], petB [79874..80515], petD [80709..80716], petD [81510..81984], rpl16 [complement(85760..86158)], rpl16 [complement(87246..87254)], rpl2 [complement(89106..89540)], rpl2 [complement(90216..90614)], ndhB [complement(99821..100576)], ndhB [complement(101265..102041)], trnI-GAU [107663..107704], trnI-GAU [108652..108686], trnA-UGC [108751..108788], trnA-UGC [109597..109631], ndhA [complement(126407..126946)], ndhA [complement(128132..128701)], trnA-UGC [complement(141375..141409)], trnA-UGC [complement(142218..142255)], trnI-GAU [complement(142320..142354)], trnI-GAU [complement(143302..143343)], ndhB [148973..149749], ndhB [150438..151193], rpl2 [160400..160798], rpl2 [161474..161908]	
2086.	LIPA	62	rps12 [complement(88248..88276)], rps12 [complement(88817..89048)], rps12 [complement(66302..66415)], trnK-UUU [complement(1366..1398)], trnK-UUU [complement(3938..3975)], rps16 [complement(4536..4759)], rps16 [complement(5601..5640)], trnG-UCC [complement(12895..12942)], trnG-UCC [complement(13622..13644)], atpF [31989..32147], atpF [32980..33387], ycf3 [complement(41119..41283)], ycf3 [complement(42037..42264)], ycf3 [complement(42993..43124)], trnL-UAA [45791..45825], trnL-UAA [46383..46432], trnV-UAC [complement(49894..49930)], trnV-UAC [complement(50527..50565)], petB [70162..70167], petB [70972..71613], petD [71802..71809], petD [72562..73036], rpl16 [complement(76612..77016)], rpl16 [complement(78066..78074)], rpl2 [complement(80030..80461)], rpl2 [complement(81129..81518)], ndhB [complement(85177..85932)], ndhB [complement(86644..87420)], trnI-GAU [92873..92914], trnI-GAU [93849..93883], trnA-UGC [93948..93985], trnA-UGC [94797..94831], ndhA [complement(110569..111108)], ndhA [complement(112161..112712)], trnA-UGC [complement(119974..120008)], trnA-UGC [complement(120820..120856)], trnI-GAU [complement(120922..120956)],	trnK-UUU [complement(1399..3937)], rps16 [complement(4760..5600)], trnG-UCC [complement(12943..13621)], atpF [32148..32979], ycf3 [complement(41284..42036)], ycf3 [complement(42265..42992)], trnL-UAA [45826..46382], trnV-UAC [complement(49931..50526)], petB [70168..70971], petD [71810..72561], rpl16 [complement(77017..78065)], rpl2 [complement(80462..81128)], ndhB [complement(85933..86643)], trnI-GAU [92915..93848], trnA-UGC [93986..94796], ndhA [complement(111109..112160)], trnA-UGC [complement(120009..120819)], trnI-GAU [complement(120957..121890)], ndhB [128162..128872], rpl2 [133677..134343]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(121891..121932)], ndhB [127385..128161], ndhB [128873..129628], rpl2 [133287..133676], rpl2 [134344..134775]	
2087.	LIPD	72	rps12 [complement(96034..96060)], rps12 [complement(96602..96832)], rps12 [complement(67702..67815)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(4012..4048)], rps16 [complement(4799..5010)], rps16 [complement(5905..5944)], trnG-GCC [8388..8411], trnG-GCC [9106..9142], atpF [complement(11080..11490)], atpF [complement(12280..12423)], rpoC1 [complement(20312..21936)], rpoC1 [complement(22721..23150)], ycf3 [complement(40929..41087)], ycf3 [complement(41810..42037)], ycf3 [complement(42756..42881)], trnL-UAA [45641..45675], trnL-UAA [46211..46260], trnV-UAC [complement(49690..49726)], trnV-UAC [complement(50329..50367)], rps12 [138033..138272], rps12 [138806..138835], clpP [complement(67962..68213)], clpP [complement(68796..69087)], clpP [complement(69886..69956)], petB [72884..72889], petB [73615..74271], petD [74480..74485], petD [75236..75733], rpl16 [complement(79205..79615)], rpl16 [complement(80603..80611)], rpl2 [complement(82554..82979)], rpl2 [complement(83658..84044)], ndhB [complement(92986..93741)], ndhB [complement(94391..95200)], trnI-GAU [100773..100814], trnI-GAU [101748..101782], trnA-UGC [101846..101883], trnA-UGC [102694..102728], ndhA [complement(117778..118317)], ndhA [complement(119365..119916)], trnA-UGC [complement(132137..132171)], trnA-UGC [complement(132982..133019)], trnI-GAU [complement(133083..133117)], trnI-GAU [complement(134051..134092)], ndhB [139665..140474], ndhB [141124..141879], rpl2 [150821..151207], rpl2 [151880..152311]	trnK-UUU [complement(1412..4011)], rps16 [complement(5011..5904)], trnG-GCC [8412..9105], atpF [complement(11491..12279)], rpoC1 [complement(21937..22720)], ycf3 [complement(41088..41809)], ycf3 [complement(42038..42755)], trnL-UAA [45676..46210], trnV-UAC [complement(49727..50328)], clpP [complement(68214..68795)], clpP [complement(69088..69885)], petB [72890..73614], petD [74486..75235], rpl16 [complement(79616..80602)], rpl2 [complement(82980..83657)], ndhB [complement(93742..94390)], trnI-GAU [100815..101747], trnA-UGC [101884..102693], ndhA [complement(118318..119364)], trnA-UGC [complement(132172..132981)], trnI-GAU [complement(133118..134050)], ndhB [140475..141123], rpl2 [151208..151879]
2088.	LIPE	1	rps12 [150804..150829]	-
2089.	LIPH	24	rps12 [141715..141740]	trnK [complement(4548..2014)], trnV [complement(53478..52829)], trnA [complement(136156..135269)], trnI [complement(137241..136219)], rps16 [complement(5689..6543)], trnG [9827..10512], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12948..13689)], trnD [complement(23334..24138)], ycf3 [complement(43676..44411)], ycf3 [complement(44642..45351)], trnL [48451..48932], clpP [complement(71822..72472)], clpP [complement(72765..73515)], petB [76501..77240], petD [78095..78834], rpl16 [complement(83143..84032)], rpl2 [complement(86103..86775)], ndhB [complement(96707..97385)], trnI [103495..104443], trnA [104581..105393], ndhA [complement(121213..122324)], ndhB [143313..143991], rpl2 [153923..154595]
2090.	LIPI	72	rps12 [complement(95483..95508)], rps12 [complement(96050..96281)], rps12 [complement(67101..67214)], trnK-UUU [complement(1385..1419)], trnK-UUU [complement(4024..4060)], rps16 [complement(4811..5020)], rps16 [complement(5908..5949)], trnG-UCC [8056..8079], trnG-UCC [8763..8810], atpF [complement(10745..11155)], atpF [complement(11943..12086)], rpoC1 [complement(19982..21613)], rpoC1 [complement(22359..22793)], ycf3 [complement(40249..40407)], ycf3 [complement(41135..41362)], ycf3 [complement(42080..42205)], trnL-UAA [44930..44964], trnL-UAA [45503..45552], trnV-UAC [complement(48951..48987)], trnV-UAC [complement(49593..49629)], rps12 [137475..137706], rps12 [138248..138273], clpP [complement(67361..67612)], clpP [complement(68193..68484)], clpP [complement(69277..69347)], petB [72280..72285], petB [73107..73748], petD [73956..73963], petD [74720..75209], rpl16 [complement(78689..79087)], rpl16 [complement(80083..80091)], rpl2 [complement(81984..82415)], rpl2 [complement(83088..83480)], ndhB [complement(92434..93189)], ndhB [complement(93873..94649)], trnI-GAU [100216..100252], trnI-GAU [101190..101224], trnA-UGC [101288..101325], trnA-UGC [102136..102170],	trnK-UUU [complement(1420..4023)], rps16 [complement(5021..5907)], trnG-UCC [8080..8762], atpF [complement(11156..11942)], rpoC1 [complement(21614..22358)], ycf3 [complement(40408..41134)], ycf3 [complement(41363..42079)], trnL-UAA [44965..45502], trnV-UAC [complement(48988..49592)], clpP [complement(67613..68192)], clpP [complement(68485..69276)], petB [72286..73106], petD [73964..74719], rpl16 [complement(79088..80082)], rpl2 [complement(82416..83087)], ndhB [complement(93190..93872)], trnI-GAU [100253..101189], trnA-UGC [101326..102135], ndhA [complement(117752..118795)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(117211..117751)], ndhA [complement(118796..119346)], trnA-UGC [complement(131586..131620)], trnA-UGC [complement(132431..132468)], trnI-GAU [complement(132532..132566)], trnI-GAU [complement(133504..133540)], ndhB [139107..139883], ndhB [140567..141322], rpl2 [150276..150665], rpl2 [151341..151772]	[complement(131621..132430)], trnI-GAU [complement(132567..133503)], ndhB [139884..140566], rpl2 [150666..151340]
2091.	LIPN	64	rps12 [complement(95351..95376)], rps12 [complement(95919..96150)], rps12 [complement(66861..66974)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4025..4061)], rps16 [complement(4806..5017)], rps16 [complement(5909..5948)], trnG-GCC [8263..8286], trnG-GCC [8979..9015], atpF [complement(10948..11357)], atpF [complement(12143..12287)], rpoC1 [complement(20164..21786)], rpoC1 [complement(22568..22999)], ycf3 [complement(39844..40002)], ycf3 [complement(40710..40937)], ycf3 [complement(41667..41792)], trnL-UAA [44505..44539], trnL-UAA [45078..45127], trnV-UAC [complement(48559..48595)], trnV-UAC [complement(49198..49236)], clpP [complement(67129..67381)], clpP [complement(67971..68261)], clpP [complement(69056..69123)], petB [72052..72057], petB [72880..73521], petD [73729..73734], petD [74485..74976], rpl16 [complement(78487..78885)], rpl16 [complement(79934..79942)], trnI-GAU [100086..100127], trnI-GAU [101060..101094], trnA-UGC [101158..101195], trnA-UGC [102006..102040], ndhA [complement(117134..117672)], ndhA [complement(118717..119269)], trnA-UGC [complement(131519..131553)], trnA-UGC [complement(132364..132401)], trnI-GAU [complement(132465..132499)], trnI-GAU [complement(133432..133473)], ndhB [139044..139852], ndhB [140502..141258], rpl2 [150173..150557], rpl2 [151232..151263]	trnK-UUU [complement(1404..4024)], rps16 [complement(5018..5908)], trnG-GCC [8287..8978], atpF [complement(11358..12142)], rpoC1 [complement(21787..22567)], ycf3 [complement(40003..40709)], ycf3 [complement(40938..41666)], trnL-UAA [44540..45077], trnV-UAC [complement(48596..49197)], clpP [complement(67382..67970)], clpP [complement(68262..69055)], petB [72058..72879], petD [73735..74484], rpl16 [complement(78886..79933)], trnI-GAU [100128..101059], trnA-UGC [101196..102005], ndhA [complement(117673..118716)], trnA-UGC [complement(131554..132363)], trnI-GAU [complement(132500..133431)], ndhB [139853..140501], rpl2 [150558..151231]
2092.	LIPR	4	rps12 [127979..128007], ndhA [complement(113750..114299)]	trnV-UAC [complement(51369..51964)], ndhA [complement(112720..113749)]
2093.	LIRA	11	rps12 [complement(90212..90443)], rps12 [127970..127998], petD [73985..74459], rpl2 [complement(81511..81944)], ndhA [complement(113741..114290)], rpl2 [134778..135170], rpl2 [135834..136262]	trnV-UAC [complement(51367..51962)], rpl2 [complement(81945..82604)], ndhA [complement(112711..113740)], rpl2 [135171..135833]
2094.	LISC	3	rps12 [142920..142945], petD [78725..79229]	trnK-UUU [complement(1417..4001)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2095.	LISI	72	<p>rps12 [complement(96809..96834)], rps12 [complement(97371..97602)], rps12 [complement(69428..69541)], psbA [complement(147548..148512)], psbA [complement(1..97)], trnK-UUU [complement(298..332)], trnK-UUU [complement(2854..2890)], rps16 [complement(3602..3798)], rps16 [complement(4653..4692)], trnG-UCC [7717..7739], trnG-UCC [8442..8482], atpF [complement(10395..10795)], atpF [complement(11517..11661)], rpoC1 [complement(19675..21279)], rpoC1 [complement(22035..22487)], ycf3 [complement(42174..42326)], ycf3 [complement(43103..43332)], ycf3 [complement(44051..44174)], trnL-UAA [47235..47270], trnL-UAA [47773..47821], trnV-UAC [complement(51429..51465)], trnV-UAC [complement(52053..52091)], rps12 [140528..140759], rps12 [141296..141321], clpP [complement(69687..69917)], clpP [complement(70549..70840)], clpP [complement(71678..71748)], petB [74700..74705], petB [75460..76101], petD [76281..76288], petD [77030..77504], rpl16 [complement(80997..81395)], rpl16 [complement(82362..82370)], rpl2 [complement(84045..84478)], rpl2 [complement(85131..85521)], ndhB [complement(93773..94528)], ndhB [complement(95211..95987)], trnI-GAU [101539..101575], trnI-GAU [102525..102559], trnA-UGC [102624..102661], trnA-UGC [103477..103511], ndhA [complement(120216..120754)], ndhA [complement(121826..122378)], trnA-UGC [complement(134619..134653)], trnA-UGC [complement(135469..135506)], trnI-GAU [complement(135571..135615)], trnI-GAU [complement(136555..136591)], ndhB [142143..142916], ndhB [143602..144357]</p>	<p>psbA [complement(148513..0)], trnK-UUU [complement(333..2853)], rps16 [complement(3799..4652)], trnG-UCC [7740..8441], atpF [complement(10796..11516)], rpoC1 [complement(21280..22034)], ycf3 [complement(42327..43102)], ycf3 [complement(43333..44050)], trnL-UAA [47271..47772], trnV-UAC [complement(51466..52052)], clpP [complement(69918..70548)], clpP [complement(70841..71677)], petB [74706..75459], petD [76289..77029], rpl16 [complement(81396..82361)], rpl2 [complement(84479..85130)], ndhB [complement(94529..95210)], trnI-GAU [101576..102524], trnA-UGC [102662..103476], ndhA [complement(120755..121825)], trnA-UGC [complement(134654..135468)], trnI-GAU [complement(135616..136554)], ndhB [142917..143601]</p>
2096.	LISP	70	<p>rps12 [complement(102886..102911)], rps12 [complement(103448..103679)], rps12 [complement(73807..73920)], trnK-UUU [complement(1834..1868)], trnK-UUU [complement(4409..4445)], trnG-GCC [8205..8227], trnG-GCC [8959..9004], atpF [complement(11638..12048)], atpF [complement(12840..12983)], rpoC1 [complement(21175..22785)], rpoC1 [complement(23567..23998)], ycf3 [complement(45143..45295)], ycf3 [complement(46000..46227)], ycf3 [complement(46963..47088)], trnL-UAA [49370..49406], trnL-UAA [49988..50037], trnV-UAC</p>	<p>trnK-UUU [complement(1869..4408)], trnG-GCC [8228..8958], atpF [complement(12049..12839)], rpoC1 [complement(22786..23566)], ycf3 [complement(45296..45999)], ycf3 [complement(46228..46962)], trnL-UAA [49407..49987], trnV-UAC [complement(54178..54784)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54141..54177)], trnV-UAC [complement(54785..54823)], rps12 [complement(73807..73920)], rps12 [147372..147603], rps12 [148140..148165], clpP [complement(74085..74310)], clpP [complement(74936..75228)], clpP [complement(76069..76137)], petB [79110..79115], petB [79950..80591], petD [80785..80792], petD [81586..82060], rpl16 [complement(85828..86226)], rpl16 [complement(87281..87289)], rpl2 [complement(89140..89574)], rpl2 [complement(90250..90648)], ndhB [complement(99826..100581)], ndhB [complement(101270..102046)], trnI-GAU [107676..107717], trnI-GAU [108665..108699], trnA-UGC [108764..108801], trnA-UGC [109610..109644], ndhA [complement(126404..126943)], ndhA [complement(128132..128701)], trnA-UGC [complement(141407..141441)], trnA-UGC [complement(142250..142287)], trnI-GAU [complement(142352..142386)], trnI-GAU [complement(143334..143375)], ndhB [149005..149781], ndhB [150470..151225], rpl2 [160403..160801], rpl2 [161477..161911]	[complement(74311..74935)], clpP [complement(75229..76068)], petB [79116..79949], petD [80793..81585], rpl16 [complement(86227..87280)], rpl2 [complement(89575..90249)], ndhB [complement(100582..101269)], trnI-GAU [107718..108664], trnA-UGC [108802..109609], ndhA [complement(126944..128131)], trnA-UGC [complement(141442..142249)], trnI-GAU [complement(142387..143333)], ndhB [149782..150469], rpl2 [160802..161476]
2097.	LISU	72	rps12 [complement(95311..95336)], rps12 [complement(95878..96106)], rps12 [complement(66967..67080)], trnK-UUU [complement(1326..1360)], trnK-UUU [complement(3957..3993)], rps16 [complement(4721..4932)], rps16 [complement(5816..5855)], trnG-UCC [8293..8315], trnG-UCC [8998..9045], atpF [complement(10980..11390)], atpF [complement(12168..12314)], rpoC1 [complement(20199..21821)], rpoC1 [complement(22600..23034)], ycf3 [complement(40184..40342)], ycf3 [complement(41064..41291)], ycf3 [complement(42002..42133)], trnL-UAA [44591..44625], trnL-UAA [45159..45208], trnV-UAC [complement(48652..48688)], trnV-UAC [complement(49291..49329)], rps12 [137302..137530], rps12 [138072..138097], clpP [complement(67228..67479)], clpP [complement(68053..68343)], clpP [complement(69136..69204)], petB [72134..72139], petB [72955..73596], petD [73805..73810], petD [74559..75050], rpl16 [complement(78525..78926)], rpl16 [complement(79925..79933)], rpl2 [complement(81803..82234)], rpl2 [complement(82906..83298)], ndhB [complement(92263..93018)], ndhB [complement(93701..94477)], trnI-GAU [100055..100096], trnI-GAU	trnK-UUU [complement(1361..3956)], rps16 [complement(4933..5815)], trnG-UCC [8316..8997], atpF [complement(11391..12167)], rpoC1 [complement(21822..22599)], ycf3 [complement(40343..41063)], ycf3 [complement(41292..42001)], trnL-UAA [44626..45158], trnV-UAC [complement(48689..49290)], clpP [complement(67480..68052)], clpP [complement(68344..69135)], petB [72140..72954], petD [73811..74558], rpl16 [complement(78927..79924)], rpl2 [complement(82235..82905)], ndhB [complement(93019..93700)], trnI-GAU [100097..101028], trnA-UGC [101165..101974], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101029..101063], trnA-UGC [101127..101164], trnA-UGC [101975..102009], ndhA [complement(117013..117552)], ndhA [complement(118598..119149)], trnA-UGC [complement(131400..131434)], trnA-UGC [complement(132245..132282)], trnI-GAU [complement(132345..132379)], trnI-GAU [complement(133312..133353)], ndhB [138931..139707], ndhB [140390..141145], rpl2 [150110..150502], rpl2 [151174..151605]	[complement(117553..118597)], trnA-UGC [complement(131435..132244)], trnI-GAU [complement(132380..133311)], ndhB [139708..140389], rpl2 [150503..151173]
2098.	LITA	72	rps12 [complement(96360..96386)], rps12 [complement(96928..97158)], rps12 [complement(67975..68088)], trnK-UUU [complement(1377..1411)], trnK-UUU [complement(4014..4050)], rps16 [complement(4788..4999)], rps16 [complement(5890..5929)], trnG-GCC [8384..8407], trnG-GCC [9095..9131], atpF [complement(11079..11489)], atpF [complement(12270..12413)], rpoC1 [complement(20304..21928)], rpoC1 [complement(22702..23131)], ycf3 [complement(40859..41017)], ycf3 [complement(41741..41968)], ycf3 [complement(42686..42811)], trnL-UAA [45574..45608], trnL-UAA [46139..46188], trnV-UAC [complement(49611..49647)], trnV-UAC [complement(50242..50280)], rps12 [138356..138595], rps12 [139129..139158], clpP [complement(68235..68486)], clpP [complement(69070..69361)], clpP [complement(70156..70226)], petB [73155..73160], petB [73891..74547], petD [74756..74761], petD [75512..76009], rpl16 [complement(79512..79922)], rpl16 [complement(80911..80919)], rpl2 [complement(82862..83287)], rpl2 [complement(83966..84352)], ndhB [complement(93312..94067)], ndhB [complement(94717..95526)], trnI-GAU [101100..101141], trnI-GAU [102074..102108], trnA-UGC [102172..102209], trnA-UGC [103020..103054], ndhA [complement(118109..118648)], ndhA [complement(119697..120248)], trnA-UGC [complement(132460..132494)], trnA-UGC [complement(133305..133342)], trnI-GAU [complement(133406..133440)], trnI-GAU [complement(134373..134414)], ndhB [139988..140797], ndhB [141447..142202], rpl2 [151162..151548], rpl2 [152221..152652]	trnK-UUU [complement(1412..4013)], rps16 [complement(5000..5889)], trnG-GCC [8408..9094], atpF [complement(11490..12269)], rpoC1 [complement(21929..22701)], ycf3 [complement(41018..41740)], ycf3 [complement(41969..42685)], trnL-UAA [45609..46138], trnV-UAC [complement(49648..50241)], clpP [complement(68487..69069)], clpP [complement(69362..70155)], petB [73161..73890], petD [74762..75511], rpl16 [complement(79923..80910)], rpl2 [complement(83288..83965)], ndhB [complement(94068..94716)], trnI-GAU [101142..102073], trnA-UGC [102210..103019], ndhA [complement(118649..119696)], trnA-UGC [complement(132495..133304)], trnI-GAU [complement(133441..134372)], ndhB [140798..141446], rpl2 [151549..152220]
2099.	LITE	69	rps12 [complement(99409..99434)], rps12 [complement(99971..100202)], rps12 [complement(70633..70746)], trnK-UUU [complement(1523..1557)], trnK-UUU [complement(4071..4107)], rps16 [complement(4811..5007)], rps16	trnK-UUU [complement(1558..4070)], rps16 [complement(5008..5861)], trnG-UCC [8928..9628], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5862..5901)], trnG-UCC [8905..8927], trnG-UCC [9629..9676], atpF [complement(11580..11980)], atpF [complement(12701..12845)], rpoC1 [complement(20872..22476)], rpoC1 [complement(23230..23661)], ycf3 [complement(43357..43509)], ycf3 [complement(44286..44513)], ycf3 [complement(45233..45358)], trnL-UAA [48474..48508], trnL-UAA [49011..49060], trnV-UAC [complement(52647..52681)], trnV-UAC [complement(53250..53288)], rps12 [143174..143405], rps12 [143942..143967], clpP [complement(70892..71120)], clpP [complement(71760..72053)], clpP [complement(72893..72963)], petB [75918..75923], petB [76676..77317], petD [77497..77504], petD [78246..78720], rpl16 [complement(82226..82624)], rpl16 [complement(83585..83593)], rpl2 [complement(85281..85714)], rpl2 [complement(86366..86756)], trnI-GAU [104131..104167], trnI-GAU [105136..105170], trnA-UGC [105235..105272], trnA-UGC [106087..106121], ndhA [complement(122845..123383)], ndhA [complement(124455..125007)], trnA-UGC [complement(137255..137289)], trnA-UGC [complement(138104..138141)], trnI-GAU [complement(138206..138240)], trnI-GAU [complement(139209..139245)], ndhB [144789..145565], ndhB [146248..147003], rpl2 [156620..157010], rpl2 [157662..158095]	[complement(11981..12700)], rpoC1 [complement(22477..23229)], ycf3 [complement(43510..44285)], ycf3 [complement(44514..45232)], trnL-UAA [48509..49010], trnV-UAC [complement(52682..53249)], clpP [complement(71121..71759)], clpP [complement(72054..72892)], petB [75924..76675], petD [77505..78245], rpl16 [complement(82625..83584)], rpl2 [complement(85715..86365)], trnI-GAU [104168..105135], trnA-UGC [105273..106086], ndhA [complement(123384..124454)], trnA-UGC [complement(137290..138103)], trnI-GAU [complement(138241..139208)], ndhB [145566..146247], rpl2 [157011..157661]
2100.	LITN	63	rps12 [complement(96082..96107)], rps12 [complement(96635..96866)], rps12 [complement(70098..70211)], trnK-UUU [complement(1610..1644)], trnK-UUU [complement(4127..4163)], rps16 [complement(4807..5011)], rps16 [complement(5901..6007)], trnG-UCC [8365..8387], trnG-UCC [9078..9125], atpF [complement(11141..11550)], atpF [complement(12308..12452)], rpoC1 [complement(20012..21631)], rpoC1 [complement(22408..22839)], ycf3 [complement(43240..43392)], ycf3 [complement(44160..44387)], ycf3 [complement(45111..45236)], trnL-UAA [48258..48294], trnL-UAA [48801..48850], trnV-UAC [complement(52176..52210)], trnV-UAC [complement(52777..52814)], rps12 [138284..138515], rps12 [139043..139068], clpP [complement(70337..70669)], clpP [complement(71215..71506)], clpP [complement(72062..72147)], petB [75007..75012], petB [75716..76357], petD [76564..76571], petD	trnK-UUU [complement(1645..4126)], rps16 [complement(5012..5900)], trnG-UCC [8388..9077], atpF [complement(11551..12307)], rpoC1 [complement(21632..22407)], ycf3 [complement(43393..44159)], ycf3 [complement(44388..45110)], trnL-UAA [48295..48800], trnV-UAC [complement(52211..52776)], clpP [complement(70670..71214)], clpP [complement(71507..72061)], petB [75013..75715], petD [76572..77308], ndhB [complement(93778..94448)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77309..77783], ndhB [complement(93022..93777)], ndhB [complement(94449..95225)], trnI-GAU [100706..100742], trnI-GAU [101690..101724], trnA-UGC [101789..101826], trnA-UGC [102508..102542], ndhA [complement(118312..118841)], ndhA [complement(119866..120418)], trnA-UGC [complement(132608..132642)], trnA-UGC [complement(133324..133361)], trnI-GAU [complement(133426..133460)], trnI-GAU [complement(134408..134444)], ndhB [139925..140701], ndhB [141373..142128]	[100743..101689], trnA-UGC [101827..102507], ndhA [complement(118842..119865)], trnA-UGC [complement(132643..133323)], trnI-GAU [complement(133461..134407)], ndhB [140702..141372]
2101.	LITO	56	rps12 [complement(103147..103172)], rps12 [complement(103709..103940)], rps12 [complement(73962..74075)], trnK-UUU [complement(1861..1895)], trnK-UUU [complement(4457..4493)], trnG-GCC [8321..8343], trnG-GCC [9075..9120], atpF [complement(11796..12206)], atpF [complement(13003..13146)], rpoC1 [complement(21349..22959)], rpoC1 [complement(23749..24180)], ycf3 [complement(45211..45363)], ycf3 [complement(46072..46299)], ycf3 [complement(47036..47161)], trnL-UAA [49436..49472], trnL-UAA [50068..50116], trnV-UAC [complement(54275..54311)], trnV-UAC [complement(54919..54957)], rps12 [complement(73962..74075)], rps12 [147666..147897], rps12 [148434..148459], clpP [complement(74240..74465)], clpP [complement(75090..75382)], clpP [complement(76248..76316)], petB [79301..79306], petB [80144..80785], petD [80980..80987], petD [81781..82255], rpl16 [complement(86005..86403)], rpl16 [complement(87497..87505)], rpl2 [complement(89376..89810)], rpl2 [complement(90486..90884)], ndhB [complement(100087..100842)], ndhB [complement(101531..102307)], trnI-GAU [107937..107978], trnI-GAU [108926..108960], trnA-UGC [109025..109062], trnA-UGC [109871..109905], ndhA [complement(126679..127218)], ndhA [complement(128404..128973)], trnA-UGC [complement(141701..141735)], trnA-UGC [complement(142544..142581)], trnI-GAU [complement(142646..142680)], trnI-GAU [complement(143628..143669)], ndhB [149299..150075], ndhB [150764..151519], rpl2 [160722..161120], rpl2 [161796..162230]	trnG-GCC [8344..9074], trnL-UAA [49473..50067], trnV-UAC [complement(54312..54918)], clpP [complement(74466..75089)], clpP [complement(75383..76247)], trnI-GAU [107979..108925], trnI-GAU [complement(142681..143627)], rpl2 [161121..161795]
2102.	LITS	70	rps12 [complement(95939..95964)], rps12 [complement(96507..96738)],	trnK-UUU [complement(1404..4028)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(67441..67554)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4029..4065)], rps16 [complement(4808..5017)], rps16 [complement(5909..5950)], trnG-UCC [8268..8291], trnG-UCC [8974..9021], atpF [complement(10950..11360)], atpF [complement(12145..12288)], rpoC1 [complement(20164..21801)], rpoC1 [complement(22569..23003)], ycf3 [complement(40431..40589)], ycf3 [complement(41297..41524)], ycf3 [complement(42254..42379)], trnL-UAA [45092..45126], trnL-UAA [45665..45714], trnV-UAC [complement(49146..49182)], trnV-UAC [complement(49785..49823)], clpP [complement(67709..67960)], clpP [complement(68546..68836)], clpP [complement(69634..69702)], petB [72632..72637], petB [73452..74099], petD [74307..74312], petD [75063..75554], rpl16 [complement(79052..79450)], rpl16 [complement(80499..80507)], rpl2 [complement(82460..82891)], rpl2 [complement(83564..83950)], ndhB [complement(92889..93644)], ndhB [complement(94294..95103)], trnI-GAU [100674..100715], trnI-GAU [101648..101682], trnA-UGC [101746..101783], trnA-UGC [102594..102628], ndhA [complement(117757..118296)], ndhA [complement(119341..119892)], trnA-UGC [complement(132142..132176)], trnA-UGC [complement(132987..133024)], trnI-GAU [complement(133088..133122)], trnI-GAU [complement(134055..134096)], ndhB [139667..140476], ndhB [141126..141881], rpl2 [150814..151203], rpl2 [151879..152310]</p>	<p>[complement(5018..5908)], trnG-UCC [8292..8973], atpF [complement(11361..12144)], rpoC1 [complement(21802..22568)], ycf3 [complement(40590..41296)], ycf3 [complement(41525..42253)], trnL-UAA [45127..45664], trnV-UAC [complement(49183..49784)], clpP [complement(67961..68545)], clpP [complement(68837..69633)], petB [72638..73451], petD [74313..75062], rpl16 [complement(79451..80498)], rpl2 [complement(82892..83563)], ndhB [complement(93645..94293)], trnI-GAU [100716..101647], trnA-UGC [101784..102593], ndhA [complement(118297..119340)], trnA-UGC [complement(132177..132986)], trnI-GAU [complement(133123..134054)], ndhB [140477..141125], rpl2 [151204..151878]</p>
2103.	LITU	24	<p>rps12 [complement(102452..102694)], rps12 [complement(73691..73804)], rps12 [145343..145585]</p>	<p>trnK-UUU [complement(1874..4359)], rps16 [complement(5279..6098)], trnG-UCC [10102..10876], atpF [complement(13259..13984)], rpoC1 [complement(23743..24471)], ycf3 [complement(45298..46025)], ycf3 [complement(46254..46999)], trnL-UAA [49765..50254], trnV-UAC [complement(54930..55518)], clpP [complement(74197..74823)], clpP [complement(75117..75896)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[78857..79645], rpl2 [complement(88631..89291)], ndhB [complement(99580..100279)], trnI-GAU [106650..107595], trnA-UGC [107733..108531], ndhA [complement(125541..126617)], trnA-UGC [complement(139506..140304)], trnI-GAU [complement(140442..141382)], ndhB [147758..148457], rpl2 [158748..159405]
2104.	LIUS	1	rps12 [141532..141557]	-
2105.	LIVE	4	rps12 [138203..138228]	rpoC1 [16521..17250], atpF [26912..27615], trnG-UCC [complement(30081..30783)]
2106.	LIVU	67	rps12 [complement(100421..100455)], rps12 [complement(100992..101223)], rps12 [complement(73212..73325)], rps16 [complement(5263..5489)], rps16 [complement(6367..6406)], trnG-GCC [10070..10092], trnG-GCC [10778..10825], atpF [complement(12760..13170)], atpF [complement(13868..14011)], rpoC1 [complement(21934..23553)], rpoC1 [complement(24264..24716)], ycf3 [complement(44141..44293)], ycf3 [complement(45041..45270)], ycf3 [complement(45975..46098)], trnL-UAA [48940..48974], trnL-UAA [49449..49498], rps12 [complement(73212..73325)], rps12 [148460..148691], rps12 [149228..149262], clpP [complement(73459..73728)], clpP [complement(74371..74662)], clpP [complement(75470..75540)], petB [78456..78461], petB [79180..79821], petD [80004..80011], petD [80728..81202], rpl16 [complement(84624..85022)], rpl16 [complement(85878..85886)], rpl2 [complement(87558..87991)], rpl2 [complement(88658..89048)], ndhB [complement(97419..98174)], ndhB [complement(98854..99630)], trnI-GAU [104667..104703], trnI-GAU [105652..105686], trnA-UGC [105751..105788], trnA-UGC [106591..106625], ndhA [complement(128305..128834)], ndhA [complement(129938..130493)], trnA-UGC [complement(143045..143079)], trnA-UGC [complement(143882..143919)], trnI-GAU [complement(143984..144018)],	rps16 [complement(5490..6366)], trnG-GCC [10093..10777], atpF [complement(13171..13867)], rpoC1 [complement(23554..24263)], ycf3 [complement(44294..45040)], ycf3 [complement(45271..45974)], trnL-UAA [48975..49448], clpP [complement(73729..74370)], clpP [complement(74663..75469)], petB [78462..79179], petD [80012..80727], rpl16 [complement(85023..85877)], rpl2 [complement(87992..88657)], ndhB [complement(98175..98853)], trnI-GAU [104704..105651], trnA-UGC [105789..106590], ndhA [complement(128835..129937)], trnA-UGC [complement(143080..143881)], trnI-GAU [complement(144019..144966)], ndhB [150830..151508], rpl2 [161026..161691]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(144967..145003)], ndhB [150053..150829], ndhB [151509..152264], rpl2 [160635..161025], rpl2 [161692..162125]	
2107.	LIWA	72	rps12 [complement(95302..95327)], rps12 [complement(95869..96100)], rps12 [complement(66930..67043)], trnK-UUU [complement(1362..1396)], trnK-UUU [complement(3998..4034)], rps16 [complement(4761..4972)], rps16 [complement(5863..5902)], trnG-UCC [8341..8364], trnG-UCC [9046..9093], atpF [complement(11027..11437)], atpF [complement(12222..12365)], rpoC1 [complement(20236..21867)], rpoC1 [complement(22624..23058)], ycf3 [complement(40150..40308)], ycf3 [complement(41032..41259)], ycf3 [complement(41977..42102)], trnL-UAA [44565..44599], trnL-UAA [45133..45182], trnV-UAC [complement(48631..48665)], trnV-UAC [complement(49271..49309)], rps12 [137261..137492], rps12 [138034..138059], clpP [complement(67190..67441)], clpP [complement(68022..68313)], clpP [complement(69108..69178)], petB [72112..72117], petB [72919..73566], petD [73774..73779], petD [74528..75019], rpl16 [complement(78521..78919)], rpl16 [complement(79923..79931)], rpl2 [complement(81794..82225)], rpl2 [complement(82900..83289)], ndhB [complement(92254..93009)], ndhB [complement(93692..94468)], trnI-GAU [100043..100079], trnI-GAU [101017..101051], trnA-UGC [101115..101152], trnA-UGC [101963..101997], ndhA [complement(117012..117551)], ndhA [complement(118602..119153)], trnA-UGC [complement(131364..131398)], trnA-UGC [complement(132209..132246)], trnI-GAU [complement(132310..132344)], trnI-GAU [complement(133282..133318)], ndhB [138893..139669], ndhB [140352..141107], rpl2 [150072..150461], rpl2 [151136..151567]	trnK-UUU [complement(1397..3997)], rps16 [complement(4973..5862)], trnG-UCC [8365..9045], atpF [complement(11438..12221)], rpoC1 [complement(21868..22623)], ycf3 [complement(40309..41031)], ycf3 [complement(41260..41976)], trnL-UAA [44600..45132], trnV-UAC [complement(48666..49270)], clpP [complement(67442..68021)], clpP [complement(68314..69107)], petB [72118..72918], petD [73780..74527], rpl16 [complement(78920..79922)], rpl2 [complement(82226..82899)], ndhB [complement(93010..93691)], trnI-GAU [100080..101016], trnA-UGC [101153..101962], ndhA [complement(117552..118601)], trnA-UGC [complement(131399..132208)], trnI-GAU [complement(132345..133281)], ndhB [139670..140351], rpl2 [150462..151135]
2108.	LLCA	28	rps12 [complement(97423..97665)], rps12 [complement(69166..69279)], trnK-UUU [complement(1553..1582)], trnK-UUU [complement(4095..4131)], ycf3 [complement(43093..43322)], rps12 [138012..138254]	trnK-UUU [complement(1583..4094)], rps16 [complement(5189..6073)], rpoC1 [16422..17163], atpF [26899..27605], trnG-UCC [complement(30088..30799)], ycf3 [complement(42354..43092)], ycf3 [complement(43323..44021)], trnL-UAA [47115..47553], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(51034..51606)], clpP [complement(69702..70325)], clpP [complement(70617..71424)], petB [74446..75202], petD [76040..76765], rpl2 [complement(84212..84882)], ndhB [complement(94614..95283)], trnI-GAU [101678..102452], trnA-UGC [102590..103410], ndhA [115734..116773], trnA-UGC [complement(132267..133087)], trnI-GAU [complement(133225..133999)], ndhB [140394..141063], rpl2 [150796..151466]
2109.	LOAB	1	rps12 [151027..151052]	-
2110.	LOAC	1	rps12 [151200..151225]	-
2111.	LOAN	1	rps12 [151640..151665]	-
2112.	LOBA	1	rps12 [151222..151247]	-
2113.	LOBE	1	rps12 [151373..151398]	-
2114.	LOBO	1	rps12 [149608..149633]	-
2115.	LOBU	3	rps12 [complement(151552..151577)]	pafl [complement(57639..58343)], trnI-GAU [complement(144857..145798)]
2116.	LOCA	1	rps12 [152745..152770]	-
2117.	LOCH	1	rps12 [151373..151398]	-
2118.	LOCL	65	rps12 [complement(103194..103219)], rps12 [complement(103756..103987)], rps12 [complement(75693..75806)], trnK-UUU [complement(1899..1933)], trnK-UUU [complement(4505..4541)], rps16 [complement(5121..5350)], rps16 [complement(6213..6252)], trnG-GCC [10243..10263], trnG-GCC [10981..11027], atpF [complement(12991..13401)], atpF [complement(14160..14303)], rpoC1 [complement(22393..24008)], rpoC1 [complement(24786..25215)], ycf3 [complement(45184..45336)], ycf3 [complement(46096..46325)], ycf3 [complement(47077..47200)], trnL-UAA [49872..49908], trnL-UAA [50420..50472], trnV-UAC [complement(54369..54405)], trnV-UAC [complement(54982..55020)], rps12	trnK-UUU [complement(1934..4504)], rps16 [complement(5351..6212)], trnG-GCC [10264..10980], atpF [complement(13402..14159)], rpoC1 [complement(24009..24785)], ycf3 [complement(45337..46095)], ycf3 [complement(46326..47076)], trnL-UAA [49909..50419], trnV-UAC [complement(54406..54981)], petB [79538..80332], petD [81176..81960], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(75693..75806)], rps12 [144973..145204], rps12 [145741..145772], petB [79532..79537], petB [80333..80974], petD [81168..81175], petD [81961..82435], rpl16 [complement(86058..86456)], rpl16 [complement(87569..87577)], rpl2 [complement(89324..89757)], rpl2 [complement(90422..90812)], ndhB [complement(100122..100877)], ndhB [complement(101557..102333)], trnI-GAU [107981..108017], trnI-GAU [108965..108997], trnA-UGC [109064..109101], trnA-UGC [109911..109945], ndhA [complement(124562..125100)], ndhA [complement(126196..126748)], trnA-UGC [complement(139021..139055)], trnA-UGC [complement(139865..139902)], trnI-GAU [complement(139967..140001)], trnI-GAU [complement(140949..140985)], ndhB [146633..147409], ndhB [148089..148844]	[complement(86457..87568)], rpl2 [complement(89758..90421)], ndhB [complement(100878..101556)], trnI-GAU [108018..108964], trnA-UGC [109102..109910], ndhA [complement(125101..126195)], trnA-UGC [complement(139056..139864)], trnI-GAU [complement(140002..140948)], ndhB [147410..148088]
2119.	LOCN	65	rps12 [complement(100821..100846)], rps12 [complement(101383..101614)], rps12 [complement(74067..74180)], trnK-UUU [complement(1858..1892)], trnK-UUU [complement(4428..4464)], rps16 [complement(5048..5277)], rps16 [complement(6145..6184)], trnG-GCC [10005..10025], trnG-GCC [10743..10789], atpF [complement(12733..13143)], atpF [complement(13880..14023)], rpoC1 [complement(22010..23617)], rpoC1 [complement(24395..24826)], ycf3 [complement(44643..44795)], ycf3 [complement(45556..45785)], ycf3 [complement(46519..46642)], trnL-UAA [49236..49272], trnL-UAA [49784..49836], trnV-UAC [complement(53699..53735)], trnV-UAC [complement(54313..54351)], rps12 [complement(74067..74180)], rps12 [142855..143086], rps12 [143623..143648], petB [77831..77836], petB [78593..79234], petD [79429..79436], petD [80222..80696], rpl16 [complement(84251..84649)], rpl16 [complement(85715..85723)], rpl2 [complement(87461..87894)], rpl2 [complement(88558..88948)], ndhB [complement(97744..98499)], ndhB [complement(99179..99955)], trnI-GAU [105596..105632], trnI-GAU [106580..106612], trnA-UGC [106679..106716], trnA-UGC [107526..107560], ndhA [complement(121756..122294)], ndhA [complement(123388..123940)], trnA-UGC [complement(136909..136943)], trnA-UGC [complement(137753..137790)], trnI-GAU [complement(137855..137889)],	trnK-UUU [complement(1893..4427)], rps16 [complement(5278..6144)], trnG-GCC [10026..10742], atpF [complement(13144..13879)], rpoC1 [complement(23618..24394)], ycf3 [complement(44796..45555)], ycf3 [complement(45786..46518)], trnL-UAA [49273..49783], trnV-UAC [complement(53736..54312)], petB [77837..78592], petD [79437..80221], rpl16 [complement(84650..85714)], rpl2 [complement(87895..88557)], ndhB [complement(98500..99178)], trnI-GAU [105633..106579], trnA-UGC [106717..107525], ndhA [complement(122295..123387)], trnA-UGC [complement(136944..137752)], trnI-GAU [complement(137890..138836)], ndhB [145291..145969]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138837..138873)], ndhB [144514..145290], ndhB [145970..146725]	
2120.	LOCO	1	rps12 [152401..152426]	-
2121.	LODA	1	rps12 [153447..153472]	-
2122.	LODO	1	rps12 [152163..152188]	-
2123.	LOEN	72	rps12 [complement(99367..99392)], rps12 [complement(99930..100161)], rps12 [complement(71262..71375)], trnK-UUU [complement(1679..1713)], trnK-UUU [complement(4213..4249)], rps16 [complement(5206..5435)], rps16 [complement(6323..6362)], trnG-UCC [9084..9106], trnG-UCC [9814..9861], atpF [complement(12004..12413)], atpF [complement(13168..13312)], rpoC1 [complement(21316..22926)], rpoC1 [complement(23740..24171)], ycf3 [complement(43437..43589)], ycf3 [complement(44341..44568)], ycf3 [complement(45316..45441)], trnL-UAA [48511..48545], trnL-UAA [49060..49109], trnV-UAC [complement(52236..52270)], trnV-UAC [complement(52861..52899)], rps12 [142479..142710], rps12 [143248..143273], clpP [complement(71529..71756)], clpP [complement(72450..72741)], clpP [complement(73590..73660)], petB [76574..76579], petB [77324..77965], petD [78173..78180], petD [78899..79373], rpl16 [complement(82828..83226)], rpl16 [complement(84250..84258)], rpl2 [complement(85993..86426)], rpl2 [complement(87116..87506)], ndhB [complement(96307..97062)], ndhB [complement(97748..98524)], trnI-GAU [103979..104015], trnI-GAU [104959..104993], trnA-UGC [105058..105095], trnA-UGC [105779..105813], ndhA [complement(121992..122531)], ndhA [complement(123732..124283)], trnA-UGC [complement(136827..136861)], trnA-UGC [complement(137545..137582)], trnI-GAU [complement(137647..137681)], trnI-GAU [complement(138625..138661)], ndhB [144116..144892], ndhB [145578..146333], rpl2 [155134..155524], rpl2 [156214..156647]	trnK-UUU [complement(1714..4212)], rps16 [complement(5436..6322)], trnG-UCC [9107..9813], atpF [complement(12414..13167)], rpoC1 [complement(22927..23739)], ycf3 [complement(43590..44340)], ycf3 [complement(44569..45315)], trnL-UAA [48546..49059], trnV-UAC [complement(52271..52860)], clpP [complement(71757..72449)], clpP [complement(72742..73589)], petB [76580..77323], petD [78181..78898], rpl16 [complement(83227..84249)], rpl2 [complement(86427..87115)], ndhB [complement(97063..97747)], trnI-GAU [104016..104958], trnA-UGC [105096..105778], ndhA [complement(122532..123731)], trnA-UGC [complement(136862..137544)], trnI-GAU [complement(137682..138624)], ndhB [144893..145577], rpl2 [155525..156213]
2124.	LOER	1	rps12 [152397..152422]	-
2125.	LOFE	67	rps12 [complement(100274..100299)], rps12 [complement(100836..101067)], rps12 [complement(73526..73639)], trnK-UUU [complement(1693..1727)], trnK-UUU [complement(4263..4299)], rps16 [complement(4733..4962)], rps16	trnK-UUU [complement(1728..4262)], rps16 [complement(4963..5826)], trnG-GCC [9740..10443], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5827..5866)], trnG-GCC [9717..9739], trnG-GCC [10444..10490], atpF [complement(12436..12846)], atpF [complement(13582..13725)], rpoC1 [complement(21733..23342)], rpoC1 [complement(24111..24540)], ycf3 [complement(44337..44491)], ycf3 [complement(45256..45481)], ycf3 [complement(46223..46348)], trnL-UAA [48945..48980], trnL-UAA [49499..49547], trnV-UAC [complement(53383..53418)], trnV-UAC [complement(53995..54034)], rps18 [71452..71490], rps18 [71554..71755], rps18 [72072..72118], rps12 [complement(73526..73639)], rps12 [141995..142226], rps12 [142763..142794], rpl2 [complement(86892..87326)], rpl2 [complement(88000..88380)], ycf2 [89073..95204], ycf2 [95454..95951], ndhB [complement(97197..97952)], ndhB [complement(98632..99408)], trnI-GAU [105028..105064], trnI-GAU [106012..106046], trnA-UGC [106111..106148], trnA-UGC [106958..106992], ndhA [complement(121211..121749)], ndhA [complement(122846..123398)], trnA-UGC [complement(136076..136110)], trnA-UGC [complement(136920..136957)], trnI-GAU [complement(137022..137056)], trnI-GAU [complement(138004..138040)], ndhB [143660..144436], ndhB [145116..145871], ycf2 [complement(147117..147614)], ycf2 [complement(147864..153995)]	[complement(12847..13581)], rpoC1 [complement(23343..24110)], ycf3 [complement(44492..45255)], ycf3 [complement(45482..46222)], trnL-UAA [48981..49498], trnV-UAC [complement(53419..53994)], rps18 [71491..71553], rps18 [71756..72071], rpl2 [complement(87327..87999)], ycf2 [95205..95453], ndhB [complement(97953..98631)], trnI-GAU [105065..106011], trnA-UGC [106149..106957], ndhA [complement(121750..122845)], trnA-UGC [complement(136111..136919)], trnI-GAU [complement(137057..138003)], ndhB [144437..145115], ycf2 [complement(147615..147863)]
2126.	LOGA	1	rps12 [152393..152418]	-
2127.	LOGI	1	rps12 [151597..151622]	-
2128.	LOHA	1	rps12 [complement(151706..151731)]	-
2129.	LOHI	67	rps12 [complement(100306..100331)], rps12 [complement(100868..101099)], rps12 [complement(73551..73664)], trnK-UUU [complement(1701..1735)], trnK-UUU [complement(4265..4301)], rps16 [complement(4881..5110)], rps16 [complement(5969..6008)], trnG-GCC [9824..9846], trnG-GCC [10564..10610], atpF [complement(12557..12967)], atpF [complement(13703..13846)], rpoC1 [complement(21857..23466)], rpoC1 [complement(24234..24663)], ycf3 [complement(44468..44622)], ycf3 [complement(45383..45608)], ycf3 [complement(46341..46466)], trnL-UAA [49073..49108], trnL-UAA [49598..49646], trnV-UAC [complement(53477..53512)], trnV-UAC [complement(54087..54126)], rps18	trnK-UUU [complement(1736..4264)], rps16 [complement(5111..5968)], trnG-GCC [9847..10563], atpF [complement(12968..13702)], rpoC1 [complement(23467..24233)], ycf3 [complement(44623..45382)], ycf3 [complement(45609..46340)], trnL-UAA [49109..49597], trnV-UAC [complement(53513..54086)], rps18 [71515..71577], rps18 [71780..72086], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[71476..71514], rps18 [71578..71779], rps18 [72087..72133], rps12 [complement(73551..73664)], rps12 [142080..142311], rps12 [142848..142879], rpl2 [complement(86964..87398)], rpl2 [complement(88071..88451)], ycf2 [89150..95236], ycf2 [95486..95983], ndhB [complement(97229..97984)], ndhB [complement(98664..99440)], trnI-GAU [105061..105097], trnI-GAU [106044..106078], trnA-UGC [106143..106180], trnA-UGC [106990..107024], ndhA [complement(121185..121723)], ndhA [complement(122796..123348)], trnA-UGC [complement(136161..136195)], trnA-UGC [complement(137005..137042)], trnI-GAU [complement(137107..137141)], trnI-GAU [complement(138088..138124)], ndhB [143745..144521], ndhB [145201..145956], ycf2 [complement(147202..147699)], ycf2 [complement(147949..154035)]	[complement(87399..88070)], ycf2 [95237..95485], ndhB [complement(97985..98663)], trnI-GAU [105098..106043], trnA-UGC [106181..106989], ndhA [complement(121724..122795)], trnA-UGC [complement(136196..137004)], trnI-GAU [complement(137142..138087)], ndhB [144522..145200], ycf2 [complement(147700..147948)]
2130.	LOHO	1	rps12 [complement(67015..67128)]	-
2131.	LOIN	1	rps12 [155720..155745]	-
2132.	LOIS	65	rps12 [complement(100013..100038)], rps12 [complement(100575..100806)], rps12 [complement(73137..73250)], trnK-UUU [complement(1688..1722)], trnK-UUU [complement(4239..4275)], rps16 [complement(4862..5091)], rps16 [complement(5951..5990)], trnG-UCC [9821..9843], trnG-UCC [10561..10600], atpF [complement(12553..12963)], atpF [complement(13699..13842)], rpoC1 [complement(21847..23454)], rpoC1 [complement(24229..24660)], ycf3 [complement(44418..44572)], ycf3 [complement(45333..45558)], ycf3 [complement(46289..46414)], trnL-UAA [49018..49052], trnL-UAA [49566..49615], trnV-UAC [complement(53456..53491)], trnV-UAC [complement(54054..54092)], rps12 [complement(73137..73250)], rps12 [142549..142780], rps12 [143317..143342], petB [76901..76906], petB [77721..78362], petD [78556..78563], petD [79351..79825], rpl16 [complement(83354..83752)], rpl16 [complement(84820..84828)], rpl2 [complement(86570..87003)], rpl2 [complement(87666..88056)], ndhB [complement(96936..97691)], ndhB [complement(98371..99147)], trnI-GAU [104771..104807], trnI-GAU [105755..105789], trnA-UGC [105854..105891], trnA-UGC [106701..106735], ndhA [complement(121272..121812)], ndhA [complement(122907..123457)],	trnK-UUU [complement(1723..4238)], rps16 [complement(5092..5950)], trnG-UCC [9844..10560], atpF [complement(12964..13698)], rpoC1 [complement(23455..24228)], ycf3 [complement(44573..45332)], ycf3 [complement(45559..46288)], trnL-UAA [49053..49565], trnV-UAC [complement(53492..54053)], petB [76907..77720], petD [78564..79350], rpl16 [complement(83753..84819)], rpl2 [complement(87004..87665)], ndhB [complement(97692..98370)], trnI-GAU [104808..105754], trnA-UGC [105892..106700], ndhA [complement(121813..122906)], trnA-UGC [complement(136655..137463)], trnI-GAU [complement(137601..138547)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(136620..136654)], trnA-UGC [complement(137464..137501)], trnI-GAU [complement(137566..137600)], trnI-GAU [complement(138548..138584)], ndhB [144208..144984], ndhB [145664..146419]	[144985..145663]
2133.	LOJA	70	trnK [complement(1780..1814)], trnK [complement(4442..4478)], trnV [9658..9695], trnV [10295..10329], trnL [complement(13267..13316)], trnL [complement(13887..13921)], ycf3 [16399..16524], ycf3 [17245..17472], ycf3 [18168..18320], rpoC1 [37623..38054], rpoC1 [38812..40428], atpF [47983..48127], atpF [48882..49291], trnG [complement(51449..51497)], trnG [complement(52207..52229)], rps16 [55046..55085], rps16 [55977..56179], rps12 [complement(67283..67396)], rps12 [136032..136263], rps12 [136794..136819], clpP [complement(67560..67787)], clpP [complement(68428..68719)], clpP [complement(69519..69589)], petB [72516..72521], petB [73346..73987], petD [74193..74200], petD [74929..75403], rpl16 [complement(79078..79476)], rpl16 [complement(80556..80564)], rpl2 [complement(81997..82431)], rpl2 [complement(83118..83507)], ndhB [complement(92572..93327)], ndhB [complement(94014..94790)], trnI [100024..100060], trnI [100782..100816], trnA [100880..100917], trnA [101724..101758], ndhA [complement(116193..116731)], ndhA [complement(118006..118558)], trnA [complement(130698..130732)], trnA [complement(131539..131576)], trnI [complement(131640..131674)], trnI [complement(132396..132432)], ndhB [137666..138442], ndhB [139129..139884], rpl2 [148949..149338], rpl2 [150025..150459]	trnK [complement(1815..4441)], trnV [9696..10294], trnL [complement(13317..13886)], ycf3 [16525..17244], ycf3 [17473..18167], rpoC1 [38055..38811], atpF [48128..48881], trnG [complement(51498..52206)], rps16 [55086..55976], clpP [complement(67788..68427)], clpP [complement(68720..69518)], petB [72522..73345], petD [74201..74928], rpl16 [complement(79477..80555)], rpl2 [complement(82432..83117)], ndhB [complement(93328..94013)], trnI [100061..100781], trnA [100918..101723], ndhA [complement(116732..118005)], trnA [complement(130733..131538)], trnI [complement(131675..132395)], ndhB [138443..139128], rpl2 [149339..150024]
2134.	LOJP	67	rps12 [complement(100551..100576)], rps12 [complement(101113..101344)], rps12 [complement(73817..73930)], trnK-UUU [complement(1698..1732)], trnK-UUU [complement(4268..4304)], rps16 [complement(4886..5115)], rps16 [complement(5985..6024)], trnG-GCC [9841..9863], trnG-GCC [10581..10627], atpF [complement(12569..12979)], atpF [complement(13716..13859)], rpoC1 [complement(21829..23447)], rpoC1 [complement(24225..24654)], ycf3 [complement(44454..44608)], ycf3 [complement(45369..45594)], ycf3 [complement(46326..46451)], trnL-UAA	trnK-UUU [complement(1733..4267)], rps16 [complement(5116..5984)], trnG-GCC [9864..10580], atpF [complement(12980..13715)], rpoC1 [complement(23448..24224)], ycf3 [complement(44609..45368)], ycf3 [complement(45595..46325)], trnL-UAA [49080..49592], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49044..49079], trnL-UAA [49593..49641], trnV-UAC [complement(53476..53511)], trnV-UAC [complement(54077..54116)], rps18 [71742..71780], rps18 [71844..72045], rps18 [72353..72399], rps12 [complement(73817..73930)], rps12 [142587..142818], rps12 [143355..143386], rpl2 [complement(87196..87630)], rpl2 [complement(88304..88684)], ycf2 [89377..95481], ycf2 [95731..96228], ndhB [complement(97474..98229)], ndhB [complement(98909..99685)], trnI-GAU [105324..105360], trnI-GAU [106308..106342], trnA-UGC [106407..106444], trnA-UGC [107254..107288], ndhA [complement(121481..122019)], ndhA [complement(123113..123665)], trnA-UGC [complement(136649..136683)], trnA-UGC [complement(137493..137530)], trnI-GAU [complement(137595..137629)], trnI-GAU [complement(138577..138613)], ndhB [144252..145028], ndhB [145708..146463], ycf2 [complement(147709..148206)], ycf2 [complement(148456..154560)]	[complement(53512..54076)], rps18 [71781..71843], rps18 [72046..72352], rpl2 [complement(87631..88303)], ycf2 [95482..95730], ndhB [complement(98230..98908)], trnI-GAU [105361..106307], trnA-UGC [106445..107253], ndhA [complement(122020..123112)], trnA-UGC [complement(136684..137492)], trnI-GAU [complement(137630..138576)], ndhB [145029..145707], ycf2 [complement(148207..148455)]
2135.	LOJS	1	rps12 [152554..152579]	-
2136.	LOKA	1	rps12 [152066..152091]	-
2137.	LOKE	64	rps12 [complement(90293..90321)], rps12 [complement(90862..91093)], rps12 [complement(67301..67414)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3891..3928)], rps16 [complement(4536..4753)], rps16 [complement(5473..5512)], trnG-UCC [complement(12899..12946)], trnG-UCC [complement(13633..13655)], atpF [33382..33540], atpF [34353..34760], ycf3 [complement(42600..42764)], ycf3 [complement(43496..43723)], ycf3 [complement(44464..44589)], trnL-UAA [47354..47388], trnL-UAA [47879..47931], trnV-UAC [complement(51509..51555)], trnV-UAC [complement(52149..52187)], rps12 [127617..127848], rps12 [128389..128417], petB [71130..71135], petB [71900..72547], petD [72730..72737], petD [73474..73948], rpl16 [complement(77506..77907)], rpl16 [complement(78948..78956)], rpl2 [complement(80909..81340)], rpl2 [complement(82001..82393)], ndhB [complement(87220..87976)], ndhB [complement(88689..89464)], trnI-GAU [94917..94958], trnI-GAU [95904..95938], trnA-UGC [96004..96041], trnA-UGC [96852..96886], ndhA [complement(112341..112880)], ndhA [complement(113927..114475)], trnA-	trnK-UUU [complement(1410..3890)], rps16 [complement(4754..5472)], trnG-UCC [complement(12947..13632)], atpF [33541..34352], ycf3 [complement(42765..43495)], ycf3 [complement(43724..44463)], trnL-UAA [47389..47878], trnV-UAC [complement(51556..52148)], petB [71136..71899], petD [72738..73473], rpl16 [complement(77908..78947)], rpl2 [complement(81341..82000)], ndhB [complement(87977..88688)], trnI-GAU [94959..95903], trnA-UGC [96042..96851], ndhA [complement(112881..113926)], trnA-UGC [complement(121859..122668)], trnI-GAU [complement(122807..123751)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(121824..121858)], trnA-UGC [complement(122669..122706)], trnI-GAU [complement(122772..122806)], trnI-GAU [complement(123752..123793)], ndhB [129246..130022], ndhB [130735..131490], rpl2 [136317..136709], rpl2 [137370..137801]	[130023..130734], rpl2 [136710..137369]
2138.	LOLA	1	rps12 [154367..154392]	-
2139.	LOLI	43	rps12 [complement(96144..96169)], rps12 [complement(96707..96938)], rps12 [complement(67658..67771)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4297..4333)], trnG [7936..7958], trnG [8685..8733], trnL-UAA [45616..45650], trnL-UAA [45963..46012], trnV-UAC [complement(49402..49436)], trnV-UAC [complement(50047..50085)], rps12 [137919..138150], rps12 [138688..138713], trnI-GAU [100733..100769], trnI- GAU [101717..101751], trnA-UGC [101816..101853], trnA-UGC [102654..102688], trnA-UGC [complement(132169..132203)], trnA-UGC [complement(133004..133041)], trnI-GAU [complement(133106..133140)], trnI-GAU [complement(134088..134124)]	trnK-UUU [complement(1731..4296)], trnG [7959..8684], atpF [complement(11044..11778)], rpoC1 [complement(21016..21793)], ycf3 [complement(41209..42041)], ycf3 [complement(42270..42981)], trnL-UAA [45651..45962], trnV-UAC [complement(49437..50046)], clpP [complement(68189..68777)], clpP [complement(69070..69990)], petB [73031..73824], petD [74669..75369], rpl16 [complement(79758..80772)], rpl2 [complement(82910..83586)], ndhB [complement(93848..94532)], trnI-GAU [100770..101716], trnA-UGC [101854..102653], ndhA [complement(118467..119544)], trnA-UGC [complement(132204..133003)], trnI-GAU [complement(133141..134087)], ndhB [140325..141009], rpl2 [151271..151947]
2140.	LOLN	1	rps12 [complement(68324..68437)]	-
2141.	LOLO	1	rps12 [150969..150997]	-
2142.	LOLU	1	rps12 [150906..150931]	-
2143.	LOLX	2	rps12 [153873..153898], ndhA [complement(130904..131442)]	-
2144.	LOMA	69	rps12 [complement(96231..96256)], rps12 [complement(96794..97025)], rps12 [complement(67697..67810)], trnK [complement(1694..1728)], trnK [complement(4292..4328)], trnG [7945..7967], trnG [8694..8742], atpF	trnK [complement(1729..4291)], trnG [7968..8693], atpF [complement(11068..11801)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(10658..11067)], atpF [complement(11802..11946)], rpoC1 [complement(19440..21050)], rpoC1 [complement(21831..22262)], ycf3 [complement(41089..41241)], ycf3 [complement(42078..42305)], ycf3 [complement(43018..43143)], trnL [45650..45684], trnL [45997..46046], trnV [complement(49423..49457)], trnV [complement(50070..50108)], rps12 [138034..138265], rps12 [138803..138828], clpP [complement(67997..68224)], clpP [complement(68814..69105)], clpP [complement(70028..70098)], petB [73062..73067], petB [73861..74502], petD [74697..74704], petD [75406..75880], rpl16 [complement(79447..79845)], rpl16 [complement(80858..80866)], rpl2 [complement(82560..82994)], rpl2 [complement(83672..84061)], ndhB [complement(93165..93926)], ndhB [complement(94618..95340)], trnI [100836..100872], trnI [101820..101854], trnA [101919..101956], trnA [102757..102791], ndhA [complement(118024..118553)], ndhA [complement(119634..120186)], trnA [complement(132268..132302)], trnA [complement(133103..133140)], trnI [complement(133205..133239)], trnI [complement(134187..134223)], ndhB [139719..140441], ndhB [141133..141894], rpl2 [150998..151387], rpl2 [152065..152499]	[complement(21051..21830)], ycf3 [complement(41242..42077)], ycf3 [complement(42306..43017)], trnL [45685..45996], trnV [complement(49458..50069)], clpP [complement(68225..68813)], clpP [complement(69106..70027)], petB [73068..73860], petD [74705..75405], rpl16 [complement(79846..80857)], rpl2 [complement(82995..83671)], ndhB [complement(93927..94617)], trnI [100873..101819], trnA [101957..102756], ndhA [complement(118554..119633)], trnA [complement(132303..133102)], trnI [complement(133240..134186)], ndhB [140442..141132], rpl2 [151388..152064]
2145.	LOM C	65	rps12 [complement(100964..100990)], rps12 [complement(101524..101757)], rps12 [complement(74093..74206)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4253..4289)], rps16 [complement(4863..5092)], rps16 [complement(5952..5991)], trnG-UCC [9825..9847], trnG-UCC [10565..10611], atpF [complement(12557..12967)], atpF [complement(13702..13845)], rpoC1 [complement(21850..23457)], rpoC1 [complement(24231..24662)], ycf3 [complement(44451..44605)], ycf3 [complement(45365..45590)], ycf3 [complement(46322..46447)], trnL-UAA [49048..49082], trnL-UAA [49596..49645], trnV-UAC [complement(53493..53528)], trnV-UAC [complement(54096..54134)], rps12 [complement(74093..74206)], rps12 [142764..142995], rps12 [143532..143557], petB [77874..77879], petB [78674..79315], petD [79509..79516], petD [80302..80776], rpl16 [complement(84313..84711)], rpl16 [complement(85791..85799)], rpl2 [complement(87541..87974)], rpl2	trnK-UUU [complement(1737..4252)], rps16 [complement(5093..5951)], trnG-UCC [9848..10564], atpF [complement(12968..13701)], rpoC1 [complement(23458..24230)], ycf3 [complement(44606..45364)], ycf3 [complement(45591..46321)], trnL-UAA [49083..49595], trnV-UAC [complement(53529..54095)], petB [77880..78673], petD [79517..80301], rpl16 [complement(84712..85790)], rpl2 [complement(87975..88637)], ndhB [complement(98643..99321)], trnI-GAU [105763..106709], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88638..89028)], ndhB [complement(97887..98642)], ndhB [complement(99322..100098)], trnI-GAU [105726..105762], trnI-GAU [106710..106744], trnA-UGC [106809..106846], trnA-UGC [107656..107690], ndhA [complement(121810..122349)], ndhA [complement(123444..123995)], trnA-UGC [complement(136831..136865)], trnA-UGC [complement(137675..137712)], trnI-GAU [complement(137777..137811)], trnI-GAU [complement(138759..138795)], ndhB [144423..145199], ndhB [145879..146634]	[106847..107655], ndhA [complement(122350..123443)], trnA-UGC [complement(136866..137674)], trnI-GAU [complement(137812..138758)], ndhB [145200..145878]
2146.	LOME	1	rps12 [152363..152388]	-
2147.	LOMI	1	rps12 [151346..151371]	-
2148.	LOML	73	rps12 [complement(100922..100947)], rps12 [complement(101489..101717)], rps12 [complement(72082..72195)], trnK-UUU [complement(1416..1450)], trnK-UUU [complement(4087..4123)], rps16 [complement(4798..5015)], rps16 [complement(5867..5906)], trnG-UCC [9437..9459], trnG-UCC [10159..10195], atpF [complement(12166..12576)], atpF [complement(13388..13534)], rpoC1 [complement(21400..23020)], rpoC1 [complement(23767..24194)], ycf3 [complement(43262..43422)], ycf3 [complement(44157..44384)], ycf3 [complement(45101..45224)], trnL-UAA [48205..48239], trnL-UAA [48752..48801], trnV-UAC [complement(53490..53526)], trnV-UAC [complement(54119..54157)], rps12 [complement(72082..72195)], rps12 [143855..144083], rps12 [144625..144650], clpP [complement(72332..72583)], clpP [complement(73239..73530)], clpP [complement(74345..74415)], petB [77339..77344], petB [78131..78778], petD [78992..78999], petD [79732..80245], rpl16 [complement(83733..84131)], rpl16 [complement(85243..85251)], rpl2 [complement(87203..87634)], rpl2 [complement(88294..88686)], ndhB [complement(97849..98604)], ndhB [complement(99308..100084)], trnI-GAU [105752..105793], trnI-GAU [106731..106765], trnA-UGC [106830..106867], trnA-UGC [107674..107708], ndhA [complement(123340..123878)], ndhA [complement(124927..125479)], trnA-UGC [complement(137864..137898)], trnA-UGC [complement(138705..138742)], trnI-GAU [complement(138807..138841)],	trnK-UUU [complement(1451..4086)], rps16 [complement(5016..5866)], trnG-UCC [9460..10158], atpF [complement(12577..13387)], rpoC1 [complement(23021..23766)], ycf3 [complement(43423..44156)], ycf3 [complement(44385..45100)], trnL-UAA [48240..48751], trnV-UAC [complement(53527..54118)], clpP [complement(72584..73238)], clpP [complement(73531..74344)], petB [77345..78130], petD [79000..79731], rpl16 [complement(84132..85242)], rpl2 [complement(87635..88293)], ndhB [complement(98605..99307)], trnI-GAU [105794..106730], trnA-UGC [106868..107673], ndhA [complement(123879..124926)], trnA-UGC [complement(137899..138704)], trnI-GAU [complement(138842..139778)], ndhB [146265..146967], rpl2 [157276..157937]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139779..139820)], ndhB [145488..146264], ndhB [146968..147723], rpl2 [156886..157275], rpl2 [157938..158369]	
2149.	LOM O	2	rps12 [149994..150019]	trnI-GAU [99423..100366]
2150.	LOM R	67	rps12 [complement(100385..100410)], rps12 [complement(100947..101178)], rps12 [complement(73626..73739)], trnK-UUU [complement(1705..1739)], trnK-UUU [complement(4277..4313)], rps16 [complement(4897..5126)], rps16 [complement(5990..6029)], trnG-GCC [9840..9862], trnG-GCC [10580..10626], atpF [complement(12570..12980)], atpF [complement(13722..13865)], rpoC1 [complement(21855..23464)], rpoC1 [complement(24248..24677)], ycf3 [complement(44361..44515)], ycf3 [complement(45282..45507)], ycf3 [complement(46241..46366)], trnL-UAA [48956..48991], trnL-UAA [49505..49553], trnV-UAC [complement(53399..53434)], trnV-UAC [complement(54000..54039)], rps18 [71556..71594], rps18 [71658..71859], rps18 [72168..72214], rps12 [complement(73626..73739)], rps12 [142406..142637], rps12 [143174..143205], rpl2 [complement(87031..87465)], rpl2 [complement(88138..88518)], ycf2 [89211..95315], ycf2 [95565..96062], ndhB [complement(97308..98063)], ndhB [complement(98743..99519)], trnI-GAU [105159..105195], trnI-GAU [106143..106177], trnA-UGC [106242..106279], trnA-UGC [107089..107123], ndhA [complement(121332..121870)], ndhA [complement(122964..123516)], trnA-UGC [complement(136467..136501)], trnA-UGC [complement(137311..137348)], trnI-GAU [complement(137413..137447)], trnI-GAU [complement(138395..138431)], ndhB [144071..144847], ndhB [145527..146282], ycf2 [complement(147528..148025)], ycf2 [complement(148275..154379)]	trnK-UUU [complement(1740..4276)], rps16 [complement(5127..5989)], trnG-GCC [9863..10579], atpF [complement(12981..13721)], rpoC1 [complement(23465..24247)], ycf3 [complement(44516..45281)], ycf3 [complement(45508..46240)], trnL-UAA [48992..49504], trnV-UAC [complement(53435..53999)], rps18 [71595..71657], rps18 [71860..72167], rpl2 [complement(87466..88137)], ycf2 [95316..95564], ndhB [complement(98064..98742)], trnI-GAU [105196..106142], trnA-UGC [106280..107088], ndhA [complement(121871..122963)], trnA-UGC [complement(136502..137310)], trnI-GAU [complement(137448..138394)], ndhB [144848..145526], ycf2 [complement(148026..148274)]
2151.	LOMS	1	rps12 [151633..151658]	-
2152.	LOM U	19	-	trnK-UUU [complement(1408..3937)], rps16 [complement(4774..5612)], atpF [32533..33349], ycf3 [complement(41690..42406)], ycf3 [complement(42635..43386)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[46321..46870], trnV-UAC [complement(50524..51126)], petB [70800..71546], petD [72388..73064], rpl16 [complement(77536..78396)], rpl2 [complement(80862..81524)], ndhB [complement(86283..86997)], trnI-GAU [93172..93973], trnA-UGC [94112..94922], ndhA [complement(111181..112195)], trnA-UGC [complement(120102..120912)], trnI-GAU [complement(121051..121852)], ndhB [128027..128741], rpl2 [133500..134162]
2153.	LOM W	1	rps12 [complement(65760..65873)]	-
2154.	LONA	73	rps12 [complement(100937..100962)], rps12 [complement(101499..101730)], rps12 [complement(72796..72909)], trnK-UUU [complement(1697..1731)], trnK-UUU [complement(4242..4278)], rps16 [complement(5128..5352)], rps16 [complement(6254..6292)], trnG-UCC [9809..9831], trnG-UCC [10509..10556], atpF [complement(12484..12891)], atpF [complement(13603..13761)], rpoC1 [complement(21706..23325)], rpoC1 [complement(24099..24533)], ycf3 [complement(44493..44645)], ycf3 [complement(45405..45632)], ycf3 [complement(46370..46495)], trnL-UAA [49688..49722], trnL-UAA [50253..50302], trnV-UAC [complement(54235..54271)], trnV-UAC [complement(54853..54891)], rps12 [complement(72796..72909)], rps12 [144366..144597], rps12 [145134..145159], clpP [complement(73059..73286)], clpP [complement(73957..74247)], clpP [complement(75059..75127)], petB [78000..78005], petB [78780..79421], petD [79636..79643], petD [80393..80867], rpl16 [complement(84328..84729)], rpl16 [complement(85810..85818)], rpl2 [complement(87519..87953)], rpl2 [complement(88616..89008)], ndhB [complement(97889..98644)], ndhB [complement(99324..100100)], trnI-GAU [105669..105710], trnI-GAU [106655..106689], trnA-UGC [106754..106791], trnA-UGC [107604..107638],	trnK-UUU [complement(1732..4241)], rps16 [complement(5353..6253)], trnG-UCC [9832..10508], atpF [complement(12892..13602)], rpoC1 [complement(23326..24098)], ycf3 [complement(44646..45404)], ycf3 [complement(45633..46369)], trnL-UAA [49723..50252], trnV-UAC [complement(54272..54852)], clpP [complement(73287..73956)], clpP [complement(74248..75058)], petB [78006..78779], petD [79644..80392], rpl16 [complement(84730..85809)], rpl2 [complement(87954..88615)], ndhB [complement(98645..99323)], trnI-GAU [105711..106654], trnA-UGC [106792..107603], ndhA [complement(124256..125418)], trnA-UGC [complement(138493..139304)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(123716..124255)], ndhA [complement(125419..125970)], trnA-UGC [complement(138458..138492)], trnA-UGC [complement(139305..139342)], trnI-GAU [complement(139407..139441)], trnI-GAU [complement(140386..140427)], ndhB [145996..146772], ndhB [147452..148207], rpl2 [157088..157477], rpl2 [158143..158577]	[complement(139442..140385)], ndhB [146773..147451], rpl2 [157478..158142]
2155.	LONE	67	rps12 [complement(100429..100454)], rps12 [complement(100991..101222)], rps12 [complement(73638..73751)], trnK-UUU [complement(1705..1739)], trnK-UUU [complement(4275..4311)], rps16 [complement(4896..5125)], rps16 [complement(5992..6031)], trnG-GCC [9856..9878], trnG-GCC [10596..10642], atpF [complement(12584..12994)], atpF [complement(13721..13864)], rpoC1 [complement(21870..23479)], rpoC1 [complement(24252..24681)], ycf3 [complement(44463..44617)], ycf3 [complement(45377..45602)], ycf3 [complement(46334..46459)], trnL-UAA [49055..49090], trnL-UAA [49604..49652], trnV-UAC [complement(53463..53498)], trnV-UAC [complement(54065..54104)], rps18 [71552..71590], rps18 [71654..71855], rps18 [72161..72207], rps12 [complement(73638..73751)], rps12 [142363..142594], rps12 [143131..143162], rpl2 [complement(87062..87496)], rpl2 [complement(88169..88549)], ycf2 [89261..95356], ycf2 [95609..96106], ndhB [complement(97352..98107)], ndhB [complement(98787..99563)], trnI-GAU [105182..105218], trnI-GAU [106166..106200], trnA-UGC [106265..106302], trnA-UGC [107112..107146], ndhA [complement(121419..121957)], ndhA [complement(123034..123586)], trnA-UGC [complement(136445..136479)], trnA-UGC [complement(137289..137326)], trnI-GAU [complement(137391..137425)], trnI-GAU [complement(138373..138409)], ndhB [144028..144804], ndhB [145484..146239], ycf2 [complement(147485..147982)], ycf2 [complement(148235..154330)]	trnK-UUU [complement(1740..4274)], rps16 [complement(5126..5991)], trnG-GCC [9879..10595], atpF [complement(12995..13720)], rpoC1 [complement(23480..24251)], ycf3 [complement(44618..45376)], ycf3 [complement(45603..46333)], trnL-UAA [49091..49603], trnV-UAC [complement(53499..54064)], rps18 [71591..71653], rps18 [71856..72160], rpl2 [complement(87497..88168)], ycf2 [95357..95608], ndhB [complement(98108..98786)], trnI-GAU [105219..106165], trnA-UGC [106303..107111], ndhA [complement(121958..123033)], trnA-UGC [complement(136480..137288)], trnI-GAU [complement(137426..138372)], ndhB [144805..145483], ycf2 [complement(147983..148234)]
2156.	LONI	3	trnK-UUU [complement(10771..10807)], rps12 [151072..151097]	trnK-UUU [complement(7915..10770)]
2157.	LONT	72	rps12 [complement(98805..98830)], rps12 [complement(99367..99598)], rps12 [complement(70875..70988)], trnK-UUU [complement(1676..1710)], trnK-UUU [complement(4208..4244)], rps16 [complement(5109..5333)], rps16 [complement(6252..6290)], trnG-UCC [9526..9548], trnG-UCC	trnK-UUU [complement(1711..4207)], rps16 [complement(5334..6251)], trnG-UCC [9549..10231], atpF [complement(12603..13304)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10232..10279], atpF [complement(12195..12602)], atpF [complement(13305..13463)], rpoC1 [complement(21498..23117)], rpoC1 [complement(23891..24325)], ycf3 [complement(43845..43997)], ycf3 [complement(44738..44965)], ycf3 [complement(45677..45802)], trnL-UAA [48837..48871], trnL-UAA [49395..49444], trnV-UAC [complement(52780..52816)], trnV-UAC [complement(53398..53436)], rps12 [141500..141731], rps12 [142268..142293], clpP [complement(71131..71358)], clpP [complement(72015..72305)], clpP [complement(73083..73151)], petB [76031..76036], petB [76783..77424], petD [77619..77626], petD [78386..78860], rpl16 [complement(82328..82729)], rpl16 [complement(83764..83772)], rpl2 [complement(85460..85894)], rpl2 [complement(86557..86949)], ndhB [complement(95763..96518)], ndhB [complement(97198..97974)], trnI-GAU [103508..103549], trnI-GAU [104491..104525], trnA-UGC [104590..104627], trnA-UGC [105440..105474], ndhA [complement(121225..121764)], ndhA [complement(122890..123441)], trnA-UGC [complement(135624..135658)], trnA-UGC [complement(136471..136508)], trnI-GAU [complement(136573..136607)], trnI-GAU [complement(137549..137590)], ndhB [143124..143900], ndhB [144580..145335], rpl2 [154149..154538], rpl2 [155204..155638]	[complement(23118..23890)], ycf3 [complement(43998..44737)], ycf3 [complement(44966..45676)], trnL-UAA [48872..49394], trnV-UAC [complement(52817..53397)], clpP [complement(71359..72014)], clpP [complement(72306..73082)], petB [76037..76782], petD [77627..78385], rpl16 [complement(82730..83763)], rpl2 [complement(85895..86556)], ndhB [complement(96519..97197)], trnI-GAU [103550..104490], trnA-UGC [104628..105439], ndhA [complement(121765..122889)], trnA-UGC [complement(135659..136470)], trnI-GAU [complement(136608..137548)], ndhB [143901..144579], rpl2 [154539..155203]
2158.	LOOR	1	rps12 [150888..150913]	-
2159.	LOPA	1	rps12 [complement(66633..66746)]	-
2160.	LOPE	5	rps12 [126504..126532], petD [73172..73646], ndhA [complement(112278..112827)]	trnV-UAC [complement(50606..51208)], ndhA [complement(111263..112277)]
2161.	LOPH	4	rps12 [complement(98888..98913)]	petB [76000..76756], ndhA [120233..121252], ndhA [complement(134361..135380)]
2162.	LOPO	1	rps12 [154247..154272]	-
2163.	LOPR	65	rps12 [complement(100265..100289)], rps12 [complement(100826..101058)], rps12 [complement(73406..73519)], trnK-UUU [complement(1637..1671)], trnK-UUU [complement(4201..4237)], rps16 [complement(4822..5051)], rps16 [complement(5918..5957)], trnG-UCC [9798..9820], trnG-UCC [10538..10584], atpF [complement(12531..12941)], atpF	trnK-UUU [complement(1672..4200)], rps16 [complement(5052..5917)], trnG-UCC [9821..10537], atpF [complement(12942..13675)], rpoC1 [complement(23437..24202)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13676..13819)], rpoC1 [complement(21829..23436)], rpoC1 [complement(24203..24634)], ycf3 [complement(44380..44534)], ycf3 [complement(45295..45520)], ycf3 [complement(46253..46378)], trnL-UAA [48986..49020], trnL-UAA [49537..49586], trnV-UAC [complement(53419..53454)], trnV-UAC [complement(54031..54069)], rps12 [complement(73406..73519)], rps12 [142188..142419], rps12 [142956..142981], petB [77171..77176], petB [77970..78611], petD [78805..78812], petD [79595..80069], rpl16 [complement(83598..83996)], rpl16 [complement(84947..84955)], rpl2 [complement(86692..87125)], rpl2 [complement(87789..88179)], ndhB [complement(97188..97943)], ndhB [complement(98623..99399)], trnI-GAU [105019..105055], trnI-GAU [106002..106036], trnA-UGC [106101..106138], trnA-UGC [106948..106982], ndhA [complement(121111..121650)], ndhA [complement(122726..123277)], trnA-UGC [complement(136264..136298)], trnA-UGC [complement(137108..137145)], trnI-GAU [complement(137210..137244)], trnI-GAU [complement(138191..138227)], ndhB [143847..144623], ndhB [145303..146058]	[complement(44535..45294)], ycf3 [complement(45521..46252)], trnL-UAA [49021..49536], trnV-UAC [complement(53455..54030)], petB [77177..77969], petD [78813..79594], rpl16 [complement(83997..84946)], rpl2 [complement(87126..87788)], ndhB [complement(97944..98622)], trnI-GAU [105056..106001], trnA-UGC [106139..106947], ndhA [complement(121651..122725)], trnA-UGC [complement(136299..137107)], trnI-GAU [complement(137245..138190)], ndhB [144624..145302]
2164.	LOPT	1	rps12 [152030..152055]	-
2165.	LOPU	1	rps12 [150669..150694]	-
2166.	LORH	1	rps12 [151376..151401]	-
2167.	LORI	1	rps12 [150551..150576]	-
2168.	LOSA	1	rps12 [150534..150559]	-
2169.	LOSB	45	rps12 [complement(101794..101819)], rps12 [complement(102356..102587)], rps12 [complement(73607..73720)], trnK-UUU [complement(1861..1895)], trnK-UUU [complement(4347..4383)], trnG-GCC [10261..10284], trnG-GCC [10987..11034], trnL-UAA [50571..50607], trnL-UAA [51120..51169], trnV-UAC [complement(55192..55223)], trnV-UAC [complement(55797..55835)], rps12 [complement(73607..73720)], rps12 [144336..144567], rps12 [145104..145129], trnI-GAU [106514..106555], trnI-GAU [107446..107480], trnA-UGC [107506..107543], trnA-UGC [108386..108420], trnA-UGC [complement(138503..138537)], trnA-UGC [complement(139380..139417)], trnI-GAU [complement(139443..139477)], trnI-GAU	trnK-UUU [complement(1896..4346)], rps16 [complement(5498..6350)], trnG-GCC [10285..10986], atpF [complement(13438..14133)], rpoC1 [complement(23987..24736)], ycf3 [complement(46079..46820)], ycf3 [complement(47049..47794)], trnL-UAA [50608..51119], trnV-UAC [complement(55224..55796)], clpP [complement(74091..74736)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(140368..140409)]	[complement(75028..75866)], petB [78813..79593], petD [80450..81139], rpl16 [complement(85479..86491)], rpl2 [complement(88726..89378)], ndhB [complement(99500..100181)], trnI-GAU [106556..107445], trnA-UGC [107544..108385], ndhA [complement(124595..125634)], trnA-UGC [complement(138538..139379)], trnI-GAU [complement(139478..140367)], ndhB [146742..147423], rpl2 [157545..158197]
2170.	LOSC	65	rps12 [complement(100012..100037)], rps12 [complement(100574..100805)], rps12 [complement(73136..73249)], trnK-UUU [complement(1688..1722)], trnK-UUU [complement(4239..4275)], rps16 [complement(4863..5092)], rps16 [complement(5951..5990)], trnG-UCC [9821..9843], trnG-UCC [10561..10607], atpF [complement(12553..12963)], atpF [complement(13699..13842)], rpoC1 [complement(21847..23454)], rpoC1 [complement(24229..24660)], ycf3 [complement(44418..44572)], ycf3 [complement(45333..45558)], ycf3 [complement(46289..46414)], trnL-UAA [49017..49051], trnL-UAA [49565..49614], trnV-UAC [complement(53455..53490)], trnV-UAC [complement(54052..54091)], rps12 [complement(73136..73249)], rps12 [142548..142779], rps12 [143316..143341], petB [76900..76905], petB [77720..78361], petD [78555..78562], petD [79350..79824], rpl16 [complement(83353..83751)], rpl16 [complement(84819..84827)], rpl2 [complement(86569..87002)], rpl2 [complement(87665..88055)], ndhB [complement(96935..97690)], ndhB [complement(98370..99146)], trnI-GAU [104770..104806], trnI-GAU [105754..105788], trnA-UGC [105853..105890], trnA-UGC [106700..106734], ndhA [complement(121271..121811)], ndhA [complement(122906..123456)], trnA-UGC [complement(136619..136653)], trnA-UGC [complement(137463..137500)], trnI-GAU [complement(137565..137599)], trnI-GAU [complement(138547..138583)], ndhB [144207..144983], ndhB	trnK-UUU [complement(1723..4238)], rps16 [complement(5093..5950)], trnG-UCC [9844..10560], atpF [complement(12964..13698)], rpoC1 [complement(23455..24228)], ycf3 [complement(44573..45332)], ycf3 [complement(45559..46288)], trnL-UAA [49052..49564], trnV-UAC [complement(53491..54051)], petB [76906..77719], petD [78563..79349], rpl16 [complement(83752..84818)], rpl2 [complement(87003..87664)], ndhB [complement(97691..98369)], trnI-GAU [104807..105753], trnA-UGC [105891..106699], ndhA [complement(121812..122905)], trnA-UGC [complement(136654..137462)], trnI-GAU [complement(137600..138546)], ndhB [144984..145662]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145663..146418]	
2171.	LOSD	29	ycf3 [complement(2984..3136)], ycf3 [complement(3895..4122)], ycf3 [complement(4890..5015)], trnL-UAA [7852..7888], trnL-UAA [8339..8388], rps12 [complement(28767..28880)], rps12 [83683..83796], rps12 [71329..71571], trnI-GAU [complement(66668..66702)], trnI-GAU [complement(67649..67690)], ndhB [72959..73735], ndhB [74404..74718], trnK-UUU [complement(76486..76520)], trnK-UUU [complement(79027..79063)], rps16 [complement(79407..79601)], rps16 [complement(80483..80530)], trnG-UCC [83944..83966], trnG-UCC [84655..84702], atpF [complement(86608..87027)], atpF [complement(87757..87912)]	ycf3 [complement(3137..3894)], ycf3 [complement(4123..4889)], trnL-UAA [7889..8338], trnI-GAU [complement(66703..67648)], ndhB [73736..74403], trnK-UUU [complement(76521..79026)], rps16 [complement(79602..80482)], trnG-UCC [83967..84654], atpF [complement(87028..87756)]
2172.	LOSE	1	rps12 [152717..152742]	-
2173.	LOSG	1	rps12 [153694..153719]	-
2174.	LOSH	67	rps12 [complement(100592..100617)], rps12 [complement(101154..101385)], rps12 [complement(73833..73946)], trnK-UUU [complement(1712..1746)], trnK-UUU [complement(4276..4312)], rps16 [complement(4891..5120)], rps16 [complement(5979..6018)], trnG-GCC [9834..9856], trnG-GCC [10574..10620], atpF [complement(12567..12977)], atpF [complement(13713..13856)], rpoC1 [complement(22027..23636)], rpoC1 [complement(24403..24832)], ycf3 [complement(44686..44840)], ycf3 [complement(45601..45826)], ycf3 [complement(46559..46684)], trnL-UAA [49291..49326], trnL-UAA [49816..49864], trnV-UAC [complement(53766..53801)], trnV-UAC [complement(54376..54415)], rps18 [71760..71798], rps18 [71862..72063], rps18 [72371..72417], rps12 [complement(73833..73946)], rps12 [142580..142811], rps12 [143348..143379], rpl2 [complement(87247..87681)], rpl2 [complement(88354..88734)], ycf2 [89436..95522], ycf2 [95772..96269], ndhB [complement(97515..98270)], ndhB [complement(98950..99726)], trnI-GAU [105358..105394], trnI-GAU [106341..106375], trnA-UGC [106440..106477], trnA-UGC [107287..107321], ndhA [complement(121513..122051)], ndhA [complement(123124..123676)], trnA-UGC [complement(136650..136684)], trnA-UGC [complement(137494..137531)], trnI-GAU	trnK-UUU [complement(1747..4275)], rps16 [complement(5121..5978)], trnG-GCC [9857..10573], atpF [complement(12978..13712)], rpoC1 [complement(23637..24402)], ycf3 [complement(44841..45600)], ycf3 [complement(45827..46558)], trnL-UAA [49327..49815], trnV-UAC [complement(53802..54375)], rps18 [71799..71861], rps18 [72064..72370], rpl2 [complement(87682..88353)], ycf2 [95523..95771], ndhB [complement(98271..98949)], trnI-GAU [105395..106340], trnA-UGC [106478..107286], ndhA [complement(122052..123123)], trnA-UGC [complement(136685..137493)], trnI-GAU [complement(137631..138576)], ndhB [145022..145700], ycf2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137596..137630)], trnI-GAU [complement(138577..138613)], ndhB [144245..145021], ndhB [145701..146456], ycf2 [complement(147702..148199)], ycf2 [complement(148449..154535)]	[complement(148200..148448)]
2175.	LOSI	62	trnK-UUU [complement(1376..1408)], trnK-UUU [complement(3868..3905)], rps16 [complement(4514..4731)], rps16 [complement(5465..5504)], trnG-UCC [complement(12902..12949)], trnG-UCC [complement(13636..13658)], petD [complement(19568..20042)], petD [complement(20789..20796)], petB [complement(20979..21626)], petB [complement(22399..22404)], rps12 [26115..26228], rps12 [complement(91113..91344)], rps12 [complement(90544..90572)], trnV-UAC [41601..41639], trnV-UAC [42236..42272], trnL-UAA [complement(45875..45927)], trnL-UAA [complement(46483..46517)], ycf3 [49270..49401], ycf3 [50078..50305], ycf3 [51042..51206], atpF [complement(59032..59439)], atpF [complement(60253..60411)], rpl16 [complement(77833..78234)], rpl16 [complement(79184..79192)], rpl2 [complement(81160..81591)], rpl2 [complement(82255..82644)], ndhB [complement(87471..88226)], ndhB [complement(88939..89715)], trnI-GAU [95173..95214], trnI-GAU [96162..96196], trnA-UGC [96262..96299], trnA-UGC [97110..97144], ndhA [complement(112603..113142)], ndhA [complement(114183..114731)], trnA-UGC [complement(122040..122074)], trnA-UGC [complement(122885..122922)], trnI-GAU [complement(122988..123022)], trnI-GAU [complement(123970..124011)], ndhB [129469..130245], ndhB [130958..131713], rpl2 [136540..136929], rpl2 [137593..138024]	trnK-UUU [complement(1409..3867)], rps16 [complement(4732..5464)], trnG-UCC [complement(12950..13635)], petD [complement(20043..20788)], petB [complement(21627..22398)], trnV-UAC [41640..42235], trnL-UAA [complement(45928..46482)], ycf3 [49402..50077], ycf3 [50306..51041], atpF [complement(59440..60252)], rpl16 [complement(78235..79183)], rpl2 [complement(81592..82254)], ndhB [complement(88227..88938)], trnI-GAU [95215..96161], trnA-UGC [96300..97109], ndhA [complement(113143..114182)], trnA-UGC [complement(122075..122884)], trnI-GAU [complement(123023..123969)], ndhB [130246..130957], rpl2 [136930..137592]
2176.	LOSO	1	rps12 [154191..154216]	-
2177.	LOSP	2	rps12 [152264..152289]	trnG-UCC [complement(20302..20989)]
2178.	LOST	1	rps12 [150876..150901]	-
2179.	LOSU	1	rps12 [151842..151867]	-
2180.	LOTA	4	trnV-UAC [complement(7135..7172)], trnV-UAC [complement(7750..7784)], rps12 [151003..151028]	trnV-UAC [complement(7173..7749)]
2181.	LOTE	1	rps12 [151436..151461]	-
2182.	LOTG	67	rps12 [complement(101016..101041)], rps12 [complement(101578..101809)], rps12 [complement(74217..74330)], trnK-UUU [complement(1678..1712)],	trnK-UUU [complement(1713..4242)], rps16 [complement(5094..5989)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4243..4279)], rps16 [complement(4864..5093)], rps16 [complement(5990..6029)], trnG-GCC [9867..9889], trnG-GCC [10601..10647], atpF [complement(12603..13013)], atpF [complement(13749..13892)], rpoC1 [complement(22066..23669)], rpoC1 [complement(24444..24873)], ycf3 [complement(44720..44874)], ycf3 [complement(45629..45854)], ycf3 [complement(46584..46709)], trnL-UAA [49327..49362], trnL-UAA [49876..49924], trnV-UAC [complement(53801..53836)], trnV-UAC [complement(54410..54449)], rps18 [72147..72185], rps18 [72249..72450], rps18 [72759..72805], rps12 [complement(74217..74330)], rps12 [143030..143261], rps12 [143798..143829], rpl2 [complement(87637..88071)], rpl2 [complement(88745..89125)], ycf2 [89818..95934], ycf2 [96196..96693], ndhB [complement(97939..98694)], ndhB [complement(99374..100150)], trnI-GAU [105792..105828], trnI-GAU [106777..106811], trnA-UGC [106876..106913], trnA-UGC [107723..107757], ndhA [complement(121953..122491)], ndhA [complement(123590..124142)], trnA-UGC [complement(137088..137122)], trnA-UGC [complement(137932..137969)], trnI-GAU [complement(138034..138068)], trnI-GAU [complement(139017..139053)], ndhB [144695..145471], ndhB [146151..146906], ycf2 [complement(148152..148649)], ycf2 [complement(148911..155027)]	[9890..10600], atpF [complement(13014..13748)], rpoC1 [complement(23670..24443)], ycf3 [complement(44875..45628)], ycf3 [complement(45855..46583)], trnL-UAA [49363..49875], trnV-UAC [complement(53837..54409)], rps18 [72186..72248], rps18 [72451..72758], rpl2 [complement(88072..88744)], ycf2 [95935..96195], ndhB [complement(98695..99373)], trnI-GAU [105829..106776], trnA-UGC [106914..107722], ndhA [complement(122492..123589)], trnA-UGC [complement(137123..137931)], trnI-GAU [complement(138069..139016)], ndhB [145472..146150], ycf2 [complement(148650..148910)]
2183.	LOTH	1	rps12 [150638..150663]	-
2184.	LOTN	53	rps12 [complement(98855..98880)], rps12 [complement(99417..99648)], rps12 [complement(71158..71271)], trnK-UUU [complement(1895..1929)], trnK-UUU [complement(4692..4728)], rps16 [complement(5223..5448)], rps16 [complement(6407..6447)], trnG-UCC [9283..9305], trnG-UCC [10008..10055], atpF [complement(11950..12359)], atpF [complement(13121..13265)], rpoC1 [complement(20940..22550)], rpoC1 [complement(23384..23815)], ycf3 [complement(43923..44303)], ycf3 [complement(45146..45271)], trnL-UAA [47808..47844], trnL-UAA [48464..48513], trnV-UAC [complement(52624..52658)], trnV-UAC [complement(53272..53310)], clpP [complement(71418..71645)], clpP [complement(72281..72572)], clpP [complement(73516..73586)], petB	trnK-UUU [complement(1930..4691)], rps16 [complement(5449..6406)], trnG-UCC [9306..10007], atpF [complement(12360..13120)], rpoC1 [complement(22551..23383)], ycf3 [complement(44304..45145)], trnL-UAA [47845..48463], trnV-UAC [complement(52659..53271)], clpP [complement(71646..72280)], clpP [complement(72573..73515)], petB [76579..77347], petD [78222..79053], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76573..76578], petB [77348..77989], petD [78214..78221], petD [79054..79528], rpl16 [complement(83059..83457)], rpl16 [complement(84704..84712)], ndhB [complement(95908..96663)], ndhB [complement(97332..98108)], trnI-GAU [103229..103265], trnI-GAU [104203..104237], trnA-UGC [104308..104345], trnA-UGC [105171..105205], ndhA [complement(119890..120428)], ndhA [complement(121523..122075)]	[complement(83458..84703)], ndhB [complement(96664..97331)], trnI-GAU [103266..104202], trnA-UGC [104346..105170], ndhA [complement(120429..121522)]
2185.	LOTR	2	rps12 [complement(68307..68420)]	trnL-UAA [complement(11337..11646)]
2186.	LOUD	1	rps12 [150750..150775]	-
2187.	LOUR	1	rps12 [152404..152429]	-
2188.	LOVE	62	trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4257..4293)], rps16 [complement(4878..5107)], rps16 [complement(5964..6003)], trnG-UCC [9868..9890], trnG-UCC [10601..10647], atpF [complement(12594..13004)], atpF [complement(13739..13882)], rpoC1 [complement(21892..23499)], rpoC1 [complement(24271..24702)], ycf3 [complement(44482..44636)], ycf3 [complement(45397..45622)], ycf3 [complement(46356..46481)], trnL-UAA [49088..49122], trnL-UAA [49636..49685], trnV-UAC [complement(53524..53559)], trnV-UAC [complement(54136..54174)], rps12 [complement(74040..74153)], rps12 [142637..142862], rps12 [143399..143430], petB [77802..77807], petB [78602..79243], petD [79437..79444], petD [80230..80704], rpl16 [complement(84224..84622)], rpl16 [complement(85689..85697)], rpl2 [complement(87434..87867)], rpl2 [complement(88532..88922)], ndhB [complement(97772..98527)], ndhB [complement(99207..99983)], trnI-GAU [105602..105638], trnI-GAU [106586..106620], trnA-UGC [106685..106722], trnA-UGC [107532..107566], ndhA [complement(121726..122266)], ndhA [complement(123363..123913)], trnA-UGC [complement(136713..136747)], trnA-UGC [complement(137557..137594)], trnI-GAU [complement(137659..137693)], trnI-GAU [complement(138641..138677)], ndhB [144296..145072], ndhB [145752..146507]	trnK-UUU [complement(1730..4256)], rps16 [complement(5108..5963)], trnG-UCC [9891..10600], atpF [complement(13005..13738)], rpoC1 [complement(23500..24270)], ycf3 [complement(44637..45396)], ycf3 [complement(45623..46355)], trnL-UAA [49123..49635], trnV-UAC [complement(53560..54135)], petB [77808..78601], petD [79445..80229], rpl16 [complement(84623..85688)], rpl2 [complement(87868..88531)], ndhB [complement(98528..99206)], trnI-GAU [105639..106585], trnA-UGC [106723..107531], ndhA [complement(122267..123362)], trnA-UGC [complement(136748..137556)], trnI-GAU [complement(137694..138640)], ndhB [145073..145751]
2189.	LOW O	1	rps12 [151786..151811]	-
2190.	LOYU	4	trnV-UAC [complement(6876..6913)], trnV-UAC [complement(7491..7525)],	trnV-UAC [complement(6914..7490)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [150965..150990]	
2191.	LUAL	70	rps12 [complement(96551..96793)], rps12 [complement(67482..67595)], trnK-UUU [complement(1705..1739)], trnK-UUU [complement(4367..4403)], trnV-UAC [9690..9728], trnV-UAC [10311..10347], trnL-UAA [complement(13585..13634)], trnL-UAA [complement(14119..14155)], trnG-GCC [16810..16832], trnG-GCC [17520..17568], atpF [complement(19881..20291)], atpF [complement(21013..21177)], rpoC1 [complement(28935..30548)], rpoC1 [complement(31316..31747)], ycf3 [complement(49936..50088)], ycf3 [complement(50837..51064)], ycf3 [complement(51803..51928)], rps16 [54275..54315], rps16 [55072..55246], rps12 [139614..139856], clpP [complement(67788..68015)], clpP [complement(68664..68960)], clpP [complement(69699..69767)], petB [72723..72728], petB [73567..74208], petD [74423..74430], petD [75173..75647], rpl16 [complement(79369..79767)], rpl16 [complement(80916..80924)], rpl2 [complement(82330..82764)], rpl2 [complement(83434..83826)], ndhB [complement(92932..93687)], ndhB [complement(94363..95085)], trnI-GAU [100750..100791], trnI-GAU [101739..101773], trnA-UGC [101833..101870], trnA-UGC [102690..102724], ndhA [complement(119180..119718)], ndhA [complement(120882..121434)], trnA-UGC [complement(133683..133717)], trnA-UGC [complement(134537..134574)], trnI-GAU [complement(134634..134668)], trnI-GAU [complement(135616..135657)], ndhB [141322..142044], ndhB [142720..143475], rpl2 [152581..152973], rpl2 [153643..154077]	trnK-UUU [complement(1740..4366)], trnV-UAC [9729..10310], trnL-UAA [complement(13635..14118)], trnG-GCC [16833..17519], atpF [complement(20292..21012)], rpoC1 [complement(30549..31315)], ycf3 [complement(50089..50836)], ycf3 [complement(51065..51802)], rps16 [54316..55071], clpP [complement(68016..68663)], clpP [complement(68961..69698)], petB [72729..73566], petD [74431..75172], rpl16 [complement(79768..80915)], rpl2 [complement(82765..83433)], ndhB [complement(93688..94362)], trnI-GAU [100792..101738], trnA-UGC [101871..102689], ndhA [complement(119719..120881)], trnA-UGC [complement(133718..134536)], trnI-GAU [complement(134669..135615)], ndhB [142045..142719], rpl2 [152974..153642]
2192.	LUDI	63	rps12 [complement(97042..97069)], rps12 [complement(97743..97852)], rps12 [complement(67987..68121)], trnK-UUU [complement(1389..1414)], trnK-UUU [complement(4150..4186)], rps16 [complement(4858..5054)], rps16 [complement(5958..6003)], trnG-GCC [8209..8231], trnG-GCC [8909..8945], atpF [complement(10903..11322)], atpF [complement(12141..12284)], rpoC1 [complement(19658..21274)], rpoC1 [complement(22010..22444)], ycf3 [complement(40923..41072)], ycf3 [complement(41840..42067)], ycf3 [complement(42766..42891)], trnL-UAA [45707..45741], trnL-UAA [46385..46434], trnV-UAC [complement(49790..49826)], trnV-UAC	trnK-UUU [complement(1415..4149)], rps16 [complement(5055..5957)], trnG-GCC [8232..8908], atpF [complement(11323..12140)], rpoC1 [complement(21275..22009)], ycf3 [complement(41073..41839)], ycf3 [complement(42068..42765)], trnL-UAA [45742..46384], trnV-UAC [complement(49827..50411)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(50412..50450)], rps12 [137878..137990], rps12 [138658..138688], clpP [complement(68263..68514)], clpP [complement(69160..69450)], clpP [complement(70290..70358)], rpl2 [complement(83510..83941)], rpl2 [complement(84604..84990)], ndhB [complement(93966..94721)], ndhB [complement(95420..96196)], trnI-GAU [101318..101359], trnI-GAU [102313..102347], trnA-UGC [102412..102449], trnA-UGC [103254..103288], ndhA [complement(117900..118439)], ndhA [complement(119565..120101)], trnA-UGC [complement(132442..132476)], trnA-UGC [complement(133281..133318)], trnI-GAU [complement(133383..133417)], trnI-GAU [complement(134366..134402)], ndhB [139534..140310], ndhB [141009..141764], rpl2 [150740..151126], rpl2 [151789..152220]	[complement(68515..69159)], clpP [complement(69451..70289)], rpl2 [complement(83942..84603)], ndhB [complement(94722..95419)], trnI-GAU [101360..102312], trnA-UGC [102450..103253], ndhA [complement(118440..119564)], trnA-UGC [complement(132477..133280)], trnI-GAU [complement(133418..134365)], ndhB [140311..141008], rpl2 [151127..151788]
2193.	LULI	64	rps12 [complement(102746..102988)], rps12 [complement(73709..73822)], trnK-UUU [complement(2027..2061)], trnK-UUU [complement(4633..4669)], rps16 [complement(5575..5802)], rps16 [complement(6667..6714)], trnG-UCC [9101..9123], trnG-UCC [9874..9922], atpF [complement(12543..12890)], atpF [complement(13695..13853)], rpoC1 [complement(22126..23745)], rpoC1 [complement(24467..24898)], ycf3 [complement(45132..45284)], ycf3 [complement(46057..46284)], ycf3 [complement(47050..47175)], trnL-UAA [49976..50012], trnL-UAA [50551..50600], trnV-UAC [complement(54996..55032)], trnV-UAC [complement(55637..55674)], rps12 [145023..145265], clpP [complement(73984..74211)], clpP [complement(74789..75079)], clpP [complement(76022..76090)], petB [78932..78937], petB [79673..80326], rpl2 [complement(88497..88931)], rpl2 [complement(89594..89983)], ndhB [complement(99132..99887)], ndhB [complement(100563..101339)], trnI-GAU [106932..106973], trnI-GAU [107918..107952], trnA-UGC [108021..108058], trnA-UGC [108864..108898], ndhA [complement(124900..125439)], ndhA [complement(126469..127020)], trnA-UGC [complement(139113..139147)], trnA-UGC [complement(139953..139991)], trnI-GAU [complement(140059..140093)], trnI-GAU [complement(141038..141079)], ndhB [146672..147448], ndhB [148127..148879], rpl2 [158028..158417], rpl2 [159080..159514]	trnK-UUU [complement(2062..4632)], rps16 [complement(5803..6666)], trnG-UCC [9124..9873], atpF [complement(12891..13694)], rpoC1 [complement(23746..24466)], ycf3 [complement(45285..46056)], ycf3 [complement(46285..47049)], trnL-UAA [50013..50550], trnV-UAC [complement(55033..55636)], clpP [complement(74212..74788)], clpP [complement(75080..76021)], petB [78938..79672], rpl2 [complement(88932..89593)], ndhB [complement(99888..100562)], trnI-GAU [106974..107917], trnA-UGC [108059..108863], ndhA [complement(125440..126468)], trnA-UGC [complement(139148..139952)], trnI-GAU [complement(140094..141037)], ndhB [147449..148126], rpl2 [158418..159079]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2194.	LULU	72	rps12 [complement(96032..96057)], rps12 [complement(96597..96828)], rps12 [complement(67515..67628)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4346..4382)], trnV-UAC [9675..9713], trnV-UAC [10294..10329], trnL-UAA [complement(13575..13622)], trnL-UAA [complement(14124..14154)], trnG-UCC [16808..16830], trnG-UCC [17529..17577], atpF [complement(19895..20305)], atpF [complement(21048..21191)], rpoC1 [complement(28941..30554)], rpoC1 [complement(31321..31752)], ycf3 [complement(49773..49925)], ycf3 [complement(50653..50880)], ycf3 [complement(51618..51743)], rps16 [54082..54128], rps16 [54796..55000], rps12 [137394..137625], rps12 [138165..138190], clpP [complement(67817..68044)], clpP [complement(68700..68991)], clpP [complement(69731..69801)], petB [72762..72767], petB [73611..74252], petD [74467..74474], petD [75218..75692], rpl16 [complement(79429..79827)], rpl16 [complement(80983..80991)], rpl2 [complement(82388..82822)], rpl2 [complement(83495..83884)], ndhB [complement(92972..93727)], ndhB [complement(94403..95149)], trnI-GAU [100779..100816], trnI-GAU [101770..101804], trnA-UGC [101869..101906], trnA-UGC [102728..102762], ndhA [114989..115540], ndhA [116712..117251], trnA-UGC [complement(131459..131493)], trnA-UGC [complement(132316..132353)], trnI-GAU [complement(132418..132452)], trnI-GAU [complement(133406..133443)], ndhB [139073..139819], ndhB [140495..141250], rpl2 [150338..150727], rpl2 [151400..151834]	trnK-UUU [complement(1734..4345)], trnV-UAC [9714..10293], trnL-UAA [complement(13623..14123)], trnG-UCC [16831..17528], atpF [complement(20306..21047)], rpoC1 [complement(30555..31320)], ycf3 [complement(49926..50652)], ycf3 [complement(50881..51617)], rps16 [54129..54795], clpP [complement(68045..68699)], clpP [complement(68992..69730)], petB [72768..73610], petD [74475..75217], rpl16 [complement(79828..80982)], rpl2 [complement(82823..83494)], ndhB [complement(93728..94402)], trnI-GAU [100817..101769], trnA-UGC [101907..102727], ndhA [115541..116711], trnA-UGC [complement(131494..132315)], trnI-GAU [complement(132453..133405)], ndhB [139820..140494], rpl2 [150728..151399]
2195.	LUOC	28	rps12 [complement(75329..75442)], rps12 [145651..145676], petB [80715..80720], petB [81504..82145], petD [82344..82351], petD [83109..83583]	trnK-UUU [complement(1897..4408)], rps16 [complement(5581..6470)], trnG-UCC [10122..10832], atpF [complement(13505..14263)], rpoC1 [complement(23927..24678)], ycf3 [complement(45630..46394)], ycf3 [complement(46623..47354)], trnL-UAA [50943..51453], trnV-UAC [complement(55710..56299)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(75937..76623)], clpP [complement(76915..77777)], petB [80721..81503], petD [82352..83108], rpl2 [complement(90674..91353)], ndhB [complement(101599..102280)], trnI-GAU [108201..109151], trnA-UGC [109289..110092], ndhA [complement(125762..126798)], trnA-UGC [complement(139487..140290)], trnI-GAU [complement(140428..141378)], ndhB [147299..147980], rpl2 [158226..158905]
2196.	LURA	73	rps12 [complement(100771..100796)], rps12 [complement(101338..101569)], rps12 [complement(72232..72345)], trnK-UUU [complement(1413..1447)], trnK-UUU [complement(4080..4116)], rps16 [complement(4785..4978)], rps16 [complement(5822..5861)], trnG-UCC [9719..9741], trnG-UCC [10425..10472], atpF [complement(12445..12842)], atpF [complement(13656..13800)], rpoC1 [complement(21660..23285)], rpoC1 [complement(24039..24473)], ycf3 [complement(44292..44450)], ycf3 [complement(45178..45407)], ycf3 [complement(46101..46224)], trnL-UAA [49101..49135], trnL-UAA [49719..49768], trnV-UAC [complement(53758..53792)], trnV-UAC [complement(54389..54427)], rps12 [complement(72232..72345)], rps12 [143229..143460], rps12 [144002..144027], clpP [complement(72494..72745)], clpP [complement(73385..73676)], clpP [complement(74478..74548)], petB [77490..77495], petB [78305..78946], petD [79148..79153], petD [79956..80432], rpl16 [complement(83907..84305)], rpl16 [complement(85291..85299)], rpl2 [complement(87248..87681)], rpl2 [complement(88344..88734)], ndhB [complement(97693..98448)], ndhB [complement(99140..99916)], trnI-GAU [105459..105495], trnI-GAU [106432..106466], trnA-UGC [106530..106567], trnA-UGC [107369..107403], ndhA [complement(122898..123436)], ndhA [complement(124519..125071)], trnA-UGC [complement(137395..137429)], trnA-UGC	trnK-UUU [complement(1448..4079)], rps16 [complement(4979..5821)], trnG-UCC [9742..10424], atpF [complement(12843..13655)], rpoC1 [complement(23286..24038)], ycf3 [complement(44451..45177)], ycf3 [complement(45408..46100)], trnL-UAA [49136..49718], trnV-UAC [complement(53793..54388)], clpP [complement(72746..73384)], clpP [complement(73677..74477)], petB [77496..78304], petD [79154..79955], rpl16 [complement(84306..85290)], rpl2 [complement(87682..88343)], ndhB [complement(98449..99139)], trnI-GAU [105496..106431], trnA-UGC [106568..107368], ndhA [complement(123437..124518)], trnA-UGC [complement(137430..138230)], trnI-GAU [complement(138367..139302)], ndhB [145659..146349], rpl2 [156455..157116]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(138231..138268)], trnI-GAU [complement(138332..138366)], trnI-GAU [complement(139303..139339)], ndhB [144882..145658], ndhB [146350..147105], rpl2 [156064..156454], rpl2 [157117..157550]	
2197.	LURC	49	trnK-UUU [complement(1983..2017)], trnK-UUU [complement(4586..4622)], rps16 [complement(5527..5756)], rps16 [complement(6631..6670)], trnG-UCC [9115..9137], trnG-UCC [9889..9936], trnL-UAA [49814..49848], trnL-UAA [50392..50441], trnV-UAC [complement(54765..54801)], trnV-UAC [complement(55405..55442)], petB [78659..78664], petB [79432..80073], petD [80279..80286], petD [81043..81517], rpl16 [complement(85030..85428)], rpl16 [complement(86448..86456)], rpl2 [complement(88230..88663)], rpl2 [complement(89326..89716)], trnI-GAU [106662..106703], trnI-GAU [107648..107682], trnA-UGC [107751..107788], trnA-UGC [108596..108630], trnA-UGC [complement(138900..138934)], trnA-UGC [complement(139742..139779)], trnI-GAU [complement(139848..139882)], trnI-GAU [complement(140827..140868)]	trnK-UUU [complement(2018..4585)], rps16 [complement(5757..6630)], trnG-UCC [9138..9888], atpF [complement(13011..13769)], rpoC1 [complement(23739..24463)], ycf3 [complement(45134..45905)], ycf3 [complement(46136..46900)], trnL-UAA [49849..50391], trnV-UAC [complement(54802..55404)], clpP [complement(73949..74529)], clpP [complement(74821..75747)], petB [78665..79431], petD [80287..81042], rpl16 [complement(85429..86447)], rpl2 [complement(88664..89325)], ndhB [complement(99613..100287)], trnI-GAU [106704..107647], trnA-UGC [107789..108595], ndhA [complement(125219..126255)], trnA-UGC [complement(138935..139741)], trnI-GAU [complement(139883..140826)], ndhB [147243..147917], rpl2 [158205..158866]
2198.	LURE	65	trnK [complement(1605..1640)], trnK [complement(4196..4232)], trnT [8483..8516], trnT [9233..9274], atpF [complement(11384..11793)], atpF [complement(12519..12663)], rpoC1 [complement(20087..21688)], rpoC1 [complement(22481..22912)], ycf3 [complement(42416..42568)], ycf3 [complement(43351..43578)], trnL [46937..46971], trnL [47293..47342], trnV [complement(50587..50621)], trnV [complement(51222..51260)], rps12 [complement(69103..69216)], rps12 [139922..140153], rps12 [140691..140716], clpP [complement(69390..69617)], clpP	trnK [complement(1641..4195)], trnT [8517..9232], atpF [complement(11794..12518)], rpoC1 [complement(21689..22480)], ycf3 [complement(42569..43350)], trnL [46972..47292], trnV [complement(50622..51221)], clpP [complement(69618..70187)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(70188..70479)], clpP [complement(71384..71454)], petB [74392..74397], petB [75213..75854], petD [76052..76059], petD [76779..77253], rpl16 [complement(80743..81141)], rpl16 [complement(82278..82286)], rpl2 [complement(83973..84407)], rpl2 [complement(85090..85479)], ndhB [complement(94579..95340)], ndhB [complement(96024..96431)], trnE [102362..102393], trnE [103341..103380], trnA [103445..103481], trnA [104282..104317], ndhA [complement(119761..120290)], ndhA [complement(121376..121928)], trnA [complement(134035..134070)], trnA [complement(134871..134907)], trnE [complement(134972..135011)], trnE [complement(135959..135990)], ndhB [141921..142328], ndhB [143012..143773], rpl2 [152873..153262], rpl2 [153945..154379]	[complement(70480..71383)], petB [74398..75212], petD [76060..76778], rpl16 [complement(81142..82277)], rpl2 [complement(84408..85089)], ndhB [complement(95341..96023)], trnE [102394..103340], trnA [103482..104281], ndhA [complement(120291..121375)], trnA [complement(134071..134870)], trnE [complement(135012..135958)], ndhB [142329..143011], rpl2 [153263..153944]
2199.	LUW E	70	rps12 [complement(96704..96946)], rps12 [complement(67633..67746)], trnK-UUU [complement(1708..1742)], trnK-UUU [complement(4353..4389)], trnV-UAC [9706..9744], trnV-UAC [10328..10364], trnL-UAA [complement(13613..13662)], trnL-UAA [complement(14147..14183)], trnG-GCC [16839..16861], trnG-GCC [17547..17595], atpF [complement(19916..20326)], atpF [complement(21053..21211)], rpoC1 [complement(28963..30576)], rpoC1 [complement(31343..31774)], ycf3 [complement(50008..50160)], ycf3 [complement(50894..51121)], ycf3 [complement(51859..51984)], rps16 [54338..54378], rps16 [55133..55265], rps12 [139763..140005], clpP [complement(67937..68164)], clpP [complement(68777..69073)], clpP [complement(69799..69867)], petB [72822..72827], petB [73666..74307], petD [74522..74529], petD [75272..75746], rpl16 [complement(79474..79872)], rpl16 [complement(81079..81087)], rpl2 [complement(82500..82934)], rpl2 [complement(83604..83996)], ndhB [complement(93084..93839)], ndhB [complement(94515..95237)], trnI-GAU [100900..100941], trnI-GAU [101889..101923], trnA-UGC [101988..102025], trnA-UGC [102845..102879], ndhA [complement(119307..119845)], ndhA [complement(121011..121563)], trnA-UGC [complement(133830..133864)], trnA-UGC [complement(134684..134721)], trnI-GAU [complement(134786..134820)],	trnK-UUU [complement(1743..4352)], trnV-UAC [9745..10327], trnL-UAA [complement(13663..14146)], trnG-GCC [16862..17546], atpF [complement(20327..21052)], rpoC1 [complement(30577..31342)], ycf3 [complement(50161..50893)], ycf3 [complement(51122..51858)], rps16 [54379..55132], clpP [complement(68165..68776)], clpP [complement(69074..69798)], petB [72828..73665], petD [74530..75271], rpl16 [complement(79873..81078)], rpl2 [complement(82935..83603)], ndhB [complement(93840..94514)], trnI-GAU [100942..101888], trnA-UGC [102026..102844], ndhA [complement(119846..121010)], trnA-UGC [complement(133865..134683)], trnI-GAU [complement(134821..135767)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(135768..135809)], ndhB [141472..142194], ndhB [142870..143625], rpl2 [152713..153105], rpl2 [153775..154209]	[142195..142869], rpl2 [153106..153774]
2200.	LYBA	73	rps12 [complement(100038..100060)], rps12 [complement(100597..100831)], rps12 [complement(72136..72249)], trnK-UUU [complement(1782..1816)], trnK-UUU [complement(4326..4362)], rps16 [complement(5058..5284)], rps16 [complement(6107..6146)], trnG-UCC [8974..8996], trnG-UCC [9689..9736], atpF [complement(11679..12088)], atpF [complement(12802..12946)], rpoC1 [complement(21091..22704)], rpoC1 [complement(23442..23894)], ycf3 [complement(43821..43973)], ycf3 [complement(44733..44962)], ycf3 [complement(45706..45829)], trnL-UAA [48769..48805], trnL-UAA [49301..49350], trnV-UAC [complement(53242..53278)], trnV-UAC [complement(53843..53880)], rps12 [complement(72136..72249)], rps12 [141380..141611], rps12 [142148..142173], clpP [complement(72388..72615)], clpP [complement(73256..73547)], clpP [complement(74351..74421)], petB [77358..77363], petB [78107..78748], petD [78939..78946], petD [79689..80163], rpl16 [complement(83565..83960)], rpl16 [complement(85002..85010)], rpl2 [complement(86676..87109)], rpl2 [complement(87776..88166)], ndhB [complement(97021..97776)], ndhB [complement(98456..99232)], trnI-GAU [104544..104585], trnI-GAU [105297..105331], trnA-UGC [105396..105433], trnA-UGC [106115..106149], ndhA [complement(121319..121857)], ndhA [complement(123014..123566)], trnA-UGC [complement(136062..136096)], trnA-UGC [complement(136778..136815)], trnI-GAU [complement(136880..136914)], trnI-GAU [complement(137626..137667)], ndhB [142979..143755], ndhB [144435..145190], rpl2 [154045..154435], rpl2 [155102..155535]	trnK-UUU [complement(1817..4325)], rps16 [complement(5285..6106)], trnG-UCC [8997..9688], atpF [complement(12089..12801)], rpoC1 [complement(22705..23441)], ycf3 [complement(43974..44732)], ycf3 [complement(44963..45705)], trnL-UAA [48806..49300], trnV-UAC [complement(53279..53842)], clpP [complement(72616..73255)], clpP [complement(73548..74350)], petB [77364..78106], petD [78947..79688], rpl16 [complement(83961..85001)], rpl2 [complement(87110..87775)], ndhB [complement(97777..98455)], trnI-GAU [104586..105296], trnA-UGC [105434..106114], ndhA [complement(121858..123013)], trnA-UGC [complement(136097..136777)], trnI-GAU [complement(136915..137625)], ndhB [143756..144434], rpl2 [154436..155101]
2201.	LYCH	2	rps12 [complement(72194..72307)], rps12 [142231..142256]	-
2202.	LYCO	72	rps12 [complement(98780..98806)], rps12 [complement(99350..99580)], rps12 [complement(70572..70685)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4399..4435)], rps16 [complement(5111..5335)], rps16 [complement(6201..6242)], trnG-UCC [9368..9390], trnG-UCC [10092..10139], atpF [complement(12184..12654)], atpF [complement(13310..13468)], rpoC1 [complement(21014..22639)], rpoC1	trnK-UUU [complement(1883..4398)], rps16 [complement(5336..6200)], trnG-UCC [9391..10091], atpF [complement(12655..13309)], rpoC1 [complement(22640..23388)], ycf3 [complement(43296..44044)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23389..23823)], ycf3 [complement(43143..43295)], ycf3 [complement(44045..44272)], ycf3 [complement(44997..45125)], trnL-UAA [48231..48265], trnL-UAA [48734..48783], trnV-UAC [complement(51973..52008)], trnV-UAC [complement(52593..52630)], rps12 [141132..141362], rps12 [141906..141932], clpP [complement(70824..71051)], clpP [complement(71697..71988)], clpP [complement(72833..72903)], petB [75864..75869], petB [76634..77275], petD [77465..77470], petD [78266..78742], rpl16 [complement(82277..82675)], rpl16 [complement(83662..83670)], rps19 [complement(85380..85814)], rps19 [complement(86472..86861)], ndhB [complement(95731..96486)], ndhB [complement(97166..97942)], trnI-GUG [103564..103600], trnI-GUG [104538..104572], trnA-UGC [104637..104674], trnA-UGC [105482..105516], ndhA [complement(120688..121227)], ndhA [complement(122323..122874)], trnA-UGC [complement(135196..135230)], trnA-UGC [complement(136038..136075)], trnI-GAU [complement(136140..136174)], trnI-GAU [complement(137112..137148)], ndhB [142770..143546], ndhB [144226..144981], rpl2 [153851..154241], rpl2 [154899..155332]	[complement(44273..44996)], trnL-UAA [48266..48733], trnV-UAC [complement(52009..52592)], clpP [complement(71052..71696)], clpP [complement(71989..72832)], petB [75870..76633], petD [77471..78265], rpl16 [complement(82676..83661)], rps19 [complement(85815..86471)], ndhB [complement(96487..97165)], trnI-GUG [103601..104537], trnA-UGC [104675..105481], ndhA [complement(121228..122322)], trnA-UGC [complement(135231..136037)], trnI-GAU [complement(136175..137111)], ndhB [143547..144225], rpl2 [154242..154898]
2203.	LYHO	25	trnK-UUU [complement(2078..2112)], trnK-UUU [complement(4802..4838)], trnG-UCC [9232..9254], trnG-UCC [9977..10024], trnL-UAA [48643..48677], trnL-UAA [49202..49251], trnV-UAC [complement(52504..52540)], trnV-UAC [complement(53150..53188)], rps12 [141513..141538], trnI-GAU [103984..104020], trnI-GAU [104974..105008], trnA-UGC [105073..105110], trnA-UGC [105918..105952], trnA-UGC [complement(135080..135114)], trnA-UGC [complement(135922..135959)], trnI-GAU [complement(136024..136058)], trnI-GAU [complement(137012..137048)]	trnK-UUU [complement(2113..4801)], trnG-UCC [9255..9976], trnL-UAA [48678..49201], trnV-UAC [complement(52541..53149)], trnI-GAU [104021..104973], trnA-UGC [105111..105917], trnA-UGC [complement(135115..135921)], trnI-GAU [complement(136059..137011)]
2204.	LYPA	63	rps12 [complement(98467..98492)], rps12 [complement(99024..99255)], rps12 [complement(70872..70985)], trnK-UUU [complement(1613..1638)], trnK-UUU [complement(4145..4181)], rps16 [complement(4994..5203)], rps16 [complement(6146..6193)], trnG-UCC [9437..9459], trnG-UCC [10165..10212], atpF [complement(12155..12625)], atpF [complement(13263..13409)], rpoC1 [complement(21252..22871)], rpoC1 [complement(23669..24124)], ycf3 [complement(43409..43561)], ycf3	trnK-UUU [complement(1639..4144)], rps16 [complement(5204..6145)], trnG-UCC [9460..10164], atpF [complement(12626..13262)], rpoC1 [complement(22872..23668)], ycf3 [complement(43562..44266)], ycf3 [complement(44498..45193)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44267..44497)], ycf3 [complement(45194..45325)], trnL-UAA [48348..48384], trnL-UAA [48859..48908], trnV-UAC [complement(52622..52658)], trnV-UAC [complement(53245..53282)], rps12 [139689..139920], rps12 [140452..140477], clpP [complement(71119..71344)], clpP [complement(71986..72281)], clpP [complement(73089..73157)], rpl2 [complement(85178..85612)], rpl2 [complement(86280..86675)], ndhB [complement(95456..96211)], ndhB [complement(96888..97667)], trnI-GAU [102960..103001], trnI-GAU [103938..103972], trnA-UGC [104043..104080], trnA-UGC [104892..104926], ndhA [complement(119647..120186)], ndhA [complement(121240..121794)], trnA-UGC [complement(134018..134052)], trnA-UGC [complement(134864..134901)], trnI-GAU [complement(134972..135006)], trnI-GAU [complement(135943..135984)], ndhB [141277..142056], ndhB [142733..143488], rpl2 [152269..152664], rpl2 [153332..153766]	[48385..48858], trnV-UAC [complement(52659..53244)], clpP [complement(71345..71985)], clpP [complement(72282..73088)], rpl2 [complement(85613..86279)], ndhB [complement(96212..96887)], trnI-GAU [103002..103937], trnA-UGC [104081..104891], ndhA [complement(120187..121239)], trnA-UGC [complement(134053..134863)], trnI-GAU [complement(135007..135942)], ndhB [142057..142732], rpl2 [152665..153331]
2205.	LYRA	88	rps12 [complement(100846..100871)], rps12 [complement(101416..101647)], rps12 [complement(72356..72469)], trnK-UUU [complement(1390..1424)], trnK-UUU [complement(4006..4051)], rps16 [complement(4647..4854)], rps16 [complement(5746..5783)], trnG-UCC [9811..9833], trnG-UCC [10530..10577], atpF [complement(12510..12766)], atpF [complement(13853..14006)], rpoC1 [complement(21423..23048)], rpoC1 [complement(23799..24230)], ycf3 [complement(44097..44249)], ycf3 [complement(45005..45235)], ycf3 [complement(45961..46086)], trnL-UAA [49087..49116], trnL-UAA [49635..49684], trnV-UAC [complement(54048..54084)], trnV-UAC [complement(54669..54707)], rps12 [complement(72356..72469)], rps12 [143302..143533], rps12 [144078..144103], clpP [complement(72601..72850)], clpP [complement(73512..73802)], clpP [complement(74586..74656)], petB [77549..77554], petB [78338..78979], petD [79193..79200], petD [79938..80451], rpl16 [complement(83899..84300)], rpl16 [complement(85263..85271)], rpl2 [complement(87114..87541)], rpl2 [complement(88208..88601)], ndhB [complement(97765..98522)], ndhB [complement(99222..99996)], trnI-GAU [105521..105562], trnI-GAU	trnK-UUU [complement(1425..4005)], rps16 [complement(4855..5745)], trnG-UCC [9834..10529], atpF [complement(12767..13852)], rpoC1 [complement(23049..23798)], ycf3 [complement(44250..45004)], ycf3 [complement(45236..45960)], trnL-UAA [49117..49634], trnV-UAC [complement(54085..54668)], clpP [complement(72851..73511)], clpP [complement(73803..74585)], petB [77555..78337], petD [79201..79937], rpl16 [complement(84301..85262)], rpl2 [complement(87542..88207)], ndhB [complement(98523..99221)], trnI-GAU [105563..106497], trnI-GAU [105609..106543], trnA-UGC [106636..107450], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[106498..106532], trnI-GAU [105567..105608], trnI-GAU [106544..106578], trnA-UGC [106598..106635], trnA-UGC [107451..107485], trnA-UGC [106644..106681], trnA-UGC [107497..107531], ndhF [complement(113237..113293)], ndhF [complement(113383..115566)], ndhA [complement(123040..123578)], ndhA [complement(124704..125262)], trnA-UGC [complement(137418..137452)], trnA-UGC [complement(138268..138305)], trnA-UGC [complement(137464..137498)], trnA-UGC [complement(138314..138351)], trnI-GAU [complement(138371..138405)], trnI-GAU [complement(139341..139382)], trnI-GAU [complement(138417..138451)], trnI-GAU [complement(139387..139428)], ndhB [144953..145727], ndhB [146427..147184], rpl2 [156348..156741], rpl2 [157408..157835]	[106682..107496], ndhF [complement(113294..113382)], ndhA [complement(123579..124703)], trnA-UGC [complement(137453..138267)], trnA-UGC [complement(137499..138313)], trnI-GAU [complement(138406..139340)], trnI-GAU [complement(138452..139386)], ndhB [145728..146426], rpl2 [156742..157407]
2206.	LYRU	27	rps12 [141517..141542], petB [76805..76810], trnA-UGC [105489..105523], rpl2 [154424..154857]	trnK [complement(1819..4328)], rps16 [complement(5285..6106)], trnG-UCC [8993..9682], atpF [complement(12092..12786)], rpoC1 [complement(22609..23349)], ycf3 [complement(43645..44401)], ycf3 [complement(44632..45372)], trnL-UAA [48521..49041], trnV-UAC [complement(53015..53579)], clpP [complement(72061..72701)], clpP [complement(72994..73787)], petB [76811..77553], petD [78394..79135], rpl16 [complement(83407..84424)], rpl2 [complement(86531..87196)], ndhB [complement(97151..97829)], trnI-GAU [103955..104671], trnA-UGC [104808..105488], ndhA [complement(121241..122395)], trnA-UGC [complement(135465..136145)], trnI-GAU [complement(136283..136998)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[143125..143803], rpl2 [153758..154423]
2207.	LYSA	67	rps12 [complement(102152..102178)], rps12 [complement(102725..102955)], rps12 [complement(74493..74606)], trnK [complement(1721..1755)], trnK [complement(4250..4286)], rps16 [complement(5041..5264)], rps16 [complement(6122..6161)], trnG [10321..10369], trnG [10524..10595], atpF [complement(12540..12949)], atpF [complement(13718..13862)], rpoC1 [complement(21915..23522)], rpoC1 [complement(24271..24702)], ycf3 [complement(45087..45239)], ycf3 [complement(46017..46246)], ycf3 [complement(46988..47111)], trnL [50481..50517], trnL [51049..51098], trnV [complement(55263..55299)], trnV [complement(55900..55937)], rps12 [complement(74493..74606)], rps12 [144524..144754], rps12 [145301..145327], clpP [complement(74764..74991)], clpP [complement(75603..75876)], clpP [complement(76704..76774)], petB [79663..79668], petB [80450..81091], petD [81290..81297], petD [82050..82524], rpl16 [complement(86060..86458)], rpl16 [complement(87458..87466)], ndhB [complement(99091..99846)], ndhB [complement(100529..101305)], trnI [106587..106629], trnI [107573..107607], trnA [107672..107709], trnA [108512..108546], ndhA [complement(124393..124932)], ndhA [complement(125966..126517)], trnA [complement(138933..138967)], trnA [complement(139770..139807)], trnI [complement(139872..139906)], trnI [complement(140850..140891)], ndhB [146174..146950], ndhB [147633..148388]	trnK [complement(1756..4249)], rps16 [complement(5265..6121)], trnG [10370..10523], atpF [complement(12950..13717)], rpoC1 [complement(23523..24270)], ycf3 [complement(45240..46016)], ycf3 [complement(46247..46987)], trnL [50518..51048], trnV [complement(55300..55899)], clpP [complement(74992..75602)], clpP [complement(75877..76703)], petB [79669..80449], petD [81298..82049], rpl16 [complement(86459..87457)], ndhB [complement(99847..100528)], trnI [106630..107572], trnA [107710..108511], ndhA [complement(124933..125965)], trnI [complement(138968..139769)], trnI [complement(139907..140849)], ndhB [146951..147632]
2208.	LYSP	64	rps12 [complement(89497..89525)], rps12 [complement(90066..90297)], rps12 [complement(67454..67567)], trnK-UUU [complement(1384..1418)], trnK-UUU [complement(3908..3944)], rps16 [complement(4506..4723)], rps16 [complement(5560..5599)], trnG-UCC [complement(12822..12869)], trnG-UCC [complement(13549..13571)], atpF [33579..33723], atpF [34552..34958], ycf3 [complement(42699..42859)], ycf3 [complement(43592..43817)], ycf3 [complement(44559..44684)], trnL-UAA [47501..47535], trnL-UAA [48079..48132], trnV-UAC [complement(51685..51721)], trnV-UAC [complement(52325..52363)], rps12 [127388..127619], rps12 [128160..128188], petB [71306..71311], petB [72120..72761], petD	trnK-UUU [complement(1419..3907)], rps16 [complement(4724..5559)], trnG-UCC [complement(12870..13548)], atpF [33724..34551], ycf3 [complement(42860..43591)], ycf3 [complement(43818..44558)], trnL-UAA [47536..48078], trnV-UAC [complement(51722..52324)], petB [71312..72119], petD [72961..73711], rpl16 [complement(78183..79270)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72953..72960], petD [73712..74186], rpl16 [complement(77781..78182)], rpl16 [complement(79271..79279)], rpl2 [complement(81234..81664)], rpl2 [complement(82327..82717)], ndhB [complement(86424..87179)], ndhB [complement(87892..88668)], trnI-GAU [94154..94190], trnI-GAU [95141..95175], trnA-UGC [95241..95278], trnA-UGC [96090..96124], ndhA [complement(112151..112689)], ndhA [complement(113718..114267)], trnA-UGC [complement(121561..121595)], trnA-UGC [complement(122407..122444)], trnI-GAU [complement(122510..122544)], trnI-GAU [complement(123495..123531)], ndhB [129017..129793], ndhB [130506..131261], rpl2 [134968..135358], rpl2 [136021..136451]	[complement(81665..82326)], ndhB [complement(87180..87891)], trnI-GAU [94191..95140], trnA-UGC [95279..96089], ndhA [complement(112690..113717)], trnA-UGC [complement(121596..122406)], trnI-GAU [complement(122545..123494)], ndhB [129794..130505], rpl2 [135359..136020]
2209.	LYSQ	73	rps12 [complement(100750..100775)], rps12 [complement(101320..101551)], rps12 [complement(72257..72370)], trnK-UUU [complement(1403..1437)], trnK-UUU [complement(4015..4060)], rps16 [complement(4656..4863)], rps16 [complement(5750..5787)], trnG-UCC [9808..9830], trnG-UCC [10522..10569], atpF [complement(12494..12748)], atpF [complement(13818..13973)], rpoC1 [complement(21385..23010)], rpoC1 [complement(23761..24192)], ycf3 [complement(44049..44201)], ycf3 [complement(44957..45184)], ycf3 [complement(45910..46038)], trnL-UAA [49003..49032], trnL-UAA [49550..49599], trnV-UAC [complement(53975..54011)], trnV-UAC [complement(54596..54634)], rps12 [complement(72257..72370)], rps12 [143340..143571], rps12 [144116..144141], clpP [complement(72502..72753)], clpP [complement(73411..73701)], clpP [complement(74490..74558)], petB [77447..77452], petB [78239..78880], petD [79094..79101], petD [79839..80352], rpl16 [complement(83802..84203)], rpl16 [complement(85167..85175)], rpl2 [complement(87018..87449)], rpl2 [complement(88116..88508)], ndhB [complement(97669..98424)], ndhB [complement(99124..99900)], trnI-GAU [105476..105517], trnI-GAU [106453..106487], trnA-UGC [106553..106590], trnA-UGC [107406..107440], ndhA [complement(122987..123527)], ndhA [complement(124653..125209)], trnA-UGC [complement(137497..137531)], trnA-UGC [complement(138347..138384)], trnI-GAU [complement(138450..138484)],	trnK-UUU [complement(1438..4014)], rps16 [complement(4864..5749)], trnG-UCC [9831..10521], atpF [complement(12749..13817)], rpoC1 [complement(23011..23760)], ycf3 [complement(44202..44956)], ycf3 [complement(45185..45909)], trnL-UAA [49033..49549], trnV-UAC [complement(54012..54595)], clpP [complement(72754..73410)], clpP [complement(73702..74489)], petB [77453..78238], petD [79102..79838], rpl16 [complement(84204..85166)], rpl2 [complement(87450..88115)], ndhB [complement(98425..99123)], trnI-GAU [105518..106452], trnA-UGC [106591..107405], ndhA [complement(123528..124652)], trnA-UGC [complement(137532..138346)], trnI-GAU [complement(138485..139419)], ndhB [145768..146466], rpl2 [156776..157441]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139420..139461)], ndhB [144991..145767], ndhB [146467..147222], rpl2 [156383..156775], rpl2 [157442..157873]	
2210.	MAA L	67	rps12 [complement(101930..101955)], rps12 [complement(102492..102723)], rps12 [complement(73661..73774)], trnK-UUU [complement(1803..1837)], trnK-UUU [complement(4327..4363)], rps16 [complement(5013..5231)], rps16 [complement(6055..6096)], trnG-UCC [10008..10031], trnG-UCC [10796..10843], atpF [complement(12767..13177)], atpF [complement(13888..14031)], rpoC1 [complement(22011..23634)], rpoC1 [complement(24357..24790)], ycf3 [complement(45088..45240)], ycf3 [complement(45969..46196)], ycf3 [complement(46936..47061)], trnL-UAA [49681..49715], trnL-UAA [50207..50256], trnV-UAC [complement(54873..54909)], trnV-UAC [complement(55494..55532)], rps12 [complement(73661..73774)], rps12 [145521..145752], rps12 [146289..146314], clpP [complement(73926..74171)], clpP [complement(74807..75097)], clpP [complement(75883..75951)], petB [78842..78847], petB [79632..80273], rpl2 [complement(88199..88630)], rpl2 [complement(89289..89675)], ndhB [complement(98844..99599)], ndhB [complement(100300..101076)], trnI-GAU [106641..106682], trnI-GAU [107619..107653], trnA-UGC [107718..107755], trnA-UGC [108555..108589], ndhA [complement(125107..125646)], ndhA [complement(126723..127274)], trnA-UGC [complement(139655..139689)], trnA-UGC [complement(140489..140526)], trnI-GAU [complement(140591..140625)], trnI-GAU [complement(141562..141603)], ndhB [147168..147944], ndhB [148645..149400], rpl2 [158569..158955], rpl2 [159614..160045]	trnK-UUU [complement(1838..4326)], rps16 [complement(5232..6054)], trnG-UCC [10032..10795], atpF [complement(13178..13887)], rpoC1 [complement(23635..24356)], ycf3 [complement(45241..45968)], ycf3 [complement(46197..46935)], trnL-UAA [49716..50206], trnV-UAC [complement(54910..55493)], clpP [complement(74172..74806)], clpP [complement(75098..75882)], petB [78848..79631], rpl2 [complement(88631..89288)], ndhB [complement(99600..100299)], trnI-GAU [106683..107618], trnA-UGC [107756..108554], ndhA [complement(125647..126722)], trnA-UGC [complement(139690..140488)], trnI-GAU [complement(140626..141561)], ndhB [147945..148644], rpl2 [158956..159613]
2211.	MAA R	67	rps12 [complement(101879..101904)], rps12 [complement(102441..102672)], rps12 [complement(73621..73734)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4324..4360)], rps16 [complement(5006..5224)], rps16 [complement(6050..6091)], trnG-UCC [10022..10045], trnG-UCC [10815..10862], atpF [complement(12788..13198)], atpF [complement(13906..14049)], rpoC1 [complement(21993..23616)], rpoC1 [complement(24339..24772)], ycf3 [complement(45081..45233)], ycf3 [complement(45964..46191)], ycf3 [complement(46928..47053)], trnL-UAA	trnK-UUU [complement(1833..4323)], rps16 [complement(5225..6049)], trnG-UCC [10046..10814], atpF [complement(13199..13905)], rpoC1 [complement(23617..24338)], ycf3 [complement(45234..45963)], ycf3 [complement(46192..46927)], trnL-UAA [49677..50167], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[49642..49676], trnL-UAA [50168..50217], trnV-UAC [complement(54851..54887)], trnV-UAC [complement(55472..55510)], rps12 [complement(73621..73734)], rps12 [145478..145709], rps12 [146246..146271], clpP [complement(73886..74131)], clpP [complement(74761..75051)], clpP [complement(75834..75902)], petB [78788..78793], petB [79583..80224], rpl2 [complement(88148..88579)], rpl2 [complement(89238..89624)], ndhB [complement(98793..99548)], ndhB [complement(100249..101025)], trnI-GAU [106585..106626], trnI-GAU [107563..107597], trnA-UGC [107662..107699], trnA-UGC [108499..108533], ndhA [complement(125027..125566)], ndhA [complement(126646..127197)], trnA-UGC [complement(139617..139651)], trnA-UGC [complement(140451..140488)], trnI-GAU [complement(140553..140587)], trnI-GAU [complement(141524..141565)], ndhB [147125..147901], ndhB [148602..149357], rpl2 [158526..158912], rpl2 [159571..160002]</p>	<p>[complement(54888..55471)], clpP [complement(74132..74760)], clpP [complement(75052..75833)], petB [78794..79582], rpl2 [complement(88580..89237)], ndhB [complement(99549..100248)], trnI-GAU [106627..107562], trnA-UGC [107700..108498], ndhA [complement(125567..126645)], trnA-UGC [complement(139652..140450)], trnI-GAU [complement(140588..141523)], ndhB [147902..148601], rpl2 [158913..159570]</p>
2212.	MAB A	46	<p>rps12 [complement(100897..100923)], rps12 [complement(101460..101690)], rps12 [complement(73283..73396)], trnK-UUU [complement(1789..1823)], trnK-UUU [complement(4337..4373)], trnG-UCC [10302..10325], trnG-UCC [11089..11136], trnL-UAA [49388..49422], trnL-UAA [49902..49951], trnV-UAC [complement(54452..54488)], trnV-UAC [complement(55076..55114)], rps12 [complement(73283..73396)], rps12 [144708..144938], rps12 [145475..145501], clpP [complement(73543..73788)], petD [80821..81301], trnI-GAU [105565..105606], trnI-GAU [106546..106580], trnA-UGC [106645..106682], trnA-UGC [107481..107515], trnA-UGC [complement(138883..138917)], trnA-UGC [complement(139716..139753)], trnI-GAU [complement(139818..139852)], trnI-GAU [complement(140792..140833)]</p>	<p>trnK-UUU [complement(1824..4336)], rps16 [complement(5425..6262)], trnG-UCC [10326..11088], atpF [complement(13449..14174)], rpoC1 [complement(23471..24187)], ycf3 [complement(44848..45576)], ycf3 [complement(45806..46538)], trnL-UAA [49423..49901], trnV-UAC [complement(54489..55075)], clpP [complement(73789..74442)], clpP [complement(74735..75519)], petB [78474..79263], petD [80111..80820], rpl16 [complement(85135..86107)], rpl2 [complement(88271..88943)], ndhB [complement(98569..99270)], trnI-GAU [105607..106545], trnA-UGC [106683..107480], ndhA [complement(124850..125972)], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(138918..139715)], trnI-GAU [complement(139853..140791)], ndhB [147128..147829]
2213.	MAB C	40	trnK-UUU [complement(1307..1341)], trnK-UUU [complement(3911..3947)], trnG-UCC [9663..9685], trnG-UCC [10393..10440], trnL-UAA [47636..47670], trnL-UAA [48203..48252], trnV-UAC [complement(52741..52777)], trnV-UAC [complement(53372..53410)], rps12 [142986..143011], trnI-GAU [104463..104499], trnI-GAU [105441..105475], trnA-UGC [105540..105577], trnA-UGC [106402..106436], trnA-UGC [complement(136285..136319)], trnA-UGC [complement(137144..137181)], trnI-GAU [complement(137246..137280)], trnI-GAU [complement(138222..138258)]	trnK-UUU [complement(1342..3910)], rps16 [complement(4791..5668)], trnG-UCC [9686..10392], atpF [complement(12776..13581)], rpoC1 [complement(22823..23557)], ycf3 [complement(42936..43679)], ycf3 [complement(43908..44652)], trnL-UAA [47671..48202], trnV-UAC [complement(52778..53371)], clpP [complement(71887..72529)], clpP [complement(72822..73629)], petB [76591..77349], petD [78220..78965], rpl16 [complement(83320..84357)], rpl2 [complement(86633..87296)], ndhB [complement(97447..98140)], trnI-GAU [104500..105440], trnA-UGC [105578..106401], ndhA [complement(122635..123709)], trnA-UGC [complement(136320..137143)], trnI-GAU [complement(137281..138221)], ndhB [144581..145274], rpl2 [155425..156088]
2214.	MABI	67	rps12 [complement(101833..101862)], rps12 [complement(102400..102627)], rps12 [complement(73633..73746)], trnK-UUU [complement(1803..1837)], trnK-UUU [complement(4328..4364)], rps16 [complement(5005..5223)], rps16 [complement(6047..6088)], trnG-UCC [10007..10030], trnG-UCC [10799..10846], atpF [complement(12771..13181)], atpF [complement(13891..14034)], rpoC1 [complement(22018..23631)], rpoC1 [complement(24366..24797)], ycf3 [complement(45102..45254)], ycf3 [complement(45985..46212)], ycf3 [complement(46951..47076)], trnL-UAA	trnK-UUU [complement(1838..4327)], rps16 [complement(5224..6046)], trnG-UCC [10031..10798], atpF [complement(13182..13890)], rpoC1 [complement(23632..24365)], ycf3 [complement(45255..45984)], ycf3 [complement(46213..46950)], trnL-UAA [49727..50221], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[49692..49726], trnL-UAA [50222..50271], trnV-UAC [complement(54891..54927)], trnV-UAC [complement(55512..55550)], rps12 [complement(73633..73746)], rps12 [145451..145678], rps12 [146212..146241], clpP [complement(73903..74148)], clpP [complement(74777..75067)], clpP [complement(75848..75916)], petB [78779..78784], petB [79569..80210], rpl2 [complement(88137..88568)], rpl2 [complement(89230..89613)], ndhB [complement(98751..99506)], ndhB [complement(100207..100983)], trnI-GAU [106548..106589], trnI-GAU [107526..107560], trnA-UGC [107625..107662], trnA-UGC [108462..108496], ndhA [complement(125014..125553)], ndhA [complement(126630..127181)], trnA-UGC [complement(139582..139616)], trnA-UGC [complement(140416..140453)], trnI-GAU [complement(140518..140552)], trnI-GAU [complement(141489..141530)], ndhB [147095..147871], ndhB [148572..149327], rpl2 [158465..158848], rpl2 [159510..159941]</p>	<p>[complement(54928..55511)], clpP [complement(74149..74776)], clpP [complement(75068..75847)], petB [78785..79568], rpl2 [complement(88569..89229)], ndhB [complement(99507..100206)], trnI-GAU [106590..107525], trnA-UGC [107663..108461], ndhA [complement(125554..126629)], trnA-UGC [complement(139617..140415)], trnI-GAU [complement(140553..141488)], ndhB [147872..148571], rpl2 [158849..159509]</p>
2215.	MAB U	56	<p>rps12 [complement(103153..103178)], rps12 [complement(103715..103946)], rps12 [complement(74005..74118)], trnK-UUU [complement(1685..1719)], trnK-UUU [complement(4281..4317)], trnG-GCC [8239..8261], trnG-GCC [8986..9031], atpF [complement(11781..12191)], atpF [complement(12986..13129)], rpoC1 [complement(21321..22931)], rpoC1 [complement(23719..24150)], ycf3 [complement(45330..45482)], ycf3 [complement(46187..46414)], ycf3 [complement(47146..47271)], trnL-UAA [49612..49648], trnL-UAA [50220..50268], trnV-UAC [complement(54378..54414)], trnV-UAC [complement(55022..55060)], rps12 [complement(74005..74118)], rps12 [147639..147870], rps12 [148407..148432], clpP [complement(74283..74508)], clpP [complement(75134..75426)], clpP [complement(76293..76361)], petB [79351..79356], petB [80188..80829], petD [81024..81031], petD [81820..82294], rpl16 [complement(86046..86444)], rpl16 [complement(87504..87512)], rpl2 [complement(89382..89816)], rpl2 [complement(90492..90890)], ndhB [complement(100093..100848)], ndhB [complement(101537..102313)], trnI-GAU [107943..107984], trnI-GAU [108932..108966], trnA-UGC [109031..109068], trnA-UGC [109877..109911],</p>	<p>trnG-GCC [8262..8985], trnL-UAA [49649..50219], trnV-UAC [complement(54415..55021)], clpP [complement(74509..75133)], clpP [complement(75427..76292)], trnI-GAU [107985..108931], trnI-GAU [complement(142654..143600)], rpl2 [161070..161744]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(126671..127210)], ndhA [complement(128403..128972)], trnA-UGC [complement(141674..141708)], trnA-UGC [complement(142517..142554)], trnI-GAU [complement(142619..142653)], trnI-GAU [complement(143601..143642)], ndhB [149272..150048], ndhB [150737..151492], rpl2 [160671..161069], rpl2 [161745..162179]	
2216.	MAC A	67	rps12 [complement(101923..101948)], rps12 [complement(102485..102716)], rps12 [complement(73688..73801)], trnK-UUU [complement(1794..1828)], trnK-UUU [complement(4317..4353)], rps16 [complement(5001..5219)], rps16 [complement(6047..6088)], trnG-UCC [10017..10040], trnG-UCC [10815..10862], atpF [complement(12786..13196)], atpF [complement(13906..14049)], rpoC1 [complement(22042..23665)], rpoC1 [complement(24388..24818)], ycf3 [complement(45091..45243)], ycf3 [complement(45972..46199)], ycf3 [complement(46937..47062)], trnL-UAA [49677..49711], trnL-UAA [50203..50252], trnV-UAC [complement(54873..54909)], trnV-UAC [complement(55494..55532)], rps12 [complement(73688..73801)], rps12 [145377..145608], rps12 [146145..146170], clpP [complement(73953..74198)], clpP [complement(74830..75120)], clpP [complement(75904..75972)], petB [78854..78859], petB [79644..80285], rpl2 [complement(88198..88629)], rpl2 [complement(89288..89674)], ndhB [complement(98843..99598)], ndhB [complement(100299..101075)], trnI-GAU [106634..106675], trnI-GAU [107612..107646], trnA-UGC [107711..107748], trnA-UGC [108548..108582], ndhA [complement(125072..125611)], ndhA [complement(126689..127240)], trnA-UGC [complement(139511..139545)], trnA-UGC [complement(140345..140382)], trnI-GAU [complement(140447..140481)], trnI-GAU [complement(141418..141459)], ndhB [147018..147794], ndhB [148495..149250], rpl2 [158419..158805], rpl2 [159464..159895]	trnK-UUU [complement(1829..4316)], rps16 [complement(5220..6046)], trnG-UCC [10041..10814], atpF [complement(13197..13905)], rpoC1 [complement(23666..24387)], ycf3 [complement(45244..45971)], ycf3 [complement(46200..46936)], trnL-UAA [49712..50202], trnV-UAC [complement(54910..55493)], clpP [complement(74199..74829)], clpP [complement(75121..75903)], petB [78860..79643], rpl2 [complement(88630..89287)], ndhB [complement(99599..100298)], trnI-GAU [106676..107611], trnA-UGC [107749..108547], ndhA [complement(125612..126688)], trnA-UGC [complement(139546..140344)], trnI-GAU [complement(140482..141417)], ndhB [147795..148494], rpl2 [158806..159463]
2217.	MAC C	2	rps12 [complement(58621..58734)], rps12 [111331..111356]	-
2218.	MAC E	70	rps12 [complement(97806..98048)], rps12 [complement(69518..69631)], trnK-UUU [complement(1731..1766)], trnK-UUU [complement(4371..4408)], rps16 [complement(4973..5199)], rps16 [complement(6041..6080)], rpoC1	trnK-UUU [complement(1767..4370)], rps16 [complement(5200..6040)], rpoC1 [16549..17279], atpF [27052..27736], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[16117..16548], rpoC1 [17280..18908], atpF [26907..27051], atpF [27737..28146], trnG-UCC [complement(30164..30211)], trnG-UCC [complement(30982..31004)], ycf3 [complement(42097..42249)], ycf3 [complement(43029..43258)], ycf3 [complement(43966..44089)], trnL-UAA [47023..47059], trnL-UAA [47521..47570], trnV-UAC [complement(51132..51168)], trnV-UAC [complement(51744..51781)], rps12 [138723..138965], clpP [complement(69806..70033)], clpP [complement(70640..70933)], clpP [complement(71755..71823)], petB [74756..74761], petB [75531..76172], petD [76367..76374], petD [77086..77563], rpl16 [complement(81009..81416)], rpl16 [complement(82477..82485)], rpl2 [complement(84189..84623)], rpl2 [complement(85292..85678)], ndhB [complement(94236..94991)], ndhB [complement(95669..96445)], trnI-GAU [101989..102031], trnI-GAU [102806..102840], trnA-UGC [102905..102942], trnA-UGC [103769..103803], ndhA [115450..116002], ndhA [117055..117593], trnA-UGC [complement(132968..133002)], trnA-UGC [complement(133829..133866)], trnI-GAU [complement(133931..133965)], trnI-GAU [complement(134740..134782)], ndhB [140326..141117], ndhB [141792..142535], rpl2 [151093..151483], rpl2 [152149..152582]	UCC [complement(30212..30981)], ycf3 [complement(42250..43028)], ycf3 [complement(43259..43965)], trnL-UAA [47060..47520], trnV-UAC [complement(51169..51743)], clpP [complement(70034..70639)], clpP [complement(70934..71754)], petB [74762..75530], petD [76375..77085], rpl16 [complement(81417..82476)], rpl2 [complement(84624..85291)], ndhB [complement(94992..95668)], trnI-GAU [102032..102805], trnA-UGC [102943..103768], ndhA [116003..117054], trnA-UGC [complement(133003..133828)], trnI-GAU [complement(133966..134739)], ndhB [141118..141791], rpl2 [151484..152148]
2219.	MAC L	50	trnK-UUU [complement(1465..1499)], trnK-UUU [complement(3932..3968)], ndhA [complement(20963..21511)], ndhA [complement(22265..22822)], rpl2 [33545..33944], rpl2 [34664..35094], rpl16 [36720..36728], rpl16 [37633..38043], petD [complement(41549..42038)], petD [complement(42670..42677)], petB [complement(42914..43555)], petB [complement(44307..44312)], rps12 [49062..49175], rps12 [119457..119688], rps12 [120254..120285], trnV-UAC [67489..67526], trnV-UAC [68068..68102], trnL-UAA [complement(71618..71668)], trnL-UAA [complement(72086..72120)], ycf3 [74616..74741], ycf3 [75442..75669], ycf3 [76383..76538], rpoC1 [94532..94984], rpoC1 [95685..97526], atpF [104436..104595], atpF [105320..105729], trnG-UCC [complement(107771..107818)], trnG-UCC [complement(108600..108622)], trnA-UGC [complement(113089..113123)], trnA-UGC	trnK-UUU [complement(1500..3931)], ndhA [complement(21512..22264)], rpl2 [33945..34663], rpl16 [36729..37632], petD [complement(42039..42669)], petB [complement(43556..44306)], trnV-UAC [67527..68067], trnL-UAA [complement(71669..72085)], ycf3 [74742..75441], ycf3 [75670..76382], rpoC1 [94985..95684], atpF [104596..105319], trnG-UCC [complement(107819..108599)], trnA-UGC [complement(113124..113914)], trnI-GAU [complement(114058..115019)], ndhB [122050..122765]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(113915..113952)], trnI-GAU [complement(114023..114057)], trnI-GAU [complement(115020..115056)], ndhB [121327..122049], ndhB [122766..123521]	
2220.	MAC N	67	rps12 [complement(101880..101905)], rps12 [complement(102442..102673)], rps12 [complement(73623..73736)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4324..4360)], rps16 [complement(5006..5224)], rps16 [complement(6050..6091)], trnG-UCC [10022..10045], trnG-UCC [10815..10862], atpF [complement(12788..13198)], atpF [complement(13906..14049)], rpoC1 [complement(21993..23616)], rpoC1 [complement(24339..24772)], ycf3 [complement(45082..45234)], ycf3 [complement(45966..46193)], ycf3 [complement(46930..47055)], trnL-UAA [49644..49678], trnL-UAA [50170..50219], trnV-UAC [complement(54853..54889)], trnV-UAC [complement(55474..55512)], rps12 [complement(73623..73736)], rps12 [145389..145620], rps12 [146157..146182], clpP [complement(73888..74133)], clpP [complement(74763..75053)], clpP [complement(75835..75903)], petB [78789..78794], petB [79584..80225], rpl2 [complement(88149..88580)], rpl2 [complement(89239..89625)], ndhB [complement(98794..99549)], ndhB [complement(100250..101026)], trnI-GAU [106586..106627], trnI-GAU [107564..107598], trnA-UGC [107663..107700], trnA-UGC [108500..108534], ndhA [complement(125028..125567)], ndhA [complement(126647..127198)], trnA-UGC [complement(139528..139562)], trnA-UGC [complement(140362..140399)], trnI-GAU [complement(140464..140498)], trnI-GAU [complement(141435..141476)], ndhB [147036..147812], ndhB [148513..149268], rpl2 [158437..158823], rpl2 [159482..159913]	trnK-UUU [complement(1833..4323)], rps16 [complement(5225..6049)], trnG-UCC [10046..10814], atpF [complement(13199..13905)], rpoC1 [complement(23617..24338)], ycf3 [complement(45235..45965)], ycf3 [complement(46194..46929)], trnL-UAA [49679..50169], trnV-UAC [complement(54890..55473)], clpP [complement(74134..74762)], clpP [complement(75054..75834)], petB [78795..79583], rpl2 [complement(88581..89238)], ndhB [complement(99550..100249)], trnI-GAU [106628..107563], trnA-UGC [107701..108499], ndhA [complement(125568..126646)], trnA-UGC [complement(139563..140361)], trnI-GAU [complement(140499..141434)], ndhB [147813..148512], rpl2 [158824..159481]
2221.	MAC O	72	rps12 [complement(99420..99445)], rps12 [complement(99993..100224)], rps12 [complement(69521..69634)], trnK-UUU [complement(1359..1393)], trnK-UUU [complement(4243..4279)], rps16 [complement(4817..5061)], rps16 [complement(5881..5920)], trnG-UCC [8782..8804], trnG-UCC [9479..9526], atpF [complement(11470..11867)], atpF [complement(12836..12980)], rpoC1 [complement(20459..22075)], rpoC1 [complement(22830..23264)], ycf3 [complement(41975..42127)], ycf3 [complement(42877..43106)], ycf3	trnK-UUU [complement(1394..4242)], rps16 [complement(5062..5880)], trnG-UCC [8805..9478], atpF [complement(11868..12835)], rpoC1 [complement(22076..22829)], ycf3 [complement(42128..42876)], ycf3 [complement(43107..43824)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43825..43948)], trnL-UAA [46563..46597], trnL-UAA [47322..47371], trnV-UAC [complement(50337..50371)], trnV-UAC [complement(50955..50993)], rps12 [142157..142388], rps12 [142936..142961], clpP [complement(69768..70019)], clpP [complement(70642..70933)], clpP [complement(71852..71922)], petB [75632..75637], petB [76366..77007], petD [77205..77210], petD [78091..78576], rpl16 [complement(82142..82540)], rpl16 [complement(83796..83804)], rpl2 [complement(85761..86191)], rpl2 [complement(86856..87246)], ndhB [complement(96339..97094)], ndhB [complement(97794..98570)], trnI-GAU [104228..104264], trnI-GAU [105203..105237], trnA-UGC [105302..105339], trnA-UGC [106144..106178], ndhA [complement(121821..122359)], ndhA [complement(123462..124014)], trnA-UGC [complement(136203..136237)], trnA-UGC [complement(137042..137079)], trnI-GAU [complement(137144..137178)], trnI-GAU [complement(138117..138153)], ndhB [143811..144587], ndhB [145287..146042], rpl2 [155135..155525], rpl2 [156190..156620]	[46598..47321], trnV-UAC [complement(50372..50954)], clpP [complement(70020..70641)], clpP [complement(70934..71851)], petB [75638..76365], petD [77211..78090], rpl16 [complement(82541..83795)], rpl2 [complement(86192..86855)], ndhB [complement(97095..97793)], trnI-GAU [104265..105202], trnA-UGC [105340..106143], ndhA [complement(122360..123461)], trnA-UGC [complement(136238..137041)], trnI-GAU [complement(137179..138116)], ndhB [144588..145286], rpl2 [155526..156189]
2222.	MAC R	67	rps12 [complement(100811..100836)], rps12 [complement(101373..101604)], rps12 [complement(72562..72675)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4419..4455)], rps16 [complement(5328..5523)], rps16 [complement(6357..6397)], trnG-UCC [9515..9537], trnG-UCC [10239..10286], atpF [complement(12236..12645)], atpF [complement(13363..13507)], rpoC1 [complement(21565..23181)], rpoC1 [complement(23933..24364)], ycf3 [complement(44496..44648)], ycf3 [complement(45388..45615)], ycf3 [complement(46348..46473)], trnL-UAA [49376..49412], trnL-UAA [49949..49998], trnV-UAC [complement(53305..53339)], trnV-UAC [complement(53938..53975)], rps12 [complement(72562..72675)], rps12 [143768..143999], rps12 [144536..144561], clpP [complement(72804..73031)], clpP [complement(73689..73980)], clpP [complement(74803..74873)], petB [77840..77845], petB [78638..79279], petD [79463..79470], petD [80280..80754], rpl16 [complement(84259..84657)], rpl16 [complement(85773..85781)], ndhB [complement(97766..98521)], ndhB	trnK-UUU [complement(1844..4418)], rps16 [complement(5524..6356)], trnG-UCC [9538..10238], atpF [complement(12646..13362)], rpoC1 [complement(23182..23932)], ycf3 [complement(44649..45387)], ycf3 [complement(45616..46347)], trnL-UAA [49413..49948], trnV-UAC [complement(53340..53937)], clpP [complement(73032..73688)], clpP [complement(73981..74802)], petB [77846..78637], petD [79471..80279], rpl16 [complement(84658..85772)], ndhB [complement(98522..99198)], trnI-GAU [105559..106492], trnA-UGC [106629..107429], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(99199..99975)], trnI-GAU [105522..105558], trnI-GAU [106493..106527], trnA-UGC [106591..106628], trnA-UGC [107430..107464], ndhA [complement(123391..123929)], ndhA [complement(125027..125579)], trnA-UGC [complement(137908..137942)], trnA-UGC [complement(138744..138781)], trnI-GAU [complement(138845..138879)], trnI-GAU [complement(139814..139850)], ndhB [145397..146173], ndhB [146851..147606]	[complement(123930..125026)], trnA-UGC [complement(137943..138743)], trnI-GAU [complement(138880..139813)], ndhB [146174..146850]
2223.	MAD A	67	rps12 [complement(101887..101912)], rps12 [complement(102449..102680)], rps12 [complement(73626..73739)], trnK-UUU [complement(1795..1829)], trnK-UUU [complement(4320..4356)], rps16 [complement(5002..5220)], rps16 [complement(6045..6086)], trnG-UCC [10031..10054], trnG-UCC [10824..10871], atpF [complement(12797..13207)], atpF [complement(13915..14058)], rpoC1 [complement(22001..23624)], rpoC1 [complement(24347..24780)], ycf3 [complement(45091..45243)], ycf3 [complement(45974..46201)], ycf3 [complement(46939..47064)], trnL-UAA [49646..49680], trnL-UAA [50172..50221], trnV-UAC [complement(54850..54886)], trnV-UAC [complement(55471..55509)], rps12 [complement(73626..73739)], rps12 [145493..145724], rps12 [146261..146286], clpP [complement(73891..74136)], clpP [complement(74768..75058)], clpP [complement(75840..75908)], petB [78795..78800], petB [79590..80231], rpl2 [complement(88156..88587)], rpl2 [complement(89246..89632)], ndhB [complement(98801..99556)], ndhB [complement(100257..101033)], trnI-GAU [106593..106634], trnI-GAU [107571..107605], trnA-UGC [107670..107707], trnA-UGC [108507..108541], ndhA [complement(125041..125580)], ndhA [complement(126661..127212)], trnA-UGC [complement(139632..139666)], trnA-UGC [complement(140466..140503)], trnI-GAU [complement(140568..140602)], trnI-GAU [complement(141539..141580)], ndhB [147140..147916], ndhB [148617..149372], rpl2 [158541..158927], rpl2 [159586..160017]	trnK-UUU [complement(1830..4319)], rps16 [complement(5221..6044)], trnG-UCC [10055..10823], atpF [complement(13208..13914)], rpoC1 [complement(23625..24346)], ycf3 [complement(45244..45973)], ycf3 [complement(46202..46938)], trnL-UAA [49681..50171], trnV-UAC [complement(54887..55470)], clpP [complement(74137..74767)], clpP [complement(75059..75839)], petB [78801..79589], rpl2 [complement(88588..89245)], ndhB [complement(99557..100256)], trnI-GAU [106635..107570], trnA-UGC [107708..108506], ndhA [complement(125581..126660)], trnA-UGC [complement(139667..140465)], trnI-GAU [complement(140603..141538)], ndhB [147917..148616], rpl2 [158928..159585]
2224.	MAD E	21	-	trnK-UUU [complement(1837..4327)], rps16 [complement(5226..6048)], trnG-UCC [10035..10802], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(13184..13892)], rpoC1 [complement(23630..24363)], ycf3 [complement(45231..45959)], ycf3 [complement(46188..46924)], trnL-UAA [49698..50188], trnV-UAC [complement(54894..55477)], clpP [complement(74147..74775)], clpP [complement(75067..75850)], petB [78811..79594], rpl2 [complement(88595..89255)], ndhB [complement(99564..100263)], trnI-GAU [106641..107576], trnA-UGC [107714..108512], ndhA [complement(125604..126678)], trnA-UGC [complement(139643..140441)], trnI-GAU [complement(140579..141514)], ndhB [147892..148591], rpl2 [158900..159560]
2225.	MADI	78	rps12 [complement(99632..99657)], rps12 [complement(100200..100431)], rps12 [complement(71259..71372)], trnK-UUU [complement(1364..1398)], trnK-UUU [complement(3978..4014)], rps16 [complement(4643..4855)], rps16 [complement(5741..5782)], trnG-UCC [9732..9755], trnG-UCC [10459..10506], atpF [complement(12433..12843)], atpF [complement(13650..13793)], rpoC1 [complement(21256..22887)], rpoC1 [complement(23615..24049)], ycf3 [complement(42730..42882)], ycf3 [complement(43621..43848)], ycf3 [complement(44595..44720)], trnL-UAA [47586..47620], trnL-UAA [48153..48202], trnV-UAC [complement(52680..52714)], trnV-UAC [complement(53311..53349)], rps12 [142048..142276], rps12 [142819..142844], clpP [complement(71504..71755)], clpP [complement(72390..72681)], clpP [complement(73498..73568)], petB [76455..76460], petB [77217..77864], petD [78087..78092], petD [78839..79345], rpl16 [complement(82813..83211)], rpl16 [complement(84278..84286)], rpl2 [complement(86134..86565)], rpl2	trnK-UUU [complement(1399..3977)], rps16 [complement(4856..5740)], trnG-UCC [9756..10458], atpF [complement(12844..13649)], rpoC1 [complement(22888..23614)], ycf3 [complement(42883..43620)], ycf3 [complement(43849..44594)], trnL-UAA [47621..48152], trnV-UAC [complement(52715..53310)], clpP [complement(71756..72389)], clpP [complement(72682..73497)], petB [76461..77216], petD [78093..78838], rpl16 [complement(83212..84277)], rpl2 [complement(86566..87226)], ndhB [complement(97401..98094)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87227..87613)], ndhB [complement(96645..97400)], ndhB [complement(98095..98871)], trnI-GAU [104330..104366], trnI-GAU [105308..105342], ycf68 [104471..104512], ycf68 [104544..104858], trnA-UGC [105407..105444], trnA-UGC [106269..106303], ndhA [complement(121961..122500)], ndhA [complement(123582..124139)], trnA-UGC [complement(136173..136207)], trnA-UGC [complement(137032..137070)], trnI-GAU [complement(137134..137168)], trnI-GAU [complement(138110..138146)], ycf68 [complement(137618..137932)], ycf68 [complement(137964..138005)], ndhB [143605..144381], ndhB [145076..145831], rpl2 [154863..155249], rpl2 [155911..156342]	[104367..105307], ycf68 [104513..104543], trnA-UGC [105445..106268], ndhA [complement(122501..123581)], trnA-UGC [complement(136208..137031)], trnI-GAU [complement(137169..138109)], ycf68 [complement(137933..137963)], ndhB [144382..145075], rpl2 [155250..155910]
2226.	MAD U	67	rps12 [complement(101909..101934)], rps12 [complement(102471..102702)], rps12 [complement(73659..73772)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4324..4360)], rps16 [complement(5004..5222)], rps16 [complement(6047..6088)], trnG-UCC [10032..10055], trnG-UCC [10823..10870], atpF [complement(12795..13205)], atpF [complement(13913..14056)], rpoC1 [complement(22003..23626)], rpoC1 [complement(24349..24782)], ycf3 [complement(45088..45240)], ycf3 [complement(45970..46197)], ycf3 [complement(46932..47057)], trnL-UAA [49674..49708], trnL-UAA [50200..50249], trnV-UAC [complement(54877..54913)], trnV-UAC [complement(55498..55536)], rps12 [complement(73659..73772)], rps12 [145472..145703], rps12 [146240..146265], clpP [complement(73924..74169)], clpP [complement(74798..75088)], clpP [complement(75871..75939)], petB [78826..78831], petB [79616..80257], rpl2 [complement(88178..88609)], rpl2 [complement(89268..89654)], ndhB [complement(98823..99578)], ndhB [complement(100279..101055)], trnI-GAU [106620..106661], trnI-GAU [107597..107631], trnA-UGC [107696..107733], trnA-UGC [108533..108567], ndhA [complement(125072..125611)], ndhA [complement(126688..127239)], trnA-UGC [complement(139607..139641)], trnA-UGC [complement(140441..140478)], trnI-GAU [complement(140543..140577)], trnI-GAU [complement(141513..141554)], ndhB [147119..147895], ndhB	trnK-UUU [complement(1833..4323)], rps16 [complement(5223..6046)], trnG-UCC [10056..10822], atpF [complement(13206..13912)], rpoC1 [complement(23627..24348)], ycf3 [complement(45241..45969)], ycf3 [complement(46198..46931)], trnL-UAA [49709..50199], trnV-UAC [complement(54914..55497)], clpP [complement(74170..74797)], clpP [complement(75089..75870)], petB [78832..79615], rpl2 [complement(88610..89267)], ndhB [complement(99579..100278)], trnI-GAU [106662..107596], trnA-UGC [107734..108532], ndhA [complement(125612..126687)], trnA-UGC [complement(139642..140440)], trnI-GAU [complement(140578..141512)], ndhB [147896..148595], rpl2 [158907..159564]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[148596..149351], rpl2 [158520..158906], rpl2 [159565..159996]	
2227.	MAES	38	rps12 [complement(74362..74475)], trnK-UUU [complement(1751..1785)], trnK-UUU [complement(4319..4355)], trnG-GCC [9498..9520], trnG-GCC [10203..10250], trnV-UAC [complement(54220..54256)], trnV-UAC [complement(54859..54897)], rps12 [complement(74362..74475)], rps12 [147294..147319], trnI-GAU [108030..108071], trnI-GAU [108978..109012], trnA-UGC [109077..109114], trnA-UGC [109942..109976], trnA-UGC [complement(140733..140767)], trnA-UGC [complement(141595..141632)], trnI-GAU [complement(141694..141731)], trnI-GAU [complement(142638..142679)]	trnK-UUU [complement(1786..4318)], rps16 [complement(5414..6315)], trnG-GCC [9521..10202], rpoC1 [complement(23382..24157)], ycf3 [complement(45457..46119)], ycf3 [complement(46348..47071)], trnV-UAC [complement(54257..54858)], clpP [complement(74909..75602)], clpP [complement(75894..76734)], petB [79722..80490], petD [81348..82176], rpl16 [complement(86681..87739)], rpl2 [complement(89959..90631)], ndhB [complement(101095..101776)], trnI-GAU [108072..108977], trnA-UGC [109115..109941], ndhA [complement(126637..127759)], trnA-UGC [complement(140768..141594)], trnI-GAU [complement(141732..142637)], ndhB [148933..149614], rpl2 [160078..160750]
2228.	MAFL	72	rps12 [complement(99110..99135)], rps12 [complement(99687..99915)], rps12 [complement(70656..70769)], trnK-UUU [complement(1414..1448)], trnK-UUU [complement(4170..4206)], rps16 [complement(4920..5140)], rps16 [complement(6014..6053)], trnG-UCC [8663..8685], trnG-UCC [9393..9440], atpF [complement(11368..11778)], atpF [complement(12626..12769)], rpoC1 [complement(20605..22225)], rpoC1 [complement(22979..23406)], ycf3 [complement(42263..42421)], ycf3 [complement(43157..43385)], ycf3 [complement(44114..44238)], trnL-UAA [46948..46982], trnL-UAA [47490..47539], trnV-UAC [complement(52283..52319)], trnV-UAC [complement(52909..52947)], rps12 [141817..142045], rps12 [142597..142622], clpP [complement(70899..71150)], clpP [complement(71810..72101)], clpP [complement(72932..73002)], petB	trnK-UUU [complement(1449..4169)], rps16 [complement(5141..6013)], trnG-UCC [8686..9392], atpF [complement(11779..12625)], rpoC1 [complement(22226..22978)], ycf3 [complement(42422..43156)], ycf3 [complement(43386..44113)], trnL-UAA [46983..47489], trnV-UAC [complement(52320..52908)], clpP [complement(71151..71809)], clpP [complement(72102..72931)], petB [75942..76727], petD [77597..78333], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75936..75941], petB [76728..77375], petD [77589..77596], petD [78334..78847], rpl16 [complement(82325..82723)], rpl16 [complement(83960..83968)], rpl2 [complement(85898..86328)], rpl2 [complement(86991..87381)], ndhB [complement(96044..96799)], ndhB [complement(97504..98280)], trnI-GAU [103898..103939], trnI-GAU [104877..104911], trnA-UGC [104976..105013], trnA-UGC [105815..105849], ndhA [complement(121420..121958)], ndhA [complement(123061..123613)], trnA-UGC [complement(135883..135917)], trnA-UGC [complement(136719..136756)], trnI-GAU [complement(136821..136855)], trnI-GAU [complement(137793..137834)], ndhB [143452..144228], ndhB [144933..145688], rpl2 [154351..154741], rpl2 [155404..155834]	[complement(82724..83959)], rpl2 [complement(86329..86990)], ndhB [complement(96800..97503)], trnI-GAU [103940..104876], trnA-UGC [105014..105814], ndhA [complement(121959..123060)], trnA-UGC [complement(135918..136718)], trnI-GAU [complement(136856..137792)], ndhB [144229..144932], rpl2 [154742..155403]
2229.	MAFO	67	rps12 [complement(99399..99641)], rps12 [complement(69843..69956)], trnK-UUU [complement(1748..1782)], trnK-UUU [complement(4372..4408)], trnV-UAC [9593..9631], trnV-UAC [10230..10264], rpoC1 [17876..18307], rpoC1 [19081..20703], atpF [28146..28298], atpF [29047..29463], trnG-UCC [complement(31693..31741)], trnG-UCC [complement(32441..32463)], trnL-UAA [35972..36006], trnL-UAA [36514..36563], ycf3 [complement(52211..52363)], ycf3 [complement(53112..53339)], ycf3 [complement(54095..54220)], rps12 [140041..140283], clpP [complement(70126..70353)], clpP [complement(71004..71295)], clpP [complement(72120..72190)], petB [75168..75173], petB [76018..76659], petD [76807..76814], petD [77548..78019], rpl16 [complement(81947..82345)], rpl16 [complement(83465..83473)], rpl2 [complement(85215..85649)], rpl2 [complement(86343..86732)], ndhB [complement(95781..96536)], ndhB [complement(97228..97950)], trnI-GAU [103573..103609], trnI-GAU [104571..104605], trnA-UGC [104665..104702], trnA-UGC [105529..105563], ndhA [complement(119839..120378)], ndhA [complement(121592..122143)], trnA-UGC [complement(134119..134153)], trnA-UGC [complement(134980..135017)], trnI-GAU [complement(135077..135111)], trnI-GAU [complement(136073..136109)], ndhB [141732..142454], ndhB [143146..143901], rpl2 [152950..153339], rpl2 [154033..154467]	trnK-UUU [complement(1783..4371)], trnV-UAC [9632..10229], rpoC1 [18308..19080], atpF [28299..29046], trnG-UCC [complement(31742..32440)], trnL-UAA [36007..36513], ycf3 [complement(52364..53111)], ycf3 [complement(53340..54094)], clpP [complement(70354..71003)], clpP [complement(71296..72119)], petB [75174..76017], petD [76815..77547], rpl16 [complement(82346..83464)], rpl2 [complement(85650..86342)], ndhB [complement(96537..97227)], trnI-GAU [103610..104570], trnA-UGC [104703..105528], ndhA [complement(120379..121591)], trnA-UGC [complement(134154..134979)], trnI-GAU [complement(135112..136072)], ndhB [142455..143145], rpl2 [153340..154032]
2230.	MAFR	48	rps12 [complement(101529..101554)], rps12 [complement(102096..102327)],	trnK-UUU [complement(1828..4323)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(73061..73174)], trnK-UUU [complement(1805..1827)], trnK-UUU [complement(4324..4360)], trnG-GCC [9106..9128], trnG-GCC [9837..9873], atpF [complement(12435..12845)], rpoC1 [complement(21841..23451)], ycf3 [complement(45264..45416)], trnL-UAA [50550..50586], trnL-UAA [51101..51150], trnV-UAC [complement(54611..54647)], trnV-UAC [complement(55240..55276)], rps12 [complement(73061..73174)], rps12 [145005..145236], rps12 [145778..145803], trnI-GAU [106127..106168], trnI-GAU [107112..107146], trnA-UGC [107211..107248], trnA-UGC [108056..108090], trnA-UGC [complement(139242..139275)], trnA-UGC [complement(140083..140121)], trnI-GAU [complement(140243..140277)], trnI-GAU [complement(141221..141262)]	[complement(5576..6466)], trnG-GCC [9129..9836], atpF [complement(12846..13572)], rpoC1 [complement(23452..24193)], ycf3 [complement(45417..46161)], ycf3 [complement(46390..47097)], trnL-UAA [50587..51100], trnV-UAC [complement(54648..55239)], clpP [complement(73567..74188)], clpP [complement(74480..75302)], petB [78315..79108], petD [79952..80672], rpl16 [complement(85090..86070)], rpl2 [complement(88288..88970)], ndhB [complement(99242..99910)], trnI-GAU [106169..107111], trnA-UGC [107249..108055], ndhA [complement(125060..126178)], trnA-UGC [complement(139276..140082)], trnI-GAU [complement(140278..141220)], ndhB [147422..148090], rpl2 [158362..159044]
2231.	MAG A	56	rps12 [complement(103495..103520)], rps12 [complement(104057..104288)], rps12 [complement(74251..74364)], trnK-UUU [complement(1808..1842)], trnK-UUU [complement(4404..4440)], trnG-GCC [8280..8302], trnG-GCC [9028..9073], atpF [complement(11797..12207)], atpF [complement(13012..13155)], rpoC1 [complement(21443..23053)], rpoC1 [complement(23851..24282)], ycf3 [complement(45537..45689)], ycf3 [complement(46395..46622)], ycf3 [complement(47360..47485)], trnL-UAA [49778..49814], trnL-UAA [50390..50438], trnV-UAC [complement(54543..54579)], trnV-UAC [complement(55187..55225)], rps12 [complement(74251..74364)], rps12 [147831..148062], rps12 [148599..148624], clpP [complement(74529..74754)], clpP [complement(75378..75670)], clpP [complement(76544..76612)], petB	trnG-GCC [8303..9027], trnL-UAA [49815..50389], trnV-UAC [complement(54580..55186)], clpP [complement(74755..75377)], clpP [complement(75671..76543)], trnI-GAU [108329..109275], trnI-GAU [complement(142844..143790)], rpl2 [161341..162015]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79605..79610], petB [80444..81085], petD [81280..81287], petD [82096..82570], rpl16 [complement(86336..86734)], rpl16 [complement(87811..87819)], rpl2 [complement(89675..90109)], rpl2 [complement(90785..91183)], ndhB [complement(100434..101189)], ndhB [complement(101878..102654)], trnI-GAU [108287..108328], trnI-GAU [109276..109310], trnA-UGC [109375..109412], trnA-UGC [110221..110255], ndhA [complement(127053..127592)], ndhA [complement(128791..129360)], trnA-UGC [complement(141864..141898)], trnA-UGC [complement(142707..142744)], trnI-GAU [complement(142809..142843)], trnI-GAU [complement(143791..143832)], ndhB [149465..150241], ndhB [150930..151685], rpl2 [160942..161340], rpl2 [162016..162450]	
2232.	MAG L	56	rps12 [complement(103124..103149)], rps12 [complement(103686..103917)], rps12 [complement(73882..73995)], trnK-UUU [complement(1892..1926)], trnK-UUU [complement(4488..4524)], trnG-GCC [8212..8234], trnG-GCC [8960..9005], atpF [complement(11675..12085)], atpF [complement(12888..13031)], rpoC1 [complement(21325..22935)], rpoC1 [complement(23732..24163)], ycf3 [complement(45120..45272)], ycf3 [complement(45978..46205)], ycf3 [complement(46942..47067)], trnL-UAA [49363..49399], trnL-UAA [49961..50009], trnV-UAC [complement(54126..54162)], trnV-UAC [complement(54770..54808)], rps12 [complement(73882..73995)], rps12 [147447..147678], rps12 [148215..148240], clpP [complement(74160..74385)], clpP [complement(75009..75301)], clpP [complement(76164..76232)], petB [79223..79228], petB [80064..80705], petD [80900..80907], petD [81716..82190], rpl16 [complement(85955..86353)], rpl16 [complement(87429..87437)], rpl2 [complement(89293..89727)], rpl2 [complement(90403..90801)], ndhB [complement(100063..100818)], ndhB [complement(101507..102283)], trnI-GAU [107916..107957], trnI-GAU [108905..108939], trnA-UGC [109004..109041], trnA-UGC [109850..109884], ndhA [complement(126687..127226)], ndhA [complement(128425..128994)], trnA-UGC [complement(141480..141514)], trnA-UGC [complement(142323..142360)], trnI-GAU [complement(142425..142459)],	trnG-GCC [8235..8959], trnL-UAA [49400..49960], trnV-UAC [complement(54163..54769)], clpP [complement(74386..75008)], clpP [complement(75302..76163)], trnI-GAU [107958..108904], trnI-GAU [complement(142460..143406)], rpl2 [160962..161636]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(143407..143448)], ndhB [149081..149857], ndhB [150546..151301], rpl2 [160563..160961], rpl2 [161637..162071]	
2233.	MAG M	70	rps12 [complement(97667..97909)], rps12 [complement(69412..69525)], trnK-UUU [complement(1731..1766)], trnK-UUU [complement(4393..4430)], rps16 [complement(4997..5223)], rps16 [complement(6065..6104)], rpoC1 [16123..16554], rpoC1 [17288..18916], atpF [26886..27030], atpF [27707..28116], trnG-UCC [complement(30140..30187)], trnG-UCC [complement(30931..30953)], ycf3 [complement(42039..42191)], ycf3 [complement(42971..43200)], ycf3 [complement(43909..44032)], trnL-UAA [46931..46967], trnL-UAA [47434..47483], trnV-UAC [complement(51028..51064)], trnV-UAC [complement(51640..51677)], rps12 [138616..138858], clpP [complement(69700..69927)], clpP [complement(70534..70827)], clpP [complement(71655..71723)], petB [74665..74670], petB [75440..76081], petD [76276..76283], petD [76988..77465], rpl16 [complement(80911..81318)], rpl16 [complement(82372..82380)], rpl2 [complement(84060..84494)], rpl2 [complement(85163..85549)], ndhB [complement(94097..94852)], ndhB [complement(95530..96306)], trnI-GAU [101851..101893], trnI-GAU [102668..102702], trnA-UGC [102767..102804], trnA-UGC [103631..103665], ndhA [115333..115885], ndhA [116938..117476], trnA-UGC [complement(132860..132894)], trnA-UGC [complement(133721..133758)], trnI-GAU [complement(133823..133857)], trnI-GAU [complement(134632..134674)], ndhB [140219..141010], ndhB [141685..142428], rpl2 [150976..151366], rpl2 [152032..152465]	trnK-UUU [complement(1767..4392)], rps16 [complement(5224..6064)], rpoC1 [16555..17287], atpF [27031..27706], trnG-UCC [complement(30188..30930)], ycf3 [complement(42192..42970)], ycf3 [complement(43201..43908)], trnL-UAA [46968..47433], trnV-UAC [complement(51065..51639)], clpP [complement(69928..70533)], clpP [complement(70828..71654)], petB [74671..75439], petD [76284..76987], rpl16 [complement(81319..82371)], rpl2 [complement(84495..85162)], ndhB [complement(94853..95529)], trnI-GAU [101894..102667], trnA-UGC [102805..103630], ndhA [115886..116937], trnA-UGC [complement(132895..133720)], trnI-GAU [complement(133858..134631)], ndhB [141011..141684], rpl2 [151367..152031]
2234.	MAG N	70	rps12 [complement(97709..97951)], rps12 [complement(69434..69547)], trnK-UUU [complement(1731..1766)], trnK-UUU [complement(4370..4407)], rps16 [complement(4974..5200)], rps16 [complement(6040..6079)], rpoC1 [16114..16545], rpoC1 [17277..18905], atpF [26906..27050], atpF [27737..28146], trnG-UCC [complement(30163..30210)], trnG-UCC [complement(30948..30970)], ycf3 [complement(42059..42211)], ycf3 [complement(42991..43220)], ycf3 [complement(43930..44053)], trnL-UAA [46946..46982], trnL-UAA [47444..47493], trnV-UAC	trnK-UUU [complement(1767..4369)], rps16 [complement(5201..6039)], rpoC1 [16546..17276], atpF [27051..27736], trnG-UCC [complement(30211..30947)], ycf3 [complement(42212..42990)], ycf3 [complement(43221..43929)], trnL-UAA [46983..47443], trnV-UAC [complement(51090..51664)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51053..51089)], trnV-UAC [complement(51665..51702)], rps12 [138640..138882], clpP [complement(69722..69949)], clpP [complement(70556..70849)], clpP [complement(71676..71744)], petB [74670..74675], petB [75445..76086], petD [76281..76288], petD [76993..77470], rpl16 [complement(80919..81326)], rpl16 [complement(82380..82388)], rpl2 [complement(84092..84526)], rpl2 [complement(85195..85581)], ndhB [complement(94139..94894)], ndhB [complement(95572..96348)], trnI-GAU [101893..101935], trnI-GAU [102709..102743], trnA-UGC [102808..102845], trnA-UGC [103670..103704], ndhA [115364..115916], ndhA [116969..117507], trnA-UGC [complement(132887..132921)], trnA-UGC [complement(133746..133783)], trnI-GAU [complement(133848..133882)], trnI-GAU [complement(134656..134698)], ndhB [140243..141034], ndhB [141709..142452], rpl2 [151010..151400], rpl2 [152066..152499]	[complement(69950..70555)], clpP [complement(70850..71675)], petB [74676..75444], petD [76289..76992], rpl16 [complement(81327..82379)], rpl2 [complement(84527..85194)], ndhB [complement(94895..95571)], trnI-GAU [101936..102708], trnA-UGC [102846..103669], ndhA [115917..116968], trnA-UGC [complement(132922..133745)], trnI-GAU [complement(133883..134655)], ndhB [141035..141708], rpl2 [151401..152065]
2235.	MAG R	27	rps12 [complement(73289..73402)], trnK-UUU [complement(1807..1841)], trnK-UUU [complement(4332..4368)], rps12 [complement(73289..73402)], rps12 [145813..145842], ndhB [complement(99911..100685)]	trnK-UUU [complement(1842..4331)], rps16 [complement(5224..6052)], trnG-UCC [10035..10801], atpF [complement(13189..13894)], rpoC1 [complement(23651..24384)], ycf3 [complement(44964..45694)], ycf3 [complement(45923..46656)], trnL-UAA [49370..49859], trnV-UAC [complement(54562..55145)], clpP [complement(73800..74430)], clpP [complement(74722..75499)], petB [78459..79242], rpl2 [complement(88240..88900)], ndhB [complement(99208..99910)], trnI-GAU [106290..107225], trnA-UGC [107363..108160], ndhA [complement(125237..126314)], trnA-UGC [139221..140018], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[140157..141091], ndhB [147473..148172], rpl2 [158481..159141]
2236.	MAG U	67	rps12 [complement(101886..101911)], rps12 [complement(102448..102679)], rps12 [complement(73627..73740)], trnK-UUU [complement(1795..1829)], trnK-UUU [complement(4322..4358)], rps16 [complement(5004..5222)], rps16 [complement(6048..6089)], trnG-UCC [10035..10058], trnG-UCC [10828..10875], atpF [complement(12800..13210)], atpF [complement(13919..14062)], rpoC1 [complement(22006..23629)], rpoC1 [complement(24352..24785)], ycf3 [complement(45088..45240)], ycf3 [complement(45971..46198)], ycf3 [complement(46933..47058)], trnL-UAA [49646..49680], trnL-UAA [50172..50221], trnV-UAC [complement(54855..54891)], trnV-UAC [complement(55476..55514)], rps12 [complement(73627..73740)], rps12 [145475..145706], rps12 [146243..146268], clpP [complement(73892..74137)], clpP [complement(74768..75058)], clpP [complement(75841..75909)], petB [78795..78800], petB [79590..80231], rpl2 [complement(88155..88586)], rpl2 [complement(89245..89631)], ndhB [complement(98800..99555)], ndhB [complement(100256..101032)], trnI-GAU [106592..106633], trnI-GAU [107570..107604], trnA-UGC [107669..107706], trnA-UGC [108506..108540], ndhA [complement(125051..125590)], ndhA [complement(126670..127221)], trnA-UGC [complement(139614..139648)], trnA-UGC [complement(140448..140485)], trnI-GAU [complement(140550..140584)], trnI-GAU [complement(141521..141562)], ndhB [147122..147898], ndhB [148599..149354], rpl2 [158523..158909], rpl2 [159568..159999]	trnK-UUU [complement(1830..4321)], rps16 [complement(5223..6047)], trnG-UCC [10059..10827], atpF [complement(13211..13918)], rpoC1 [complement(23630..24351)], ycf3 [complement(45241..45970)], ycf3 [complement(46199..46932)], trnL-UAA [49681..50171], trnV-UAC [complement(54892..55475)], clpP [complement(74138..74767)], clpP [complement(75059..75840)], petB [78801..79589], rpl2 [complement(88587..89244)], ndhB [complement(99556..100255)], trnI-GAU [106634..107569], trnA-UGC [107707..108505], ndhA [complement(125591..126669)], trnA-UGC [complement(139649..140447)], trnI-GAU [complement(140585..141520)], ndhB [147899..148598], rpl2 [158910..159567]
2237.	MAH U	41	rps12 [complement(73514..73627)], trnK-UUU [complement(1751..1785)], trnK-UUU [complement(4283..4319)], trnG-UCC [9138..9160], trnG-UCC [9859..9906], trnL-UAA [50788..50824], trnL-UAA [51339..51388], trnV-UAC [complement(54928..54964)], trnV-UAC [complement(55557..55595)], rps12 [146195..146220], trnI-GAU [106610..106651], trnI-GAU [107595..107629], trnA-UGC [107694..107731], trnA-UGC [108539..108573], trnA-UGC [complement(139659..139693)], trnA-UGC [complement(140501..140538)], trnI-GAU [complement(140603..140637)],	trnK-UUU [complement(1786..4282)], rps16 [complement(5519..6382)], trnG-UCC [9161..9858], atpF [complement(12981..13717)], rpoC1 [complement(23627..24367)], ycf3 [complement(45743..46486)], ycf3 [complement(46715..47422)], trnL-UAA [50825..51338], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(141581..141622)]	[complement(54965..55556)], clpP [complement(74020..74646)], clpP [complement(74939..75764)], petB [78779..79575], petD [80416..81139], rpl16 [complement(85560..86542)], rpl2 [complement(88792..89477)], ndhB [complement(99725..100393)], trnI-GAU [106652..107594], trnA-UGC [107732..108538], ndhA [complement(125486..126619)], trnA-UGC [complement(139694..140500)], trnI-GAU [complement(140638..141580)], ndhB [147839..148507], rpl2 [158755..159440]
2238.	MAIC	64	trnK [complement(1809..1844)], trnK [complement(4411..4447)], atpF [complement(11479..11888)], atpF [complement(12594..12738)], rpoC1 [complement(20142..21752)], rpoC1 [complement(22525..22956)], ycf3 [complement(41976..42128)], ycf3 [complement(42914..43141)], ycf3 [complement(43859..43984)], trnL [46529..46563], trnL [47078..47127], trnV [complement(50525..50559)], trnV [complement(51169..51207)], rps12 [complement(69070..69183)], rps12 [139325..139556], rps12 [140094..140119], clpP [complement(69367..69594)], clpP [complement(70170..70461)], clpP [complement(71374..71444)], petB [74411..74416], petB [75195..75836], petD [76034..76041], petD [76759..77233], rpl16 [complement(80525..80923)], rpl16 [complement(82042..82050)], rpl2 [complement(83783..84217)], rpl2 [complement(84900..85289)], ndhB [complement(94339..95100)], ndhB [complement(95786..96193)], trnE [102189..102220], trnE [102925..102964], trnA [103029..103065], trnA [103867..103902], ndhA [complement(119274..119803)], ndhA [complement(120901..121453)], trnA [complement(133607..133642)], trnA [complement(134444..134480)], trnE [complement(134545..134584)], trnE [complement(135289..135320)], ndhB [140947..141723], ndhB [142409..143170], rpl2 [152220..152609], rpl2	trnK [complement(1845..4410)], atpF [complement(11889..12593)], rpoC1 [complement(21753..22524)], ycf3 [complement(42129..42913)], ycf3 [complement(43142..43858)], trnL [46564..47077], trnV [complement(50560..51168)], clpP [complement(69595..70169)], clpP [complement(70462..71373)], petB [74417..75194], petD [76042..76758], rpl16 [complement(80924..82041)], rpl2 [complement(84218..84899)], ndhB [complement(95101..95785)], trnE [102221..102924], trnA [103066..103866], ndhA [complement(119804..120900)], trnA [complement(133643..134443)], trnE [complement(134585..135288)], ndhB [141724..142408], rpl2 [152610..153291]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[153292..153726]	
2239.	MAID	70	rps12 [complement(100390..100415)], rps12 [complement(100955..101186)], rps12 [complement(72170..72283)], trnK-UUU [complement(1719..1753)], trnK-UUU [complement(4336..4372)], rps16 [complement(5256..5482)], rps16 [complement(6362..6401)], trnG-UCC [10062..10084], trnG-UCC [10805..10852], atpF [complement(12858..13267)], atpF [complement(14025..14169)], rpoC1 [complement(21976..23586)], rpoC1 [complement(24358..24789)], ycf3 [36181..36304], ycf3 [37038..37267], ycf3 [38049..38201], trnL-UAA [50356..50390], trnL-UAA [50850..50899], trnV-UAC [complement(54060..54094)], trnV-UAC [complement(54683..54721)], rps12 [complement(72170..72283)], rps12 [143268..143499], rps12 [144039..144064], clpP [complement(72435..72662)], clpP [complement(73289..73580)], clpP [complement(74295..74365)], petB [77290..77295], petB [78089..78730], petD [78955..78962], petD [79714..80188], rpl16 [complement(83678..84076)], rpl16 [complement(85180..85188)], rpl2 [complement(86847..87280)], rpl2 [complement(87946..88336)], ndhB [complement(97332..98087)], ndhB [complement(98769..99545)], trnI-GAU [105059..105095], trnI-GAU [106056..106090], trnA-UGC [106155..106192], trnA-UGC [107034..107068], ndhA [complement(122733..123271)], ndhA [complement(124408..124960)], trnA-UGC [complement(137386..137420)], trnA-UGC [complement(138262..138299)], trnI-GAU [complement(138364..138398)], trnI-GAU [complement(139359..139395)], ndhB [144909..145685], ndhB [146367..147122]	trnK-UUU [complement(1754..4335)], rps16 [complement(5483..6361)], trnG-UCC [10085..10804], atpF [complement(13268..14024)], rpoC1 [complement(23587..24357)], ycf3 [36305..37037], ycf3 [37268..38048], trnL-UAA [50391..50849], trnV-UAC [complement(54095..54682)], clpP [complement(72663..73288)], clpP [complement(73581..74294)], petB [77296..78088], petD [78963..79713], rpl16 [complement(84077..85179)], rpl2 [complement(87281..87945)], ndhB [complement(98088..98768)], trnI-GAU [105096..106055], trnA-UGC [106193..107033], ndhA [complement(123272..124407)], trnA-UGC [complement(137421..138261)], trnI-GAU [complement(138399..139358)], ndhB [145686..146366]
2240.	MAIN	29	rps12 [complement(73498..73611)], atpF [complement(13217..13603)], trnL-UAA [50451..50485], trnL-UAA [50978..51026], rps12 [145935..145960], rpl2 [complement(88148..88580)], ndhB [complement(98771..99526)], rpl2 [159225..159658]	trnK-UUU [complement(1815..4307)], rps16 [complement(5525..6353)], trnG-UCC [10539..11207], atpF [complement(13604..14405)], rpoC1 [complement(24240..24966)], ycf3 [complement(46343..47072)], ycf3 [complement(47301..48034)], trnL-UAA [50486..50977], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(54345..54923)], clpP [complement(74025..74676)], clpP [complement(74971..75745)], petB [78689..79469], rpl2 [complement(88581..89259)], ndhB [complement(99527..100226)], trnI-GAU [106627..107462], trnA-UGC [107600..108399], ndhA [complement(125396..126497)], trnA-UGC [complement(139409..140208)], trnI-GAU [complement(140346..141181)], ndhB [147582..148281], rpl2 [158549..159224]
2241.	MAIS	67	rps12 [complement(101983..102008)], rps12 [complement(102545..102776)], rps12 [complement(73714..73827)], trnK-UUU [complement(1801..1835)], trnK-UUU [complement(4326..4362)], rps16 [complement(5010..5228)], rps16 [complement(6042..6083)], trnG-UCC [10045..10068], trnG-UCC [10840..10887], atpF [complement(12809..13219)], atpF [complement(13927..14070)], rpoC1 [complement(22052..23696)], rpoC1 [complement(24419..24852)], ycf3 [complement(45118..45270)], ycf3 [complement(46002..46229)], ycf3 [complement(46971..47096)], trnL-UAA [49706..49740], trnL-UAA [50232..50281], trnV-UAC [complement(54899..54935)], trnV-UAC [complement(55520..55558)], rps12 [complement(73714..73827)], rps12 [145537..145768], rps12 [146305..146330], clpP [complement(73979..74224)], clpP [complement(74855..75145)], clpP [complement(75928..75996)], petB [78882..78887], petB [79672..80313], rpl2 [complement(88252..88683)], rpl2 [complement(89342..89728)], ndhB [complement(98897..99652)], ndhB [complement(100353..101129)], trnI-GAU [106688..106729], trnI-GAU [107666..107700], trnA-UGC [107765..107802], trnA-UGC [108602..108636], ndhA [complement(125147..125686)], ndhA [complement(126762..127313)], trnA-UGC [complement(139677..139711)], trnA-UGC [complement(140511..140548)], trnI-GAU [complement(140613..140647)],	trnK-UUU [complement(1836..4325)], rps16 [complement(5229..6041)], trnG-UCC [10069..10839], atpF [complement(13220..13926)], rpoC1 [complement(23697..24418)], ycf3 [complement(45271..46001)], ycf3 [complement(46230..46970)], trnL-UAA [49741..50231], trnV-UAC [complement(54936..55519)], clpP [complement(74225..74854)], clpP [complement(75146..75927)], petB [78888..79671], rpl2 [complement(88684..89341)], ndhB [complement(99653..100352)], trnI-GAU [106730..107665], trnA-UGC [107803..108601], ndhA [complement(125687..126761)], trnA-UGC [complement(139712..140510)], trnI-GAU [complement(140648..141583)], ndhB [147961..148660], rpl2 [158972..159629]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(141584..141625)], ndhB [147184..147960], ndhB [148661..149416], rpl2 [158585..158971], rpl2 [159630..160061]	
2242.	MAKE	56	rps12 [complement(103196..103221)], rps12 [complement(103758..103989)], rps12 [complement(73989..74102)], trnK-UUU [complement(1837..1871)], trnK-UUU [complement(4433..4469)], trnG-GCC [8265..8287], trnG-GCC [9013..9058], atpF [complement(11702..12112)], atpF [complement(12897..13040)], rpoC1 [complement(21255..22865)], rpoC1 [complement(23662..24093)], ycf3 [complement(45305..45457)], ycf3 [complement(46164..46391)], ycf3 [complement(47128..47253)], trnL-UAA [49547..49583], trnL-UAA [50143..50191], trnV-UAC [complement(54326..54362)], trnV-UAC [complement(54970..55008)], rps12 [complement(73989..74102)], rps12 [147538..147769], rps12 [148306..148331], clpP [complement(74267..74492)], clpP [complement(75116..75408)], clpP [complement(76268..76336)], petB [79323..79328], petB [80164..80805], petD [81000..81007], petD [81816..82290], rpl16 [complement(86054..86452)], rpl16 [complement(87525..87533)], rpl2 [complement(89389..89823)], rpl2 [complement(90499..90897)], ndhB [complement(100136..100891)], ndhB [complement(101580..102356)], trnI-GAU [107988..108029], trnI-GAU [108977..109011], trnA-UGC [109076..109113], trnA-UGC [109922..109956], ndhA [complement(126766..127305)], ndhA [complement(128527..129096)], trnA-UGC [complement(141571..141605)], trnA-UGC [complement(142414..142451)], trnI-GAU [complement(142516..142550)], trnI-GAU [complement(143498..143539)], ndhB [149171..149947], ndhB [150636..151391], rpl2 [160594..160992], rpl2 [161668..162102]	trnG-GCC [8288..9012], trnL-UAA [49584..50142], trnV-UAC [complement(54363..54969)], clpP [complement(74493..75115)], clpP [complement(75409..76267)], trnI-GAU [108030..108976], trnI-GAU [complement(142551..143497)], rpl2 [160993..161667]
2243.	MAKI	55	rps12 [complement(98913..98938)], rps12 [complement(99474..99705)], rps12 [complement(71511..71624)], trnK-UUU [complement(2033..2067)], trnK-UUU [complement(4616..4652)], rps16 [complement(5309..5531)], rps16 [complement(6402..6442)], trnG-UCC [9138..9160], trnG-UCC [9884..9931], atpF [complement(11837..12246)], atpF [complement(13018..13162)], rpoC1 [complement(20756..22336)], rpoC1 [complement(23119..23550)], ycf3 [complement(43356..43508)], ycf3 [complement(44260..44487)], ycf3	trnK-UUU [complement(2068..4615)], rps16 [complement(5532..6401)], trnG-UCC [9161..9883], atpF [complement(12247..13017)], rpoC1 [complement(22337..23118)], ycf3 [complement(43509..44259)], ycf3 [complement(44488..45207)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45208..45333)], trnL-UAA [48647..48683], trnL-UAA [49293..49342], trnV-UAC [complement(53016..53050)], trnV-UAC [complement(53659..53697)], clpP [complement(71773..72000)], clpP [complement(72615..72906)], clpP [complement(73804..73874)], petD [76561..76568], petD [79169..79643], petB [76847..76852], petB [77552..78193], rpl16 [complement(83006..83404)], rpl16 [complement(84394..84402)], ndhB [complement(95891..96646)], ndhB [complement(97306..98082)], trnI-GAU [103349..103385], trnI-GAU [104340..104374], trnA-UGC [104445..104482], trnA-UGC [105295..105329], ndhA [complement(121811..122349)], ndhA [complement(123454..124006)]	[48684..49292], trnV-UAC [complement(53051..53658)], clpP [complement(72001..72614)], clpP [complement(72907..73803)], petD [76569..79168], petB [76853..77551], rpl16 [complement(83405..84393)], ndhB [complement(96647..97305)], trnI-GAU [103386..104339], trnA-UGC [104483..105294], ndhA [complement(122350..123453)]
2244.	MAK O	67	rps12 [complement(101267..101296)], rps12 [complement(101834..102064)], rps12 [complement(73023..73136)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4322..4358)], rps16 [complement(5004..5222)], rps16 [complement(6047..6088)], trnG-UCC [10013..10036], trnG-UCC [10802..10849], atpF [complement(12774..13184)], atpF [complement(13893..14036)], rpoC1 [complement(22019..23642)], rpoC1 [complement(24365..24798)], ycf3 [complement(45099..45251)], ycf3 [complement(45983..46210)], ycf3 [complement(46953..47078)], trnL-UAA [49692..49726], trnL-UAA [50222..50271], trnV-UAC [complement(54896..54932)], trnV-UAC [complement(55517..55555)], rps12 [complement(73023..73136)], rps12 [144864..145094], rps12 [145631..145657], clpP [complement(73293..73538)], clpP [complement(74166..74456)], clpP [complement(75238..75306)], petB [78192..78197], petB [78982..79623], rpl2 [complement(87546..87977)], rpl2 [complement(88637..89023)], ndhB [complement(98185..98940)], ndhB [complement(99641..100417)], trnI-GAU [105977..106018], trnI-GAU [106955..106989], trnA-UGC [107054..107091], trnA-UGC [107891..107925], ndhA [complement(124468..125007)], ndhA [complement(126085..126636)], trnA-UGC [complement(139003..139037)], trnA-UGC [complement(139837..139874)], trnI-GAU [complement(139939..139973)], trnI-GAU [complement(140910..140951)], ndhB [146511..147287], ndhB [147988..148743], rpl2 [157905..158291], rpl2 [158951..159382]	trnK-UUU [complement(1833..4321)], rps16 [complement(5223..6046)], trnG-UCC [10037..10801], atpF [complement(13185..13892)], rpoC1 [complement(23643..24364)], ycf3 [complement(45252..45982)], ycf3 [complement(46211..46952)], trnL-UAA [49727..50221], trnV-UAC [complement(54933..55516)], clpP [complement(73539..74165)], clpP [complement(74457..75237)], petB [78198..78981], rpl2 [complement(87978..88636)], ndhB [complement(98941..99640)], trnI-GAU [106019..106954], trnA-UGC [107092..107890], ndhA [complement(125008..126084)], trnA-UGC [complement(139038..139836)], trnI-GAU [complement(139974..140909)], ndhB [147288..147987], rpl2 [158292..158950]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2245.	MAK W	66	rps12 [complement(101783..101812)], rps12 [complement(102350..102580)], rps12 [complement(73545..73658)], trnK-UUU [complement(1819..1853)], trnK-UUU [complement(4342..4378)], rps16 [complement(4984..5235)], rps16 [complement(6061..6102)], trnG-UCC [9991..10014], trnG-UCC [10782..10829], atpF [complement(12755..13165)], atpF [complement(13872..14015)], rpoC1 [complement(22007..23620)], rpoC1 [complement(24355..24786)], ycf3 [complement(44999..45151)], ycf3 [complement(45883..46110)], ycf3 [complement(46844..46969)], trnL-UAA [49566..49600], trnL-UAA [50085..50134], trnV-UAC [complement(54760..54796)], trnV-UAC [complement(55381..55419)], rps12 [145118..145348], rps12 [145885..145911], clpP [complement(73810..74055)], clpP [complement(74686..74976)], clpP [complement(75760..75828)], petB [78710..78715], petB [79500..80141], rpl2 [complement(88065..88496)], rpl2 [complement(89158..89541)], ndhB [complement(98701..99456)], ndhB [complement(100157..100933)], trnI-GAU [106487..106528], trnI-GAU [107457..107491], trnA-UGC [107556..107593], trnA-UGC [108374..108409], ndhA [complement(124834..125373)], ndhA [complement(126444..126995)], trnA-UGC [complement(139289..139324)], trnA-UGC [complement(140105..140142)], trnI-GAU [complement(140207..140241)], trnI-GAU [complement(141170..141211)], ndhB [146765..147541], ndhB [148242..148997], rpl2 [158157..158540], rpl2 [159202..159633]	trnK-UUU [complement(1854..4341)], rps16 [complement(5236..6060)], trnG-UCC [10015..10781], atpF [complement(13166..13871)], rpoC1 [complement(23621..24354)], ycf3 [complement(45152..45882)], ycf3 [complement(46111..46843)], trnL-UAA [49601..50084], trnV-UAC [complement(54797..55380)], clpP [complement(74056..74685)], clpP [complement(74977..75759)], petB [78716..79499], rpl2 [complement(88497..89157)], ndhB [complement(99457..100156)], trnI-GAU [106529..107456], trnA-UGC [107594..108373], ndhA [complement(125374..126443)], trnA-UGC [complement(139325..140104)], trnI-GAU [complement(140242..141169)], ndhB [147542..148241], rpl2 [158541..159201]
2246.	MAL A	67	rps12 [complement(101938..101963)], rps12 [complement(102500..102731)], rps12 [complement(73685..73798)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4323..4359)], rps16 [complement(5008..5226)], rps16 [complement(6051..6092)], trnG-UCC [10051..10074], trnG-UCC [10843..10890], atpF [complement(12815..13225)], atpF [complement(13937..14080)], rpoC1 [complement(22066..23689)], rpoC1 [complement(24412..24845)], ycf3 [complement(45114..45266)], ycf3 [complement(46000..46227)], ycf3 [complement(46967..47092)], trnL-UAA [49704..49738], trnL-UAA [50230..50279], trnV-UAC [complement(54898..54934)], trnV-UAC [complement(55519..55557)], rps12 [complement(73685..73798)], rps12 [145535..145766], rps12	trnK-UUU [complement(1833..4322)], rps16 [complement(5227..6050)], trnG-UCC [10075..10842], atpF [complement(13226..13936)], rpoC1 [complement(23690..24411)], ycf3 [complement(45267..45999)], ycf3 [complement(46228..46966)], trnL-UAA [49739..50229], trnV-UAC [complement(54935..55518)], clpP [complement(74196..74832)], clpP [complement(75124..75907)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146303..146328], clpP [complement(73950..74195)], clpP [complement(74833..75123)], clpP [complement(75908..75976)], petB [78862..78867], petB [79652..80293], rpl2 [complement(88207..88638)], rpl2 [complement(89297..89683)], ndhB [complement(98852..99607)], ndhB [complement(100308..101084)], trnI-GAU [106649..106690], trnI-GAU [107627..107661], trnA-UGC [107726..107763], trnA-UGC [108563..108597], ndhA [complement(125127..125666)], ndhA [complement(126743..127294)], trnA-UGC [complement(139669..139703)], trnA-UGC [complement(140503..140540)], trnI-GAU [complement(140605..140639)], trnI-GAU [complement(141576..141617)], ndhB [147182..147958], ndhB [148659..149414], rpl2 [158583..158969], rpl2 [159628..160059]	[78868..79651], rpl2 [complement(88639..89296)], ndhB [complement(99608..100307)], trnI-GAU [106691..107626], trnA-UGC [107764..108562], ndhA [complement(125667..126742)], trnA-UGC [complement(139704..140502)], trnI-GAU [complement(140640..141575)], ndhB [147959..148658], rpl2 [158970..159627]
2247.	MALE	70	rps12 [complement(97402..97644)], rps12 [complement(69132..69245)], trnK-UUU [complement(1730..1765)], trnK-UUU [complement(4360..4397)], rps16 [complement(4971..5197)], rps16 [complement(6041..6080)], rpoC1 [15807..16238], rpoC1 [16971..18599], atpF [26592..26736], atpF [27413..27822], trnG-UCC [complement(29842..29889)], trnG-UCC [complement(30632..30654)], ycf3 [complement(41753..41905)], ycf3 [complement(42685..42914)], ycf3 [complement(43624..43747)], trnL-UAA [46631..46667], trnL-UAA [47131..47180], trnV-UAC [complement(50745..50781)], trnV-UAC [complement(51357..51394)], rps12 [138331..138573], clpP [complement(69420..69647)], clpP [complement(70255..70548)], clpP [complement(71378..71446)], petB [74397..74402], petB [75172..75813], petD [76008..76015], petD [76720..77197], rpl16 [complement(80646..81053)], rpl16 [complement(82105..82113)], rpl2 [complement(83813..84247)], rpl2 [complement(84916..85302)], ndhB [complement(93832..94587)], ndhB [complement(95265..96041)], trnI-GAU [101586..101628], trnI-GAU [102403..102437], trnA-UGC [102502..102539], trnA-UGC [103366..103400], ndhA [115059..115611], ndhA [116664..117202], trnA-UGC [complement(132575..132609)], trnA-UGC [complement(133436..133473)], trnI-GAU [complement(133538..133572)], trnI-GAU [complement(134347..134389)], ndhB [139934..140725], ndhB	trnK-UUU [complement(1766..4359)], rps16 [complement(5198..6040)], rpoC1 [16239..16970], atpF [26737..27412], trnG-UCC [complement(29890..30631)], ycf3 [complement(41906..42684)], ycf3 [complement(42915..43623)], trnL-UAA [46668..47130], trnV-UAC [complement(50782..51356)], clpP [complement(69648..70254)], clpP [complement(70549..71377)], petB [74403..75171], petD [76016..76719], rpl16 [complement(81054..82104)], rpl2 [complement(84248..84915)], ndhB [complement(94588..95264)], trnI-GAU [101629..102402], trnA-UGC [102540..103365], ndhA [115612..116663], trnA-UGC [complement(132610..133435)], trnI-GAU [complement(133573..134346)], ndhB [140726..141399], rpl2 [151064..151728]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141400..142143], rpl2 [150673..151063], rpl2 [151729..152162]	
2248.	MALI	67	rps12 [complement(101926..101951)], rps12 [complement(102488..102719)], rps12 [complement(73658..73771)], trnK-UUU [complement(1802..1836)], trnK-UUU [complement(4326..4362)], rps16 [complement(5012..5230)], rps16 [complement(6054..6095)], trnG-UCC [10008..10031], trnG-UCC [10796..10843], atpF [complement(12767..13177)], atpF [complement(13888..14031)], rpoC1 [complement(22011..23634)], rpoC1 [complement(24357..24790)], ycf3 [complement(45088..45240)], ycf3 [complement(45969..46196)], ycf3 [complement(46936..47061)], trnL-UAA [49680..49714], trnL-UAA [50206..50255], trnV-UAC [complement(54872..54908)], trnV-UAC [complement(55493..55531)], rps12 [complement(73658..73771)], rps12 [143592..143823], rps12 [144360..144385], clpP [complement(73923..74168)], clpP [complement(74803..75093)], clpP [complement(75879..75947)], petB [78838..78843], petB [79616..80269], rpl2 [complement(88195..88626)], rpl2 [complement(89285..89671)], ndhB [complement(98840..99595)], ndhB [complement(100296..101072)], trnI-GAU [105691..105732], trnI-GAU [106669..106703], trnA-UGC [106768..106805], trnA-UGC [107605..107639], ndhA [complement(124159..124698)], ndhA [complement(125775..126326)], trnA-UGC [complement(138672..138706)], trnA-UGC [complement(139506..139543)], trnI-GAU [complement(139608..139642)], trnI-GAU [complement(140579..140620)], ndhB [145239..146015], ndhB [146716..147471], rpl2 [156640..157026], rpl2 [157685..158116]	trnK-UUU [complement(1837..4325)], rps16 [complement(5231..6053)], trnG-UCC [10032..10795], atpF [complement(13178..13887)], rpoC1 [complement(23635..24356)], ycf3 [complement(45241..45968)], ycf3 [complement(46197..46935)], trnL-UAA [49715..50205], trnV-UAC [complement(54909..55492)], clpP [complement(74169..74802)], clpP [complement(75094..75878)], petB [78844..79615], rpl2 [complement(88627..89284)], ndhB [complement(99596..100295)], trnI-GAU [105733..106668], trnA-UGC [106806..107604], ndhA [complement(124699..125774)], trnA-UGC [complement(138707..139505)], trnI-GAU [complement(139643..140578)], ndhB [146016..146715], rpl2 [157027..157684]
2249.	MAMA	67	rps12 [complement(101880..101905)], rps12 [complement(102442..102673)], rps12 [complement(73631..73744)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4324..4360)], rps16 [complement(5003..5221)], rps16 [complement(6044..6085)], trnG-UCC [10020..10043], trnG-UCC [10815..10862], atpF [complement(12784..13194)], atpF [complement(13901..14044)], rpoC1 [complement(22029..23652)], rpoC1 [complement(24375..24808)], ycf3 [complement(45098..45250)], ycf3 [complement(45982..46209)], ycf3 [complement(46951..47076)], trnL-UAA [49688..49722], trnL-UAA [50214..50263], trnV-UAC	trnK-UUU [complement(1833..4323)], rps16 [complement(5222..6043)], trnG-UCC [10044..10814], atpF [complement(13195..13900)], rpoC1 [complement(23653..24374)], ycf3 [complement(45251..45981)], ycf3 [complement(46210..46950)], trnL-UAA [49723..50213], trnV-UAC [complement(54929..55512)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54892..54928)], trnV-UAC [complement(55513..55551)], rps12 [complement(73631..73744)], rps12 [145418..145649], rps12 [146186..146211], clpP [complement(73896..74141)], clpP [complement(74770..75060)], clpP [complement(75841..75909)], petB [78794..78799], petB [79584..80225], rpl2 [complement(88149..88580)], rpl2 [complement(89239..89625)], ndhB [complement(98794..99549)], ndhB [complement(100250..101026)], trnI-GAU [106591..106632], trnI-GAU [107571..107605], trnA-UGC [107670..107707], trnA-UGC [108507..108541], ndhA [complement(125052..125591)], ndhA [complement(126663..127214)], trnA-UGC [complement(139550..139584)], trnA-UGC [complement(140384..140421)], trnI-GAU [complement(140486..140520)], trnI-GAU [complement(141459..141500)], ndhB [147065..147841], ndhB [148542..149297], rpl2 [158466..158852], rpl2 [159511..159942]	[complement(74142..74769)], clpP [complement(75061..75840)], petB [78800..79583], rpl2 [complement(88581..89238)], ndhB [complement(99550..100249)], trnI-GAU [106633..107570], trnA-UGC [107708..108506], ndhA [complement(125592..126662)], trnA-UGC [complement(139585..140383)], trnI-GAU [complement(140521..141458)], ndhB [147842..148541], rpl2 [158853..159510]
2250.	MAM C	73	rps12 [complement(102335..102360)], rps12 [complement(102902..103133)], rps12 [complement(73866..73979)], trnK-UUU [complement(1445..1479)], trnK-UUU [complement(3962..3998)], rps16 [complement(4792..5018)], rps16 [complement(5871..5910)], trnG-UCC [10154..10176], trnG-UCC [10864..10911], atpF [complement(12809..13218)], atpF [complement(13946..14090)], rpoC1 [complement(22002..23618)], rpoC1 [complement(24370..24822)], ycf3 [complement(45177..45329)], ycf3 [complement(46080..46307)], ycf3 [complement(47036..47161)], trnL-UAA [50182..50216], trnL-UAA [50734..50783], trnV-UAC [complement(55461..55495)], trnV-UAC [complement(56082..56120)], rps12 [complement(73866..73979)], rps12 [146059..146290], rps12 [146832..146857], clpP [complement(74144..74389)], clpP [complement(75028..75319)], clpP [complement(76155..76225)], petB [79126..79131], petB [79931..80572], petD [80766..80773], petD [81496..81991], rpl16 [complement(85447..85845)], rpl16 [complement(86859..86867)], rpl2 [complement(88584..89017)], rpl2 [complement(89678..90068)], ndhB [complement(99258..100013)], ndhB [complement(100714..101490)], trnI-GAU [107078..107114], trnI-GAU [108055..108089], trnA-UGC [108154..108191], trnA-UGC [108992..109026],	trnK-UUU [complement(1480..3961)], rps16 [complement(5019..5870)], trnG-UCC [10177..10863], atpF [complement(13219..13945)], rpoC1 [complement(23619..24369)], ycf3 [complement(45330..46079)], ycf3 [complement(46308..47035)], trnL-UAA [50217..50733], trnV-UAC [complement(55496..56081)], clpP [complement(74390..75027)], clpP [complement(75320..76154)], petB [79132..79930], petD [80774..81495], rpl16 [complement(85846..86858)], rpl2 [complement(89018..89677)], ndhB [complement(100014..100713)], trnI-GAU [107115..108054], trnA-UGC [108192..108991], ndhA [complement(126219..127284)], trnA-UGC [complement(140201..141000)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(125679..126218)], ndhA [complement(127285..127836)], trnA-UGC [complement(140166..140200)], trnA-UGC [complement(141001..141038)], trnI-GAU [complement(141103..141137)], trnI-GAU [complement(142078..142114)], ndhB [147702..148478], ndhB [149179..149934], rpl2 [159124..159514], rpl2 [160175..160608]	[complement(141138..142077)], ndhB [148479..149178], rpl2 [159515..160174]
2251.	MAMH	70	rps12 [complement(97707..97949)], rps12 [complement(69444..69557)], trnK-UUU [complement(1740..1775)], trnK-UUU [complement(4377..4414)], rps16 [complement(4976..5202)], rps16 [complement(6043..6082)], rpoC1 [16113..16544], rpoC1 [17278..18906], atpF [26918..27062], atpF [27739..28148], trnG-UCC [complement(30163..30210)], trnG-UCC [complement(30952..30974)], ycf3 [complement(42064..42216)], ycf3 [complement(42996..43225)], ycf3 [complement(43935..44058)], trnL-UAA [46945..46981], trnL-UAA [47443..47492], trnV-UAC [complement(51052..51088)], trnV-UAC [complement(51664..51701)], rps12 [138633..138875], clpP [complement(69732..69959)], clpP [complement(70570..70863)], clpP [complement(71691..71759)], petB [74683..74688], petB [75458..76099], petD [76294..76301], petD [77006..77483], rpl16 [complement(80929..81336)], rpl16 [complement(82388..82396)], rpl2 [complement(84100..84534)], rpl2 [complement(85203..85589)], ndhB [complement(94137..94892)], ndhB [complement(95570..96346)], trnI-GAU [101868..101910], trnI-GAU [102685..102719], trnA-UGC [102784..102821], trnA-UGC [103647..103681], ndhA [115335..115887], ndhA [116940..117478], trnA-UGC [complement(132901..132935)], trnA-UGC [complement(133761..133798)], trnI-GAU [complement(133863..133897)], trnI-GAU [complement(134672..134714)], ndhB [140236..141027], ndhB [141702..142445], rpl2 [150993..151383], rpl2 [152049..152482]	trnK-UUU [complement(1776..4376)], rps16 [complement(5203..6042)], rpoC1 [16545..17277], atpF [27063..27738], trnG-UCC [complement(30211..30951)], ycf3 [complement(42217..42995)], ycf3 [complement(43226..43934)], trnL-UAA [46982..47442], trnV-UAC [complement(51089..51663)], clpP [complement(69960..70569)], clpP [complement(70864..71690)], petB [74689..75457], petD [76302..77005], rpl16 [complement(81337..82387)], rpl2 [complement(84535..85202)], ndhB [complement(94893..95569)], trnI-GAU [101911..102684], trnA-UGC [102822..103646], ndhA [115888..116939], trnA-UGC [complement(132936..133760)], trnI-GAU [complement(133898..134671)], ndhB [141028..141701], rpl2 [151384..152048]
2252.	MAMI	73	rps12 [complement(101796..101821)], rps12 [complement(102363..102594)], rps12 [complement(73280..73393)], trnK-UUU [complement(1706..1740)], trnK-UUU [complement(4238..4274)], rps16 [complement(5260..5480)], rps16 [complement(6345..6384)], trnG-UCC [9097..9119], trnG-UCC [9818..9865], atpF [complement(12218..12628)], atpF [complement(13360..13503)], rpoC1	trnK-UUU [complement(1741..4237)], rps16 [complement(5481..6344)], trnG-UCC [9120..9817], atpF [complement(12629..13359)], rpoC1 [complement(23249..23989)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21638..23248)], rpoC1 [complement(23990..24424)], ycf3 [complement(45314..45466)], ycf3 [complement(46212..46439)], ycf3 [complement(47148..47273)], trnL-UAA [50504..50540], trnL-UAA [51055..51104], trnV-UAC [complement(54665..54701)], trnV-UAC [complement(55294..55331)], rps12 [complement(73280..73393)], rps12 [145191..145422], rps12 [145964..145989], clpP [complement(73558..73785)], clpP [complement(74414..74705)], clpP [complement(75525..75595)], petB [78533..78538], petB [79336..79977], petD [80168..80174], petD [80899..81374], rpl16 [complement(84940..85338)], rpl16 [complement(86327..86335)], rpl2 [complement(88141..88575)], rpl2 [complement(89262..89651)], ndhB [complement(98753..99508)], ndhB [complement(100178..100954)], trnI-GAU [106395..106435], trnI-GAU [107379..107414], trnA-UGC [107479..107515], trnA-UGC [108323..108358], ndhA [complement(124719..125258)], ndhA [complement(126387..126938)], trnA-UGC [complement(139427..139462)], trnA-UGC [complement(140270..140306)], tRNI-GAU [complement(140371..140406)], tRNI-GAU [complement(141350..141390)], ndhB [146831..147607], ndhB [148277..149032], rpl2 [158134..158523], rpl2 [159210..159644]	[complement(45467..46211)], ycf3 [complement(46440..47147)], trnL-UAA [50541..51054], trnV-UAC [complement(54702..55293)], clpP [complement(73786..74413)], clpP [complement(74706..75524)], petB [78539..79335], petD [80175..80898], rpl16 [complement(85339..86326)], rpl2 [complement(88576..89261)], ndhB [complement(99509..100177)], trnI-GAU [106436..107378], trnA-UGC [107516..108322], ndhA [complement(125259..126386)], trnA-UGC [complement(139463..140269)], tRNI-GAU [complement(140407..141349)], ndhB [147608..148276], rpl2 [158524..159209]
2253.	MAM O	65	trnK-UUU [complement(1669..1703)], trnK-UUU [complement(4180..4216)], rps16 [complement(5001..5215)], rps16 [complement(6123..6162)], trnG-UCC [complement(10743..10765)], trnG-UCC [complement(11578..11625)], atpF [complement(13598..14007)], atpF [complement(14753..14897)], rpoC1 [complement(22334..23947)], rpoC1 [complement(24654..25115)], ycf3 [complement(44540..44695)], ycf3 [complement(45422..45649)], ycf3 [complement(46363..46491)], trnL-UAG [49048..49082], trnL-UAG [49572..49621], trnV-UAC [complement(56299..56333)], trnV-UAC [complement(56867..56905)], rps12 [152512..152537], clpP [complement(74564..74809)], clpP [complement(75380..75671)], clpP [complement(76450..76499)], petB [79504..79509], petB [80265..80906], petD [81097..81104], petD [81829..82327], rpl16 [complement(85727..86134)], rpl16 [complement(87064..87072)], rpl2 [complement(88599..89029)], rpl2 [complement(89726..90125)], ndhB [complement(101512..102273)], ndhB	trnK-UUU [complement(1704..4179)], rps16 [complement(5216..6122)], trnG-UCC [complement(10766..11577)], atpF [complement(14008..14752)], rpoC1 [complement(23948..24653)], ycf3 [complement(44696..45421)], ycf3 [complement(45650..46362)], trnL-UAG [49083..49571], trnV-UAC [complement(56334..56866)], clpP [complement(74810..75379)], clpP [complement(75672..76449)], petB [79510..80264], petD [81105..81828], rpl16 [complement(86135..87063)], rpl2 [complement(89030..89725)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(103001..103723)], trnI-GAU [109369..109405], trnI-GAU [110345..110379], trnA-UGC [110448..110485], trnA-UGC [111265..111299], ndhA [complement(128012..128559)], ndhA [complement(129582..130140)], trnA-UGC [complement(145846..145880)], trnA-UGC [complement(146660..146697)], trnI-GAU [complement(146766..146800)], trnI-GAU [complement(147740..147776)], ndhB [153422..154144], ndhB [154872..155633]	[complement(102274..103000)], trnI-GAU [109406..110344], trnA-UGC [110486..111264], ndhA [complement(128560..129581)], trnA-UGC [complement(145881..146659)], trnI-GAU [complement(146801..147739)], ndhB [154145..154871]
2254.	MAO B	70	rps12 [complement(97585..97827)], rps12 [complement(69341..69454)], trnK-UUU [complement(1732..1767)], trnK-UUU [complement(4366..4403)], rps16 [complement(4974..5200)], rps16 [complement(6043..6082)], rpoC1 [16059..16490], rpoC1 [17222..18850], atpF [26845..26989], atpF [27666..28075], trnG-UCC [complement(30091..30138)], trnG-UCC [complement(30856..30878)], ycf3 [complement(41980..42132)], ycf3 [complement(42912..43141)], ycf3 [complement(43851..43974)], trnL-UAA [46863..46899], trnL-UAA [47361..47410], trnV-UAC [complement(50994..51030)], trnV-UAC [complement(51607..51644)], rps12 [138544..138786], clpP [complement(69629..69856)], clpP [complement(70459..70752)], clpP [complement(71576..71644)], petB [74563..74568], petB [75338..75979], petD [76174..76181], petD [76892..77369], rpl16 [complement(80819..81226)], rpl16 [complement(82280..82288)], rpl2 [complement(83996..84430)], rpl2 [complement(85099..85485)], ndhB [complement(94015..94770)], ndhB [complement(95448..96224)], trnI-GAU [101769..101811], trnI-GAU [102587..102621], trnA-UGC [102686..102723], trnA-UGC [103550..103584], ndhA [115254..115806], ndhA [116860..117398], trnA-UGC [complement(132787..132821)], trnA-UGC [complement(133648..133685)], trnI-GAU [complement(133750..133784)], trnI-GAU [complement(134560..134602)], ndhB [140147..140938], ndhB [141613..142356], rpl2 [150886..151276], rpl2 [151942..152375]	trnK-UUU [complement(1768..4365)], rps16 [complement(5201..6042)], rpoC1 [16491..17221], atpF [26990..27665], trnG-UCC [complement(30139..30855)], ycf3 [complement(42133..42911)], ycf3 [complement(43142..43850)], trnL-UAA [46900..47360], trnV-UAC [complement(51031..51606)], clpP [complement(69857..70458)], clpP [complement(70753..71575)], petB [74569..75337], petD [76182..76891], rpl16 [complement(81227..82279)], rpl2 [complement(84431..85098)], ndhB [complement(94771..95447)], trnI-GAU [101812..102586], trnA-UGC [102724..103549], ndhA [115807..116859], trnA-UGC [complement(132822..133647)], trnI-GAU [complement(133785..134559)], ndhB [140939..141612], rpl2 [151277..151941]
2255.	MAO D	67	rps12 [complement(101891..101916)], rps12 [complement(102453..102684)], rps12 [complement(73644..73757)], trnK-UUU [complement(1794..1828)], trnK-UUU [complement(4319..4355)], rps16 [complement(5000..5218)], rps16	trnK-UUU [complement(1829..4318)], rps16 [complement(5219..6043)], trnG-UCC [10071..10839], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6044..6085)], trnG-UCC [10047..10070], trnG-UCC [10840..10887], atpF [complement(12810..13220)], atpF [complement(13919..14062)], rpoC1 [complement(22038..23661)], rpoC1 [complement(24385..24818)], ycf3 [complement(45070..45222)], ycf3 [complement(45954..46181)], ycf3 [complement(46922..47047)], trnL-UAA [49656..49690], trnL-UAA [50182..50231], trnV-UAC [complement(54853..54889)], trnV-UAC [complement(55474..55512)], rps12 [complement(73644..73757)], rps12 [145485..145716], rps12 [146253..146278], clpP [complement(73909..74154)], clpP [complement(74782..75072)], clpP [complement(75858..75926)], petB [78812..78817], petB [79602..80243], rpl2 [complement(88160..88591)], rpl2 [complement(89250..89636)], ndhB [complement(98805..99560)], ndhB [complement(100261..101037)], trnI-GAU [106602..106643], trnI-GAU [107580..107614], trnA-UGC [107679..107716], trnA-UGC [108516..108550], ndhA [complement(125096..125635)], ndhA [complement(126713..127264)], trnA-UGC [complement(139619..139653)], trnA-UGC [complement(140453..140490)], trnI-GAU [complement(140555..140589)], trnI-GAU [complement(141526..141567)], ndhB [147132..147908], ndhB [148609..149364], rpl2 [158533..158919], rpl2 [159578..160009]	[complement(13221..13918)], rpoC1 [complement(23662..24384)], ycf3 [complement(45223..45953)], ycf3 [complement(46182..46921)], trnL-UAA [49691..50181], trnV-UAC [complement(54890..55473)], clpP [complement(74155..74781)], clpP [complement(75073..75857)], petB [78818..79601], rpl2 [complement(88592..89249)], ndhB [complement(99561..100260)], trnI-GAU [106644..107579], trnA-UGC [107717..108515], ndhA [complement(125636..126712)], trnA-UGC [complement(139654..140452)], trnI-GAU [complement(140590..141525)], ndhB [147909..148608], rpl2 [158920..159577]
2256.	MAO F	26	rps12 [complement(73717..73830)], trnK-UUU [complement(1822..1856)], trnK-UUU [complement(4355..4391)], rps12 [complement(73717..73830)], rps12 [146362..146391]	trnK-UUU [complement(1857..4354)], rps16 [complement(5259..6082)], trnG-GCC [10090..10859], atpF [complement(13249..13957)], rpoC1 [complement(23708..24447)], ycf3 [complement(45328..46056)], ycf3 [complement(46285..47017)], trnL-UAA [49790..50280], trnV-UAC [complement(54976..55559)], clpP [complement(74228..74856)], clpP [complement(75148..75933)], petB [78895..79678], rpl2 [complement(88716..89364)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(99673..100372)], trnI-GAU [106749..107685], trnA-UGC [107823..108622], ndhA [complement(125729..126810)], trnA-UGC [complement(139772..140571)], trnI-GAU [complement(140709..141645)], ndhB [148022..148721], rpl2 [159030..159690]
2257.	MAO L	22	rps12 [complement(89991..90019)], rps12 [complement(90569..90800)], rps12 [complement(61342..61455)], ycf3 [complement(35157..35306)], ycf3 [complement(36039..36273)], ycf3 [complement(37001..37134)], rps12 [110638..110869], rps12 [111419..111447], rpl2 [complement(76429..76898)], rpl2 [complement(77529..77922)], trnA-UGC [95867..95904], trnA-UGC [96710..96744], trnA-UGC [complement(104694..104728)], trnA-UGC [complement(105534..105571)], rpl2 [123516..123906], rpl2 [124540..125009]	ycf3 [complement(35307..36038)], ycf3 [complement(36274..37000)], rpl2 [complement(76899..77528)], trnA-UGC [95905..96709], trnA-UGC [complement(104729..105533)], rpl2 [123907..124539]
2258.	MAO O	67	rps12 [complement(101451..101476)], rps12 [complement(102014..102245)], rps12 [complement(73220..73333)], trnK-UUU [complement(1792..1826)], trnK-UUU [complement(4320..4356)], rps16 [complement(4999..5217)], rps16 [complement(6044..6085)], trnG-UCC [10007..10030], trnG-UCC [10802..10849], atpF [complement(12777..13187)], atpF [complement(13898..14041)], rpoC1 [complement(22022..23645)], rpoC1 [complement(24368..24801)], ycf3 [complement(44825..44977)], ycf3 [complement(45711..45938)], ycf3 [complement(46675..46800)], trnL-UAA [49410..49444], trnL-UAA [49936..49985], trnV-UAC [complement(54453..54489)], trnV-UAC [complement(55074..55112)], rps12 [complement(73220..73333)], rps12 [144980..145211], rps12 [145749..145774], clpP [complement(73485..73730)], clpP [complement(74362..74652)], clpP [complement(75434..75502)], petB [78388..78393], petB [79183..79824], rpl2 [complement(87750..88181)], rpl2 [complement(88840..89226)], ndhB [complement(98365..99120)], ndhB [complement(99821..100597)], trnI-GAU [106157..106198], trnI-GAU [107126..107160], trnA-UGC [107225..107262], trnA-UGC [108062..108096], ndhA [complement(124625..125164)], ndhA [complement(126240..126791)],	trnK-UUU [complement(1827..4319)], rps16 [complement(5218..6043)], trnG-UCC [10031..10801], atpF [complement(13188..13897)], rpoC1 [complement(23646..24367)], ycf3 [complement(44978..45710)], ycf3 [complement(45939..46674)], trnL-UAA [49445..49935], trnV-UAC [complement(54490..55073)], clpP [complement(73731..74361)], clpP [complement(74653..75433)], petB [78394..79182], rpl2 [complement(88182..88839)], ndhB [complement(99121..99820)], trnI-GAU [106199..107125], trnA-UGC [107263..108061], ndhA [complement(125165..126239)], trnA-UGC [complement(139164..139962)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(139129..139163)], trnA-UGC [complement(139963..140000)], trnI-GAU [complement(140065..140099)], trnI-GAU [complement(141027..141068)], ndhB [146628..147404], ndhB [148105..148860], rpl2 [157999..158385], rpl2 [159044..159475]	[complement(140100..141026)], ndhB [147405..148104], rpl2 [158386..159043]
2259.	MAP A	45	rps12 [79231..79344], rps12 [50937..51167], rps12 [51704..51730], rps12 [complement(7785..8014)], rps12 [complement(7221..7248)], trnI-GAU [11889..11930], trnI-GAU [12870..12904], trnA-UGC [12969..13006], trnA-UGC [13805..13839], trnA-UGC [complement(45112..45146)], trnA-UGC [complement(45945..45982)], trnI-GAU [complement(46047..46081)], trnI-GAU [complement(47021..47062)], petD [complement(71321..71801)], clpP [78839..79084], trnV-UAC [97523..97561], trnV-UAC [98148..98184], trnL-UAA [complement(102678..102727)], trnL-UAA [complement(103207..103241)], trnG-UCC [complement(141519..141566)], trnG-UCC [complement(142329..142352)], trnK-UUU [148266..148302], trnK-UUU [150816..150850]	ndhB [complement(4893..5594)], trnI-GAU [11931..12869], trnA-UGC [13007..13804], ndhA [26751..27874], trnA-UGC [complement(45147..45944)], trnI-GAU [complement(46082..47020)], ndhB [53357..54058], rpl2 [63686..64358], rpl16 [66520..67487], petD [complement(71802..72511)], petB [complement(73359..74147)], clpP [77102..77891], clpP [78184..78838], trnV-UAC [97562..98147], trnL-UAA [complement(102728..103206)], ycf3 [106092..106824], ycf3 [107054..107783], rpoC1 [128468..129184], atpF [138484..139206], trnG-UCC [complement(141567..142328)], rps16 [146378..147217], trnK-UUU [148303..150815]
2260.	MAPI	72	rps12 [complement(98929..98954)], rps12 [complement(99502..99733)], rps12 [complement(68995..69108)], trnK-UUU [complement(1382..1407)], trnK-UUU [complement(4263..4299)], rps16 [complement(4833..5081)], rps16 [complement(6004..6039)], trnG-GCC [complement(8917..8939)], trnG-GCC [complement(9646..9682)], atpF [complement(11672..12070)], atpF [complement(12991..13158)], rpoC1 [complement(20269..21885)], rpoC1 [complement(22640..23095)], ycf3 [complement(41296..41448)], ycf3 [complement(42200..42427)], ycf3 [complement(43147..43272)], trnL-UAA [45881..45915], trnL-UAA [46661..46710], trnV-UAC [complement(49762..49798)], trnV-UAC [complement(50372..50410)], rps12	trnK-UUU [complement(1408..4262)], rps16 [complement(5082..6003)], trnG-GCC [complement(8940..9645)], atpF [complement(12071..12990)], rpoC1 [complement(21886..22639)], ycf3 [complement(41449..42199)], ycf3 [complement(42428..43146)], trnL-UAA [45916..46660], trnV-UAC [complement(49799..50371)], clpP [complement(69494..70138)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141261..141492], rps12 [142040..142065], clpP [complement(69242..69493)], clpP [complement(70139..70429)], clpP [complement(71345..71413)], petB [75597..75602], petB [75837..76478], petD [76676..76683], petD [77559..78042], rpl16 [complement(81617..82015)], rpl16 [complement(83299..83307)], rpl2 [complement(85267..85695)], rpl2 [complement(86357..86743)], ndhB [complement(95848..96603)], ndhB [complement(97303..98079)], trnI-GAU [103747..103788], trnI-GAU [104722..104756], trnA-UGC [104821..104858], trnA-UGC [105660..105694], ndhA [complement(121010..121549)], ndhA [complement(122658..123209)], trnA-UGC [complement(135300..135334)], trnA-UGC [complement(136136..136173)], trnI-GAU [complement(136238..136272)], trnI-GAU [complement(137206..137247)], ndhB [142915..143691], ndhB [144391..145146], rpl2 [154251..154637], rpl2 [155299..155727]	[complement(70430..71344)], petB [75603..75836], petD [76684..77558], rpl16 [complement(82016..83298)], rpl2 [complement(85696..86356)], ndhB [complement(96604..97302)], trnI-GAU [103789..104721], trnA-UGC [104859..105659], ndhA [complement(121550..122657)], trnA-UGC [complement(135335..136135)], trnI-GAU [complement(136273..137205)], ndhB [143692..144390], rpl2 [154638..155298]
2261.	MAPR	73	rps12 [complement(101965..101990)], rps12 [complement(102532..102763)], rps12 [complement(73472..73585)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4234..4270)], rps16 [complement(5256..5476)], rps16 [complement(6339..6378)], trnG-UCC [9098..9120], trnG-UCC [9819..9866], atpF [complement(12487..12897)], atpF [complement(13629..13772)], rpoC1 [complement(21907..23517)], rpoC1 [complement(24259..24693)], ycf3 [complement(45533..45685)], ycf3 [complement(46432..46659)], ycf3 [complement(47368..47493)], trnL-UAA [50760..50796], trnL-UAA [51311..51360], trnV-UAC [complement(54874..54910)], trnV-UAC [complement(55503..55540)], rps12 [complement(73472..73585)], rps12 [145398..145629], rps12 [146171..146196], clpP [complement(73750..73977)], clpP [complement(74606..74897)], clpP [complement(75723..75793)], petB [78731..78736], petB [79534..80175], petD [80366..80372], petD [81097..81572], rpl16 [complement(85138..85536)], rpl16 [complement(86529..86537)], rpl2 [complement(88310..88744)], rpl2 [complement(89431..89820)], ndhB [complement(98922..99677)], ndhB [complement(100347..101123)], trnI-GAU [106569..106609], trnI-GAU [107553..107588], trnA-UGC [107653..107689], trnA-UGC [108497..108532], ndhA [complement(124900..125439)], ndhA [complement(126590..127141)],	trnK-UUU [complement(1737..4233)], rps16 [complement(5477..6338)], trnG-UCC [9121..9818], atpF [complement(12898..13628)], rpoC1 [complement(23518..24258)], ycf3 [complement(45686..46431)], ycf3 [complement(46660..47367)], trnL-UAA [50797..51310], trnV-UAC [complement(54911..55502)], clpP [complement(73978..74605)], clpP [complement(74898..75722)], petB [78737..79533], petD [80373..81096], rpl16 [complement(85537..86528)], rpl2 [complement(88745..89430)], ndhB [complement(99678..100346)], trnI-GAU [106610..107552], trnA-UGC [107690..108496], ndhA [complement(125440..126589)], trnA-UGC [complement(139665..140471)], tRNI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(139629..139664)], trnA-UGC [complement(140472..140508)], tRNI-GAU [complement(140573..140608)], tRNI-GAU [complement(141552..141592)], ndhB [147038..147814], ndhB [148484..149239], rpl2 [158341..158730], rpl2 [159417..159851]	[complement(140609..141551)], ndhB [147815..148483], rpl2 [158731..159416]
2262.	MAPT	41	rps12 [complement(73685..73798)], trnK-UUU [complement(1704..1738)], trnK-UUU [complement(4236..4272)], trnG-UCC [9095..9117], trnG-UCC [9816..9863], trnL-UAA [50917..50953], trnL-UAA [51468..51517], trnV-UAC [complement(55070..55106)], trnV-UAC [complement(55699..55737)], rps12 [146369..146394], trnI-GAU [106800..106841], trnI-GAU [107785..107819], trnA-UGC [107884..107921], trnA-UGC [108729..108763], trnA-UGC [complement(139832..139866)], trnA-UGC [complement(140674..140711)], tRNI-GAU [complement(140776..140810)], tRNI-GAU [complement(141754..141795)]	trnK-UUU [complement(1739..4235)], rps16 [complement(5479..6342)], trnG-UCC [9118..9815], atpF [complement(12961..13691)], rpoC1 [complement(23581..24321)], ycf3 [complement(45880..46624)], ycf3 [complement(46853..47560)], trnL-UAA [50954..51467], trnV-UAC [complement(55107..55698)], clpP [complement(74191..74818)], clpP [complement(75111..75929)], petB [78944..79740], petD [80581..81304], rpl16 [complement(85744..86731)], rpl2 [complement(88981..89666)], ndhB [complement(99914..100582)], trnI-GAU [106842..107784], trnA-UGC [107922..108728], ndhA [complement(125664..126791)], trnA-UGC [complement(139867..140673)], tRNI-GAU [complement(140811..141753)], ndhB [148013..148681], rpl2 [158929..159614]
2263.	MAP U	46	rps12 [complement(97520..97545)], rps12 [complement(98082..98313)], rps12 [complement(69832..69945)], rps16 [complement(4953..5177)], rps16 [complement(6050..6097)], atpF [complement(12059..12468)], atpF [complement(13170..13314)], rpoC1 [complement(21223..22847)], rpoC1 [complement(23627..24059)], ycf3 [complement(42056..42205)], ycf3 [complement(42922..43156)], ycf3 [complement(43859..43992)], clpP [complement(70074..70301)], clpP [complement(70927..71218)], clpP	rps16 [complement(5178..6049)], atpF [complement(12469..13169)], rpoC1 [complement(22848..23626)], ycf3 [complement(42206..42921)], ycf3 [complement(43157..43858)], clpP [complement(70302..70926)], clpP [complement(71219..71975)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71976..72046)], petB [74949..74955], petB [75678..76321], petD [76516..76523], petD [77238..77712], rpl16 [complement(81166..81564)], rpl16 [complement(82453..82461)], rpl2 [complement(84136..84605)], rpl2 [complement(85227..85620)], ndhB [complement(94509..95264)], ndhB [complement(95855..96724)], ndhA [complement(118608..119146)], ndhA [complement(120227..120782)], ndhB [140460..141326], ndhB [141920..142675], rpl2 [151564..151954], rpl2 [152579..153048]	[74956..75677], petD [76524..77237], rpl16 [complement(81565..82452)], rpl2 [complement(84606..85226)], ndhB [complement(95265..95854)], ndhA [complement(119147..120226)], ndhB [141327..141919], rpl2 [151955..152578]
2264.	MAP Y	67	rps12 [complement(101836..101861)], rps12 [complement(102398..102629)], rps12 [complement(73592..73705)], trnK-UUU [complement(1788..1822)], trnK-UUU [complement(4313..4349)], rps16 [complement(4998..5216)], rps16 [complement(6042..6083)], trnG-UCC [10008..10031], trnG-UCC [10803..10850], atpF [complement(12776..13186)], atpF [complement(13915..14058)], rpoC1 [complement(22039..23626)], rpoC1 [complement(24381..24814)], ycf3 [complement(45097..45249)], ycf3 [complement(45979..46206)], ycf3 [complement(46944..47069)], trnL-UAA [49717..49751], trnL-UAA [50243..50292], trnV-UAC [complement(54804..54840)], trnV-UAC [complement(55425..55463)], rps12 [complement(73592..73705)], rps12 [145440..145671], rps12 [146208..146233], clpP [complement(73857..74102)], clpP [complement(74733..75023)], clpP [complement(75804..75872)], petB [78759..78764], petB [79549..80190], rpl2 [complement(88105..88536)], rpl2 [complement(89195..89581)], ndhB [complement(98750..99505)], ndhB [complement(100206..100982)], trnI-GAU [106553..106594], trnI-GAU [107531..107565], trnA-UGC [107630..107667], trnA-UGC [108467..108501], ndhA [complement(125023..125562)], ndhA [complement(126638..127189)], trnA-UGC [complement(139568..139602)], trnA-UGC [complement(140402..140439)], trnI-GAU [complement(140504..140538)], trnI-GAU [complement(141475..141516)], ndhB [147087..147863], ndhB [148564..149319], rpl2 [158488..158874], rpl2 [159533..159964]	trnK-UUU [complement(1823..4312)], rps16 [complement(5217..6041)], trnG-UCC [10032..10802], atpF [complement(13187..13914)], rpoC1 [complement(23627..24380)], ycf3 [complement(45250..45978)], ycf3 [complement(46207..46943)], trnL-UAA [49752..50242], trnV-UAC [complement(54841..55424)], clpP [complement(74103..74732)], clpP [complement(75024..75803)], petB [78765..79548], rpl2 [complement(88537..89194)], ndhB [complement(99506..100205)], trnI-GAU [106595..107530], trnA-UGC [107668..108466], ndhA [complement(125563..126637)], trnA-UGC [complement(139603..140401)], trnI-GAU [complement(140539..141474)], ndhB [147864..148563], rpl2 [158875..159532]
2265.	MAR A	70	rps12 [complement(97874..98116)], rps12 [complement(69489..69602)], trnK-UUU [complement(1731..1766)], trnK-UUU [complement(4361..4398)], rps16 [complement(4964..5190)], rps16 [complement(6034..6073)], rpoC1	trnK-UUU [complement(1767..4360)], rps16 [complement(5191..6033)], rpoC1 [16602..17333], atpF [27094..27769], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[16170..16601], rpoC1 [17334..18962], atpF [26949..27093], atpF [27770..28179], trnG-UCC [complement(30199..30246)], trnG-UCC [complement(30988..31010)], ycf3 [complement(42104..42256)], ycf3 [complement(43036..43265)], ycf3 [complement(43974..44097)], trnL-UAA [46981..47017], trnL-UAA [47479..47528], trnV-UAC [complement(51119..51155)], trnV-UAC [complement(51731..51768)], rps12 [138790..139032], clpP [complement(69777..70004)], clpP [complement(70610..70903)], clpP [complement(71716..71784)], petB [74710..74715], petB [75485..76126], petD [76321..76328], petD [77033..77510], rpl16 [complement(80957..81364)], rpl16 [complement(82403..82411)], rpl2 [complement(84267..84701)], rpl2 [complement(85370..85756)], ndhB [complement(94304..95059)], ndhB [complement(95737..96513)], trnI-GAU [102058..102100], trnI-GAU [102875..102909], trnA-UGC [102974..103011], trnA-UGC [103837..103871], ndhA [115520..116072], ndhA [117125..117663], trnA-UGC [complement(133035..133069)], trnA-UGC [complement(133895..133932)], trnI-GAU [complement(133997..134031)], trnI-GAU [complement(134806..134848)], ndhB [140393..141184], ndhB [141859..142602], rpl2 [151150..151540], rpl2 [152206..152639]	UCC [complement(30247..30987)], ycf3 [complement(42257..43035)], ycf3 [complement(43266..43973)], trnL-UAA [47018..47478], trnV-UAC [complement(51156..51730)], clpP [complement(70005..70609)], clpP [complement(70904..71715)], petB [74716..75484], petD [76329..77032], rpl16 [complement(81365..82402)], rpl2 [complement(84702..85369)], ndhB [complement(95060..95736)], trnI-GAU [102101..102874], trnA-UGC [103012..103836], ndhA [116073..117124], trnA-UGC [complement(133070..133894)], trnI-GAU [complement(134032..134805)], ndhB [141185..141858], rpl2 [151541..152205]
2266.	MAS A	67	rps12 [complement(101929..101954)], rps12 [complement(102491..102722)], rps12 [complement(73679..73792)], trnK-UUU [complement(1801..1835)], trnK-UUU [complement(4326..4362)], rps16 [complement(5009..5227)], rps16 [complement(6052..6093)], trnG-UCC [10017..10040], trnG-UCC [10807..10854], atpF [complement(12779..13189)], atpF [complement(13901..14044)], rpoC1 [complement(22023..23646)], rpoC1 [complement(24369..24802)], ycf3 [complement(45102..45254)], ycf3 [complement(45986..46213)], ycf3 [complement(46952..47077)], trnL-UAA [49693..49727], trnL-UAA [50219..50268], trnV-UAC [complement(54895..54931)], trnV-UAC [complement(55516..55554)], rps12 [complement(73679..73792)], rps12 [145515..145746], rps12 [146283..146308], clpP [complement(73944..74189)], clpP [complement(74822..75112)], clpP [complement(75893..75961)], petB	trnK-UUU [complement(1836..4325)], rps16 [complement(5228..6051)], trnG-UCC [10041..10806], atpF [complement(13190..13900)], rpoC1 [complement(23647..24368)], ycf3 [complement(45255..45985)], ycf3 [complement(46214..46951)], trnL-UAA [49728..50218], trnV-UAC [complement(54932..55515)], clpP [complement(74190..74821)], clpP [complement(75113..75892)], petB [78853..79636], rpl2 [complement(88637..89294)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78847..78852], petB [79637..80278], rpl2 [complement(88205..88636)], rpl2 [complement(89295..89681)], ndhB [complement(98843..99598)], ndhB [complement(100299..101075)], trnI-GAU [106640..106681], trnI-GAU [107618..107652], trnA-UGC [107717..107754], trnA-UGC [108554..108588], ndhA [complement(125115..125654)], ndhA [complement(126732..127283)], trnA-UGC [complement(139649..139683)], trnA-UGC [complement(140483..140520)], trnI-GAU [complement(140585..140619)], trnI-GAU [complement(141556..141597)], ndhB [147162..147938], ndhB [148639..149394], rpl2 [158556..158942], rpl2 [159601..160032]	[complement(99599..100298)], trnI-GAU [106682..107617], trnA-UGC [107755..108553], ndhA [complement(125655..126731)], trnA-UGC [complement(139684..140482)], trnI-GAU [complement(140620..141555)], ndhB [147939..148638], rpl2 [158943..159600]
2267.	MASE	73	rps12 [complement(102033..102062)], rps12 [complement(102600..102827)], rps12 [complement(73777..73890)], trnK-UUU [complement(1797..1831)], trnK-UUU [complement(4324..4360)], rps16 [complement(5016..5232)], rps16 [complement(6055..6098)], trnG-UCC [10112..10135], trnG-UCC [10906..10953], atpF [complement(12879..13288)], atpF [complement(13998..14142)], rpoC1 [complement(22140..23753)], rpoC1 [complement(24488..24919)], ycf3 [complement(45210..45362)], ycf3 [complement(46091..46318)], ycf3 [complement(47052..47177)], trnL-UAA [49777..49811], trnL-UAA [50303..50352], trnV-UAC [complement(54972..55008)], trnV-UAC [complement(55593..55631)], rps12 [complement(73777..73890)], rps12 [145589..145816], rps12 [146354..146383], clpP [complement(74042..74287)], clpP [complement(74918..75208)], clpP [complement(75990..76058)], petB [78946..78951], petB [79736..80377], petD [80576..80583], petD [81285..81759], rpl16 [complement(85223..85621)], rpl16 [complement(86592..86600)], rpl2 [complement(88300..88730)], rpl2 [complement(89392..89782)], ndhB [complement(98951..99706)], ndhB [complement(100407..101183)], trnI-GAU [106752..106793], trnI-GAU [107730..107764], trnA-UGC [107829..107866], trnA-UGC [108666..108700], ndhA [complement(125216..125754)], ndhA [complement(126833..127385)], trnA-UGC [complement(139716..139750)], trnA-UGC [complement(140550..140587)], trnI-GAU [complement(140652..140686)], trnI-GAU [complement(141623..141668)], ndhB [147233..148009], ndhB	trnK-UUU [complement(1832..4323)], rps16 [complement(5233..6054)], trnG-UCC [10136..10905], atpF [complement(13289..13997)], rpoC1 [complement(23754..24487)], ycf3 [complement(45363..46090)], ycf3 [complement(46319..47051)], trnL-UAA [49812..50302], trnV-UAC [complement(55009..55592)], clpP [complement(74288..74917)], clpP [complement(75209..75989)], petB [78952..79735], petD [80584..81284], rpl16 [complement(85622..86591)], rpl2 [complement(88731..89391)], ndhB [complement(99707..100406)], trnI-GAU [106794..107729], trnA-UGC [107867..108665], ndhA [complement(125755..126832)], trnA-UGC [complement(139751..140549)], trnI-GAU [complement(140687..141622)], ndhB [148010..148709], rpl2 [159025..159685]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[148710..149465], rpl2 [158634..159024], rpl2 [159686..160116]	
2268.	MASI	67	rps12 [complement(101944..101969)], rps12 [complement(102506..102737)], rps12 [complement(73708..73821)], trnK-UUU [complement(1797..1831)], trnK-UUU [complement(4322..4358)], rps16 [complement(4996..5214)], rps16 [complement(6042..6083)], trnG-UCC [10056..10079], trnG-UCC [10853..10900], atpF [complement(12831..13241)], atpF [complement(13949..14092)], rpoC1 [complement(22075..23698)], rpoC1 [complement(24421..24854)], ycf3 [complement(45145..45297)], ycf3 [complement(46026..46253)], ycf3 [complement(46990..47115)], trnL-UAA [49725..49759], trnL-UAA [50251..50300], trnV-UAC [complement(54928..54964)], trnV-UAC [complement(55549..55587)], rps12 [complement(73708..73821)], rps12 [145464..145695], rps12 [146232..146257], clpP [complement(73973..74218)], clpP [complement(74847..75137)], clpP [complement(75917..75985)], petB [78871..78876], petB [79661..80302], rpl2 [complement(88213..88644)], rpl2 [complement(89303..89689)], ndhB [complement(98858..99613)], ndhB [complement(100314..101090)], trnI-GAU [106655..106696], trnI-GAU [107632..107666], trnA-UGC [107731..107768], trnA-UGC [108568..108602], ndhA [complement(125109..125648)], ndhA [complement(126725..127276)], trnA-UGC [complement(139599..139633)], trnA-UGC [complement(140433..140470)], trnI-GAU [complement(140535..140569)], trnI-GAU [complement(141505..141546)], ndhB [147111..147887], ndhB [148588..149343], rpl2 [158512..158898], rpl2 [159557..159988]	trnK-UUU [complement(1832..4321)], rps16 [complement(5215..6041)], trnG-UCC [10080..10852], atpF [complement(13242..13948)], rpoC1 [complement(23699..24420)], ycf3 [complement(45298..46025)], ycf3 [complement(46254..46989)], trnL-UAA [49760..50250], trnV-UAC [complement(54965..55548)], clpP [complement(74219..74846)], clpP [complement(75138..75916)], petB [78877..79660], rpl2 [complement(88645..89302)], ndhB [complement(99614..100313)], trnI-GAU [106697..107631], trnA-UGC [107769..108567], ndhA [complement(125649..126724)], trnA-UGC [complement(139634..140432)], trnI-GAU [complement(140570..141504)], ndhB [147888..148587], rpl2 [158899..159556]
2269.	MAS N	67	rps12 [complement(101926..101951)], rps12 [complement(102488..102719)], rps12 [complement(73673..73786)], trnK-UUU [complement(1808..1842)], trnK-UUU [complement(4333..4369)], rps16 [complement(5017..5235)], rps16 [complement(6060..6101)], trnG-UCC [10027..10050], trnG-UCC [10819..10866], atpF [complement(12789..13199)], atpF [complement(13908..14051)], rpoC1 [complement(22035..23658)], rpoC1 [complement(24381..24814)], ycf3 [complement(45105..45257)], ycf3 [complement(45987..46214)], ycf3 [complement(46954..47079)], trnL-UAA [49695..49729], trnL-UAA [50225..50274], trnV-UAC	trnK-UUU [complement(1843..4332)], rps16 [complement(5236..6059)], trnG-UCC [10051..10818], atpF [complement(13200..13907)], rpoC1 [complement(23659..24380)], ycf3 [complement(45258..45986)], ycf3 [complement(46215..46953)], trnL-UAA [49730..50224], trnV-UAC [complement(54936..55519)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54899..54935)], trnV-UAC [complement(55520..55558)], rps12 [complement(73673..73786)], rps12 [145498..145729], rps12 [146266..146291], clpP [complement(73943..74188)], clpP [complement(74817..75107)], clpP [complement(75889..75957)], petB [78843..78848], petB [79633..80274], rpl2 [complement(88202..88633)], rpl2 [complement(89292..89678)], ndhB [complement(98840..99595)], ndhB [complement(100296..101072)], trnI-GAU [106637..106678], trnI-GAU [107615..107649], trnA-UGC [107714..107751], trnA-UGC [108551..108585], ndhA [complement(125102..125641)], ndhA [complement(126717..127268)], trnA-UGC [complement(139632..139666)], trnA-UGC [complement(140466..140503)], trnI-GAU [complement(140568..140602)], trnI-GAU [complement(141539..141580)], ndhB [147145..147921], ndhB [148622..149377], rpl2 [158539..158925], rpl2 [159584..160015]	[complement(74189..74816)], clpP [complement(75108..75888)], petB [78849..79632], rpl2 [complement(88634..89291)], ndhB [complement(99596..100295)], trnI-GAU [106679..107614], trnA-UGC [107752..108550], ndhA [complement(125642..126716)], trnA-UGC [complement(139667..140465)], trnI-GAU [complement(140603..141538)], ndhB [147922..148621], rpl2 [158926..159583]
2270.	MASP	67	rps12 [complement(101920..101945)], rps12 [complement(102482..102713)], rps12 [complement(73666..73779)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4322..4358)], rps16 [complement(5002..5220)], rps16 [complement(6045..6086)], trnG-UCC [10000..10023], trnG-UCC [10792..10839], atpF [complement(12769..13179)], atpF [complement(13888..14031)], rpoC1 [complement(22016..23639)], rpoC1 [complement(24362..24795)], ycf3 [complement(45089..45241)], ycf3 [complement(45970..46197)], ycf3 [complement(46936..47061)], trnL-UAA [49680..49714], trnL-UAA [50206..50255], trnV-UAC [complement(54879..54915)], trnV-UAC [complement(55501..55539)], rps12 [complement(73666..73779)], rps12 [145454..145685], rps12 [146222..146247], clpP [complement(73931..74176)], clpP [complement(74804..75094)], clpP [complement(75875..75943)], petB [78831..78836], petB [79622..80263], rpl2 [complement(88189..88620)], rpl2 [complement(89279..89665)], ndhB [complement(98834..99589)], ndhB [complement(100290..101066)], trnI-GAU [106631..106672], trnI-GAU [107609..107643], trnA-UGC [107708..107745], trnA-UGC [108545..108579], ndhA [complement(125092..125631)], ndhA [complement(126710..127261)], trnA-UGC [complement(139588..139622)], trnA-UGC	trnK-UUU [complement(1833..4321)], rps16 [complement(5221..6044)], trnG-UCC [10024..10791], atpF [complement(13180..13887)], rpoC1 [complement(23640..24361)], ycf3 [complement(45242..45969)], ycf3 [complement(46198..46935)], trnL-UAA [49715..50205], trnV-UAC [complement(54916..55500)], clpP [complement(74177..74803)], clpP [complement(75095..75874)], petB [78837..79621], rpl2 [complement(88621..89278)], ndhB [complement(99590..100289)], trnI-GAU [106673..107608], trnA-UGC [107746..108544], ndhA [complement(125632..126709)], trnA-UGC [complement(139623..140421)], trnI-GAU [complement(140559..141494)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(140422..140459)], trnI-GAU [complement(140524..140558)], trnI-GAU [complement(141495..141536)], ndhB [147101..147877], ndhB [148578..149333], rpl2 [158502..158888], rpl2 [159547..159978]	[147878..148577], rpl2 [158889..159546]
2271.	MATE	29	rps12 [complement(73477..73590)], atpF [complement(13186..13572)], trnL-UAA [50437..50471], trnL-UAA [50964..51012], rps12 [145891..145916], rpl2 [complement(88109..88539)], ndhB [complement(98730..99485)], rpl2 [159181..159614]	trnK-UUU [complement(1808..4297)], rps16 [complement(5513..6343)], trnG-UCC [10534..11202], atpF [complement(13573..14371)], rpoC1 [complement(24212..24938)], ycf3 [complement(46324..47053)], ycf3 [complement(47282..48015)], trnL-UAA [50472..50963], trnV-UAC [complement(54327..54905)], clpP [complement(74004..74653)], clpP [complement(74948..75721)], petB [78665..79445], rpl2 [complement(88540..89218)], ndhB [complement(99486..100185)], trnI-GAU [106586..107421], trnA-UGC [107559..108358], ndhA [complement(125342..126448)], trnA-UGC [complement(139365..140164)], trnI-GAU [complement(140302..141137)], ndhB [147538..148237], rpl2 [158505..159180]
2272.	MAT H	45	rps12 [79180..79293], rps12 [50911..51141], rps12 [51678..51704], rps12 [complement(7761..7990)], rps12 [complement(7197..7224)], trnI-GAU [11865..11906], trnI-GAU [12846..12880], trnA-UGC [12945..12982], trnA-UGC [13781..13815], trnA-UGC [complement(45086..45120)], trnA-UGC [complement(45919..45956)], trnI-GAU [complement(46021..46055)], trnI-GAU [complement(46995..47036)], petD [complement(71272..71752)], clpP [78788..79033], trnV-UAC [97466..97504], trnV-UAC [98091..98127], trnL-UAA [complement(102627..102676)], trnL-UAA [complement(103156..103190)], trnG-UCC [complement(141450..141497)],	ndhB [complement(4869..5570)], trnI-GAU [11907..12845], trnA-UGC [12983..13780], ndhA [26726..27849], trnA-UGC [complement(45121..45918)], trnI-GAU [complement(46056..46994)], ndhB [53331..54032], rpl2 [63635..64307], rpl16 [66470..67437], petD [complement(71753..72462)], petB [complement(73310..74098)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [complement(142260..142283)], trnK-UUU [148198..148234], trnK-UUU [150748..150782]	[77053..77842], clpP [78135..78787], trnV-UAC [97505..98090], trnL-UAA [complement(102677..103155)], ycf3 [106039..106771], ycf3 [107001..107730], rpoC1 [128398..129115], atpF [138415..139137], trnG-UCC [complement(141498..142259)], rps16 [146309..147149], trnK-UUU [148235..150747]
2273.	MATI	46	rps12 [complement(102547..102778)], rps12 [complement(73479..73592)], trnK-UUU [complement(1750..1772)], trnK-UUU [complement(4263..4299)], trnG-GCC [9137..9159], trnG-GCC [9866..9902], trnL-UAA [50801..50837], trnL-UAA [51352..51401], trnV-UAC [complement(54878..54914)], trnV-UAC [complement(55507..55543)], rps12 [complement(73479..73592)], rps12 [145534..145764], rps12 [146312..146341], petD [80383..80391], ndhB [complement(100356..101132)], trnI-GAU [106578..106619], trnI-GAU [107563..107597], trnA-UGC [107662..107699], trnA-UGC [108507..108541], trnA-UGC [complement(139774..139807)], trnA-UGC [complement(140615..140653)], trnI-GAU [complement(140775..140809)], trnI-GAU [complement(141753..141794)]	trnK-UUU [complement(1773..4262)], rps16 [complement(5503..6398)], trnG-GCC [9160..9865], atpF [complement(12971..13696)], rpoC1 [complement(23579..24322)], ycf3 [complement(45730..46479)], ycf3 [complement(46708..47410)], trnL-UAA [50838..51351], trnV-UAC [complement(54915..55506)], clpP [complement(74004..74630)], clpP [complement(74922..75740)], petB [78753..79550], petD [80392..81103], rpl16 [complement(85524..86514)], rpl2 [complement(88733..89415)], ndhB [complement(99687..100355)], trnI-GAU [106620..107562], trnA-UGC [107700..108506], ndhA [complement(125606..126723)], trnA-UGC [complement(139808..140614)], trnI-GAU [complement(140810..141752)], ndhB [147960..148628], rpl2 [158900..159582]
2274.	MAT N	70	rps12 [complement(97690..97932)], rps12 [complement(69447..69560)], trnK-UUU [complement(1731..1766)], trnK-UUU [complement(4394..4431)],	trnK-UUU [complement(1767..4393)], rps16 [complement(5226..6066)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(4999..5225)], rps16 [complement(6067..6106)], rpoC1 [16130..16561], rpoC1 [17293..18921], atpF [26915..27059], atpF [27736..28145], trnG-UCC [complement(30161..30208)], trnG-UCC [complement(30951..30973)], ycf3 [complement(42069..42221)], ycf3 [complement(43001..43230)], ycf3 [complement(43938..44061)], trnL-UAA [46951..46987], trnL-UAA [47449..47498], trnV-UAC [complement(51046..51082)], trnV-UAC [complement(51658..51695)], rps12 [138656..138898], clpP [complement(69735..69962)], clpP [complement(70572..70865)], clpP [complement(71690..71758)], petB [74684..74689], petB [75459..76100], petD [76295..76302], petD [77007..77484], rpl16 [complement(80930..81337)], rpl16 [complement(82393..82401)], rpl2 [complement(84083..84517)], rpl2 [complement(85186..85572)], ndhB [complement(94120..94875)], ndhB [complement(95553..96329)], trnI-GAU [101877..101919], trnI-GAU [102694..102728], trnA-UGC [102793..102830], trnA-UGC [103655..103689], ndhA [115366..115918], ndhA [116972..117510], trnA-UGC [complement(132899..132933)], trnA-UGC [complement(133758..133795)], trnI-GAU [complement(133860..133894)], trnI-GAU [complement(134669..134711)], ndhB [140259..141050], ndhB [141725..142468], rpl2 [151016..151406], rpl2 [152072..152505]	[16562..17292], atpF [27060..27735], trnG-UCC [complement(30209..30950)], ycf3 [complement(42222..43000)], ycf3 [complement(43231..43937)], trnL-UAA [46988..47448], trnV-UAC [complement(51083..51657)], clpP [complement(69963..70571)], clpP [complement(70866..71689)], petB [74690..75458], petD [76303..77006], rpl16 [complement(81338..82392)], rpl2 [complement(84518..85185)], ndhB [complement(94876..95552)], trnI-GAU [101920..102693], trnA-UGC [102831..103654], ndhA [115919..116971], trnA-UGC [complement(132934..133757)], trnI-GAU [complement(133895..134668)], ndhB [141051..141724], rpl2 [151407..152071]
2275.	MAT R	73	rps12 [complement(101943..101972)], rps12 [complement(102510..102737)], rps12 [complement(73680..73793)], trnK-UUU [complement(1811..1845)], trnK-UUU [complement(4337..4373)], rps16 [complement(5020..5236)], rps16 [complement(6060..6103)], trnG-UCC [10046..10069], trnG-UCC [10840..10887], atpF [complement(12816..13225)], atpF [complement(13937..14081)], rpoC1 [complement(22022..23635)], rpoC1 [complement(24370..24801)], ycf3 [complement(45123..45275)], ycf3 [complement(46004..46231)], ycf3 [complement(46968..47093)], trnL-UAA [49705..49739], trnL-UAA [50231..50280], trnV-UAC [complement(54909..54945)], trnV-UAC [complement(55530..55568)], rps12 [complement(73680..73793)], rps12 [145449..145676], rps12 [146214..146243], clpP [complement(73945..74190)], clpP	trnK-UUU [complement(1846..4336)], rps16 [complement(5237..6059)], trnG-UCC [10070..10839], atpF [complement(13226..13936)], rpoC1 [complement(23636..24369)], ycf3 [complement(45276..46003)], ycf3 [complement(46232..46967)], trnL-UAA [49740..50230], trnV-UAC [complement(54946..55529)], clpP [complement(74191..74817)], clpP [complement(75109..75891)], petB [78852..79635], petD [80484..81184], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74818..75108)], clpP [complement(75892..75960)], petB [78846..78851], petB [79636..80277], petD [80476..80483], petD [81185..81659], rpl16 [complement(85122..85520)], rpl16 [complement(86490..86498)], rpl2 [complement(88210..88640)], rpl2 [complement(89302..89692)], ndhB [complement(98861..99616)], ndhB [complement(100317..101093)], trnI-GAU [106650..106691], trnI-GAU [107628..107662], trnA-UGC [107727..107764], trnA-UGC [108564..108598], ndhA [complement(125101..125639)], ndhA [complement(126716..127268)], trnA-UGC [complement(139588..139622)], trnA-UGC [complement(140422..140459)], trnI-GAU [complement(140524..140558)], trnI-GAU [complement(141495..141536)], ndhB [147093..147869], ndhB [148570..149325], rpl2 [158494..158884], rpl2 [159546..159976]	[complement(85521..86489)], rpl2 [complement(88641..89301)], ndhB [complement(99617..100316)], trnI-GAU [106692..107627], trnA-UGC [107765..108563], ndhA [complement(125640..126715)], trnA-UGC [complement(139623..140421)], trnI-GAU [complement(140559..141494)], ndhB [147870..148569], rpl2 [158885..159545]
2276.	MATS	70	rps12 [complement(101962..101987)], rps12 [complement(102529..102760)], rps12 [complement(73481..73594)], trnK-UUU [complement(1709..1743)], trnK-UUU [complement(4233..4269)], rps16 [complement(5255..5475)], rps16 [complement(6343..6382)], atpF [complement(12513..12923)], atpF [complement(13657..13800)], rpoC1 [complement(21934..23544)], rpoC1 [complement(24286..24720)], ycf3 [complement(45526..45678)], ycf3 [complement(46423..46650)], ycf3 [complement(47359..47484)], trnL-UAA [50716..50752], trnL-UAA [51267..51316], trnV-UAC [complement(54891..54927)], trnV-UAC [complement(55520..55557)], rps12 [complement(73481..73594)], rps12 [145388..145618], rps12 [146160..146189], clpP [complement(73759..73986)], clpP [complement(74613..74901)], clpP [complement(75726..75796)], petB [78725..78729], petB [79528..80170], petD [80363..80369], petD [81094..81569], rpl16 [complement(85141..85538)], rpl16 [complement(86525..86534)], rpl2 [complement(88307..88740)], rpl2 [complement(89427..89817)], ndhB [complement(98919..99673)], ndhB [complement(100343..101120)], trnI-GAU [106560..106600], trnI-GAU [107544..107579], trnA [107644..107680], trnA [108488..108523], ndhA [complement(124923..125462)], ndhA [complement(126594..127145)], trnA-UGC [complement(139628..139661)], trnA-UGC	trnK-UUU [complement(1744..4232)], rps16 [complement(5476..6342)], atpF [complement(12924..13656)], rpoC1 [complement(23545..24285)], ycf3 [complement(45679..46422)], ycf3 [complement(46651..47358)], trnL-UAA [50753..51266], trnV-UAC [complement(54928..55519)], clpP [complement(73987..74612)], clpP [complement(74902..75725)], petB [78730..79527], petD [80370..81093], rpl16 [complement(85539..86524)], rpl2 [complement(88741..89426)], ndhB [complement(99674..100342)], trnI-GAU [106601..107543], trnA [107681..108487], ndhA [complement(125463..126593)], trnA-UGC [complement(139662..140468)], trnI-GAU [complement(140606..141548)], ndhB [147807..148475], rpl2 [158723..159408]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(140469..140507)], tRNI-GAU [complement(140572..140605)], tRNI-GAU [complement(141549..141591)], ndhB [147031..147806], ndhB [148476..149232], rpl2 [158334..158722], rpl2 [159409..159844]	
2277.	MAVI	27	rps12 [complement(71674..71787)], trnK-UUU [complement(1384..1423)], trnK-UUU [complement(4011..4047)], rps12 [142952..142977]	trnK-UUU [complement(1424..4010)], rps16 [complement(4940..5809)], trnG-GCC [9870..10576], atpF [complement(12944..13752)], rpoC1 [complement(22940..23681)], ycf3 [complement(43613..44352)], ycf3 [complement(44583..45314)], trnL-UAA [48312..48811], trnV-UAC [complement(53161..53754)], clpP [complement(72170..72830)], clpP [complement(73122..73931)], petB [77483..77707], petD [78576..79310], rpl16 [complement(83618..84606)], rpl2 [complement(86876..87539)], ndhB [complement(97860..98558)], trnI-GAU [104737..105672], trnA-UGC [105810..106624], ndhA [complement(122688..123788)], trnA-UGC [complement(136530..137344)], trnI-GAU [complement(137482..138417)], ndhB [144596..145294], rpl2 [155615..156278]
2278.	MAY A	73	rps12 [complement(102039..102064)], rps12 [complement(102606..102837)], rps12 [complement(73559..73672)], trnK-UUU [complement(1758..1792)], trnK-UUU [complement(4287..4323)], rps16 [complement(5285..5505)], rps16 [complement(6394..6433)], trnG-UCC [9145..9167], trnG-UCC [9867..9914], atpF [complement(12499..12908)], atpF [complement(13638..13782)], rpoC1 [complement(21910..23520)], rpoC1 [complement(24266..24718)], ycf3 [complement(45652..45804)], ycf3 [complement(46549..46776)], ycf3 [complement(47485..47610)], trnL-UAA [50857..50891], trnL-UAA	trnK-UUU [complement(1793..4286)], rps16 [complement(5506..6393)], trnG-UCC [9168..9866], atpF [complement(12909..13637)], rpoC1 [complement(23521..24265)], ycf3 [complement(45805..46548)], ycf3 [complement(46777..47484)], trnL-UAA [50892..51426], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51427..51476], trnV-UAC [complement(54967..55001)], trnV-UAC [complement(55596..55634)], rps12 [complement(73559..73672)], rps12 [145475..145706], rps12 [146248..146273], clpP [complement(73837..74064)], clpP [complement(74692..74983)], clpP [complement(75806..75876)], petB [78805..78810], petB [79608..80249], petD [80440..80447], petD [81172..81646], rpl16 [complement(85217..85615)], rpl16 [complement(86602..86610)], rpl2 [complement(88384..88817)], rpl2 [complement(89504..89894)], ndhB [complement(98996..99751)], ndhB [complement(100421..101197)], trnI-GAU [106637..106673], trnI-GAU [107622..107656], trnA-UGC [107721..107758], trnA-UGC [108566..108600], ndhA [complement(125003..125542)], ndhA [complement(126674..127225)], trnA-UGC [complement(139712..139746)], trnA-UGC [complement(140554..140591)], trnI-GAU [complement(140656..140690)], trnI-GAU [complement(141639..141675)], ndhB [147115..147891], ndhB [148561..149316], rpl2 [158418..158808], rpl2 [159495..159928]	[complement(55002..55595)], clpP [complement(74065..74691)], clpP [complement(74984..75805)], petB [78811..79607], petD [80448..81171], rpl16 [complement(85616..86601)], rpl2 [complement(88818..89503)], ndhB [complement(99752..100420)], trnI-GAU [106674..107621], trnA-UGC [107759..108565], ndhA [complement(125543..126673)], trnA-UGC [complement(139747..140553)], trnI-GAU [complement(140691..141638)], ndhB [147892..148560], rpl2 [158809..159494]
2279.	MAY N	46	rps12 [complement(100896..100922)], rps12 [complement(101459..101689)], rps12 [complement(73279..73392)], trnK-UUU [complement(1767..1801)], trnK-UUU [complement(4315..4351)], trnG-UCC [10268..10291], trnG-UCC [11054..11101], trnL-UAA [49383..49417], trnL-UAA [49897..49946], trnV-UAC [complement(54439..54475)], trnV-UAC [complement(55062..55100)], rps12 [complement(73279..73392)], rps12 [144609..144838], rps12 [145375..145402], clpP [complement(73539..73784)], petD [80823..81303], trnI-GAU [105564..105605], trnI-GAU [106545..106579], trnA-UGC [106644..106681], trnA-UGC [107480..107514], trnA-UGC [complement(138784..138818)], trnA-UGC [complement(139617..139654)], trnI-GAU [complement(139719..139753)], trnI-GAU [complement(140693..140734)]	trnK-UUU [complement(1802..4314)], rps16 [complement(5400..6240)], trnG-UCC [10292..11053], atpF [complement(13414..14137)], rpoC1 [complement(23437..24153)], ycf3 [complement(44841..45570)], ycf3 [complement(45800..46532)], trnL-UAA [49418..49896], trnV-UAC [complement(54476..55061)], clpP [complement(73785..74439)], clpP [complement(74732..75522)], petB [78477..79265], petD [80113..80822], rpl16 [complement(85138..86106)], rpl2 [complement(88268..88940)], ndhB [complement(98568..99269)], trnI-GAU [105606..106544], trnA-UGC [106682..107479], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(124751..125873)], trnA-UGC [complement(138819..139616)], trnI-GAU [complement(139754..140692)], ndhB [147029..147730]
2280.	MAY U	73	rps12 [complement(101963..101988)], rps12 [complement(102525..102756)], rps12 [complement(73720..73833)], trnK-UUU [complement(1792..1817)], trnK-UUU [complement(4317..4353)], rps16 [complement(4993..5213)], rps16 [complement(6041..6080)], trnG-GCC [10051..10073], trnG-GCC [10841..10887], atpF [complement(12817..13227)], atpF [complement(13936..14079)], rpoC1 [complement(22058..23680)], rpoC1 [complement(24403..24837)], ycf3 [complement(45133..45285)], ycf3 [complement(46014..46243)], ycf3 [complement(46985..47108)], trnL-UAA [49723..49757], trnL-UAA [50249..50298], trnV-UAC [complement(54925..54959)], trnV-UAC [complement(55546..55584)], rps12 [complement(73720..73833)], rps12 [145500..145731], rps12 [146268..146293], clpP [complement(73985..74230)], clpP [complement(74861..75151)], clpP [complement(75932..76000)], petB [78886..78891], petB [79676..80317], petD [80516..80523], petD [81225..81699], rpl16 [complement(85163..85561)], rpl16 [complement(86531..86539)], rpl2 [complement(88232..88663)], rpl2 [complement(89322..89708)], ndhB [complement(98877..99632)], ndhB [complement(100333..101109)], trnI-GAU [106674..106715], trnI-GAU [107651..107685], trnA-UGC [107750..107787], trnA-UGC [108587..108621], ndhA [complement(125135..125674)], ndhA [complement(126752..127303)], trnA-UGC [complement(139635..139669)], trnA-UGC [complement(140469..140506)], trnI-GAU [complement(140571..140605)], trnI-GAU [complement(141541..141582)], ndhB [147147..147923], ndhB [148624..149379], rpl2 [158542..158934], rpl2 [159593..160024]	trnK-UUU [complement(1818..4316)], rps16 [complement(5214..6040)], trnG-GCC [10074..10840], atpF [complement(13228..13935)], rpoC1 [complement(23681..24402)], ycf3 [complement(45286..46013)], ycf3 [complement(46244..46984)], trnL-UAA [49758..50248], trnV-UAC [complement(54960..55545)], clpP [complement(74231..74860)], clpP [complement(75152..75931)], petB [78892..79675], petD [80524..81224], rpl16 [complement(85562..86530)], rpl2 [complement(88664..89321)], ndhB [complement(99633..100332)], trnI-GAU [106716..107650], trnA-UGC [107788..108586], ndhA [complement(125675..126751)], trnA-UGC [complement(139670..140468)], trnI-GAU [complement(140606..141540)], ndhB [147924..148623], rpl2 [158935..159592]
2281.	MAZE	67	rps12 [complement(101880..101909)], rps12 [complement(102447..102674)], rps12 [complement(73631..73744)], trnK-UUU [complement(1804..1838)], trnK-UUU [complement(4329..4365)], rps16 [complement(5012..5228)], rps16 [complement(6054..6097)], trnG-UCC [10023..10046], trnG-UCC	trnK-UUU [complement(1839..4328)], rps16 [complement(5229..6053)], trnG-UCC [10047..10813], atpF [complement(13195..13902)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10814..10861], atpF [complement(12784..13194)], atpF [complement(13903..14046)], rpoC1 [complement(22030..23653)], rpoC1 [complement(24376..24809)], ycf3 [complement(45100..45252)], ycf3 [complement(45982..46209)], ycf3 [complement(46949..47074)], trnL-UAA [49689..49723], trnL-UAA [50219..50268], trnV-UAC [complement(54888..54924)], trnV-UAC [complement(55509..55547)], rps12 [complement(73631..73744)], rps12 [145473..145700], rps12 [146238..146267], clpP [complement(73901..74146)], clpP [complement(74775..75065)], clpP [complement(75847..75915)], petB [78801..78806], petB [79591..80232], rpl2 [complement(88160..88591)], rpl2 [complement(89253..89636)], ndhB [complement(98798..99553)], ndhB [complement(100254..101030)], trnI-GAU [106595..106636], trnI-GAU [107573..107607], trnA-UGC [107672..107709], trnA-UGC [108509..108543], ndhA [complement(125067..125607)], ndhA [complement(126683..127233)], trnA-UGC [complement(139604..139638)], trnA-UGC [complement(140438..140475)], trnI-GAU [complement(140540..140575)], trnI-GAU [complement(141511..141553)], ndhB [147117..147893], ndhB [148594..149349], rpl2 [158511..158894], rpl2 [159556..159987]	[complement(23654..24375)], ycf3 [complement(45253..45981)], ycf3 [complement(46210..46948)], trnL-UAA [49724..50218], trnV-UAC [complement(54925..55508)], clpP [complement(74147..74774)], clpP [complement(75066..75846)], petB [78807..79590], rpl2 [complement(88592..89252)], ndhB [complement(99554..100253)], trnI-GAU [106637..107572], trnA-UGC [107710..108508], ndhA [complement(125608..126682)], trnA-UGC [complement(139639..140437)], trnI-GAU [complement(140576..141510)], ndhB [147894..148593], rpl2 [158895..159555]
2282.	MEA B	64	rps12 [complement(88755..88783)], rps12 [complement(89324..89555)], rps12 [complement(67118..67231)], trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3912..3949)], rps16 [complement(4432..4649)], rps16 [complement(5491..5530)], trnG-UCC [complement(13012..13059)], trnG-UCC [complement(13746..13768)], atpF [33188..33346], atpF [34161..34568], ycf3 [complement(42184..42342)], ycf3 [complement(43068..43295)], ycf3 [complement(44031..44156)], trnL-UAA [46801..46835], trnL-UAA [47308..47357], trnV-UAC [complement(50931..50977)], trnV-UAC [complement(51571..51609)], rps12 [125597..125828], rps12 [126369..126397], petB [70964..70969], petB [71749..72396], petD [72596..72603], petD [73351..73825], rpl16 [complement(77368..77769)], rpl16 [complement(78869..78877)], rpl2 [complement(80841..81272)], rpl2 [complement(81935..82324)], ndhB [complement(85682..86438)], ndhB [complement(87151..87926)], trnI-GAU [93393..93434], trnI-GAU	trnK-UUU [complement(1422..3911)], rps16 [complement(4650..5490)], trnG-UCC [complement(13060..13745)], atpF [33347..34160], ycf3 [complement(42343..43067)], ycf3 [complement(43296..44030)], trnL-UAA [46836..47307], trnV-UAC [complement(50978..51570)], petB [70970..71748], petD [72604..73350], rpl16 [complement(77770..78868)], rpl2 [complement(81273..81934)], ndhB [complement(86439..87150)], trnI-GAU [93435..94143], trnA-UGC [94282..95091], ndhA [complement(111099..112125)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[94144..94178], trnA-UGC [94244..94281], trnA-UGC [95092..95126], ndhA [complement(110559..111098)], ndhA [complement(112126..112674)], trnA-UGC [complement(120026..120060)], trnA-UGC [complement(120871..120908)], trnI-GAU [complement(120974..121008)], trnI-GAU [complement(121718..121759)], ndhB [127226..128002], ndhB [128715..129470], rpl2 [132828..133217], rpl2 [133880..134311]	UGC [complement(120061..120870)], trnI-GAU [complement(121009..121717)], ndhB [128003..128714], rpl2 [133218..133879]
2283.	MEAI	73	rps12 [complement(101734..101759)], rps12 [complement(102296..102527)], rps12 [complement(73636..73749)], trnK-UUU [complement(1718..1752)], trnK-UUU [complement(4255..4291)], rps16 [complement(5162..5386)], rps16 [complement(6284..6322)], trnG-UCC [10005..10027], trnG-UCC [10721..10768], atpF [complement(12689..13096)], atpF [complement(13811..13969)], rpoC1 [complement(21942..23561)], rpoC1 [complement(24324..24758)], ycf3 [complement(44778..44930)], ycf3 [complement(45678..45905)], ycf3 [complement(46613..46738)], trnL-UAA [49967..50001], trnL-UAA [50521..50570], trnV-UAC [complement(54560..54596)], trnV-UAC [complement(55173..55211)], rps12 [complement(73636..73749)], rps12 [144939..145170], rps12 [145707..145732], clpP [complement(73888..74115)], clpP [complement(74802..75092)], clpP [complement(75904..75972)], petB [78867..78872], petB [79633..80274], petD [80474..80481], petD [81250..81724], rpl16 [complement(85206..85607)], rpl16 [complement(86658..86666)], rpl2 [complement(88335..88769)], rpl2 [complement(89432..89824)], ndhB [complement(98692..99447)], ndhB [complement(100127..100903)], trnI-GAU [106452..106493], trnI-GAU [107435..107469], trnA-UGC [107534..107571], trnA-UGC [108379..108413], ndhA [complement(124410..124949)], ndhA [complement(126063..126614)], trnA-UGC [complement(139053..139087)], trnA-UGC [complement(139895..139932)], trnI-GAU [complement(139997..140031)], trnI-GAU [complement(140973..141014)], ndhB [146563..147339], ndhB [148019..148774], rpl2 [157642..158031], rpl2 [158697..159131]	trnK-UUU [complement(1753..4254)], rps16 [complement(5387..6283)], trnG-UCC [10028..10720], atpF [complement(13097..13810)], rpoC1 [complement(23562..24323)], ycf3 [complement(44931..45677)], ycf3 [complement(45906..46612)], trnL-UAA [50002..50520], trnV-UAC [complement(54597..55172)], clpP [complement(74116..74801)], clpP [complement(75093..75903)], petB [78873..79632], petD [80482..81249], rpl16 [complement(85608..86657)], rpl2 [complement(88770..89431)], ndhB [complement(99448..100126)], trnI-GAU [106494..107434], trnA-UGC [107572..108378], ndhA [complement(124950..126062)], trnA-UGC [complement(139088..139894)], trnI-GAU [complement(140032..140972)], ndhB [147340..148018], rpl2 [158032..158696]
2284.	MEAL	52	trnK-UUU [complement(1683..1711)], trnK-UUU [complement(4176..4212)], trnV-UAC [9161..9198], trnV-UAC [9782..9818], trnL-UAA	trnK-UUU [complement(1712..4175)], trnV-UAC [9199..9781], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(12630..12679)], trnL-UAA [complement(12919..12955)], ycf3 [15623..15748], ycf3 [16486..16713], ycf3 [17432..17584], rpoC1 [36629..37063], rpoC1 [37830..39461], atpF [47679..47846], atpF [48509..48919], rps12 [61805..61918], rps12 [complement(97149..97406)], clpP [complement(67980..68213)], clpP [complement(70725..71087)], petB [73966..73971], petB [74824..75465], petD [75661..75669], petD [76388..76861], rpl16 [complement(81139..81537)], rpl16 [complement(82653..82661)], rpl2 [complement(84451..84885)], rpl2 [complement(85592..85984)], ndhB [complement(94096..94851)], ndhB [complement(95540..96262)], trnI-GAU [100906..100947], trnI-GAU [101632..101666], trnA-UGC [101732..101769], trnA-UGC [102583..102617], ycf1 [107510..111475], ycf1 [112446..113399], ndhA [115441..116004], ndhA [117235..117774]	[complement(12680..12918)], ycf3 [15749..16485], ycf3 [16714..17431], rpoC1 [37064..37829], atpF [47847..48508], clpP [complement(68214..70724)], petB [73972..74823], petD [75670..76387], rpl16 [complement(81538..82652)], rpl2 [complement(84886..85591)], ndhB [complement(94852..95539)], trnI-GAU [100948..101631], trnA-UGC [101770..102582], ycf1 [111476..112445], ndhA [116005..117234]
2285.	MEAR	52	rps12 [complement(95116..95373)], rps12 [complement(67872..67985)], trnK-UUU [complement(1875..1909)], trnK-UUU [complement(4380..4416)], trnV-UAC [9527..9562], trnV-UAC [10145..10181], trnL-UAA [complement(13211..13260)], trnL-UAA [complement(13612..13648)], ycf3 [16407..16532], ycf3 [17245..17470], ycf3 [18211..18365], rpoC1 [37781..38210], rpoC1 [38987..40611], atpF [48623..48766], atpF [49460..49870], trnG-UCC [complement(52009..52057)], trnG-UCC [complement(52741..52763)], clpP [complement(68855..69079)], clpP [complement(69711..70073)], petB [72983..72988], petB [73800..74441], petD [74639..74646], petD [75361..75835], rpl16 [complement(79986..80384)], rpl16 [complement(81470..81478)], rpl2 [complement(83173..83606)], rpl2 [complement(84303..84693)], ndhB [complement(92154..92909)], ndhB [complement(93598..94320)], trnI-GAU [98896..98932], trnI-GAU [99622..99656], trnA-UGC [99722..99759], trnA-UGC [100575..100609], ndhA [112851..113401], ndhA [114649..115189]	trnK-UUU [complement(1910..4379)], trnV-UAC [9563..10144], trnL-UAA [complement(13261..13611)], ycf3 [16533..17244], ycf3 [17471..18210], rpoC1 [38211..38986], atpF [48767..49459], trnG-UCC [complement(52058..52740)], clpP [complement(69080..69710)], petB [72989..73799], petD [74647..75360], rpl16 [complement(80385..81469)], rpl2 [complement(83607..84302)], ndhB [complement(92910..93597)], trnI-GAU [98933..99621], trnA-UGC [99760..100574], ndhA [113402..114648]
2286.	MEAS	73	rps12 [complement(101913..101938)], rps12 [complement(102475..102706)], rps12 [complement(73870..73983)], trnK-UUU [complement(1721..1755)], trnK-UUU [complement(4264..4300)], rps16 [complement(5192..5422)], rps16 [complement(6348..6386)], trnG-UCC [10077..10099], trnG-UCC	trnK-UUU [complement(1756..4263)], rps16 [complement(5423..6347)], trnG-UCC [10100..10791], atpF [complement(13170..13889)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10792..10839], atpF [complement(12756..13169)], atpF [complement(13890..14048)], rpoC1 [complement(21944..23563)], rpoC1 [complement(24354..24788)], ycf3 [complement(44947..45099)], ycf3 [complement(45853..46080)], ycf3 [complement(46828..46953)], trnL-UAA [50193..50227], trnL-UAA [50744..50793], trnV-UAC [complement(54741..54777)], trnV-UAC [complement(55358..55396)], rps12 [complement(73870..73983)], rps12 [145175..145406], rps12 [145943..145968], clpP [complement(74122..74349)], clpP [complement(75013..75303)], clpP [complement(76088..76156)], petB [79056..79061], petB [79823..80464], petD [80664..80671], petD [81441..81915], rpl16 [complement(85393..85794)], rpl16 [complement(86833..86841)], rpl2 [complement(88509..88943)], rpl2 [complement(89605..89997)], ndhB [complement(98865..99620)], ndhB [complement(100300..101076)], trnI-GAU [106664..106705], trnI-GAU [107647..107681], trnA-UGC [107746..107783], trnA-UGC [108596..108630], ndhA [complement(124636..125175)], ndhA [complement(126290..126841)], trnA-UGC [complement(139251..139285)], trnA-UGC [complement(140098..140135)], trnI-GAU [complement(140200..140234)], trnI-GAU [complement(141176..141217)], ndhB [146805..147581], ndhB [148261..149016], rpl2 [157884..158273], rpl2 [158938..159372]</p>	<p>[complement(23564..24353)], ycf3 [complement(45100..45852)], ycf3 [complement(46081..46827)], trnL-UAA [50228..50743], trnV-UAC [complement(54778..55357)], clpP [complement(74350..75012)], clpP [complement(75304..76087)], petB [79062..79822], petD [80672..81440], rpl16 [complement(85795..86832)], rpl2 [complement(88944..89604)], ndhB [complement(99621..100299)], trnI-GAU [106706..107646], trnA-UGC [107784..108595], ndhA [complement(125176..126289)], trnA-UGC [complement(139286..140097)], trnI-GAU [complement(140235..141175)], ndhB [147582..148260], rpl2 [158274..158937]</p>
2287.	MEBI	52	<p>rps12 [complement(92758..93015)], rps12 [complement(65657..65770)], trnK-UUU [complement(1706..1740)], trnK-UUU [complement(4213..4249)], trnV-UAC [9187..9222], trnV-UAC [9800..9836], trnL-UAA [complement(12704..12753)], trnL-UAA [complement(13105..13141)], ycf3 [15936..16061], ycf3 [16791..17016], ycf3 [17780..17934], rpoC1 [36142..36571], rpoC1 [37361..38985], atpF [47286..47429], atpF [48112..48522], trnG-UCC [complement(50639..50687)], trnG-UCC [complement(51363..51385)], clpP [complement(66017..66247)], clpP [complement(66913..67275)], petB [70148..70153], petB [70988..71629], petD [71840..71847], petD [72567..73041], rpl16 [complement(77119..77517)], rpl16 [complement(78579..78587)], rpl2 [complement(80262..80695)], rpl2 [complement(81410..81800)], ndhB [complement(89791..90546)], ndhB</p>	<p>trnK-UUU [complement(1741..4212)], trnV-UAC [9223..9799], trnL-UAA [complement(12754..13104)], ycf3 [16062..16790], ycf3 [17017..17779], rpoC1 [36572..37360], atpF [47430..48111], trnG-UCC [complement(50688..51362)], clpP [complement(66248..66912)], petB [70154..70987], petD [71848..72566], rpl16 [complement(77518..78578)], rpl2 [complement(80696..81409)], ndhB [complement(90547..91235)], trnI-GAU [96738..97429], trnA-UGC [97568..98393],</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(91236..91958)], trnI-GAU [96701..96737], trnI-GAU [97430..97464], trnA-UGC [97530..97567], trnA-UGC [98394..98428], ndhA [110483..111033], ndhA [112296..112842]	ndhA [111034..112295]
2288.	MEBL	49	trnK-UUU [complement(1770..1804)], trnK-UUU [complement(4276..4312)], trnV-UAC [9352..9387], trnV-UAC [9966..10002], trnL-UAA [11067..11103], trnL-UAA [11463..11512], ycf3 [16018..16143], ycf3 [16851..17076], ycf3 [17815..17969], rpoC1 [36738..37167], rpoC1 [37941..39577], atpF [47476..47619], atpF [48306..48716], trnG-UCC [complement(50826..50874)], trnG-UCC [complement(51563..51585)], rps12 [complement(66108..66221)], rps12 [106824..107087], clpP [complement(67438..67662)], clpP [complement(68280..68642)], petB [71529..71534], petB [72390..73031], petD [73229..73236], petD [73918..74392], rpl16 [complement(78331..78729)], rpl16 [complement(79741..79749)], trnA-UGC [complement(101631..101665)], trnA-UGC [complement(102479..102516)], trnI-GAU [complement(102582..102616)], trnI-GAU [complement(103287..103323)], ndhB [107882..108604], ndhB [109288..110043], ndhA [111923..112473], ndhA [113719..114259]	trnK-UUU [complement(1805..4275)], trnV-UAC [9388..9965], trnL-UAA [11104..11462], ycf3 [16144..16850], ycf3 [17077..17814], rpoC1 [37168..37940], atpF [47620..48305], trnG-UCC [complement(50875..51562)], clpP [complement(67663..68279)], petB [71535..72389], petD [73237..73917], rpl16 [complement(78730..79740)], trnA-UGC [complement(101666..102478)], trnI-GAU [complement(102617..103286)], ndhB [108605..109287], ndhA [112474..113718]
2289.	MEC A	40	rps12 [complement(102840..103082)], rps12 [complement(73905..74021)], rps16 [complement(5039..5263)], rps16 [complement(6160..6198)], atpF [complement(12584..12993)], atpF [complement(13809..13956)], rpoC1 [complement(22175..23785)], rpoC1 [complement(24547..24981)], ycf3 [complement(45899..46051)], ycf3 [complement(46841..47070)], ycf3 [complement(47790..47916)], accD [60659..61113], accD [61144..62149], rps12 [144800..145042], clpP [complement(74127..74354)], clpP [complement(75009..75299)], clpP [complement(76140..76208)], rpl2 [complement(88538..88971)], rpl2 [complement(89662..90055)], ndhB [complement(99228..99985)], ndhB [complement(100664..101441)], ndhA [complement(124445..124983)], ndhA [complement(126077..126632)], ndhB [146441..147217], ndhB [147899..148654], rpl2 [157827..158217], rpl2 [158911..159344]	rps16 [complement(5264..6159)], atpF [complement(12994..13808)], rpoC1 [complement(23786..24546)], ycf3 [complement(46052..46840)], ycf3 [complement(47071..47789)], accD [61114..61143], clpP [complement(74355..75008)], clpP [complement(75300..76139)], rpl2 [complement(88972..89661)], ndhB [complement(99986..100663)], ndhA [complement(124984..126076)], ndhB [147218..147898], rpl2 [158218..158910]
2290.	MEC D	24	rps12 [138880..138905]	trnK-UUU [complement(1725..4248)], rps16 [complement(5038..5912)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				<p>[9052..9736], atpF [complement(12211..12903)], rpoC1 [complement(22431..23187)], ycf3 [complement(42120..42849)], ycf3 [complement(43078..43781)], trnL-UAA [46980..47473], trnV-UAC [complement(51174..51747)], clpP [complement(69592..70210)], clpP [complement(70503..71221)], petB [74221..74954], petD [75792..76495], rpl16 [complement(80811..81705)], rpl2 [complement(83816..84480)], ndhB [complement(94290..94964)], trnI-GAU [101088..102033], trnA-UGC [102176..102980], ndhA [complement(118530..119541)], trnA-UGC [complement(132453..133257)], trnI-GAU [complement(133400..134345)], ndhB [140469..141143], rpl2 [150953..151617]</p>
2291.	MECE	52	<p>rps12 [complement(96542..96799)], rps12 [complement(68555..68668)], trnK-UUU [complement(1924..1958)], trnK-UUU [complement(4439..4475)], trnV-UAC [9554..9589], trnV-UAC [10169..10205], trnL-UAA [complement(13256..13305)], trnL-UAA [complement(13657..13693)], ycf3 [16494..16619], ycf3 [17333..17558], ycf3 [18302..18456], rpoC1 [38051..38480], rpoC1 [39265..40889], atpF [48946..49089], atpF [49783..50193], trnG-UCC [complement(52364..52412)], trnG-UCC [complement(53096..53118)], clpP [complement(69856..70080)], clpP [complement(70728..71090)], petB [73964..73969], petB [74794..75435], petD [75633..75640], petD [76356..76830], rpl16 [complement(81083..81481)], rpl16 [complement(82575..82583)], rpl2 [complement(84286..84719)], rpl2 [complement(85410..85800)], ndhB [complement(93578..94333)], ndhB [complement(95022..95744)], trnI-GAU [100518..100554], trnI-GAU</p>	<p>trnK-UUU [complement(1959..4438)], trnV- UAC [9590..10168], trnL-UAA [complement(13306..13656)], ycf3 [16620..17332], ycf3 [17559..18301], rpoC1 [38481..39264], atpF [49090..49782], trnG- UCC [complement(52413..53095)], clpP [complement(70081..70727)], petB [73970..74793], petD [75641..76355], rpl16 [complement(81482..82574)], rpl2 [complement(84720..85409)], ndhB [complement(94334..95021)], trnI-GAU [100555..101243], trnA-UGC [101382..102197], ndhA [115200..116448]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101244..101278], trnA-UGC [101344..101381], trnA-UGC [102198..102232], ndhA [114649..115199], ndhA [116449..116989]	
2292.	MEC N	64	trnK-UUU [complement(1654..1688)], trnK-UUU [complement(4227..4263)], rps16 [complement(4729..4944)], rps16 [complement(5763..5801)], atpF [complement(12082..12492)], atpF [complement(13318..13461)], rpoC1 [complement(21435..23051)], rpoC1 [complement(23777..24208)], ycf3 [complement(44085..44237)], ycf3 [complement(45054..45281)], ycf3 [complement(46022..46147)], trnL-UAA [48943..48979], trnL-UAA [49519..49568], trnV-UAC [complement(53269..53305)], trnV-UAC [complement(53916..53954)], clpP [complement(71644..71871)], clpP [complement(72504..72795)], clpP [complement(73757..73827)], petB [76733..76738], petB [77514..78155], petD [78360..78367], petD [79161..79635], rpl16 [complement(83014..83412)], rpl16 [complement(84449..84457)], rpl2 [complement(86222..86656)], rpl2 [complement(87316..87708)], ndhB [complement(96510..97265)], ndhB [complement(97946..98725)], trnI-GAU [104344..104385], trnI-GAU [105228..105262], trnA-UGC [105332..105369], trnA-UGC [106171..106205], ndhA [complement(122194..122733)], ndhA [complement(123749..124300)], trnA-UGC [complement(136562..136596)], trnA-UGC [complement(137398..137435)], trnI-GAU [complement(137505..137539)], trnI-GAU [complement(138382..138423)], ndhB [144042..144821], ndhB [145502..146257], rpl2 [155059..155448], rpl2 [156111..156545]	trnK-UUU [complement(1689..4226)], rps16 [complement(4945..5762)], atpF [complement(12493..13317)], rpoC1 [complement(23052..23776)], ycf3 [complement(44238..45053)], ycf3 [complement(45282..46021)], trnL-UAA [48980..49518], trnV-UAC [complement(53306..53915)], clpP [complement(71872..72503)], clpP [complement(72796..73756)], petB [76739..77513], petD [78368..79160], rpl16 [complement(83413..84448)], rpl2 [complement(86657..87315)], ndhB [complement(97266..97945)], trnI-GAU [104386..105227], trnA-UGC [105370..106170], ndhA [complement(122734..123748)], trnA-UGC [complement(136597..137397)], trnI-GAU [complement(137540..138381)], ndhB [144822..145501], rpl2 [155449..156110]
2293.	MEC O	66	rps12 [complement(97822..97847)], rps12 [complement(98384..98615)], rps12 [complement(71008..71121)], trnK-UUU [complement(1704..1738)], trnK-UUU [complement(4262..4298)], rps16 [complement(4906..5107)], rps16 [complement(6015..6055)], trnG-UCC [9018..9040], trnG-UCC [9745..9792], atpF [complement(11670..12079)], atpF [complement(12841..12985)], rpoC1 [complement(20561..22171)], rpoC1 [complement(22940..23371)], ycf3 [complement(43297..43449)], ycf3 [complement(44214..44441)], ycf3 [complement(45217..45342)], trnL-UAA [48313..48349], trnL-UAA [48900..48949], trnV-UAC [complement(52550..52584)], trnV-UAC [complement(53190..53228)], rps12 [140552..140783], rps12	trnK-UUU [complement(1739..4261)], rps16 [complement(5108..6014)], trnG-UCC [9041..9744], atpF [complement(12080..12840)], rpoC1 [complement(22172..22939)], ycf3 [complement(43450..44213)], ycf3 [complement(44442..45216)], trnL-UAA [48350..48899], trnV-UAC [complement(52585..53189)], clpP [complement(71501..72110)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141320..141345], clpP [complement(71273..71500)], clpP [complement(72111..72402)], clpP [complement(73303..73373)], petB [76359..76364], petB [77060..77701], petD [77913..77920], petD [78690..79164], rpl16 [complement(82568..82966)], rpl16 [complement(83953..83961)], ndhB [complement(94982..95737)], ndhB [complement(96406..97182)], trnI-GAU [102213..102249], trnI-GAU [103197..103231], trnA-UGC [103302..103339], trnA-UGC [104163..104197], ndhA [complement(120328..120866)], ndhA [complement(121938..122490)], trnA-UGC [complement(134970..135004)], trnA-UGC [complement(135828..135865)], trnI-GAU [complement(135936..135970)], trnI-GAU [complement(136918..136954)], ndhB [141985..142761], ndhB [143430..144185]	[complement(72403..73302)], petB [76365..77059], petD [77921..78689], rpl16 [complement(82967..83952)], ndhB [complement(95738..96405)], trnI-GAU [102250..103196], trnA-UGC [103340..104162], ndhA [complement(120867..121937)], trnA-UGC [complement(135005..135827)], trnI-GAU [complement(135971..136917)], ndhB [142762..143429]
2294.	MECR	66	rps12 [complement(98715..98954)], rps12 [complement(71311..71427)], trnK-UUU [complement(1786..1820)], trnK-UUU [complement(4346..4382)], rps16 [complement(5027..5226)], rps16 [complement(6135..6180)], atpF [complement(11760..12168)], atpF [complement(12928..13070)], rpoC1 [complement(20638..22257)], rpoC1 [complement(23019..23450)], ycf3 [complement(43360..43512)], ycf3 [complement(44266..44495)], ycf3 [complement(45256..45382)], trnL-UAA [48433..48469], trnL-UAA [48834..48883], trnV-UAC [complement(52837..52873)], trnV-UAC [complement(53480..53518)], rps12 [140771..141010], clpP [complement(71579..71804)], clpP [complement(72416..72712)], clpP [complement(73603..73673)], ycf15 [94064..94118], ycf15 [94371..94465], ndhB [complement(95327..96082)], ndhB [complement(96889..97524)], trnI-GAU [102555..102596], trnI-GAU [103540..103574], trnA-UGC [103645..103682], trnA-UGC [104506..104540], ndhF [complement(110787..111456)], ndhF [complement(111511..112322)], ndhF [complement(112377..113033)], ndhA [complement(120578..121117)], ndhA [complement(122186..122737)], trnA-UGC [complement(135187..135221)], trnA-UGC [complement(136043..136080)], trnI-GAU [complement(136150..136184)], trnI-GAU [complement(137128..137169)], ndhB [142200..143023], ndhB [143623..144400], ycf15	trnK-UUU [complement(1821..4345)], rps16 [complement(5227..6134)], atpF [complement(12169..12927)], rpoC1 [complement(22258..23018)], ycf3 [complement(43513..44265)], ycf3 [complement(44496..45255)], trnL-UAA [48470..48833], trnV-UAC [complement(52874..53479)], clpP [complement(71805..72415)], clpP [complement(72713..73602)], ycf15 [94119..94370], ndhB [complement(96083..96888)], trnI-GAU [102597..103539], trnA-UGC [103683..104505], ndhF [complement(111457..111510)], ndhF [complement(112323..112376)], ndhA [complement(121118..122185)], trnA-UGC [complement(135222..136042)], trnI-GAU [complement(136185..137127)], ndhB [143024..143622], ycf15

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(145262..145351)], ycf15 [complement(145601..145711)], ycf2 [complement(146051..149101)], ycf2 [complement(149279..152245)]	[complement(145352..145600)], ycf2 [complement(149102..149278)]
2295.	MED A	73	rps12 [complement(101854..101879)], rps12 [complement(102416..102647)], rps12 [complement(74176..74289)], trnK-UUU [complement(2277..2311)], trnK-UUU [complement(4812..4848)], rps16 [complement(5749..5987)], rps16 [complement(6855..6894)], trnG-UCC [10319..10341], trnG-UCC [11058..11105], atpF [complement(13093..13151)], atpF [complement(14222..14366)], rpoC1 [complement(22164..23765)], rpoC1 [complement(24553..24984)], ycf3 [complement(46036..46188)], ycf3 [complement(46926..47155)], ycf3 [complement(47893..48016)], trnL-UAA [51345..51379], trnL-UAA [51882..51931], trnV-UAC [complement(55390..55424)], trnV-UAC [complement(56023..56061)], rps12 [complement(74176..74289)], rps12 [144847..145078], rps12 [145615..145640], clpP [complement(74373..74619)], clpP [complement(75272..75562)], clpP [complement(76381..76451)], petB [79395..79400], petB [80247..80888], petD [81090..81097], petD [81822..82317], rpl16 [complement(85835..86233)], rpl16 [complement(87278..87286)], rpl2 [complement(89003..89436)], rpl2 [complement(90097..90487)], ndhB [complement(98767..99522)], ndhB [complement(100217..100993)], trnI-GAU [106539..106575], trnI-GAU [107528..107562], trnA-UGC [107627..107664], trnA-UGC [108465..108499], ndhA [complement(124214..124752)], ndhA [complement(125950..126502)], trnA-UGC [complement(139004..139038)], trnA-UGC [complement(139839..139876)], trnI-GAU [complement(139941..139975)], trnI-GAU [complement(140928..140964)], ndhB [146501..147277], ndhB [147972..148727], rpl2 [157022..157406], rpl2 [158067..158500]	trnK-UUU [complement(2312..4811)], rps16 [complement(5988..6854)], trnG-UCC [10342..11057], atpF [complement(13152..14221)], rpoC1 [complement(23766..24552)], ycf3 [complement(46189..46925)], ycf3 [complement(47156..47892)], trnL-UAA [51380..51881], trnV-UAC [complement(55425..56022)], clpP [complement(74620..75271)], clpP [complement(75563..76380)], petB [79401..80246], petD [81098..81821], rpl16 [complement(86234..87277)], rpl2 [complement(89437..90096)], ndhB [complement(99523..100216)], trnI-GAU [106576..107527], trnA-UGC [107665..108464], ndhA [complement(124753..125949)], trnA-UGC [complement(139039..139838)], trnI-GAU [complement(139976..140927)], ndhB [147278..147971], rpl2 [157407..158066]
2296.	MEDE	40	rps12 [complement(71728..71967)], trnK-UUU [complement(1746..1780)], trnK-UUU [complement(4304..4340)], trnG-UCC [10163..10185], trnG-UCC [10892..10939], trnL-UAA [49795..49831], trnL-UAA [50337..50385], trnV-UAC [complement(53875..53911)], trnV-UAC [complement(54493..54531)], rps12 [143380..143392], trnI-GAU [104006..104047], trnI-GAU [104988..105022], trnA-UGC [105087..105124], trnA-UGC [105933..105967],	trnK-UUU [complement(1781..4303)], rps16 [complement(5396..6282)], trnG-UCC [10186..10891], atpF [complement(13330..13979)], ycf3 [complement(44918..45673)], ycf3 [complement(45902..46617)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(136738..136772)], trnA-UGC [complement(137581..137618)], trnI-GAU [complement(137683..137717)], trnI-GAU [complement(138658..138699)]	[49832..50336], trnV-UAC [complement(53912..54492)], clpP [complement(72352..72996)], clpP [complement(73288..74058)], petB [77095..77879], petD [78709..79463], rpl16 [complement(83811..84763)], rpl2 [complement(86912..87568)], ndhB [complement(97025..97703)], trnI-GAU [104048..104987], trnA-UGC [105125..105932], ndhA [complement(122714..123776)], trnA-UGC [complement(136773..137580)], trnI-GAU [complement(137718..138657)], ndhB [145002..145680], rpl2 [155137..155793]
2297.	MEDL	67	trnK [complement(1679..1714)], trnK [complement(4286..4322)], trnT [8444..8477], trnT [9198..9240], atpF [complement(11361..11770)], atpF [complement(12500..12644)], rpoC1 [complement(20080..21690)], rpoC1 [complement(22486..22917)], ycf3 [complement(42517..42669)], ycf3 [complement(43484..43711)], ycf3 [complement(44429..44554)], trnL [47011..47045], trnL [47327..47376], trnV [complement(50852..50886)], trnV [complement(51494..51532)], rps12 [complement(69032..69145)], rps12 [139853..140084], rps12 [140622..140647], clpP [complement(69329..69556)], clpP [complement(70133..70424)], clpP [complement(71321..71391)], petB [74311..74316], petB [75107..75748], petD [75933..75940], petD [76658..77132], rpl16 [complement(80671..81069)], rpl16 [complement(82165..82173)], rpl2 [complement(83860..84294)], rpl2 [complement(84985..85374)], ndhB [complement(94402..95163)], ndhB [complement(95849..96625)], trnE [102193..102224], trnE [103173..103212], trnA [103277..103313], trnA [104115..104150], ndhA [complement(119683..120212)], ndhA [complement(121304..121856)], trnA [complement(133956..133991)], trnA [complement(134793..134829)], trnE [complement(134894..134933)], trnE [complement(135882..135913)], ndhB	trnK [complement(1715..4285)], trnT [8478..9197], atpF [complement(11771..12499)], rpoC1 [complement(21691..22485)], ycf3 [complement(42670..43483)], ycf3 [complement(43712..44428)], trnL [47046..47326], trnV [complement(50887..51493)], clpP [complement(69557..70132)], clpP [complement(70425..71320)], petB [74317..75106], petD [75941..76657], rpl16 [complement(81070..82164)], rpl2 [complement(84295..84984)], ndhB [complement(95164..95848)], trnE [102225..103172], trnA [103314..104114], ndhA [complement(120213..121303)], trnA [complement(133992..134792)], trnE [complement(134934..135881)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141481..142257], ndhB [142943..143704], rpl2 [152732..153121], rpl2 [153812..154246]	[142258..142942], rpl2 [153122..153811]
2298.	MED O	64	trnK-UUU [complement(1657..1691)], trnK-UUU [complement(4229..4265)], rps16 [complement(4732..4947)], rps16 [complement(5765..5803)], atpF [complement(12056..12466)], atpF [complement(13293..13436)], rpoC1 [complement(21416..23034)], rpoC1 [complement(23761..24190)], ycf3 [complement(44008..44162)], ycf3 [complement(44986..45211)], ycf3 [complement(45952..46077)], trnL-UAA [48881..48917], trnL-UAA [49456..49505], trnV-UAC [complement(53206..53242)], trnV-UAC [complement(53854..53892)], clpP [complement(71600..71827)], clpP [complement(72460..72751)], clpP [complement(73703..73773)], petB [76657..76662], petB [77437..78078], petD [78283..78290], petD [79085..79559], rpl16 [complement(82938..83336)], rpl16 [complement(84376..84384)], rpl2 [complement(86152..86585)], rpl2 [complement(87248..87638)], ndhB [complement(96438..97193)], ndhB [complement(97874..98653)], trnI-GAU [104272..104313], trnI-GAU [105156..105190], trnA-UGC [105260..105297], trnA-UGC [106099..106133], ndhA [complement(122131..122673)], ndhA [complement(123689..124237)], trnA-UGC [complement(136493..136527)], trnA-UGC [complement(137329..137366)], trnI-GAU [complement(137436..137470)], trnI-GAU [complement(138313..138354)], ndhB [143973..144752], ndhB [145433..146188], rpl2 [154988..155380], rpl2 [156040..156474]	trnK-UUU [complement(1692..4228)], rps16 [complement(4948..5764)], atpF [complement(12467..13292)], rpoC1 [complement(23035..23760)], ycf3 [complement(44163..44985)], ycf3 [complement(45212..45951)], trnL-UAA [48918..49455], trnV-UAC [complement(53243..53853)], clpP [complement(71828..72459)], clpP [complement(72752..73702)], petB [76663..77436], petD [78291..79084], rpl16 [complement(83337..84375)], rpl2 [complement(86586..87247)], ndhB [complement(97194..97873)], trnI-GAU [104314..105155], trnA-UGC [105298..106098], ndhA [complement(122674..123688)], trnA-UGC [complement(136528..137328)], trnI-GAU [complement(137471..138312)], ndhB [144753..145432], rpl2 [155381..156039]
2299.	MEFA	22	rpl2 [39671..40061], rpl2 [40722..41191], clpP [54200..54560], clpP [55216..55436], accD [complement(66433..67087)], accD [complement(67223..67437)], accD [complement(67486..67995)], atpF [complement(74323..74729)], atpF [complement(75396..75570)], rpoC1 [complement(83609..85231)], rpoC1 [complement(86019..86453)], ycf3 [complement(106080..106232)], ycf3 [complement(106977..107206)], ycf3 [complement(107916..108042)]	rpl2 [40062..40721], clpP [54561..55215], accD [complement(67088..67222)], accD [complement(67438..67485)], atpF [complement(74730..75395)], rpoC1 [complement(85232..86018)], ycf3 [complement(106233..106976)], ycf3 [complement(107207..107915)]
2300.	MEGL	21	petD [4867..4874], rps12 [122176..122289], rps12 [complement(26671..26902)], rps12 [complement(26111..26136)]	petB [2987..4031], petD [4875..5524], rpl16 [complement(10093..10980)], rpl2 [complement(13170..13818)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(23870..24557)], trnI-GAU [31043..31944], trnA-UGC [32070..32826], ndhA [43396..44162], trnL-UAA [complement(49634..50127)], ycf3 [52768..53466], ycf3 [53695..54398], rpoC1 [73023..73722], atpF [82186..82892], trnG-UCC [complement(85255..86018)], trnK-UUU [91907..94345], trnV-UAC [complement(103325..103846)], rps18 [complement(123936..124010)]
2301.	MEHY	26	trnK-UUU [complement(1690..1718)], trnK-UUU [complement(4232..4268)], trnV-UAC [9367..9404], trnV-UAC [9982..10018], trnL-UAA [complement(13075..13124)], trnL-UAA [complement(13476..13512)], trnI-GAU [99675..99716], trnI-GAU [100401..100435], trnA-UGC [100501..100538], trnA-UGC [101353..101387]	trnK-UUU [complement(1719..4231)], trnV-UAC [9405..9981], trnL-UAA [complement(13125..13475)], ycf3 [16453..17164], ycf3 [17393..18134], rpoC1 [38326..39103], atpF [49073..49741], clpP [complement(69585..70246)], petB [73494..74322], petD [75171..75886], rpl16 [complement(80959..82035)], rpl2 [complement(84169..84861)], ndhB [complement(93560..94247)], trnI-GAU [99717..100400], trnA-UGC [100539..101352], ndhA [114213..115425]
2302.	MEIN	52	rps12 [complement(95806..96063)], rps12 [complement(68588..68701)], trnK-UUU [complement(1873..1907)], trnK-UUU [complement(4386..4422)], trnV-UAC [9543..9578], trnV-UAC [10163..10199], trnL-UAA [complement(13070..13119)], trnL-UAA [complement(13471..13507)], ycf3 [16267..16392], ycf3 [17095..17320], ycf3 [18045..18199], rpoC1 [37728..38157], rpoC1 [38947..40571], atpF [48896..49039], atpF [49723..50133], trnG-UCC [complement(52239..52287)], trnG-UCC [complement(52967..52989)], clpP [complement(69597..69821)], clpP [complement(70444..70806)], petB [73688..73693], petB [74524..75165], petD [75362..75369], petD [76082..76556], rpl16 [complement(80658..81056)],	trnK-UUU [complement(1908..4385)], trnV-UAC [9579..10162], trnL-UAA [complement(13120..13470)], ycf3 [16393..17094], ycf3 [17321..18044], rpoC1 [38158..38946], atpF [49040..49722], trnG-UCC [complement(52288..52966)], clpP [complement(69822..70443)], petB [73694..74523], petD [75370..76081], rpl16 [complement(81057..82141)], rpl2 [complement(84252..84956)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(82142..82150)], rpl2 [complement(83818..84251)], rpl2 [complement(84957..85347)], ndhB [complement(92844..93599)], ndhB [complement(94287..95009)], trnI-GAU [99777..99813], trnI-GAU [100503..100537], trnA-UGC [100603..100640], trnA-UGC [101454..101488], ndhA [113907..114457], ndhA [115698..116238]	[complement(93600..94286)], trnI-GAU [99814..100502], trnA-UGC [100641..101453], ndhA [114458..115697]
2303.	MELA	52	trnK-UUU [complement(1846..1880)], trnK-UUU [complement(4361..4397)], trnV-UAC [9450..9485], trnV-UAC [10068..10104], trnL-UAA [complement(13068..13117)], trnL-UAA [complement(13474..13510)], ycf3 [16173..16298], ycf3 [17007..17232], ycf3 [17977..18131], rpoC1 [37268..37697], rpoC1 [38488..40112], atpF [48430..48573], atpF [49255..49665], trnG-UCC [complement(51800..51848)], trnG-UCC [complement(52533..52555)], rps12 [complement(67147..67260)], rps12 [101107..101364], clpP [complement(68163..68387)], clpP [complement(69003..69365)], petB [72257..72262], petB [73116..73757], petD [73955..73962], petD [74682..75156], rpl16 [complement(79316..79714)], rpl16 [complement(80781..80789)], rpl2 [complement(82845..83278)], rpl2 [complement(83990..84380)], trnA-UGC [complement(95756..95790)], trnA-UGC [complement(96604..96641)], trnI-GAU [complement(96707..96741)], trnI-GAU [complement(97431..97467)], ndhB [102160..102882], ndhB [103571..104326], ndhA [111949..112499], ndhA [113727..114267]	trnK-UUU [complement(1881..4360)], trnV-UAC [9486..10067], trnL-UAA [complement(13118..13473)], ycf3 [16299..17006], ycf3 [17233..17976], rpoC1 [37698..38487], atpF [48574..49254], trnG-UCC [complement(51849..52532)], clpP [complement(68388..69002)], petB [72263..73115], petD [73963..74681], rpl16 [complement(79715..80780)], rpl2 [complement(83279..83989)], trnA-UGC [complement(95791..96603)], trnI-GAU [complement(96742..97430)], ndhB [102883..103570], ndhA [112500..113726]
2304.	MELO	24	rps12 [138771..138796]	trnK-UUU [complement(1706..4238)], rps16 [complement(5028..5908)], trnG-UCC [8990..9676], atpF [complement(12120..12809)], rpoC1 [complement(22359..23115)], ycf3 [complement(42133..42871)], ycf3 [complement(43100..43798)], trnL-UAA [46951..47445], trnV-UAC [complement(51171..51740)], clpP [complement(69547..70162)], clpP [complement(70455..71173)], petB [74172..74899], petD [75737..76440], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(80758..81632)], rpl2 [complement(83744..84408)], ndhB [complement(94213..94887)], trnI-GAU [100993..101938], trnA-UGC [102081..102885], ndhA [complement(118455..119454)], trnA-UGC [complement(132362..133166)], trnI-GAU [complement(133309..134254)], ndhB [140360..141034], rpl2 [150839..151503]
2305.	MELP	44	rps12 [complement(91314..91571)], rps12 [complement(64638..64751)], trnK-UUU [complement(1687..1721)], trnK-UUU [complement(4210..4246)], ycf3 [complement(6947..7101)], ycf3 [complement(7846..8071)], ycf3 [complement(8764..8889)], trnL-UAA [11239..11275], trnL-UAA [11627..11676], trnV-UAC [complement(14609..14645)], trnV-UAC [complement(15226..15261)], trnG-UCC [complement(49641..49689)], trnG- UCC [complement(50344..50366)], petB [69215..69220], petB [69992..70633], petD [70831..70838], petD [71551..72025], rpl16 [complement(76041..76439)], rpl16 [complement(77269..77277)], rpl2 [complement(78712..79145)], rpl2 [complement(79839..80220)], ndhB [complement(88352..89107)], ndhB [complement(89796..90518)], rps12 [103178..103291], trnI-GAU [95080..95116], trnI-GAU [95808..95842], trnA- UGC [95908..95945], trnA-UGC [96759..96793], ndhA [111055..111605], ndhA [112844..113384]	trnK-UUU [complement(1722..4209)], ycf3 [complement(7102..7845)], ycf3 [complement(8072..8763)], trnL-UAA [11276..11626], trnV-UAC [complement(14646..15225)], trnG-UCC [complement(49690..50343)], petB [69221..69991], petD [70839..71550], rpl16 [complement(76440..77268)], rpl2 [complement(79146..79838)], ndhB [complement(89108..89795)], trnI-GAU [95117..95807], trnA-UGC [95946..96758], ndhA [111606..112843]
2306.	MELU	72	rps12 [complement(96882..96911)], rps12 [complement(97454..97681)], rps12 [complement(68373..68489)], trnK-UUU [complement(1451..1485)], trnK-UUU [complement(4055..4091)], rps16 [complement(4785..4990)], rps16 [complement(5827..5866)], trnG-UCC [8714..8737], trnG-UCC [9490..9537], atpF [complement(11511..11921)], atpF [complement(12753..12896)], rpoC1 [complement(20431..22041)], rpoC1 [complement(22785..23219)], ycf3 [complement(41876..42034)], ycf3 [complement(42785..43012)], ycf3 [complement(43741..43866)], trnL-UAA [46679..46713], trnL-UAA [47231..47280], trnV-UAC [complement(50938..50974)], trnV-UAC	trnK-UUU [complement(1486..4054)], rps16 [complement(4991..5826)], trnG-UCC [8738..9489], atpF [complement(11922..12752)], rpoC1 [complement(22042..22784)], ycf3 [complement(42035..42784)], ycf3 [complement(43013..43740)], trnL-UAA [46714..47230], trnV-UAC [complement(50975..51572)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51573..51611)], rps12 [138976..139215], rps12 [139748..139774], clpP [complement(68633..68884)], clpP [complement(69563..69853)], clpP [complement(70676..70744)], petB [73676..73681], petB [74490..75131], petD [75331..75338], petD [76131..76644], rpl16 [complement(80074..80472)], rpl16 [complement(81370..81378)], rpl2 [complement(83238..83669)], rpl2 [complement(84334..84723)], ndhB [complement(93804..94559)], ndhB [complement(95260..96036)], trnI-GAU [101554..101595], trnI-GAU [102535..102569], trnA-UGC [102634..102671], trnA-UGC [103477..103511], ndhA [complement(118774..119316)], ndhA [complement(120392..120943)], trnA-UGC [complement(133149..133183)], trnA-UGC [complement(133989..134026)], trnI-GAU [complement(134091..134125)], trnI-GAU [complement(135065..135106)], ndhB [140624..141400], ndhB [142101..142856], rpl2 [151937..152326], rpl2 [152991..153422]	[complement(68885..69562)], clpP [complement(69854..70675)], petB [73682..74489], petD [75339..76130], rpl16 [complement(80473..81369)], rpl2 [complement(83670..84333)], ndhB [complement(94560..95259)], trnI-GAU [101596..102534], trnA-UGC [102672..103476], ndhA [complement(119317..120391)], trnA-UGC [complement(133184..133988)], trnI-GAU [complement(134126..135064)], ndhB [141401..142100], rpl2 [152327..152990]
2307.	MEM A	64	rps12 [complement(91006..91034)], rps12 [complement(91575..91806)], rps12 [complement(68100..68213)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3921..3958)], rps16 [complement(4501..4718)], rps16 [complement(5552..5591)], trnG-UCC [complement(13301..13348)], trnG-UCC [complement(14028..14050)], atpF [34183..34341], atpF [35156..35563], ycf3 [complement(43374..43532)], ycf3 [complement(44264..44491)], ycf3 [complement(45224..45349)], trnL-UAA [47934..47968], trnL-UAA [48519..48568], trnV-UAC [complement(52037..52083)], trnV-UAC [complement(52676..52714)], rps12 [128233..128464], rps12 [129005..129033], petB [71961..71966], petB [72718..73365], petD [73554..73561], petD [74297..74771], rpl16 [complement(78337..78738)], rpl16 [complement(79663..79671)], rpl2 [complement(81622..82053)], rpl2 [complement(82714..83106)], ndhB [complement(87944..88700)], ndhB [complement(89411..90186)], trnI-GAU [95608..95649], trnI-GAU [96597..96631], trnA-UGC [96697..96734], trnA-UGC [97545..97579], ndhA [complement(113031..113570)], ndhA [complement(114562..115101)], trnA-UGC [complement(122460..122494)], trnA-UGC [complement(123305..123342)], trnI-GAU [complement(123408..123442)],	trnK-UUU [complement(1410..3920)], rps16 [complement(4719..5551)], trnG-UCC [complement(13349..14027)], atpF [34342..35155], ycf3 [complement(43533..44263)], ycf3 [complement(44492..45223)], trnL-UAA [47969..48518], trnV-UAC [complement(52084..52675)], petB [71967..72717], petD [73562..74296], rpl16 [complement(78739..79662)], rpl2 [complement(82054..82713)], ndhB [complement(88701..89410)], trnI-GAU [95650..96596], trnA-UGC [96735..97544], ndhA [complement(113571..114561)], trnA-UGC [complement(122495..123304)], trnI-GAU [complement(123443..124389)], ndhB [130630..131339], rpl2 [137326..137985]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(124390..124431)], ndhB [129853..130629], ndhB [131340..132095], rpl2 [136933..137325], rpl2 [137986..138417]	
2308.	MEMI	53	rps12 [complement(98524..98781)], rps12 [complement(65115..65228)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4189..4225)], ycf3 [complement(6912..7066)], ycf3 [complement(7818..8043)], ycf3 [complement(8754..8879)], trnL-UAA [11274..11310], trnL-UAA [11637..11686], trnV-UAC [complement(14609..14645)], trnV-UAC [complement(15226..15261)], atpF [46601..46744], atpF [47438..47836], trnG-UCC [complement(49959..50007)], trnG-UCC [complement(50657..50679)], clpP [complement(67276..67500)], clpP [complement(68176..68538)], petB [76331..76336], petB [77094..77735], petD [77931..77938], petD [78639..79113], rpl16 [complement(83296..83694)], rpl16 [complement(84746..84754)], rpl2 [complement(86195..86628)], rpl2 [complement(87329..87710)], ndhB [complement(95549..96304)], ndhB [complement(96994..97716)], rps12 [112442..112555], trnI-GAU [102222..102258], trnI-GAU [102948..102982], trnA-UGC [103048..103085], trnA-UGC [103905..103939], clpP [109132..109494], clpP [110170..110394], ndhA [120700..121250], ndhA [122485..123025]	trnK-UUU [complement(1731..4188)], ycf3 [complement(7067..7817)], ycf3 [complement(8044..8753)], trnL-UAA [11311..11636], trnV-UAC [complement(14646..15225)], atpF [46745..47437], trnG-UCC [complement(50008..50656)], clpP [complement(67501..68175)], petB [76337..77093], petD [77939..78638], rpl16 [complement(83695..84745)], rpl2 [complement(86629..87328)], ndhB [complement(96305..96993)], trnI-GAU [102259..102947], trnA-UGC [103086..103904], clpP [109495..110169], ndhA [121251..122484]
2309.	MEMO	49	rps12 [complement(92180..92437)], rps12 [complement(64237..64350)], trnK-UUU [complement(1767..1801)], trnK-UUU [complement(4286..4322)], trnV-UAC [9379..9414], trnV-UAC [9995..10031], trnL-UAA [complement(12659..12708)], trnL-UAA [complement(13051..13087)], ycf3 [15302..15427], ycf3 [16171..16396], ycf3 [17126..17280], atpF [45834..45977], atpF [46656..47063], trnG-UCC [complement(49169..49217)], trnG-UCC [complement(49897..49919)], clpP [complement(65490..65720)], clpP [complement(66366..66728)], petB [69585..69590], petB [70422..71063], petD [71260..71267], petD [72018..72492], rpl16 [complement(76441..76839)], rpl16 [complement(77886..77894)], rpl2 [complement(79452..79885)], rpl2 [complement(80584..80974)], ndhB [complement(89212..89967)], ndhB [complement(90656..91378)], trnI-GAU [96118..96154], trnI-GAU [96838..96872], trnA-UGC [96945..96982], trnA-UGC [97802..97836], ndhA [109897..110447], ndhA [111671..112211]	trnK-UUU [complement(1802..4285)], trnV-UAC [9415..9994], trnL-UAA [complement(12709..13050)], ycf3 [15428..16170], ycf3 [16397..17125], atpF [45978..46655], trnG-UCC [complement(49218..49896)], clpP [complement(65721..66365)], petB [69591..70421], petD [71268..72017], rpl16 [complement(76840..77885)], rpl2 [complement(79886..80583)], ndhB [complement(89968..90655)], trnI-GAU [96155..96837], trnA-UGC [96983..97801], ndhA [110448..111670]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2310.	MEM R	52	rps12 [complement(94934..95191)], rps12 [complement(67949..68062)], trnK-UUU [complement(1868..1902)], trnK-UUU [complement(4377..4413)], trnV-UAC [9548..9583], trnV-UAC [10164..10200], trnL-UAA [complement(13032..13081)], trnL-UAA [complement(13429..13465)], ycf3 [16238..16363], ycf3 [17077..17302], ycf3 [18047..18201], rpoC1 [37897..38326], rpoC1 [39120..40744], atpF [48781..48924], atpF [49618..50028], trnG-UCC [complement(52202..52250)], trnG-UCC [complement(52934..52956)], clpP [complement(68811..69035)], clpP [complement(69660..70022)], petB [72899..72904], petB [73734..74375], petD [74572..74579], petD [75297..75771], rpl16 [complement(79929..80327)], rpl16 [complement(81410..81418)], rpl2 [complement(83122..83555)], rpl2 [complement(84252..84642)], ndhB [complement(91972..92727)], ndhB [complement(93416..94138)], trnI-GAU [98807..98843], trnI-GAU [99533..99567], trnA-UGC [99633..99670], trnA-UGC [100485..100519], ndhA [112808..113358], ndhA [114580..115120]	trnK-UUU [complement(1903..4376)], trnV-UAC [9584..10163], trnL-UAA [complement(13082..13428)], ycf3 [16364..17076], ycf3 [17303..18046], rpoC1 [38327..39119], atpF [48925..49617], trnG-UCC [complement(52251..52933)], clpP [complement(69036..69659)], petB [72905..73733], petD [74580..75296], rpl16 [complement(80328..81409)], rpl2 [complement(83556..84251)], ndhB [complement(92728..93415)], trnI-GAU [98844..99532], trnA-UGC [99671..100484], ndhA [113359..114579]
2311.	MEM U	61	rps12 [complement(88545..88572)], rps12 [complement(89107..89327)], rps12 [complement(67338..67451)], trnK [complement(1383..1407)], trnK [complement(3923..3961)], rps16 [complement(4534..4751)], rps16 [complement(5548..5587)], trnG [complement(12894..12941)], trnG [complement(13616..13639)], atpF [33414..33558], atpF [34387..34793], ycf3 [complement(42562..42720)], ycf3 [complement(43442..43671)], ycf3 [complement(44411..44534)], trnL [47234..47268], trnL [47813..47862], trnV [complement(51341..51375)], trnV [complement(51974..52012)], rps12 [125850..126081], rps12 [126616..126644], petD [72809..72816], petD [73560..74034], rpl16 [complement(77652..78053)], rpl16 [complement(79062..79070)], rpl2 [complement(81067..81497)], rpl2 [complement(82161..82551)], ndhB [complement(85471..86226)], ndhB [complement(86941..87717)], trnI [93103..93139], trnI [93946..93980], trnA [94046..94083], trnA [94895..94929], ndhA [complement(110803..111341)], ndhA [complement(112349..112898)], trnA [complement(120260..120294)], trnA [complement(121106..121143)], trnI [complement(121209..121243)], trnI [complement(122050..122086)], ndhB [127472..128248], ndhB	trnK [complement(1408..3922)], rps16 [complement(4752..5547)], trnG [complement(12942..13615)], atpF [33559..34386], ycf3 [complement(42721..43441)], ycf3 [complement(43672..44410)], trnL [47269..47812], trnV [complement(51376..51973)], petD [72817..73559], rpl16 [complement(78054..79061)], rpl2 [complement(81498..82160)], ndhB [complement(86227..86940)], trnI [93140..93945], trnA [94084..94894], ndhA [complement(111342..112348)], trnA [complement(120295..121105)], trnI [complement(121244..122049)], ndhB [128249..128962], rpl2 [133029..133691]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[128963..129718], rpl2 [132638..133028], rpl2 [133692..134122]	
2312.	MEO R	52	rps12 [complement(95391..95648)], rps12 [complement(68396..68509)], trnK-UUU [complement(1769..1803)], trnK-UUU [complement(4281..4317)], trnV-UAC [9431..9466], trnV-UAC [10059..10095], trnL-UAA [complement(13069..13118)], trnL-UAA [complement(13470..13506)], ycf3 [16226..16351], ycf3 [17061..17286], ycf3 [18031..18185], rpoC1 [37753..38182], rpoC1 [38969..40593], atpF [48888..49031], atpF [49710..50120], trnG-UCC [complement(52253..52301)], trnG-UCC [complement(52981..53003)], clpP [complement(69321..69545)], clpP [complement(70211..70573)], petB [73444..73449], petB [74296..74937], petD [75125..75132], petD [75845..76319], rpl16 [complement(80441..80839)], rpl16 [complement(81920..81928)], rpl2 [complement(83618..84051)], rpl2 [complement(84750..85110)], ndhB [complement(92421..93176)], ndhB [complement(93865..94587)], trnI-GAU [99167..99203], trnI-GAU [99893..99927], trnA-UGC [99993..100030], trnA-UGC [100845..100879], ndhA [113257..113807], ndhA [115047..115587]	trnK-UUU [complement(1804..4280)], trnV-UAC [9467..10058], trnL-UAA [complement(13119..13469)], ycf3 [16352..17060], ycf3 [17287..18030], rpoC1 [38183..38968], atpF [49032..49709], trnG-UCC [complement(52302..52980)], clpP [complement(69546..70210)], petB [73450..74295], petD [75133..75844], rpl16 [complement(80840..81919)], rpl2 [complement(84052..84749)], ndhB [complement(93177..93864)], trnI-GAU [99204..99892], trnA-UGC [100031..100844], ndhA [113808..115046]
2313.	MEPA	28	trnK-UUU [complement(1689..1717)], trnK-UUU [complement(4231..4267)], trnV-UAC [9365..9402], trnV-UAC [9980..10016], trnL-UAA [complement(13073..13122)], trnL-UAA [complement(13474..13510)], clpP [complement(69469..69693)], clpP [complement(70345..70707)], trnI-GAU [99651..99692], trnI-GAU [100377..100411], trnA-UGC [100477..100514], trnA-UGC [101329..101363]	trnK-UUU [complement(1718..4230)], trnV-UAC [9403..9979], trnL-UAA [complement(13123..13473)], ycf3 [16451..17162], ycf3 [17391..18134], rpoC1 [38322..39100], atpF [48931..49599], clpP [complement(69694..70344)], petB [73592..74421], petD [75270..75981], rpl16 [complement(81047..82123)], rpl2 [complement(84257..84949)], ndhB [complement(93557..94244)], trnI-GAU [99693..100376], trnA-UGC [100515..101328], ndhA [114204..115422]
2314.	MEPC	72	rps12 [complement(99865..99890)], rps12 [complement(100435..100666)], rps12 [complement(71572..71685)], trnK-UUU [complement(1759..1793)], trnK-UUU [complement(4353..4389)], rps16 [complement(4692..4909)], rps16 [complement(5680..5719)], trnG [8778..8800], trnG [9559..9606], atpF	trnK-UUU [complement(1794..4352)], rps16 [complement(4910..5679)], trnG [8801..9558], atpF [complement(12355..13144)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(11945..12354)], atpF [complement(13145..13289)], rpoC1 [complement(21274..22890)], rpoC1 [complement(23660..24091)], ycf3 [complement(43486..43638)], ycf3 [complement(44459..44688)], ycf3 [complement(45431..45554)], trnL [48810..48844], trnL [49382..49431], trnC-ACA [complement(53103..53136)], trnC-ACA [complement(53731..53769)], rps12 [142909..143140], rps12 [143685..143710], clpP [complement(71881..72108)], clpP [complement(72728..73019)], clpP [complement(73925..73995)], petB [76906..76911], petB [77698..78339], petD [78532..78539], petD [79325..79799], rpl16 [complement(83451..83849)], rpl16 [complement(84857..84865)], rpl2 [complement(86619..87052)], rpl2 [complement(87724..88114)], ndhB [complement(96830..97585)], ndhB [complement(98266..99042)], trnI-GAU [104631..104667], trnI-GAU [105520..105554], trnA-UGC [105623..105660], trnA-UGC [106460..106494], ndhA [complement(122544..123085)], ndhA [complement(124128..124680)], trnA-UGC [complement(137084..137118)], trnA-UGC [complement(137918..137955)], trnI-GAU [complement(138024..138058)], trnI-GAU [complement(138908..138944)], ndhB [144533..145309], ndhB [145990..146745], rpl2 [155461..155851], rpl2 [156523..156956]</p>	<p>[complement(22891..23659)], ycf3 [complement(43639..44458)], ycf3 [complement(44689..45430)], trnL [48845..49381], trnC-ACA [complement(53137..53730)], clpP [complement(72109..72727)], clpP [complement(73020..73924)], petB [76912..77697], petD [78540..79324], rpl16 [complement(83850..84856)], rpl2 [complement(87053..87723)], ndhB [complement(97586..98265)], trnI-GAU [104668..105519], trnA-UGC [105661..106459], ndhA [complement(123086..124127)], trnA-UGC [complement(137119..137917)], trnI-GAU [complement(138059..138907)], ndhB [145310..145989], rpl2 [155852..156522]</p>
2315.	MEPI	52	<p>rps12 [complement(94767..95024)], rps12 [complement(67861..67974)], trnK-UUU [complement(1864..1898)], trnK-UUU [complement(4375..4411)], trnV-UAC [9524..9559], trnV-UAC [10134..10170], trnL-UAA [complement(13190..13239)], trnL-UAA [complement(13591..13627)], ycf3 [16113..16238], ycf3 [16951..17176], ycf3 [17925..18079], rpoC1 [37724..38153], rpoC1 [38943..40567], atpF [48595..48738], atpF [49438..49848], trnG-UCC [complement(51993..52041)], trnG-UCC [complement(52724..52746)], clpP [complement(68692..68916)], clpP [complement(69548..69910)], petB [72789..72794], petB [73624..74265], petD [74464..74471], petD [75181..75655], rpl16 [complement(79792..80190)], rpl16 [complement(81269..81277)], rpl2 [complement(82961..83394)], rpl2 [complement(84091..84481)], ndhB [complement(91805..92560)], ndhB [complement(93249..93971)], trnI-GAU [98553..98589], trnI-GAU [99279..99313], trnA-UGC [99379..99416], trnA-UGC [100234..100268],</p>	<p>trnK-UUU [complement(1899..4374)], trnV-UAC [9560..10133], trnL-UAA [complement(13240..13590)], ycf3 [16239..16950], ycf3 [17177..17924], rpoC1 [38154..38942], atpF [48739..49437], trnG-UCC [complement(52042..52723)], clpP [complement(68917..69547)], petB [72795..73623], petD [74472..75180], rpl16 [complement(80191..81268)], rpl2 [complement(83395..84090)], ndhB [complement(92561..93248)], trnI-GAU [98590..99278], trnA-UGC [99417..100233], ndhA [112864..114082]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [112313..112863], ndhA [114083..114623]	
2316.	MEPO	52	rps12 [complement(94402..94659)], rps12 [complement(66409..66522)], trnK-UUU [complement(1819..1853)], trnK-UUU [complement(4351..4387)], trnV-UAC [9469..9504], trnV-UAC [10085..10121], trnL-UAA [complement(13090..13139)], trnL-UAA [complement(13491..13527)], ycf3 [16087..16212], ycf3 [16918..17143], ycf3 [17882..18036], rpoC1 [37054..37483], rpoC1 [38272..39902], atpF [48054..48197], atpF [48879..49289], trnG-UCC [complement(51447..51495)], trnG-UCC [complement(52179..52201)], clpP [complement(68285..68509)], clpP [complement(69146..69508)], petB [72425..72430], petB [73162..73803], petD [74010..74017], petD [74732..75206], rpl16 [complement(79340..79738)], rpl16 [complement(80807..80815)], rpl2 [complement(82513..82946)], rpl2 [complement(83653..84043)], ndhB [complement(91448..92203)], ndhB [complement(92883..93605)], trnI-GAU [98440..98476], trnI-GAU [99167..99201], trnA-UGC [99267..99304], trnA-UGC [100117..100151], ndhA [112414..112964], ndhA [114186..114726]	trnK-UUU [complement(1854..4350)], trnV-UAC [9505..10084], trnL-UAA [complement(13140..13490)], ycf3 [16213..16917], ycf3 [17144..17881], rpoC1 [37484..38271], atpF [48198..48878], trnG-UCC [complement(51496..52178)], clpP [complement(68510..69145)], petB [72431..73161], petD [74018..74731], rpl16 [complement(79739..80806)], rpl2 [complement(82947..83652)], ndhB [complement(92204..92882)], trnI-GAU [98477..99166], trnA-UGC [99305..100116], ndhA [112965..114185]
2317.	MEPU	49	rps12 [complement(99125..99150)], rps12 [complement(99691..99922)], rps12 [complement(70884..70997)], trnK [complement(1624..1658)], trnK [complement(4218..4254)], rps16 [complement(4692..4909)], rps16 [complement(5706..5745)], trnG [8845..8867], trnG [9624..9672], atpF [complement(11872..12281)], atpF [complement(13098..13242)], rpoC1 [complement(21319..22935)], rpoC1 [complement(23622..24053)], ycf3 [complement(43441..43593)], ycf3 [complement(44399..44626)], ycf3 [complement(45365..45490)], trnL [48241..48275], trnL [48779..48828], trnV [complement(52226..52260)], trnV [complement(52871..52909)], rps12 [141868..142099], rps12 [142640..142665], clpP [complement(71189..71416)], clpP [complement(72052..72343)], clpP [complement(73291..73361)], petB [76270..76275], petB [77043..77684], petD [77879..77886], petD [78681..79155], rpl16 [complement(82606..83004)], rpl16 [complement(83990..83998)], rpl2 [complement(85759..86193)], rpl2 [complement(86857..87246)], ndhB [complement(96064..96819)], ndhB [complement(97500..98279)], trnI [103904..103940], trnI [104787..104821],	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [104891..104928], trnA [105730..105764], ndhA [complement(121561..122099)], ndhA [complement(123121..123673)], trnA [complement(136026..136060)], trnA [complement(136862..136899)], trnI [complement(136969..137003)], trnI [complement(137850..137886)], ndhB [143511..144290], ndhB [144971..145726], rpl2 [154544..154933], rpl2 [155597..156031]	
2318.	MEPY	65	trnK [complement(1696..1731)], trnK [complement(4294..4330)], trnT [8372..8405], trnT [9119..9161], atpF [complement(11272..11681)], atpF [complement(12412..12556)], rpoC1 [complement(20014..21624)], rpoC1 [complement(22406..22837)], ycf3 [complement(42313..42465)], ycf3 [complement(43253..43480)], trnL [46782..46816], trnL [47144..47193], trnV [complement(50609..50643)], trnV [complement(51245..51283)], rps12 [complement(68422..68535)], rps12 [138956..139187], rps12 [139725..139750], clpP [complement(68721..68948)], clpP [complement(69508..69799)], clpP [complement(70708..70778)], petB [73737..73742], petB [74530..75171], petD [75369..75376], petD [76012..76486], rpl16 [complement(79974..80372)], rpl16 [complement(81466..81474)], rpl2 [complement(83160..83594)], rpl2 [complement(84277..84666)], ndhB [complement(93764..94525)], ndhB [complement(95211..95618)], trnE [101532..101563], trnE [102512..102551], trnA [102616..102652], trnA [103453..103488], ndhA [complement(118835..119364)], ndhA [complement(120454..121006)], trnA [complement(133074..133109)], trnA [complement(133910..133946)], trnE [complement(134011..134050)], trnE [complement(134999..135030)], ndhB [140944..141351], ndhB [142037..142798], rpl2 [151896..152285], rpl2 [152968..153402]	trnK [complement(1732..4293)], trnT [8406..9118], atpF [complement(11682..12411)], rpoC1 [complement(21625..22405)], ycf3 [complement(42466..43252)], trnL [46817..47143], trnV [complement(50644..51244)], clpP [complement(68949..69507)], clpP [complement(69800..70707)], petB [73743..74529], petD [75377..76011], rpl16 [complement(80373..81465)], rpl2 [complement(83595..84276)], ndhB [complement(94526..95210)], trnE [101564..102511], trnA [102653..103452], ndhA [complement(119365..120453)], trnA [complement(133110..133909)], trnE [complement(134051..134998)], ndhB [141352..142036], rpl2 [152286..152967]
2319.	MER A	72	rps12 [complement(97662..97687)], rps12 [complement(98224..98455)], rps12 [complement(69521..69634)], trnK-UUU [complement(1641..1675)], trnK-UUU [complement(4122..4158)], rps16 [complement(4719..4945)], rps16 [complement(5816..5855)], trnG-UCC [9188..9210], trnG-UCC [9894..9941], atpF [complement(11836..12245)], atpF [complement(12952..13096)], rpoC1 [complement(20903..22519)], rpoC1 [complement(23185..23637)], ycf3	trnK-UUU [complement(1676..4121)], rps16 [complement(4946..5815)], trnG-UCC [9211..9893], atpF [complement(12246..12951)], rpoC1 [complement(22520..23184)], ycf3 [complement(42483..43207)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42330..42482)], ycf3 [complement(43208..43435)], ycf3 [complement(44168..44293)], trnL-UAA [46657..46691], trnL-UAA [47222..47271], trnV-UAC [complement(51594..51628)], trnV-UAC [complement(52201..52238)], rps12 [139155..139386], rps12 [139923..139948], clpP [complement(69808..70053)], clpP [complement(70660..70951)], clpP [complement(71728..71798)], petB [74713..74718], petB [75412..76053], petD [76237..76244], petD [76953..77427], rpl16 [complement(80907..81305)], rpl16 [complement(82308..82316)], rpl2 [complement(84026..84459)], rpl2 [complement(85124..85514)], ndhB [complement(94586..95341)], ndhB [complement(96042..96818)], trnI-GAU [102276..102312], trnI-GAU [103019..103053], trnA-UGC [103118..103155], trnA-UGC [103956..103990], ndhA [complement(119475..120011)], ndhA [complement(120943..121494)], trnA-UGC [complement(133620..133654)], trnA-UGC [complement(134455..134492)], trnI-GAU [complement(134557..134591)], trnI-GAU [complement(135298..135334)], ndhB [140792..141568], ndhB [142269..143024], rpl2 [152096..152486], rpl2 [153151..153584]	[complement(43436..44167)], trnL-UAA [46692..47221], trnV-UAC [complement(51629..52200)], clpP [complement(70054..70659)], clpP [complement(70952..71727)], petB [74719..75411], petD [76245..76952], rpl16 [complement(81306..82307)], rpl2 [complement(84460..85123)], ndhB [complement(95342..96041)], trnI-GAU [102313..103018], trnA-UGC [103156..103955], ndhA [complement(120012..120942)], trnA-UGC [complement(133655..134454)], trnI-GAU [complement(134592..135297)], ndhB [141569..142268], rpl2 [152487..153150]
2320.	MER D	52	rps12 [complement(95312..95569)], rps12 [complement(67830..67943)], trnK-UUU [complement(1789..1823)], trnK-UUU [complement(4310..4346)], trnV-UAC [9307..9342], trnV-UAC [9923..9959], trnL-UAA [complement(12954..13003)], trnL-UAA [complement(13355..13391)], ycf3 [15812..15937], ycf3 [16673..16898], ycf3 [17662..17816], rpoC1 [37138..37567], rpoC1 [38352..39976], atpF [48162..48305], atpF [48988..49398], trnG-UCC [complement(51539..51587)], trnG-UCC [complement(52269..52291)], clpP [complement(68688..68918)], clpP [complement(69545..69907)], petB [72786..72791], petB [73629..74270], petD [74470..74477], petD [75190..75664], rpl16 [complement(79736..80134)], rpl16 [complement(81243..81251)], rpl2 [complement(82924..83357)], rpl2 [complement(84076..84466)], ndhB [complement(92350..93105)], ndhB [complement(93794..94516)], trnI-GAU [98718..98754], trnI-GAU [99438..99472], trnA-UGC [99538..99575], trnA-UGC [100389..100423], ndhA [112947..113497], ndhA [114754..115294]	trnK-UUU [complement(1824..4309)], trnV-UAC [9343..9922], trnL-UAA [complement(13004..13354)], ycf3 [15938..16672], ycf3 [16899..17661], rpoC1 [37568..38351], atpF [48306..48987], trnG-UCC [complement(51588..52268)], clpP [complement(68919..69544)], petB [72792..73628], petD [74478..75189], rpl16 [complement(80135..81242)], rpl2 [complement(83358..84075)], ndhB [complement(93106..93793)], trnI-GAU [98755..99437], trnA-UGC [99576..100388], ndhA [113498..114753]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2321.	MESA	19	rps12 [complement(73717..73830)], trnK-UUU [complement(1719..1753)], trnK-UUU [complement(4248..4284)], trnG-UCC [9441..9463], trnG-UCC [10174..10221], trnL-UAA [50653..50687], trnL-UAA [51195..51244], trnV-UAC [complement(55623..55657)], trnV-UAC [complement(56234..56272)], rps12 [145984..146009], trnI-GAU [107010..107046], trnI-GAU [107995..108029], trnA-UGC [108094..108131], trnA-UGC [108932..108966], trnA-UGC [complement(139285..139319)], trnA-UGC [complement(140120..140157)], trnI-GAU [complement(140222..140256)], trnI-GAU [complement(141205..141241)]	trnV-UAC [complement(55658..56233)]
2322.	MESF	49	trnK-UUU [complement(1859..1893)], trnK-UUU [complement(4377..4413)], trnV-UAC [9478..9513], trnV-UAC [10098..10134], trnL-UAA [complement(12991..13040)], trnL-UAA [complement(13368..13404)], ycf3 [16086..16211], ycf3 [16915..17140], ycf3 [17876..18030], petD [complement(22436..22910)], petD [complement(23623..23630)], petB [complement(23827..24468)], petB [complement(25232..25237)], clpP [28127..28489], clpP [29131..29355], rps12 [30546..30659], rps12 [complement(96466..96723)], trnG-UCC [45843..45865], trnG-UCC [46545..46593], atpF [complement(48609..49019)], atpF [complement(49701..49844)], rpl16 [complement(80518..80916)], rpl16 [complement(81846..81854)], rpl2 [complement(83582..84015)], rpl2 [complement(84718..85099)], ndhB [complement(93504..94259)], ndhB [complement(94948..95670)], trnI-GAU [100038..100074], trnI-GAU [100754..100788], trnA-UGC [100854..100891], trnA-UGC [101705..101739], ndhA [114743..115293], ndhA [116529..117069]	trnK-UUU [complement(1894..4376)], trnV-UAC [9514..10097], trnL-UAA [complement(13041..13367)], ycf3 [16212..16914], ycf3 [17141..17875], petD [complement(22911..23622)], petB [complement(24469..25231)], clpP [28490..29130], trnG-UCC [45866..46544], atpF [complement(49020..49700)], rpl16 [complement(80917..81845)], rpl2 [complement(84016..84717)], ndhB [complement(94260..94947)], trnI-GAU [100075..100753], trnA-UGC [100892..101704], ndhA [115294..116528]
2323.	MESP	72	rps12 [complement(96465..96490)], rps12 [complement(97020..97251)], rps12 [complement(69095..69208)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4293..4329)], rps16 [complement(4857..5081)], rps16 [complement(5957..5998)], trnG-UCC [9010..9032], trnG-UCC [9720..9766], atpF [complement(11768..12178)], atpF [complement(12869..13012)], rpoC1 [complement(20783..22402)], rpoC1 [complement(23160..23615)], ycf3 [complement(42016..42168)], ycf3 [complement(42905..43132)], ycf3 [complement(43833..43961)], trnL-UAA [46918..46955], trnL-UAA	trnK-UUU [complement(1769..4292)], rps16 [complement(5082..5956)], trnG-UCC [9033..9719], atpF [complement(12179..12868)], rpoC1 [complement(22403..23159)], ycf3 [complement(42169..42904)], ycf3 [complement(43133..43832)], trnL-UAA [46956..47450], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47451..47499], trnV-UAC [complement(51141..51177)], trnV-UAC [complement(51747..51782)], rps12 [138101..138332], rps12 [138862..138887], clpP [complement(69335..69562)], clpP [complement(70177..70468)], clpP [complement(71188..71258)], petB [74180..74185], petB [74914..75555], petD [75743..75750], petD [76455..76929], rpl16 [complement(80372..80770)], rpl16 [complement(81647..81655)], rpl2 [complement(83324..83757)], rpl2 [complement(84423..84813)], ndhB [complement(93471..94226)], ndhB [complement(94902..95678)], trnI-GAU [101003..101039], trnI-GAU [101986..102020], trnA-UGC [102090..102127], trnA-UGC [102933..102967], ndhA [complement(117971..118509)], ndhA [complement(119511..120063)], trnA-UGC [complement(132385..132419)], trnA-UGC [complement(133225..133262)], trnI-GAU [complement(133332..133366)], trnI-GAU [complement(134313..134349)], ndhB [139674..140450], ndhB [141126..141881], rpl2 [150539..150929], rpl2 [151595..152028]	[complement(51178..51746)], clpP [complement(69563..70176)], clpP [complement(70469..71187)], petB [74186..74913], petD [75751..76454], rpl16 [complement(80771..81646)], rpl2 [complement(83758..84422)], ndhB [complement(94227..94901)], trnI-GAU [101040..101985], trnA-UGC [102128..102932], ndhA [complement(118510..119510)], trnA-UGC [complement(132420..133224)], trnI-GAU [complement(133367..134312)], ndhB [140451..141125], rpl2 [150930..151594]
2324.	MEST	52	rps12 [complement(96079..96336)], rps12 [complement(68373..68486)], trnK-UUU [complement(1864..1898)], trnK-UUU [complement(4380..4416)], trnV-UAC [9524..9559], trnV-UAC [10139..10175], trnL-UAA [complement(13233..13282)], trnL-UAA [complement(13634..13670)], ycf3 [16482..16607], ycf3 [17320..17545], ycf3 [18290..18444], rpoC1 [38084..38513], rpoC1 [39304..40928], atpF [49031..49174], atpF [49868..50278], trnG-UCC [complement(52448..52496)], trnG-UCC [complement(53180..53202)], clpP [complement(69584..69808)], clpP [complement(70457..70819)], petB [73696..73701], petB [74532..75173], petD [75372..75379], petD [76091..76565], rpl16 [complement(80751..81149)], rpl16 [complement(82227..82235)], rpl2 [complement(83929..84362)], rpl2 [complement(85059..85449)], ndhB [complement(93112..93867)], ndhB [complement(94556..95278)], trnI-GAU [99964..100000], trnI-GAU [100690..100724], trnA-UGC [100790..100827], trnA-UGC [101642..101676], ndhA [113965..114515], ndhA [115741..116281]	trnK-UUU [complement(1899..4379)], trnV-UAC [9560..10138], trnL-UAA [complement(13283..13633)], ycf3 [16608..17319], ycf3 [17546..18289], rpoC1 [38514..39303], atpF [49175..49867], trnG-UCC [complement(52497..53179)], clpP [complement(69809..70456)], petB [73702..74531], petD [75380..76090], rpl16 [complement(81150..82226)], rpl2 [complement(84363..85058)], ndhB [complement(93868..94555)], trnI-GAU [100001..100689], trnA-UGC [100828..101641], ndhA [114516..115740]
2325.	MESU	64	rps12 [complement(88493..88521)], rps12 [complement(89056..89287)], rps12 [complement(67300..67413)], trnK-UUU [complement(1383..1417)],	trnK-UUU [complement(1418..3940)], rps16 [complement(4768..5549)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3941..3977)], rps16 [complement(4550..4767)], rps16 [complement(5550..5589)], trnG-UCC [complement(12877..12924)], trnG-UCC [complement(13600..13622)], atpF [33321..33465], atpF [34293..34699], ycf3 [complement(42468..42628)], ycf3 [complement(43350..43575)], ycf3 [complement(44315..44440)], trnL-UAA [47161..47195], trnL-UAA [47740..47789], trnV-UAC [complement(51245..51281)], trnV-UAC [complement(51878..51916)], rps12 [125890..126121], rps12 [126656..126684], petB [71134..71139], petB [71940..72581], petD [72774..72781], petD [73524..73998], rpl16 [complement(77615..78016)], rpl16 [complement(78996..79004)], rpl2 [complement(80998..81428)], rpl2 [complement(82092..82482)], ndhB [complement(85419..86174)], ndhB [complement(86889..87665)], trnI-GAU [93058..93094], trnI-GAU [93901..93935], trnA-UGC [94001..94038], trnA-UGC [94850..94884], ndhA [complement(110860..111398)], ndhA [complement(112399..112948)], trnA-UGC [complement(120293..120327)], trnA-UGC [complement(121139..121176)], trnI-GAU [complement(121242..121276)], trnI-GAU [complement(122083..122119)], ndhB [127512..128288], ndhB [129003..129758], rpl2 [132695..133085], rpl2 [133749..134179]	[complement(12925..13599)], atpF [33466..34292], ycf3 [complement(42629..43349)], ycf3 [complement(43576..44314)], trnL-UAA [47196..47739], trnV-UAC [complement(51282..51877)], petB [71140..71939], petD [72782..73523], rpl16 [complement(78017..78995)], rpl2 [complement(81429..82091)], ndhB [complement(86175..86888)], trnI-GAU [93095..93900], trnA-UGC [94039..94849], ndhA [complement(111399..112398)], trnA-UGC [complement(120328..121138)], trnI-GAU [complement(121277..122082)], ndhB [128289..129002], rpl2 [133086..133748]
2326.	METE	52	rps12 [complement(97095..97352)], rps12 [complement(68296..68409)], trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4212..4248)], trnV-UAC [9336..9371], trnV-UAC [9951..9987], trnL-UAA [complement(12999..13048)], trnL-UAA [complement(13400..13436)], ycf3 [16312..16437], ycf3 [17151..17376], ycf3 [18115..18269], rpoC1 [37999..38428], rpoC1 [39217..40841], atpF [48916..49059], atpF [49754..50164], trnG-UCC [complement(52334..52382)], trnG-UCC [complement(53069..53091)], clpP [complement(70600..70824)], clpP [complement(71462..71824)], petB [74705..74710], petB [75541..76182], petD [76384..76391], petD [77102..77576], rpl16 [complement(81851..82249)], rpl16 [complement(83345..83353)], rpl2 [complement(85056..85489)], rpl2 [complement(86186..86576)], ndhB [complement(94133..94888)], ndhB [complement(95577..96299)], trnI-GAU [101023..101059], trnI-GAU [101749..101783], trnA-UGC [101849..101886], trnA-UGC [102702..102736],	trnK-UUU [complement(1738..4211)], trnV-UAC [9372..9950], trnL-UAA [complement(13049..13399)], ycf3 [16438..17150], ycf3 [17377..18114], rpoC1 [38429..39216], atpF [49060..49753], trnG-UCC [complement(52383..53068)], clpP [complement(70825..71461)], petB [74711..75540], petD [76392..77101], rpl16 [complement(82250..83344)], rpl2 [complement(85490..86185)], ndhB [complement(94889..95576)], trnI-GAU [101060..101748], trnA-UGC [101887..102701], ndhA [115933..117158]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [115382..115932], ndhA [117159..117699]	
2327.	METI	18	rps12 [complement(99093..99116)], rps12 [complement(99652..99885)], rps12 [complement(71953..72066)], trnG-UCC [9807..9829], trnG-UCC [10516..10562], trnL-UAA [48921..48957], trnL-UAA [49477..49526], trnV-UAC [complement(53216..53252)], trnV-UAC [complement(53830..53867)], rps12 [141038..141271], rps12 [141807..141830], petB [77234..77239], petB [77991..78644]	trnG-UCC [9830..10515], rpoC1 [complement(23456..24201)], trnL-UAA [48958..49476], trnV-UAC [complement(53253..53829)], petB [77240..77990]
2328.	METR	31	rps12 [56869..56994], rps12 [29150..29407], trnA-UGC [complement(23865..23899)], trnA-UGC [complement(24714..24751)], trnI-GAU [complement(24818..24852)], trnI-GAU [complement(25537..25578)], clpP [54343..54705], rpoC1 [complement(83649..85223)], ycf3 [complement(107730..107855)], trnL-UAA [110640..110676], trnL-UAA [111028..111077], trnV-UAC [complement(113943..113979)], trnV-UAC [complement(114559..114596)], trnK-UUU [119630..119666], trnK-UUU [122144..122178]	ndhA [complement(9657..10870)], trnA-UGC [complement(23900..24713)], trnI-GAU [complement(24853..25536)], ndhB [30944..31706], rpl2 [40278..40978], rpl16 [43090..44137], petD [complement(49161..49870)], petB [complement(50734..51454)], clpP [54706..55333], atpF [complement(74778..75434)], rpoC1 [complement(85224..86063)], ycf3 [complement(106035..106793)], ycf3 [complement(107022..107729)], trnL-UAA [110677..111027], trnV-UAC [complement(113980..114558)], trnK-UUU [119667..122143]
2329.	METS	62	rps12 [complement(90082..90110)], rps12 [complement(90651..90882)], rps12 [complement(68535..68648)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3899..3936)], rps16 [complement(4520..4737)], rps16 [complement(5594..5633)], trnG-UCC [complement(13106..13153)], trnG-UCC [complement(13835..13857)], atpF [34312..34470], atpF [35294..35701], ycf3 [complement(43508..43666)], ycf3 [complement(44400..44627)], ycf3 [complement(45367..45498)], trnL-UAA [48031..48065], trnL-UAA [48607..48656], trnV-UAC [complement(52073..52109)], trnV-UAC [complement(52706..52744)], petB [72360..72365], petB [73150..73797], petD [73980..73987], petD [74728..75202], rpl16 [complement(78781..79182)],	trnK-UUU [complement(1411..3898)], rps16 [complement(4738..5593)], trnG-UCC [complement(13154..13834)], atpF [34471..35293], ycf3 [complement(43667..44399)], ycf3 [complement(44628..45366)], trnL-UAA [48066..48606], trnV-UAC [complement(52110..52705)], petB [72366..73149], petD [73988..74727], rpl16 [complement(79183..80153)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(80154..80162)], rpl2 [complement(82114..82545)], rpl2 [complement(83209..83598)], ndhB [complement(87015..87770)], ndhB [complement(88482..89258)], trnI-GAU [94723..94764], trnI-GAU [95476..95510], trnA-UGC [95576..95613], trnA-UGC [96424..96458], ndhA [complement(112114..112653)], ndhA [complement(113680..114228)], trnA-UGC [complement(121601..121635)], trnA-UGC [complement(122446..122483)], trnI-GAU [complement(122549..122583)], trnI-GAU [complement(123295..123336)], ndhB [128801..129577], ndhB [130289..131044], rpl2 [134461..134850], rpl2 [135514..135945]	[complement(82546..83208)], ndhB [complement(87771..88481)], trnI-GAU [94765..95475], trnA-UGC [95614..96423], ndhA [complement(112654..113679)], trnA-UGC [complement(121636..122445)], trnI-GAU [complement(122584..123294)], ndhB [129578..130288], rpl2 [134851..135513]
2330.	MEVI	42	rps12 [complement(99515..99540)], rps12 [complement(100080..100311)], rps12 [complement(71425..71538)], trnK-UUU [complement(1540..1568)], trnK-UUU [complement(4077..4113)], trnG-UCC [8997..9017], trnG-UCC [9720..9767], trnL-UAA [49030..49066], trnL-UAA [49566..49615], trnV-UAC [complement(53518..53554)], trnV-UAC [complement(54138..54175)], rps12 [141839..142070], rps12 [142610..142635], trnI-GAU [104130..104172], trnI-GAU [105115..105149], trnA-UGC [105214..105251], trnA-UGC [106094..106128], trnA-UGC [complement(136022..136056)], trnA-UGC [complement(136899..136936)], trnI-GAU [complement(137001..137035)], trnI-GAU [complement(137978..138020)]	trnK-UUU [complement(1569..4076)], rps16 [complement(5127..5979)], trnG-UCC [9018..9719], atpF [complement(12258..12971)], rpoC1 [complement(22902..23633)], ycf3 [complement(44572..45329)], ycf3 [complement(45558..46307)], trnL-UAA [49067..49565], trnV-UAC [complement(53555..54137)], clpP [complement(71940..72603)], clpP [complement(72895..73596)], petB [76571..77358], petD [78211..78957], rpl2 [complement(86175..86854)], ndhB [complement(97207..97887)], trnI-GAU [104173..105114], trnA-UGC [105252..106093], ndhA [complement(122024..123114)], trnA-UGC [complement(136057..136898)], trnI-GAU [complement(137036..137977)], ndhB [144263..144943]
2331.	MEW A	72	rps12 [complement(99799..99824)], rps12 [complement(100376..100604)], rps12 [complement(70813..70926)], trnK-UUU [complement(1412..1446)], trnK-UUU [complement(4016..4052)], rps16 [complement(4742..4962)], rps16	trnK-UUU [complement(1447..4015)], rps16 [complement(4963..5820)], trnG-UCC [8909..9621], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(5821..5860)], trnG-UCC [8886..8908], trnG-UCC [9622..9669], atpF [complement(11614..12024)], atpF [complement(12840..12980)], rpoC1 [complement(20810..22444)], rpoC1 [complement(23182..23595)], ycf3 [complement(42487..42647)], ycf3 [complement(43382..43609)], ycf3 [complement(44347..44470)], trnL-UAA [47533..47567], trnL-UAA [48077..48126], trnV-UAC [complement(52218..52254)], trnV-UAC [complement(52843..52881)], rps12 [142312..142540], rps12 [143092..143117], clpP [complement(71077..71307)], clpP [complement(71968..72259)], clpP [complement(73113..73183)], petB [76117..76122], petB [76905..77552], petD [77746..77753], petD [78491..79004], rpl16 [complement(82487..82885)], rpl16 [complement(84098..84103)], rpl2 [complement(86048..86479)], rpl2 [complement(87142..87525)], ndhB [complement(96733..97488)], ndhB [complement(98193..98969)], trnI-GAU [104588..104629], trnI-GAU [105567..105601], trnA-UGC [105666..105703], trnA-UGC [106505..106539], ndhA [complement(121828..122366)], ndhA [complement(123494..124046)], trnA-UGC [complement(136377..136411)], trnA-UGC [complement(137213..137250)], trnI-GAU [complement(137315..137349)], trnI-GAU [complement(138287..138328)], ndhB [143947..144723], ndhB [145428..146183], rpl2 [155391..155774], rpl2 [156437..156868]</p>	<p>[complement(12025..12839)], rpoC1 [complement(22445..23181)], ycf3 [complement(42648..43381)], ycf3 [complement(43610..44346)], trnL-UAA [47568..48076], trnV-UAC [complement(52255..52842)], clpP [complement(71308..71967)], clpP [complement(72260..73112)], petB [76123..76904], petD [77754..78490], rpl16 [complement(82886..84097)], rpl2 [complement(86480..87141)], ndhB [complement(97489..98192)], trnI-GAU [104630..105566], trnA-UGC [105704..106504], ndhA [complement(122367..123493)], trnA-UGC [complement(136412..137212)], trnI-GAU [complement(137350..138286)], ndhB [144724..145427], rpl2 [155775..156436]</p>
2332.	MEX Y	70	<p>rps12 [complement(101791..101816)], rps12 [complement(102353..102584)], rps12 [complement(73847..73960)], trnK-UUU [complement(1756..1790)], trnK-UUU [complement(4296..4332)], rps16 [complement(5195..5420)], rps16 [complement(6277..6314)], trnG-GCC [9740..9762], trnG-GCC [10463..10510], atpF [complement(12524..12932)], atpF [complement(13645..13802)], rpoC1 [complement(21546..23171)], rpoC1 [complement(23899..24333)], ycf3 [complement(44296..44448)], ycf3 [complement(45201..45428)], ycf3 [complement(46146..46271)], trnL-UAA [complement(49429..49465)], trnL-UAA [complement(49973..50022)], trnV-UAC [complement(54029..54065)], trnV-UAC [complement(54667..54705)], rps12 [complement(73847..73960)], rps12 [144707..144938], rps12 [145475..145500], clpP [complement(74100..74328)], clpP</p>	<p>trnK-UUU [complement(1791..4295)], rps16 [complement(5421..6276)], trnG-GCC [9763..10462], atpF [complement(12933..13644)], rpoC1 [complement(23172..23898)], ycf3 [complement(44449..45200)], ycf3 [complement(45429..46145)], trnL-UAA [complement(49466..49972)], trnV-UAC [complement(54066..54666)], clpP [complement(74329..74973)], clpP [complement(75265..76073)], petB [79044..79779], petD [80639..81361], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74974..75264)], clpP [complement(76074..76141)], petB [79038..79043], petB [79780..80436], petD [80630..80638], petD [81362..81886], rpl16 [complement(85333..85734)], rpl16 [complement(86796..86804)], rpl2 [complement(88386..88820)], rpl2 [complement(89482..89874)], ndhB [complement(98733..99488)], ndhB [complement(100168..100944)], trnI-GAU [106518..106559], trnI-GAU [107487..107521], trnA-UGC [107586..107623], trnA-UGC [108431..108465], ndhA [complement(124125..124663)], ndhA [complement(125760..126312)], trnA-UGC [complement(138826..138860)], trnA-UGC [complement(139668..139705)], trnI-GAU [complement(139770..139804)], trnI-GAU [complement(140732..140773)], ndhB [146347..147123], ndhB [147803..148558]	[complement(85735..86795)], rpl2 [complement(88821..89481)], ndhB [complement(99489..100167)], trnI-GAU [106560..107486], trnA-UGC [107624..108430], ndhA [complement(124664..125759)], trnA-UGC [complement(138861..139667)], trnI-GAU [complement(139805..140731)], ndhB [147124..147802]
2333.	MIBI	40	trnK-UUU [complement(1300..1334)], trnK-UUU [complement(3951..3987)], trnG-UCC [9350..9372], trnG-UCC [10060..10107], trnL-UAA [48060..48094], trnL-UAA [48646..48695], trnV-UAC [complement(52131..52167)], trnV-UAC [complement(52761..52799)], rps12 [142277..142302], trnI-GAU [103294..103330], trnI-GAU [104276..104310], trnA-UGC [104375..104412], trnA-UGC [105242..105276], trnA-UGC [complement(135573..135607)], trnA-UGC [complement(136437..136474)], trnI-GAU [complement(136539..136573)], trnI-GAU [complement(137519..137555)]	trnK-UUU [complement(1335..3950)], rps16 [complement(4899..5799)], trnG-UCC [9373..10059], atpF [complement(12447..13302)], rpoC1 [complement(22449..23217)], ycf3 [complement(43331..44067)], ycf3 [complement(44296..45027)], trnL-UAA [48095..48645], trnV-UAC [complement(52168..52760)], clpP [complement(70572..71200)], clpP [complement(71493..72313)], petB [75273..76074], petD [76933..77662], rpl16 [complement(82038..82969)], rpl2 [complement(85286..85949)], ndhB [complement(96230..96928)], trnI-GAU [103331..104275], trnA-UGC [104413..105241], ndhA [complement(121664..122773)], trnA-UGC [complement(135608..136436)], trnI-GAU [complement(136574..137518)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[143921..144619], rpl2 [154900..155563]
2334.	MICO	72	rps12 [complement(98945..98970)], rps12 [complement(99512..99743)], rps12 [complement(70668..70781)], trnK [complement(1612..1646)], trnK [complement(4203..4239)], rps16 [complement(4650..4867)], rps16 [complement(5576..5615)], trnG [8872..8894], trnG [9676..9723], atpF [complement(12060..12469)], atpF [complement(13318..13462)], rpoC1 [complement(21600..23216)], rpoC1 [complement(23955..24413)], ycf3 [complement(43372..43524)], ycf3 [complement(44333..44562)], ycf3 [complement(45318..45441)], trnL [48249..48283], trnL [48800..48849], trnV [complement(52568..52602)], trnV [complement(53213..53251)], rps12 [141529..141760], rps12 [142302..142327], clpP [complement(70962..71189)], clpP [complement(71822..72113)], clpP [complement(73096..73166)], petB [76052..76057], petB [76825..77466], petD [77672..77679], petD [78517..78991], rpl16 [complement(82516..82914)], rpl16 [complement(83891..83899)], rpl2 [complement(85677..86110)], rpl2 [complement(86765..87155)], ndhB [complement(95884..96639)], ndhB [complement(97320..98099)], trnI [103710..103746], trnI [104593..104627], trnA [104697..104734], trnA [105536..105570], ndhA [complement(121363..121901)], ndhA [complement(122916..123468)], trnA [complement(135702..135736)], trnA [complement(136538..136575)], trnI [complement(136645..136679)], trnI [complement(137526..137562)], ndhB [143173..143952], ndhB [144633..145388], rpl2 [154117..154507], rpl2 [155162..155595]	trnK [complement(1647..4202)], rps16 [complement(4868..5575)], trnG [8895..9675], atpF [complement(12470..13317)], rpoC1 [complement(23217..23954)], ycf3 [complement(43525..44332)], ycf3 [complement(44563..45317)], trnL [48284..48799], trnV [complement(52603..53212)], clpP [complement(71190..71821)], clpP [complement(72114..73095)], petB [76058..76824], petD [77680..78516], rpl16 [complement(82915..83890)], rpl2 [complement(86111..86764)], ndhB [complement(96640..97319)], trnI [103747..104592], trnA [104735..105535], ndhA [complement(121902..122915)], trnA [complement(135737..136537)], trnI [complement(136680..137525)], ndhB [143953..144632], rpl2 [154508..155161]
2335.	MIDE	66	rps12 [complement(98886..98911)], rps12 [complement(99451..99682)], rps12 [complement(71595..71708)], trnK-UUU [complement(1833..1867)], trnK-UUU [complement(4433..4469)], rps16 [complement(4951..5176)], rps16 [complement(6089..6129)], trnG-UCC [9166..9188], trnG-UCC [9913..9960], atpF [complement(11961..12370)], atpF [complement(13139..13283)], rpoC1 [complement(20823..22433)], rpoC1 [complement(23198..23629)], ycf3 [complement(42821..42973)], ycf3 [complement(43760..43987)], ycf3 [complement(44748..44873)], trnL-UAA [48254..48290], trnL-UAA [48754..48803], trnV-UAC [complement(52836..52870)], trnV-UAC	trnK-UUU [complement(1868..4432)], rps16 [complement(5177..6088)], trnG-UCC [9189..9912], atpF [complement(12371..13138)], rpoC1 [complement(22434..23197)], ycf3 [complement(42974..43759)], ycf3 [complement(43988..44747)], trnL-UAA [48291..48753], trnV-UAC [complement(52871..53458)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53459..53496)], rps12 [142064..142295], rps12 [142835..142860], clpP [complement(71872..72099)], clpP [complement(72729..73020)], clpP [complement(73976..74046)], petB [76869..76874], petB [77679..78320], petD [78540..78547], petD [79312..79786], rpl16 [complement(83216..83614)], rpl16 [complement(84593..84601)], ndhB [complement(95847..96602)], ndhB [complement(97271..98047)], trnI-GAU [103302..103338], trnI-GAU [104285..104319], trnA-UGC [104390..104427], trnA-UGC [105239..105273], ndhA [complement(121879..122417)], ndhA [complement(123499..124051)], trnA-UGC [complement(136473..136507)], trnA-UGC [complement(137319..137356)], trnI-GAU [complement(137427..137461)], trnI-GAU [complement(138408..138444)], ndhB [143699..144475], ndhB [145144..145899]	[complement(72100..72728)], clpP [complement(73021..73975)], petB [76875..77678], petD [78548..79311], rpl16 [complement(83615..84592)], ndhB [complement(96603..97270)], trnI-GAU [103339..104284], trnA-UGC [104428..105238], ndhA [complement(122418..123498)], trnA-UGC [complement(136508..137318)], trnI-GAU [complement(137462..138407)], ndhB [144476..145143]
2336.	MIDI	66	rps12 [complement(99363..99388)], rps12 [complement(99909..100140)], rps12 [complement(71824..71937)], trnK-UUU [complement(1717..1751)], trnK-UUU [complement(4228..4264)], rps16 [complement(5134..5360)], rps16 [complement(6189..6228)], trnG-GCC [9610..9632], trnG-GCC [10330..10376], atpF [complement(12416..12825)], atpF [complement(13547..13691)], rpoC1 [complement(21607..23223)], rpoC1 [complement(23958..24410)], ycf3 [complement(44352..44504)], ycf3 [complement(45243..45472)], ycf3 [complement(46187..46310)], trnL-UAA [49117..49151], trnL-UAA [49664..49713], trnV-UAC [complement(53454..53488)], trnV-UAC [complement(54067..54104)], rps12 [141548..141779], rps12 [142300..142325], clpP [complement(72090..72318)], clpP [complement(72930..73220)], clpP [complement(74016..74086)], petB [76931..76936], petB [77750..78391], petD [78590..78597], petD [79301..79796], rpl16 [complement(83222..83617)], rpl16 [complement(84649..84657)], ndhB [complement(96307..97062)], ndhB [complement(97742..98518)], trnI-GAU [103777..103813], trnI-GAU [104760..104794], trnA-UGC [104859..104896], trnA-UGC [105731..105765], ndhA [complement(121415..121953)], ndhA [complement(123030..123582)], trnA-UGC [complement(135923..135957)], trnA-UGC	trnK-UUU [complement(1752..4227)], rps16 [complement(5361..6188)], trnG-GCC [9633..10329], atpF [complement(12826..13546)], rpoC1 [complement(23224..23957)], ycf3 [complement(44505..45242)], ycf3 [complement(45473..46186)], trnL-UAA [49152..49663], trnV-UAC [complement(53489..54066)], clpP [complement(72319..72929)], clpP [complement(73221..74015)], petB [76937..77749], petD [78598..79300], rpl16 [complement(83618..84648)], ndhB [complement(97063..97741)], trnI-GAU [103814..104759], trnA-UGC [104897..105730], ndhA [complement(121954..123029)], trnA-UGC [complement(135958..136791)], trnI-GAU [complement(136929..137874)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136792..136829)], trnI-GAU [complement(136894..136928)], trnI-GAU [complement(137875..137911)], ndhB [143170..143946], ndhB [144626..145381]	[143947..144625]
2337.	MIDO	50	rps12 [complement(100128..100153)], rps12 [complement(100694..100925)], rps12 [complement(71861..71974)], trnK [complement(1614..1648)], trnK [complement(4190..4226)], rps16 [complement(4679..4896)], rps16 [complement(5675..5714)], trnG [8928..8950], trnG [9704..9752], atpF [complement(11903..12312)], atpF [complement(13149..13293)], rpoC1 [complement(21362..22978)], rpoC1 [complement(23685..24116)], ycf3 [complement(43864..44016)], ycf3 [complement(44824..45051)], ycf3 [complement(45782..45907)], trnL [48904..48938], trnL [49477..49530], trnV [complement(53280..53314)], trnV [complement(53925..53963)], rps12 [complement(71861..71974)], rps12 [142901..143132], rps12 [143673..143698], clpP [complement(72162..72389)], clpP [complement(73029..73320)], clpP [complement(74264..74334)], petB [77236..77241], petB [78009..78650], petD [78849..78856], petD [79675..80149], rpl16 [complement(83624..84022)], rpl16 [complement(85026..85034)], rpl2 [complement(86760..87194)], rpl2 [complement(87858..88247)], ndhB [complement(97073..97828)], ndhB [complement(98508..99287)], trnI [104922..104958], trnI [105809..105843], trnA [105913..105950], trnA [106752..106786], ndhA [complement(122633..123171)], ndhA [complement(124185..124737)], trnA [complement(137040..137074)], trnA [complement(137876..137913)], trnI [complement(137983..138017)], trnI [complement(138868..138904)], ndhB [144539..145318], ndhB [145998..146753], rpl2 [155579..155968], rpl2 [156632..157066]	-
2338.	MIFL	55	rps12 [complement(93068..93096)], rps12 [complement(93637..93868)], rps12 [complement(69991..70104)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3917..3954)], rps16 [complement(4508..4722)], rps16 [complement(5565..5604)], atpF [35652..35810], atpF [36628..37035], ycf3 [complement(44786..44944)], ycf3 [complement(45686..45913)], ycf3 [complement(46668..46799)], trnL-UAA [49549..49583], trnL-UAA	trnK-UUU [complement(1414..3916)], rps16 [complement(4723..5564)], atpF [35811..36627], ycf3 [complement(44945..45685)], ycf3 [complement(45914..46667)], trnL-UAA [49584..50035], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[50036..50084], trnV-UAC [complement(53752..53788)], trnV-UAC [complement(54391..54429)], rps12 [130606..130837], rps12 [131378..131406], rpl16 [complement(80225..80626)], rpl16 [complement(81720..81728)], rpl2 [complement(83695..84126)], rpl2 [complement(84790..85179)], ndhB [complement(90003..90791)], ndhB [complement(91462..92238)], trnI-GAU [97736..97777], trnI-GAU [98724..98758], trnA-UGC [98824..98861], trnA-UGC [99672..99706], ndhA [complement(115185..115724)], ndhA [complement(116742..117284)], trnA-UGC [complement(124768..124802)], trnA-UGC [complement(125613..125650)], trnI-GAU [complement(125716..125750)], trnI-GAU [complement(126697..126738)], ndhB [132236..133012], ndhB [133683..134471], rpl2 [139295..139684], rpl2 [140348..140779]	[complement(53789..54390)], rpl16 [complement(80627..81719)], rpl2 [complement(84127..84789)], ndhB [complement(90792..91461)], trnI-GAU [97778..98723], trnA-UGC [98862..99671], ndhA [complement(115725..116741)], trnA-UGC [complement(124803..125612)], trnI-GAU [complement(125751..126696)], ndhB [133013..133682], rpl2 [139685..140347]
2339.	MIFO	66	rps12 [complement(98600..98625)], rps12 [complement(99146..99377)], rps12 [complement(71167..71280)], trnK-UUU [complement(1727..1761)], trnK-UUU [complement(4226..4262)], rps16 [complement(5025..5251)], rps16 [complement(6076..6115)], trnG-GCC [9877..9899], trnG-GCC [10597..10643], atpF [complement(12690..13099)], atpF [complement(13852..13996)], rpoC1 [complement(21916..23532)], rpoC1 [complement(24272..24724)], ycf3 [complement(44582..44734)], ycf3 [complement(45473..45702)], ycf3 [complement(46418..46541)], trnL-UAA [49271..49305], trnL-UAA [49785..49834], trnV-UAC [complement(53726..53760)], trnV-UAC [complement(54343..54380)], rps12 [140537..140768], rps12 [141289..141314], clpP [complement(71427..71655)], clpP [complement(72268..72558)], clpP [complement(73348..73418)], petB [76264..76269], petB [77058..77699], petD [77893..77900], petD [78605..79100], rpl16 [complement(82513..82908)], rpl16 [complement(83932..83940)], ndhB [complement(95544..96299)], ndhB [complement(96979..97755)], trnI-GAU [102993..103029], trnI-GAU [103976..104010], trnA-UGC [104075..104112], trnA-UGC [104947..104981], ndhA [complement(120370..120908)], ndhA [complement(121956..122508)], trnA-UGC [complement(134933..134967)], trnA-UGC [complement(135802..135839)], trnI-GAU [complement(135904..135938)],	trnK-UUU [complement(1762..4225)], rps16 [complement(5252..6075)], trnG-GCC [9900..10596], atpF [complement(13100..13851)], rpoC1 [complement(23533..24271)], ycf3 [complement(44735..45472)], ycf3 [complement(45703..46417)], trnL-UAA [49306..49784], trnV-UAC [complement(53761..54342)], clpP [complement(71656..72267)], clpP [complement(72559..73347)], petB [76270..77057], petD [77901..78604], rpl16 [complement(82909..83931)], ndhB [complement(96300..96978)], trnI-GAU [103030..103975], trnA-UGC [104113..104946], ndhA [complement(120909..121955)], trnA-UGC [complement(134968..135801)], trnI-GAU [complement(135939..136884)], ndhB [142936..143614]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(136885..136921)], ndhB [142159..142935], ndhB [143615..144370]	
2340.	MIGI	55	rps12 [complement(93144..93172)], rps12 [complement(93713..93917)], rps12 [complement(69984..70097)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3907..3944)], rps16 [complement(4495..4709)], rps16 [complement(5552..5591)], atpF [35647..35805], atpF [36622..37029], ycf3 [complement(44781..44939)], ycf3 [complement(45673..45900)], ycf3 [complement(46655..46786)], trnL-UAA [49525..49559], trnL-UAA [50012..50060], trnV-UAC [complement(53763..53799)], trnV-UAC [complement(54402..54440)], rps12 [130622..130826], rps12 [131367..131395], rpl16 [complement(80277..80678)], rpl16 [complement(81793..81801)], rpl2 [complement(83771..84202)], rpl2 [complement(84866..85255)], ndhB [complement(90079..90867)], ndhB [complement(91538..92314)], trnI-GAU [97812..97853], trnI-GAU [98800..98834], trnA-UGC [98900..98937], trnA-UGC [99748..99782], ndhA [complement(115259..115798)], ndhA [complement(116816..117364)], trnA-UGC [complement(124757..124791)], trnA-UGC [complement(125602..125639)], trnI-GAU [complement(125705..125739)], trnI-GAU [complement(126686..126727)], ndhB [132225..133001], ndhB [133672..134460], rpl2 [139284..139673], rpl2 [140337..140768]	trnK-UUU [complement(1414..3906)], rps16 [complement(4710..5551)], atpF [35806..36621], ycf3 [complement(44940..45672)], ycf3 [complement(45901..46654)], trnL-UAA [49560..50011], trnV-UAC [complement(53800..54401)], rpl16 [complement(80679..81792)], rpl2 [complement(84203..84865)], ndhB [complement(90868..91537)], trnI-GAU [97854..98799], trnA-UGC [98938..99747], ndhA [complement(115799..116815)], trnA-UGC [complement(124792..125601)], trnI-GAU [complement(125740..126685)], ndhB [133002..133671], rpl2 [139674..140336]
2341.	MIJA	66	rps12 [complement(98596..98621)], rps12 [complement(99163..99394)], rps12 [complement(71169..71282)], trnK-UUU [complement(1627..1661)], trnK-UUU [complement(4197..4233)], rps16 [complement(4659..4884)], rps16 [complement(5779..5819)], trnG-UCC [9159..9181], trnG-UCC [9863..9910], atpF [complement(11927..12336)], atpF [complement(13127..13271)], rpoC1 [complement(20884..22485)], rpoC1 [complement(23265..23696)], ycf3 [complement(43229..43381)], ycf3 [complement(44151..44378)], ycf3 [complement(45161..45286)], trnL-UAA [48267..48303], trnL-UAA [48864..48913], trnV-UAC [complement(52792..52826)], trnV-UAC [complement(53436..53473)], rps12 [140942..141173], rps12 [141715..141740], clpP [complement(71482..71709)], clpP [complement(72324..72615)], clpP [complement(73413..73483)], petB	trnK-UUU [complement(1662..4196)], rps16 [complement(4885..5778)], trnG-UCC [9182..9862], atpF [complement(12337..13126)], rpoC1 [complement(22486..23264)], ycf3 [complement(43382..44150)], ycf3 [complement(44379..45160)], trnL-UAA [48304..48863], trnV-UAC [complement(52827..53435)], clpP [complement(71710..72323)], clpP [complement(72616..73412)], petB [76409..77178], petD [78036..78827], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76403..76408], petB [77179..77820], petD [78028..78035], petD [78828..79302], rpl16 [complement(82800..83198)], rpl16 [complement(84186..84194)], ndhB [complement(95563..96318)], ndhB [complement(96987..97709)], trnI-GAU [102993..103029], trnI-GAU [103974..104008], trnA-UGC [104079..104116], trnA-UGC [104946..104980], ndhA [complement(120881..121419)], ndhA [complement(122462..123014)], trnA-UGC [complement(135356..135390)], trnA-UGC [complement(136220..136257)], trnI-GAU [complement(136328..136362)], trnI-GAU [complement(137307..137343)], ndhB [142627..143349], ndhB [144018..144773]	[complement(83199..84185)], ndhB [complement(96319..96986)], trnI-GAU [103030..103973], trnA-UGC [104117..104945], ndhA [complement(121420..122461)], trnA-UGC [complement(135391..136219)], trnI-GAU [complement(136363..137306)], ndhB [143350..144017]
2342.	MIJU	55	rps12 [complement(92963..92991)], rps12 [complement(93532..93763)], rps12 [complement(69902..70015)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3907..3944)], rps16 [complement(4531..4745)], rps16 [complement(5583..5622)], atpF [35600..35758], atpF [36575..36982], ycf3 [complement(44733..44891)], ycf3 [complement(45628..45855)], ycf3 [complement(46610..46741)], trnL-UAA [49491..49525], trnL-UAA [49978..50026], trnV-UAC [complement(53655..53691)], trnV-UAC [complement(54294..54332)], rps12 [130399..130630], rps12 [131171..131199], rpl16 [complement(80138..80539)], rpl16 [complement(81622..81630)], rpl2 [complement(83590..84021)], rpl2 [complement(84685..85074)], ndhB [complement(89898..90686)], ndhB [complement(91357..92133)], trnI-GAU [97626..97667], trnI-GAU [98614..98648], trnA-UGC [98714..98751], trnA-UGC [99562..99596], ndhA [complement(115067..115606)], ndhA [complement(116630..117178)], trnA-UGC [complement(124566..124600)], trnA-UGC [complement(125411..125448)], trnI-GAU [complement(125514..125548)], trnI-GAU [complement(126495..126536)], ndhB [132029..132805], ndhB [133476..134264], rpl2 [139088..139477], rpl2 [140141..140572]	trnK-UUU [complement(1414..3906)], rps16 [complement(4746..5582)], atpF [35759..36574], ycf3 [complement(44892..45627)], ycf3 [complement(45856..46609)], trnL-UAA [49526..49977], trnV-UAC [complement(53692..54293)], rpl16 [complement(80540..81621)], rpl2 [complement(84022..84684)], ndhB [complement(90687..91356)], trnI-GAU [97668..98613], trnA-UGC [98752..99561], ndhA [complement(115607..116629)], trnA-UGC [complement(124601..125410)], trnI-GAU [complement(125549..126494)], ndhB [132806..133475], rpl2 [139478..140140]
2343.	MIMI	70	rps12 [complement(97526..97768)], rps12 [complement(69288..69401)], trnK-UUU [complement(1755..1789)], trnK-UUU [complement(4342..4359)], rps16 [complement(5170..5384)], rps16 [complement(6241..6280)], rpoC1 [16165..16596], rpoC1 [17344..18981], atpF [26941..27085], atpF	trnK-UUU [complement(1790..4341)], rps16 [complement(5385..6240)], rpoC1 [16597..17343], atpF [27086..27792], trnG-UCC [complement(30268..31008)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[27793..28202], trnG-UCC [complement(30221..30267)], trnG-UCC [complement(31009..31031)], ycf3 [complement(42120..42272)], ycf3 [complement(43014..43241)], ycf3 [complement(43942..44067)], trnL-UAA [47006..47042], trnL-UAA [47477..47526], trnV-UAC [complement(51008..51044)], trnV-UAC [complement(51619..51656)], rps12 [138102..138344], clpP [complement(69614..69841)], clpP [complement(70478..70769)], clpP [complement(71571..71641)], petB [74558..74563], petB [75341..75982], petD [76177..76184], petD [76903..77377], rpl16 [complement(80854..81252)], rpl16 [complement(82271..82279)], rpl2 [complement(83939..84372)], rpl2 [complement(85038..85428)], ndhB [complement(93963..94718)], ndhB [complement(95389..96165)], trnI-GAU [101688..101729], trnI-GAU [102506..102540], trnA-UGC [102605..102642], trnA-UGC [103455..103489], ndhA [115252..115804], ndhA [116862..117400], trnA-UGC [complement(132381..132415)], trnA-UGC [complement(133228..133265)], trnI-GAU [complement(133330..133364)], trnI-GAU [complement(134141..134182)], ndhB [139705..140481], ndhB [141152..141907], rpl2 [150442..150832], rpl2 [151498..151931]</p>	<p>[complement(42273..43013)], ycf3 [complement(43242..43941)], trnL-UAA [47043..47476], trnV-UAC [complement(51045..51618)], clpP [complement(69842..70477)], clpP [complement(70770..71570)], petB [74564..75340], petD [76185..76902], rpl16 [complement(81253..82270)], rpl2 [complement(84373..85037)], ndhB [complement(94719..95388)], trnI-GAU [101730..102505], trnA-UGC [102643..103454], ndhA [115805..116861], trnA-UGC [complement(132416..133227)], trnI-GAU [complement(133365..134140)], ndhB [140482..141151], rpl2 [150833..151497]</p>
2344.	MIMN	46	<p>rps12 [complement(102459..102701)], rps12 [complement(73631..73747)], rps16 [complement(5002..5226)], rps16 [complement(6116..6154)], atpF [complement(12506..12915)], atpF [complement(13686..13833)], rpoC1 [complement(22015..23625)], rpoC1 [complement(24386..24820)], ycf3 [complement(45580..45732)], ycf3 [complement(46530..46759)], ycf3 [complement(47478..47604)], accD [60407..60992], accD [61023..61912], rps12 [145083..145325], clpP [complement(73859..74086)], clpP [complement(74736..75026)], clpP [complement(75873..75941)], rpl2 [complement(88130..88563)], rpl2 [complement(89254..89647)], ycf2 [90275..95321], ycf2 [95358..97159], ndhB [complement(98856..99613)], ndhB [complement(100292..101069)], ndhA [complement(124657..125195)], ndhA [complement(126310..126865)], ndhB [146715..147491], ndhB [148173..148928], ycf2 [complement(150625..152426)], ycf2 [complement(152460..157509)], rpl2 [158137..158527], rpl2 [159221..159654]</p>	<p>rps16 [complement(5227..6115)], atpF [complement(12916..13685)], rpoC1 [complement(23626..24385)], ycf3 [complement(45733..46529)], ycf3 [complement(46760..47477)], accD [60993..61022], clpP [complement(74087..74735)], clpP [complement(75027..75872)], rpl2 [complement(88564..89253)], ycf2 [95322..95357], ndhB [complement(99614..100291)], ndhA [complement(125196..126309)], ndhB [147492..148172], ycf2 [complement(152427..152459)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[158528..159220]
2345.	MIPI	72	rps12 [complement(96892..96923)], rps12 [complement(97468..97699)], rps12 [complement(68400..68513)], trnK [complement(1749..1783)], trnK [complement(4420..4456)], trnV [9511..9549], trnV [10146..10180], trnL [complement(13375..13424)], trnL [complement(13935..13969)], ycf3 [16512..16637], ycf3 [17344..17571], ycf3 [18322..18474], rpoC1 [37292..37723], rpoC1 [38529..40151], atpF [48317..48461], atpF [49214..49623], trnG [complement(51722..51770)], trnG [complement(52472..52494)], rps16 [complement(55639..55868)], rps16 [complement(56743..56782)], rps12 [138671..138902], rps12 [139447..139478], clpP [complement(68727..68954)], clpP [complement(69717..70008)], clpP [complement(70714..70784)], petB [73736..73741], petB [74549..75190], petD [75398..75405], petD [76141..76615], rpl16 [complement(80430..80828)], rpl16 [complement(81950..81958)], rpl2 [complement(83456..83890)], rpl2 [complement(84574..84963)], ndhB [complement(93844..94599)], ndhB [complement(95285..96061)], trnI [101575..101611], trnI [102559..102593], trnA [102658..102695], trnA [103499..103533], ndhA [complement(118153..118691)], ndhA [complement(119983..120538)], trnA [complement(132837..132871)], trnA [complement(133675..133712)], trnI [complement(133777..133811)], trnI [complement(134759..134795)], ndhB [140309..141085], ndhB [141771..142526], rpl2 [151407..151796], rpl2 [152480..152914]	trnK [complement(1784..4419)], trnV [9550..10145], trnL [complement(13425..13934)], ycf3 [16638..17343], ycf3 [17572..18321], rpoC1 [37724..38528], atpF [48462..49213], trnG [complement(51771..52471)], rps16 [complement(55869..56742)], clpP [complement(68955..69716)], clpP [complement(70009..70713)], petB [73742..74548], petD [75406..76140], rpl16 [complement(80829..81949)], rpl2 [complement(83891..84573)], ndhB [complement(94600..95284)], trnI [101612..102558], trnA [102696..103498], ndhA [complement(118692..119982)], trnA [complement(132872..133674)], trnI [complement(133812..134758)], ndhB [141086..141770], rpl2 [151797..152479]
2346.	MIPU	73	rps12 [complement(105913..105938)], rps12 [complement(106475..106706)], rps12 [complement(76885..76998)], trnK-UUU [complement(1812..1846)], trnK-UUU [complement(4466..4502)], rps16 [complement(4929..5170)], rps16 [complement(6108..6147)], trnG-UCC [10090..10112], trnG-UCC [10823..10871], atpF [complement(13523..13930)], atpF [complement(14691..14834)], rpoC1 [complement(23595..25211)], rpoC1 [complement(26039..26470)], ycf3 [complement(47847..47999)], ycf3 [complement(48752..48979)], ycf3 [complement(49696..49821)], trnL-UAA [52791..52825], trnL-UAA [53380..53429], trnV-UAC	trnK-UUU [complement(1847..4465)], rps16 [complement(5171..6107)], trnG-UCC [10113..10822], atpF [complement(13931..14690)], rpoC1 [complement(25212..26038)], ycf3 [complement(48000..48751)], ycf3 [complement(48980..49695)], trnL-UAA [52826..53379], trnV-UAC [complement(57427..58035)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(57390..57426)], trnV-UAC [complement(58036..58074)], rps12 [complement(76885..76998)], rps12 [148577..148808], rps12 [149345..149370], clpP [complement(77289..77513)], clpP [complement(78105..78395)], clpP [complement(79258..79326)], petB [82306..82311], petB [83091..83732], petD [83947..83954], petD [84694..85168], rpl16 [complement(88926..89324)], rpl16 [complement(90141..90149)], rpl2 [complement(92216..92650)], rpl2 [complement(93313..93705)], ndhB [complement(102855..103610)], ndhB [complement(104296..105072)], trnI-GAU [110674..110715], trnI-GAU [111648..111682], trnA-UGC [111747..111784], trnA-UGC [112587..112621], ndhA [complement(127861..128400)], ndhA [complement(129844..130395)], trnA-UGC [complement(142662..142696)], trnA-UGC [complement(143499..143536)], trnI-GAU [complement(143601..143635)], trnI-GAU [complement(144573..144609)], ndhB [150211..150987], ndhB [151673..152428], rpl2 [161578..161970], rpl2 [162633..163067]</p>	<p>[complement(77514..78104)], clpP [complement(78396..79257)], petB [82312..83090], petD [83955..84693], rpl16 [complement(89325..90140)], rpl2 [complement(92651..93312)], ndhB [complement(103611..104295)], trnI-GAU [110716..111647], trnA-UGC [111785..112586], ndhA [complement(128401..129843)], trnA-UGC [complement(142697..143498)], trnI-GAU [complement(143636..144572)], ndhB [150988..151672], rpl2 [161971..162632]</p>
2347.	MISA	64	<p>rps12 [complement(93133..93161)], rps12 [complement(93702..93933)], rps12 [complement(70052..70168)], trnK-UUU [complement(1410..1444)], trnK-UUU [complement(3931..3967)], rps16 [complement(4529..4746)], rps16 [complement(5586..5625)], trnG-UCC [complement(13707..13754)], trnG-UCC [complement(14454..14476)], atpF [35690..35849], atpF [36667..37073], ycf3 [complement(44825..44983)], ycf3 [complement(45725..45954)], ycf3 [complement(46715..46838)], trnL-UAA [49588..49622], trnL-UAA [50075..50124], trnV-UAC [complement(53791..53825)], trnV-UAC [complement(54430..54468)], rps12 [130603..130834], rps12 [131375..131403], petB [73922..73927], petB [74683..75324], petD [75507..75514], petD [76255..76729], rpl16 [complement(80289..80690)], rpl16 [complement(81784..81792)], rpl2 [complement(83760..84191)], rpl2 [complement(84855..85244)], ndhB [complement(90068..90823)], ndhB [complement(91527..92303)], trnI-GAU [97801..97837], trnI-GAU [98788..98822], trnA-UGC [98888..98925], trnA-UGC [99736..99770], ndhA [complement(115274..115812)], ndhA [complement(116830..117373)], trnA-UGC [complement(124766..124800)], trnA-UGC</p>	<p>trnK-UUU [complement(1445..3930)], rps16 [complement(4747..5585)], trnG-UCC [complement(13755..14453)], atpF [35850..36666], ycf3 [complement(44984..45724)], ycf3 [complement(45955..46714)], trnL-UAA [49623..50074], trnV-UAC [complement(53826..54429)], petB [73928..74682], petD [75515..76254], rpl16 [complement(80691..81783)], rpl2 [complement(84192..84854)], ndhB [complement(90824..91526)], trnI-GAU [97838..98787], trnA-UGC [98926..99735], ndhA [complement(115813..116829)], trnA-UGC [complement(124801..125610)], trnI-GAU [complement(125749..126698)], ndhB [133010..133712], rpl2 [139682..140344]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(125611..125648)], trnI-GAU [complement(125714..125748)], trnI-GAU [complement(126699..126735)], ndhB [132233..133009], ndhB [133713..134468], rpl2 [139292..139681], rpl2 [140345..140776]	
2348.	MISI	64	rps12 [complement(93089..93117)], rps12 [complement(93658..93889)], rps12 [complement(70011..70124)], trnK-UUU [complement(1410..1444)], trnK-UUU [complement(3928..3964)], rps16 [complement(4530..4747)], rps16 [complement(5587..5626)], trnG-UCC [complement(13729..13776)], trnG-UCC [complement(14476..14498)], atpF [35679..35838], atpF [36656..37062], ycf3 [complement(44814..44972)], ycf3 [complement(45710..45939)], ycf3 [complement(46700..46823)], trnL-UAA [49573..49607], trnL-UAA [50060..50109], trnV-UAC [complement(53771..53805)], trnV-UAC [complement(54410..54448)], rps12 [130643..130874], rps12 [131415..131443], petB [73878..73883], petB [74639..75280], petD [75463..75470], petD [76211..76685], rpl16 [complement(80246..80647)], rpl16 [complement(81741..81749)], rpl2 [complement(83716..84147)], rpl2 [complement(84811..85200)], ndhB [complement(90024..90779)], ndhB [complement(91483..92259)], trnI-GAU [97757..97793], trnI-GAU [98744..98778], trnA-UGC [98844..98881], trnA-UGC [99692..99726], ndhA [complement(115310..115848)], ndhA [complement(116870..117413)], trnA-UGC [complement(124806..124840)], trnA-UGC [complement(125651..125688)], trnI-GAU [complement(125754..125788)], trnI-GAU [complement(126739..126775)], ndhB [132273..133049], ndhB [133753..134508], rpl2 [139332..139721], rpl2 [140385..140816]	trnK-UUU [complement(1445..3927)], rps16 [complement(4748..5586)], trnG-UCC [complement(13777..14475)], atpF [35839..36655], ycf3 [complement(44973..45709)], ycf3 [complement(45940..46699)], trnL-UAA [49608..50059], trnV-UAC [complement(53806..54409)], petB [73884..74638], petD [75471..76210], rpl16 [complement(80648..81740)], rpl2 [complement(84148..84810)], ndhB [complement(90780..91482)], trnI-GAU [97794..98743], trnA-UGC [98882..99691], ndhA [complement(115849..116869)], trnA-UGC [complement(124841..125650)], trnI-GAU [complement(125789..126738)], ndhB [133050..133752], rpl2 [139722..140384]
2349.	MISP	72	rps12 [complement(99444..99469)], rps12 [complement(99996..100227)], rps12 [complement(71703..71816)], trnK [complement(1647..1681)], trnK [complement(4177..4213)], rps16 [complement(5047..5273)], rps16 [complement(6097..6136)], trnG-GCC [9517..9539], trnG-GCC [10222..10258], atpF [complement(12238..12648)], atpF [complement(13345..13503)], rpoC1 [complement(21385..23004)], rpoC1 [complement(23737..24168)], ycf3 [complement(43900..44052)], ycf3 [complement(44798..45025)], ycf3 [complement(45739..45864)], trnL-UAA [48449..48485], trnL-UAA [48983..49032], trnV-UAC	trnK [complement(1682..4176)], rps16 [complement(5274..6096)], trnG-GCC [9540..10221], atpF [complement(12649..13344)], rpoC1 [complement(23005..23736)], ycf3 [complement(44053..44797)], ycf3 [complement(45026..45738)], trnL-UAA [48486..48982], trnV-UAC [complement(53031..53620)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52994..53030)], trnV-UAC [complement(53621..53658)], rps12 [141504..141735], rps12 [142262..142287], clpP [complement(71950..72177)], clpP [complement(72826..73117)], clpP [complement(73953..74023)], petB [76951..76956], petB [77739..78380], petD [78560..78567], petD [79271..79745], rpl16 [complement(83195..83593)], rpl16 [complement(84589..84597)], rpl2 [complement(86239..86673)], rpl2 [complement(87333..87713)], ndhB [complement(96418..97173)], ndhB [complement(97765..98634)], trnI-GAU [103923..103964], trnI-GAU [104901..104935], trnA-UGC [104999..105036], trnA-UGC [105845..105879], ndhA [complement(121328..121867)], ndhA [complement(122948..123499)], trnA-UGC [complement(135852..135886)], trnA-UGC [complement(136695..136732)], trnI-GAU [complement(136796..136830)], trnI-GAU [complement(137767..137808)], ndhB [143097..143963], ndhB [144558..145313], rpl2 [154018..154404], rpl2 [155058..155492]	[complement(72178..72825)], clpP [complement(73118..73952)], petB [76957..77738], petD [78568..79270], rpl16 [complement(83594..84588)], rpl2 [complement(86674..87332)], ndhB [complement(97174..97764)], trnI-GAU [103965..104900], trnA-UGC [105037..105844], ndhA [complement(121868..122947)], trnA-UGC [complement(135887..136694)], trnI-GAU [complement(136831..137766)], ndhB [143964..144557], rpl2 [154405..155057]
2350.	MITR	55	rps12 [complement(93069..93097)], rps12 [complement(93638..93869)], rps12 [complement(69991..70104)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3917..3954)], rps16 [complement(4508..4722)], rps16 [complement(5565..5604)], atpF [35652..35810], atpF [36628..37035], ycf3 [complement(44786..44944)], ycf3 [complement(45686..45913)], ycf3 [complement(46668..46799)], trnL-UAA [49549..49583], trnL-UAA [50036..50084], trnV-UAC [complement(53752..53788)], trnV-UAC [complement(54391..54429)], rps12 [130516..130747], rps12 [131288..131316], rpl16 [complement(80225..80626)], rpl16 [complement(81720..81728)], rpl2 [complement(83696..84127)], rpl2 [complement(84791..85180)], ndhB [complement(90004..90792)], ndhB [complement(91463..92239)], trnI-GAU [97737..97778], trnI-GAU [98725..98759], trnA-UGC [98825..98862], trnA-UGC [99673..99707], ndhA [complement(115186..115725)], ndhA [complement(116743..117285)], trnA-UGC [complement(124678..124712)], trnA-UGC [complement(125523..125560)], trnI-GAU [complement(125626..125660)], trnI-GAU [complement(126607..126648)], ndhB [132146..132922], ndhB [133593..134381], rpl2 [139205..139594], rpl2 [140258..140689]	trnK-UUU [complement(1414..3916)], rps16 [complement(4723..5564)], atpF [35811..36627], ycf3 [complement(44945..45685)], ycf3 [complement(45914..46667)], trnL-UAA [49584..50035], trnV-UAC [complement(53789..54390)], rpl16 [complement(80627..81719)], rpl2 [complement(84128..84790)], ndhB [complement(90793..91462)], trnI-GAU [97779..98724], trnA-UGC [98863..99672], ndhA [complement(115726..116742)], trnA-UGC [complement(124713..125522)], trnI-GAU [complement(125661..126606)], ndhB [132923..133592], rpl2 [139595..140257]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2351.	MNH E	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3918..3955)], rps12 [130830..130858]	trnK-UUU [complement(1416..3917)], rps16 [complement(4739..5576)], trnG-UCC [complement(13577..14273)], atpF [35564..36395], ycf3 [complement(44717..45446)], ycf3 [complement(45675..46406)], trnL-UAA [49329..49779], trnV-UAC [complement(53582..54183)], petB [73705..74458], petD [75297..76036], rpl16 [complement(80472..81543)], rpl2 [complement(83941..84603)], ndhB [complement(90564..91267)], trnI-GAU [97452..98397], trnA-UGC [98536..99345], ndhA [complement(115400..116411)], trnA-UGC [complement(124388..125197)], trnI-GAU [complement(125336..126281)], ndhB [132466..133169], rpl2 [139130..139792]
2352.	MOA L	1	rps12 [153183..153208]	-
2353.	MOC A	70	rps12 [complement(101442..101467)], rps12 [complement(102005..102236)], rps12 [complement(73465..73578)], trnK-UUU [complement(1888..1922)], trnK-UUU [complement(4476..4512)], rps16 [complement(5512..5739)], rps16 [complement(6658..6699)], atpF [complement(12737..13147)], atpF [complement(13881..14039)], rpoC1 [complement(22177..23808)], rpoC1 [complement(24595..25029)], ycf3 [complement(45117..45269)], ycf3 [complement(46037..46264)], ycf3 [complement(47041..47166)], trnL-UAA [50570..50606], trnL-UAA [51100..51149], trnV-UAC [complement(54390..54424)], trnV-UAC [complement(55033..55071)], rps12 [complement(73465..73578)], rps12 [145173..145404], rps12 [145942..145967], clpP [complement(73732..73977)], clpP [complement(74625..74915)], clpP [complement(75834..75902)], petB [78816..78821], petB [79614..80267], petD [80467..80475], petD	trnK-UUU [complement(1923..4475)], rps16 [complement(5740..6657)], atpF [complement(13148..13880)], rpoC1 [complement(23809..24594)], ycf3 [complement(45270..46036)], ycf3 [complement(46265..47040)], trnL-UAA [50607..51099], trnV-UAC [complement(54425..55032)], clpP [complement(73978..74624)], clpP [complement(74916..75833)], petB [78822..79613], petD [80476..81213], rpl16 [complement(85398..86387)], rpl2 [complement(88588..89269)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81214..81687], rpl16 [complement(84999..85397)], rpl16 [complement(86388..86396)], rpl2 [complement(88153..88587)], rpl2 [complement(89270..89662)], ndhB [complement(98381..99136)], ndhB [complement(99822..100598)], trnI-GAU [106020..106061], trnI-GAU [107001..107035], trnA-UGC [107100..107137], trnA-UGC [107940..107974], ndhA [complement(124823..125362)], ndhA [complement(126516..127067)], trnA-UGC [complement(139435..139469)], trnA-UGC [complement(140272..140309)], trnI-GAU [complement(140374..140408)], trnI-GAU [complement(141348..141389)], ndhB [146811..147587], ndhB [148273..149028], rpl2 [157747..158139], rpl2 [158822..159256]	[complement(99137..99821)], trnI-GAU [106062..107000], trnA-UGC [107138..107939], ndhA [complement(125363..126515)], trnA-UGC [complement(139470..140271)], trnI-GAU [complement(140409..141347)], ndhB [147588..148272], rpl2 [158140..158821]
2354.	MOC E	61	rps12 [complement(90795..90823)], rps12 [complement(91364..91595)], rps12 [complement(69217..69330)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3888..3925)], rps16 [complement(4485..4702)], rps16 [complement(5559..5598)], trnG-UCC [complement(13463..13510)], trnG-UCC [complement(14192..14214)], atpF [34654..34812], atpF [35626..36033], ycf3 [complement(43817..43975)], ycf3 [complement(44712..44939)], ycf3 [complement(45684..45809)], trnL [48536..48570], trnL [49114..49163], trnV-UAC [complement(52712..52758)], trnV-UAC [complement(53345..53383)], rps12 [128283..128514], rps12 [129055..129083], petB [73059..73064], petB [73811..74458], petD [74641..74648], petD [75389..75863], rpl2 [complement(82881..83312)], rpl2 [complement(83973..84365)], ndhB [complement(87722..88478)], ndhB [complement(89191..89966)], trnI-GAU [95413..95454], trnI-GAU [96407..96441], trnA-UGC [96507..96544], trnA-UGC [97355..97389], ndhA [complement(113008..113547)], ndhA [complement(114574..115122)], trnA-UGC [complement(122489..122523)], trnA-UGC [complement(123334..123371)], trnI-GAU [complement(123437..123471)], trnI-GAU [complement(124424..124465)], ndhB [129912..130688], ndhB [131401..132156], rpl2 [135513..135905], rpl2 [136566..136997]	trnK-UUU [complement(1411..3887)], rps16 [complement(4703..5558)], trnG-UCC [complement(13511..14191)], atpF [34813..35625], ycf3 [complement(43976..44711)], ycf3 [complement(44940..45683)], trnL [48571..49113], trnV-UAC [complement(52759..53344)], petB [73065..73810], petD [74649..75388], rpl2 [complement(83313..83972)], ndhB [complement(88479..89190)], trnI-GAU [95455..96406], trnA-UGC [96545..97354], ndhA [complement(113548..114573)], trnA-UGC [complement(122524..123333)], trnI-GAU [complement(123472..124423)], ndhB [130689..131400], rpl2 [135906..136565]
2355.	MOC H	63	rps12 [complement(101989..102015)], rps12 [complement(102552..102782)], rps12 [complement(73437..73550)], trnK-UUU [complement(1615..1643)], trnK-UUU [complement(4141..4177)], trnG-UCC [10064..10085], trnG-UCC	trnK-UUU [complement(1644..4140)], trnG-UCC [10086..10760], atpF [complement(13775..14525)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10761..10811], atpF [complement(13365..13774)], atpF [complement(14526..14679)], rpoC1 [complement(22614..24224)], rpoC1 [complement(24964..25398)], ycf3 [complement(45717..45869)], ycf3 [complement(46616..46845)], ycf3 [complement(47570..47696)], trnL-UAA [50644..50680], trnL-UAA [51203..51252], trnV-UAC [complement(54932..54968)], trnV-UAC [complement(55574..55611)], accD [60815..60941], accD [61050..61413], accD [61444..62428], rps12 [complement(73437..73550)], rps12 [144437..144667], rps12 [145204..145230], clpP [complement(73723..73950)], clpP [complement(74570..74863)], clpP [complement(75707..75775)], rpl2 [complement(88364..88833)], rpl2 [complement(89460..89853)], ndhB [complement(98921..99676)], ndhB [complement(100363..101139)], trnI-GAU [106533..106574], trnI-GAU [107528..107562], trnA-UGC [107635..107672], trnA-UGC [108475..108509], ndhA [complement(123903..124441)], ndhA [complement(125583..126138)], trnA-UGC [complement(138710..138744)], trnA-UGC [complement(139547..139584)], trnI-GAU [complement(139657..139691)], trnI-GAU [complement(140645..140686)], ndhB [146080..146856], ndhB [147543..148298]</p>	<p>[complement(24225..24963)], ycf3 [complement(45870..46615)], ycf3 [complement(46846..47569)], trnL-UAA [50681..51202], trnV-UAC [complement(54969..55573)], accD [60942..61049], accD [61414..61443], clpP [complement(73951..74569)], clpP [complement(74864..75706)], rpl2 [complement(88834..89459)], ndhB [complement(99677..100362)], trnI-GAU [106575..107527], trnA-UGC [107673..108474], ndhA [complement(124442..125582)], trnA-UGC [complement(138745..139546)], trnI-GAU [complement(139692..140644)], ndhB [146857..147542]</p>
2356.	MOC N	40	<p>rps12 [complement(69150..69263)], trnK-UUU [complement(1723..1757)], trnK-UUU [complement(4324..4360)], rps16 [complement(5053..5279)], trnL-UAA [46413..46447], trnL-UAA [46916..46965], trnV-UAC [complement(50647..50681)], trnV-UAC [complement(51291..51329)], rps12 [139585..139816], rps12 [140354..140379], trnI-GAU [102514..102555], trnI-GAU [103281..103315], trnA-UGC [103380..103417], trnA-UGC [104218..104252], trnA-UGC [complement(133856..133890)], trnA-UGC [complement(134691..134728)], trnI-GAU [complement(134793..134827)], trnI-GAU [complement(135559..135594)]</p>	<p>trnK-UUU [complement(1758..4323)], rps16 [complement(5280..6163)], atpF [complement(11904..12632)], rpoC1 [complement(21846..22624)], ycf3 [complement(42243..43057)], ycf3 [complement(43286..44002)], trnL-UAA [46448..46915], trnV-UAC [complement(50682..51290)], clpP [complement(69683..70235)], clpP [complement(70528..71443)], petB [74486..75276], petD [76133..76849], rpl16 [complement(81273..82389)], rpl2 [complement(84520..85193)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(95436..96120)], trnI-GAU [102556..103280], trnA-UGC [103418..104217], ndhA [complement(120066..121150)], trnA-UGC [complement(133891..134690)], trnI-GAU [complement(134828..135558)], ndhB [141991..142675], rpl2 [152909..153582]
2357.	MOE C	22	rps12 [142279..142304]	trnK-UUU [complement(1677..4253)], rps16 [complement(5347..6228)], trnG-UCC [9436..10159], atpF [complement(12563..13313)], rpoC1 [complement(22564..23397)], ycf3 [complement(43721..44493)], ycf3 [complement(44724..45519)], trnL-UAA [48557..49106], trnV-UAC [complement(53169..53759)], clpP [complement(72148..72789)], clpP [complement(73082..73990)], petB [76989..77784], petD [78653..79340], rpl16 [complement(83639..84604)], ndhB [complement(96768..97435)], trnI-GAU [103503..104458], trnA-UGC [104596..105417], ndhA [complement(122143..123193)], trnA-UGC [complement(135949..136770)], trnI-GAU [complement(136908..137863)], ndhB [143931..144598]
2358.	MOE M	27	trnK-UUU [complement(1690..1730)], trnK-UUU [complement(4342..4378)], rps12 [149904..149938], trnI-GAU [65537..65573], trnI-GAU [66527..66561], trnA-UGC [66603..66640], trnA-UGC [67448..67482], trnG-UCC [complement(97182..97229)], trnG-UCC [complement(97958..97980)], trnV-UAC [117702..117740], trnV-UAC [118400..118434], trnL-UAA	trnK-UUU [complement(1731..4341)], rpoC1 [21129..21898], atpF [36992..37726], trnI-GAU [65574..66526], trnA-UGC [66641..67447], ndhA [85083..86202], trnG-UCC [complement(97230..97957)], trnV-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(121854..121904)], trnL-UAA [complement(122393..122427)]	UAC [117741..118399], trnL-UAA [complement(121905..122392)], petD [complement(132046..132667)], petB [complement(133497..134377)], ycf3 [142171..142901], ycf3 [143130..143998], ndhB [151568..152247]
2359.	MOFL	1	rps12 [complement(95981..96006)]	-
2360.	MOF O	69	rps12 [complement(97297..97322)], rps12 [complement(97856..98087)], rps12 [complement(69785..69898)], trnH-GUG [complement(153525..153530)], trnH-GUG [complement(1..68)], trnK-UUU [complement(1601..1635)], trnK-UUU [complement(4144..4180)], rps16 [complement(4865..5060)], rps16 [complement(5912..5952)], trnG-UCC [8271..8293], trnG-UCC [8997..9044], atpF [complement(10884..11293)], atpF [complement(12014..12158)], rpoC1 [complement(19699..21300)], rpoC1 [complement(22074..22505)], ycf3 [complement(42528..42680)], ycf3 [complement(43460..43687)], ycf3 [complement(44437..44562)], trnL-UAA [47641..47677], trnL-UAA [48144..48193], trnV-UAC [complement(52121..52155)], trnV-UAC [complement(52746..52783)], rps12 [139666..139897], rps12 [140431..140456], clpP [complement(70045..70272)], clpP [complement(70864..71155)], clpP [complement(72056..72126)], petB [75074..75079], petB [75826..76467], petD [76677..76684], petD [77441..77915], rpl16 [complement(81295..81693)], rpl16 [complement(82736..82744)], ndhB [complement(94256..95011)], ndhB [complement(95680..96456)], trnI-GAU [101678..101714], trnI-GAU [102661..102695], trnA-UGC [102766..102803], trnA-UGC [103622..103656], ndhA [complement(119625..120163)], ndhA [complement(121239..121791)], trnA-UGC [complement(134097..134131)], trnA-UGC [complement(134950..134987)], trnI-GAU [complement(135058..135092)], trnI-GAU [complement(136039..136075)], ndhB [141297..142073], ndhB [142742..143497]	trnH-GUG [complement(153531..0)], trnK-UUU [complement(1636..4143)], rps16 [complement(5061..5911)], trnG-UCC [8294..8996], atpF [complement(11294..12013)], rpoC1 [complement(21301..22073)], ycf3 [complement(42681..43459)], ycf3 [complement(43688..44436)], trnL-UAA [47678..48143], trnV-UAC [complement(52156..52745)], clpP [complement(70273..70863)], clpP [complement(71156..72055)], petB [75080..75825], petD [76685..77440], rpl16 [complement(81694..82735)], ndhB [complement(95012..95679)], trnI-GAU [101715..102660], trnA-UGC [102804..103621], ndhA [complement(120164..121238)], trnA-UGC [complement(134132..134949)], trnI-GAU [complement(135093..136038)], ndhB [142074..142741]
2361.	MOH Y	5	rps12 [complement(28433..28675)], rps12 [complement(10617..10730)], rpl2 [954..1349], rpl2 [2032..2460]	rpl2 [1350..2031]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2362.	MOIN	6	rps12 [complement(100736..100761)], rps12 [complement(101299..101530)], rps12 [complement(72749..72862)], rps12 [complement(72749..72862)], rps12 [144341..144572], rps12 [145110..145135]	-
2363.	MOL O	60	rps12 [complement(102578..102603)], rps12 [complement(103140..103371)], rps12 [complement(74966..75079)], trnK-UUU [complement(2011..2045)], trnK-UUU [complement(4645..4681)], rps16 [complement(5260..5489)], rps16 [complement(6341..6380)], trnG-GCC [10263..10283], trnG-GCC [10984..11030], atpF [complement(12984..13394)], atpF [complement(14111..14254)], rpoC1 [complement(22379..23986)], rpoC1 [complement(24785..25216)], trnL-UAA [49427..49463], trnL-UAA [49967..50019], trnV-UAC [complement(53843..53879)], trnV-UAC [complement(54447..54484)], rps12 [complement(74966..75079)], rps12 [144071..144302], rps12 [144839..144864], petB [78835..78840], petB [79671..80312], petD [80506..80513], petD [81302..81776], rpl16 [complement(85409..85807)], rpl16 [complement(86922..86930)], rpl2 [complement(88662..89095)], rpl2 [complement(89768..90158)], ndhB [complement(99522..100277)], ndhB [complement(100957..101733)], trnI-GAU [107331..107367], trnI-GAU [108315..108347], trnA-UGC [108414..108451], trnA-UGC [109257..109291], ndhA [complement(123639..124177)], ndhA [complement(125286..125838)], trnA-UGC [complement(138151..138185)], trnA-UGC [complement(138991..139028)], trnI-GAU [complement(139093..139127)], trnI-GAU [complement(140075..140111)], ndhB [145709..146485], ndhB [147165..147920]	trnK-UUU [complement(2046..4644)], rps16 [complement(5490..6340)], trnG-GCC [10284..10983], atpF [complement(13395..14110)], rpoC1 [complement(23987..24784)], trnL-UAA [49464..49966], trnV-UAC [complement(53880..54446)], petB [78841..79670], petD [80514..81301], rpl16 [complement(85808..86921)], rpl2 [complement(89096..89767)], ndhB [complement(100278..100956)], trnI-GAU [107368..108314], trnA-UGC [108452..109256], ndhA [complement(124178..125285)], trnA-UGC [complement(138186..138990)], trnI-GAU [complement(139128..140074)], ndhB [146486..147164]
2364.	MOM A	29	trnK-UUU [complement(1690..1724)], trnK-UUU [complement(4343..4379)], rps12 [47021..47134], rps12 [126520..126751], rps12 [127294..127328], trnL-UAA [62991..63027], trnL-UAA [63507..63557], trnV-UAC [complement(66964..66998)], trnV-UAC [complement(67628..67666)], trnG-UCC [86966..86988], trnG-UCC [87705..87752], trnA-UGC [complement(113545..113579)], trnA-UGC [complement(114397..114434)], trnI-GAU [complement(114485..114519)], trnI-GAU [complement(115479..115515)]	trnK-UUU [complement(1725..4342)], petB [13998..14862], petD [15724..16434], atpF [complement(27226..27961)], rpoC1 [complement(39105..39875)], ycf3 [complement(56089..56950)], ycf3 [complement(57179..57919)], trnL-UAA [63028..63506], trnV-UAC [complement(66999..67627)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[86989..87704], ndhA [complement(98739..99893)], trnA-UGC [complement(113580..114396)], trnI-GAU [complement(114520..115478)], ndhB [128955..129634]
2365.	MOM O	44	trnK-UUU [complement(1697..1731)], trnK-UUU [complement(4286..4322)], trnG-UCC [9654..9676], trnG-UCC [10392..10439], ycf3 [complement(44495..44647)], trnL-UAA [49966..50000], trnL-UAA [50494..50547], trnV-UAC [complement(53766..53800)], trnV-UAC [complement(54391..54429)], rps12 [complement(72729..72842)], rps12 [144316..144549], rps12 [145087..145110], trnI-GAU [105283..105324], trnI- GAU [106264..106298], trnA-UGC [106363..106400], trnA-UGC [107203..107237], trnA-UGC [complement(138590..138624)], trnA-UGC [complement(139427..139464)], trnI-GAU [complement(139529..139563)], trnI-GAU [complement(140503..140544)], ndhB [147416..148171]	trnK-UUU [complement(1732..4285)], rps16 [complement(5547..6465)], trnG-UCC [9677..10391], atpF [complement(12931..13679)], rpoC1 [complement(23574..24371)], ycf3 [complement(44648..45414)], ycf3 [complement(45643..46448)], trnL-UAA [50001..50493], trnV-UAC [complement(53801..54390)], clpP [complement(73224..73887)], clpP [complement(74182..75096)], petB [78085..78888], petD [79739..80473], rpl16 [complement(84674..85663)], rpl2 [complement(87863..88547)], ndhB [complement(98412..99096)], trnI-GAU [105325..106263], trnA-UGC [106401..107202], ndhA [complement(124518..125669)], trnA-UGC [complement(138625..139426)], trnI-GAU [complement(139564..140502)], ndhB [146731..147415], rpl2 [157280..157964]
2366.	MON O	70	trnK-UUU [complement(1678..1721)], trnK-UUU [complement(4276..4312)], rps16 [complement(5308..5535)], rps16 [complement(6449..6490)], trnG-UCC [9658..9680], trnG-UCC [10403..10450], atpF [complement(12540..12950)], atpF [complement(13705..13848)], rpoC1 [complement(21986..23608)], rpoC1 [complement(24397..24828)], ycf3 [complement(44544..44696)], ycf3 [complement(45464..45691)], ycf3 [complement(46503..46628)], trnL-UAA	trnK-UUU [complement(1722..4275)], rps16 [complement(5536..6448)], trnG-UCC [9681..10402], atpF [complement(12951..13704)], rpoC1 [complement(23609..24396)], ycf3 [complement(44697..45463)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49868..49902], trnL-UAA [50452..50501], trnV-UAC [complement(53723..53757)], trnV-UAC [complement(54348..54386)], rps12 [72774..72887], rps12 [144503..144734], rps12 [145272..145297], clpP [complement(73041..73268)], clpP [complement(73939..74232)], clpP [complement(75158..75226)], petB [78140..78145], petB [78950..79591], petD [79791..79799], petD [80538..81011], rpl16 [complement(84339..84737)], rpl16 [complement(85731..85739)], rpl2 [complement(87505..87939)], rpl2 [complement(88625..89014)], ndhB [complement(97741..98496)], ndhB [complement(99182..99958)], trnI-GAU [105377..105413], trnI-GAU [106358..106392], trnA-UGC [106457..106494], trnA-UGC [107297..107331], ndhA [complement(124127..124666)], ndhA [complement(125826..126377)], trnA-UGC [complement(138768..138808)], trnA-UGC [complement(139605..139642)], trnI [complement(139707..139741)], trnI [complement(140686..140722)], ndhB [146141..146917], ndhB [147603..148358], rpl2 [157085..157474], rpl2 [158160..158594]	[complement(45692..46502)], trnL-UAA [49903..50451], trnV-UAC [complement(53758..54347)], clpP [complement(73269..73938)], clpP [complement(74233..75157)], petB [78146..78949], petD [79800..80537], rpl16 [complement(84738..85730)], rpl2 [complement(87940..88624)], ndhB [complement(98497..99181)], trnI-GAU [105414..106357], trnA-UGC [106495..107296], ndhA [complement(124667..125825)], trnA-UGC [complement(138809..139604)], trnI [complement(139742..140685)], ndhB [146918..147602], rpl2 [157475..158159]
2367.	MOO L	67	rps12 [complement(102400..102425)], rps12 [complement(102962..103193)], rps12 [complement(73935..74048)], trnK-UUU [complement(1692..1726)], trnK-UUU [complement(4268..4304)], rps16 [complement(5164..5389)], rps16 [complement(6289..6329)], atpF [complement(12000..12408)], atpF [complement(13130..13290)], rpoC1 [complement(21504..23123)], rpoC1 [complement(23879..24310)], ycf3 [complement(44855..45007)], ycf3 [complement(45778..46005)], ycf3 [complement(46738..46863)], trnL-UAA [49985..50022], trnL-UAA [50516..50564], trnV-UAC [complement(54752..54788)], trnV-UAC [complement(55393..55431)], rps12 [complement(73935..74048)], rps12 [145985..146216], rps12 [146753..146778], clpP [complement(74187..74414)], clpP [complement(75015..75308)], clpP [complement(76159..76227)], petB [79174..79179], petB [79968..80621], rpl16 [complement(85626..86024)], rpl16 [complement(87086..87094)], rpl2 [complement(88733..89166)], rpl2 [complement(89832..90222)], ndhB [complement(99335..100090)], ndhB [complement(100779..101555)], trnI-GAU [107161..107200], trnI-GAU [108137..108172], trnA-UGC [108237..108274], trnA-UGC [109071..109105],	trnK-UUU [complement(1727..4267)], rps16 [complement(5390..6288)], atpF [complement(12409..13129)], rpoC1 [complement(23124..23878)], ycf3 [complement(45008..45777)], ycf3 [complement(46006..46737)], trnL-UAA [50023..50515], trnV-UAC [complement(54789..55392)], clpP [complement(74415..75014)], clpP [complement(75309..76158)], petB [79180..79967], rpl16 [complement(86025..87085)], rpl2 [complement(89167..89831)], ndhB [complement(100091..100778)], trnI-GAU [107201..108136], trnA-UGC [108275..109070], ndhA [complement(126020..127156)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(125480..126019)], ndhA [complement(127157..127708)], trnA-UGC [complement(140073..140107)], trnA-UGC [complement(140904..140941)], trnI-GAU [complement(141006..141039)], trnI-GAU [complement(141976..142017)], ndhB [147623..148399], ndhB [149088..149843], rpl2 [158956..159345], rpl2 [160011..160445]	[complement(140108..140903)], trnI-GAU [complement(141040..141975)], ndhB [148400..149087], rpl2 [159346..160010]
2368.	MOP A	64	rps12 [complement(91043..91071)], rps12 [complement(91612..91843)], rps12 [complement(69486..69599)], trnK-UUU [complement(1376..1408)], trnK-UUU [complement(3894..3931)], rps16 [complement(4525..4736)], rps16 [complement(5594..5633)], trnG-UCC [complement(13419..13466)], trnG-UCC [complement(14151..14173)], atpF [35025..35183], atpF [35985..36392], ycf3 [complement(44192..44350)], ycf3 [complement(45085..45312)], ycf3 [complement(46066..46191)], trnL-UAA [48939..48973], trnL-UAA [49515..49564], trnV-UAC [complement(53091..53137)], trnV-UAC [complement(53724..53762)], rps12 [128322..128553], rps12 [129094..129122], petB [73326..73331], petB [74099..74746], petD [74930..74937], petD [75689..76163], rpl16 [complement(79702..80103)], rpl16 [complement(81158..81166)], rpl2 [complement(83117..83548)], rpl2 [complement(84209..84601)], ndhB [complement(87970..88726)], ndhB [complement(89439..90214)], trnI-GAU [95604..95645], trnI-GAU [96581..96615], trnA-UGC [96681..96718], trnA-UGC [97529..97563], ndhA [complement(113102..113641)], ndhA [complement(114665..115213)], trnA-UGC [complement(122602..122636)], trnA-UGC [complement(123447..123484)], trnI-GAU [complement(123550..123584)], trnI-GAU [complement(124520..124561)], ndhB [129951..130727], ndhB [131440..132195], rpl2 [135564..135956], rpl2 [136617..137048]	trnK-UUU [complement(1409..3893)], rps16 [complement(4737..5593)], trnG-UCC [complement(13467..14150)], atpF [35184..35984], ycf3 [complement(44351..45084)], ycf3 [complement(45313..46065)], trnL-UAA [48974..49514], trnV-UAC [complement(53138..53723)], petB [73332..74098], petD [74938..75688], rpl16 [complement(80104..81157)], rpl2 [complement(83549..84208)], ndhB [complement(88727..89438)], trnI-GAU [95646..96580], trnA-UGC [96719..97528], ndhA [complement(113642..114664)], trnA-UGC [complement(122637..123446)], trnI-GAU [complement(123585..124519)], ndhB [130728..131439], rpl2 [135957..136616]
2369.	MOR U	42	rps12 [complement(73937..74050)], trnK-UUU [complement(1787..1821)], trnK-UUU [complement(4343..4379)], trnG-GCC [10235..10257], trnG-GCC [10965..11013], trnL-UAA [51262..51296], trnL-UAA [51816..51864], trnV-UAC [complement(55405..55439)], trnV-UAC [complement(56056..56093)], rps12 [complement(73937..74050)], rps12 [146048..146073], trnI-GAU [106869..106905], trnI-GAU [107862..107896], trnA-UGC [107961..107998], trnA-UGC [108806..108840], trnA-UGC [complement(139519..139553)],	trnK-UUU [complement(1822..4342)], rps16 [complement(5479..6343)], trnG-GCC [10258..10964], atpF [complement(13544..14293)], rpoC1 [complement(24193..25006)], ycf3 [complement(46204..46953)], ycf3 [complement(47182..47889)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(140361..140398)], trnI-GAU [complement(140463..140497)], trnI-GAU [complement(141454..141490)]	[51297..51815], trnV-UAC [complement(55440..56055)], clpP [complement(74452..75043)], clpP [complement(75338..76184)], petB [79204..80028], petD [80894..81503], rpl16 [complement(85934..87068)], rpl2 [complement(89282..89965)], ndhB [complement(99931..100616)], trnI-GAU [106906..107861], trnA-UGC [107999..108805], ndhA [complement(125521..126627)], trnA-UGC [complement(139554..140360)], trnI-GAU [complement(140498..141453)], ndhB [147743..148428], rpl2 [158394..159077]
2370.	MOSP	23	trnL-UAA [37853..37887], trnL-UAA [38383..38433], trnV-UAC [complement(41830..41864)], trnV-UAC [complement(42475..42513)], trnK-UUU [86176..86212], trnK-UUU [88816..88850], trnI-GAU [104173..104209], trnI-GAU [105167..105201], trnA-UGC [105251..105288], trnA-UGC [106084..106118]	ycf3 [7590..8338], ycf3 [8567..9450], petB [28350..29224], petD [30105..30846], trnL-UAA [37888..38382], trnV-UAC [complement(41865..42474)], rpoC1 [71235..72023], atpF [81999..82719], trnK-UUU [86213..88815], ndhB [complement(96780..97460)], trnI-GAU [104210..105166], trnA-UGC [105289..106083], ndhA [complement(121693..122844)]
2371.	MOU N	5	rps12 [complement(17852..17980)], rps12 [complement(3150..3386)], rpl2 [8398..8790], rpl2 [9485..9919]	rpl2 [8791..9484]
2372.	MOV E	64	rps12 [complement(97763..97788)], rps12 [complement(98325..98556)], rps12 [complement(70015..70128)], trnK-UUU [complement(1661..1695)], trnK-UUU [complement(4220..4256)], rps16 [complement(4826..5036)], rps16 [complement(5959..5999)], trnG-UCC [8619..8641], trnG-UCC [9351..9398], atpF [complement(11323..11732)], atpF [complement(12542..12686)], rpoC1 [complement(20264..21874)], rpoC1 [complement(22669..23100)], ycf3	trnK-UUU [complement(1696..4219)], rps16 [complement(5037..5958)], trnG-UCC [8642..9350], atpF [complement(11733..12541)], rpoC1 [complement(21875..22668)], ycf3 [complement(43710..44504)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43329..43709)], ycf3 [complement(44505..44630)], trnL-UAA [47174..47210], trnL-UAA [47744..47793], trnV-UAC [complement(51740..51774)], trnV-UAC [complement(52375..52412)], rps12 [140355..140586], rps12 [141123..141148], clpP [complement(70280..70507)], clpP [complement(71115..71406)], clpP [complement(72265..72335)], petB [75271..75276], petB [76060..76701], petD [76932..76939], petD [77699..78173], rpl16 [complement(81615..82013)], rpl16 [complement(83039..83047)], ndhB [complement(94715..95470)], ndhB [complement(96139..96915)], trnI-GAU [102189..102225], trnI-GAU [103168..103202], trnA-UGC [103273..103310], trnA-UGC [104133..104167], ndhA [complement(120197..120735)], ndhA [complement(121710..122262)], trnA-UGC [complement(134744..134778)], trnA-UGC [complement(135601..135638)], trnI-GAU [complement(135709..135743)], trnI-GAU [complement(136686..136722)], ndhB [141996..142772], ndhB [143441..144196]	[47211..47743], trnV-UAC [complement(51775..52374)], clpP [complement(70508..71114)], clpP [complement(71407..72264)], petB [75277..76059], petD [76940..77698], rpl16 [complement(82014..83038)], ndhB [complement(95471..96138)], trnI-GAU [102226..103167], trnA-UGC [103311..104132], ndhA [complement(120736..121709)], trnA-UGC [complement(134779..135600)], trnI-GAU [complement(135744..136685)], ndhB [142773..143440]
2373.	MUB A	51	rps12 [complement(73405..73518)], trnK-UUU [complement(1438..1472)], trnK-UUU [complement(4126..4162)], rps16 [complement(4914..5123)], rps16 [complement(5959..6000)], atpF [complement(12190..12600)], ycf3 [complement(44800..44952)], ycf3 [complement(46689..46814)], trnL-UAA [49784..49818], trnL-UAA [50354..50403], trnV-UAC [complement(54633..54669)], trnV-UAC [complement(55258..55295)], rps12 [154682..154707], clpP [complement(73672..73923)], petB [79471..80118], rpl16 [complement(85067..85468)], rpl2 [complement(88554..88985)], rpl2 [complement(89645..90037)], ndhB [complement(99562..100317)], trnA-UGC [108585..108622], trnA-UGC [109424..109458], ndhA [complement(133239..133778)], trnA-UGC [complement(147874..147908)], trnA-UGC [complement(148710..148747)], trnI-GAU [complement(148812..148846)], trnI-GAU [complement(149805..149846)], ndhB [157015..157770], rpl2 [167295..167687], rpl2 [168347..168778]	trnK-UUU [complement(1473..4125)], rps16 [complement(5124..5958)], atpF [complement(12601..13442)], rpoC1 [complement(23505..24218)], ycf3 [complement(44953..45728)], ycf3 [complement(45957..46688)], trnL-UAA [49819..50353], trnV-UAC [complement(54670..55257)], clpP [complement(73924..74568)], clpP [complement(74860..75673)], petB [78661..79470], petD [80320..81048], rpl16 [complement(85469..86524)], rpl2 [complement(88986..89644)], ndhB [complement(100318..101017)], trnI-GAU [107528..108485], trnA-UGC [108623..109423], ndhA [complement(133779..134896)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(147909..148709)], trnI-GAU [complement(148847..149804)], ndhB [156315..157014], rpl2 [167688..168346]
2374.	MUIT	42	rps12 [complement(102482..102505)], rps12 [complement(103041..103277)], rps12 [complement(73328..73441)], trnK-UUU [complement(1438..1472)], trnK-UUU [complement(4121..4157)], trnL-UAA [49670..49704], trnL-UAA [50240..50289], trnV-UAC [complement(54524..54560)], trnV-UAC [complement(55149..55186)], rps12 [complement(73328..73441)], rps12 [153531..153759], rps12 [154301..154326], rpl2 [complement(89512..89901)], trnI-GAU [107343..107384], trnI-GAU [108343..108377], trnA-UGC [108442..108479], trnA-UGC [109281..109315], trnA-UGC [complement(147493..147527)], trnA-UGC [complement(148329..148366)], trnI-GAU [complement(148431..148465)], trnI-GAU [complement(149424..149465)]	trnK-UUU [complement(1473..4120)], rps16 [complement(5119..5956)], atpF [complement(12498..13341)], rpoC1 [complement(23419..24122)], ycf3 [complement(44852..45627)], ycf3 [complement(45856..46585)], trnL-UAA [49705..50239], trnV-UAC [complement(54561..55148)], clpP [complement(73844..74491)], clpP [complement(74783..75589)], petB [78583..79395], petD [80244..80972], rpl2 [complement(88850..89511)], ndhB [complement(100175..100874)], trnI-GAU [107385..108342], trnA-UGC [108480..109280], ndhA [complement(133448..134525)], trnA-UGC [complement(147528..148328)], trnI-GAU [complement(148466..149423)], ndhB [155934..156633], rpl2 [167306..167964]
2375.	MUL A	67	rps12 [complement(102512..102535)], rps12 [complement(103071..103307)], rps12 [complement(73237..73350)], trnK-UUU [complement(1401..1435)], trnK-UUU [complement(4072..4108)], rps16 [complement(4886..5095)], rps16 [complement(5918..5959)], atpF [complement(11855..12265)], atpF [complement(13100..13243)], rpoC1 [complement(21534..23162)], rpoC1 [complement(23882..24313)], ycf3 [complement(44589..44741)], ycf3 [complement(45523..45750)], ycf3 [complement(46481..46606)], trnL-UAA [49538..49572], trnL-UAA [50093..50142], trnV-UAC [complement(54348..54384)], trnV-UAC [complement(54973..55010)], rps12 [complement(73237..73350)], rps12 [153756..153984], rps12	trnK-UUU [complement(1436..4071)], rps16 [complement(5096..5917)], atpF [complement(12266..13099)], rpoC1 [complement(23163..23881)], ycf3 [complement(44742..45522)], ycf3 [complement(45751..46480)], trnL-UAA [49573..50092], trnV-UAC [complement(54385..54972)], clpP [complement(73749..74395)], clpP [complement(74687..75489)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[154526..154551], clpP [complement(73491..73748)], clpP [complement(74396..74686)], clpP [complement(75490..75558)], petB [78471..78476], petB [79282..79929], petD [80146..80154], petD [80885..81358], rpl16 [complement(84935..85336)], rpl16 [complement(86380..86388)], ndhB [complement(99450..100205)], ndhB [complement(100906..101682)], trnI-GAU [107362..107403], trnI-GAU [108338..108372], trnA-UGC [108437..108474], trnA-UGC [109276..109310], ndhA [complement(132899..133438)], ndhA [complement(134559..135110)], trnA-UGC [complement(147753..147787)], trnA-UGC [complement(148589..148626)], trnI-GAU [complement(148691..148725)], trnI-GAU [complement(149660..149701)], ndhB [155381..156157], ndhB [156858..157613], rpl2 [167133..167517], rpl2 [168183..168610]	[78477..79281], petD [80155..80884], rpl16 [complement(85337..86379)], ndhB [complement(100206..100905)], trnI-GAU [107404..108337], trnA-UGC [108475..109275], ndhA [complement(133439..134558)], trnA-UGC [complement(147788..148588)], trnI-GAU [complement(148726..149659)], ndhB [156158..156857], rpl2 [167518..168182]
2376.	MUM A	63	rps12 [complement(98811..98836)], rps12 [complement(99369..99600)], rps12 [complement(70843..70956)], trnK-UUU [complement(1749..1783)], trnK-UUU [complement(4386..4422)], trnV-UAC [9969..10007], trnV-UAC [10591..10627], trnL-UAA [complement(13826..13875)], trnL-UAA [complement(14404..14440)], ycf3 [17183..17308], ycf3 [17991..18218], ycf3 [18988..19140], rpoC1 [38902..39333], rpoC1 [40071..41693], atpF [50161..50304], atpF [51059..51466], trnG-UCC [complement(53773..53821)], trnG-UCC [complement(54511..54533)], rps12 [140100..140331], rps12 [140864..140889], clpP [complement(71148..71372)], clpP [complement(72135..72426)], clpP [complement(73132..73202)], petB [76117..76122], petB [76932..77573], petD [77776..77783], petD [78503..78977], rpl16 [complement(82793..83191)], rpl16 [complement(84372..84380)], ndhB [complement(95757..96512)], ndhB [complement(97204..97926)], trnI-GAU [103489..103524], trnI-GAU [104482..104516], trnA-UGC [104581..104618], trnA-UGC [105427..105461], ndhA [complement(120010..120549)], ndhA [complement(121754..122308)], trnA-UGC [complement(134239..134273)], trnA-UGC [complement(135082..135119)], trnI-GAU [complement(135184..135218)], trnI-GAU [complement(136176..136211)], ndhB [141774..142496], ndhB [143188..143943]	trnK-UUU [complement(1784..4385)], trnV-UAC [10008..10590], trnL-UAA [complement(13876..14403)], ycf3 [17309..17990], ycf3 [18219..18987], rpoC1 [39334..40070], atpF [50305..51058], trnG-UCC [complement(53822..54510)], clpP [complement(71373..72134)], clpP [complement(72427..73131)], petB [76123..76931], petD [77784..78502], rpl16 [complement(83192..84371)], ndhB [complement(96513..97203)], trnI-GAU [103525..104481], trnA-UGC [104619..105426], ndhA [complement(120550..121753)], trnA-UGC [complement(134274..135081)], trnI-GAU [complement(135219..136175)], ndhB [142497..143187]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2377.	MUOR	36	rps12 [complement(103162..103187)], rps12 [complement(103729..103957)], rps12 [complement(74009..74122)], trnK-UUU [complement(1562..1596)], trnK-UUU [complement(4263..4299)], trnL-UAA [50095..50129], trnL-UAA [50650..50699], trnV-UAC [complement(55048..55084)], trnV-UAC [complement(55674..55711)], trnI-GAU [108045..108086], trnI-GAU [109045..109079], trnA-UGC [109144..109181], trnA-UGC [109990..110024], trnA-UGC [complement(148328..148362)], trnA-UGC [complement(149171..149208)], trnI-GAU [complement(149273..149307)], trnI-GAU [complement(150266..150307)]	trnK-UUU [complement(1597..4262)], rps16 [complement(5269..6100)], atpF [complement(13603..14484)], rpoC1 [complement(24579..25279)], ycf3 [complement(45572..46347)], ycf3 [complement(46576..47319)], trnL-UAA [50130..50649], trnV-UAC [complement(55085..55673)], clpP [complement(74521..75164)], clpP [complement(75456..76292)], rpl2 [complement(89458..90116)], ndhB [complement(100855..101554)], trnI-GAU [108087..109044], trnA-UGC [109182..109989], ndhA [complement(133983..135041)], trnA-UGC [complement(148363..149170)], trnI-GAU [complement(149308..150265)], ndhB [156798..157497], rpl2 [168235..168893]
2378.	MURO	40	rps12 [complement(73128..73241)], trnK-UUU [complement(1782..1816)], trnK-UUU [complement(4336..4372)], trnG-UCC [9768..9790], trnG-UCC [10483..10529], trnL-UAA [50229..50263], trnL-UAA [50790..50839], trnV-UAC [complement(54429..54463)], trnV-UAC [complement(55041..55078)], rps12 [complement(73128..73241)], rps12 [143847..143872], trnI-GAU [105089..105125], trnI-GAU [106074..106108], trnA-UGC [106173..106210], trnA-UGC [107045..107079], trnA-UGC [complement(137486..137520)], trnA-UGC [complement(138355..138392)], trnI-GAU [complement(138457..138491)], trnI-GAU [complement(139440..139476)]	trnK-UUU [complement(1817..4335)], rps16 [complement(5228..6063)], trnG-UCC [9791..10482], atpF [complement(12975..13705)], rpoC1 [complement(23375..24098)], ycf3 [complement(45099..45842)], ycf3 [complement(46073..46786)], trnL-UAA [50264..50789], trnV-UAC [complement(54464..55040)], clpP [complement(73623..74226)], clpP [complement(74518..75320)], petB [78261..79073], petD [79912..80616], rpl16 [complement(84948..85951)], ndhB [complement(98393..99071)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[105126..106073], trnA-UGC [106211..107044], ndhA [complement(123337..124404)], trnA-UGC [complement(137521..138354)], trnI-GAU [complement(138492..139439)], ndhB [145494..146172]
2379.	MUTE	73	rps12 [complement(102451..102476)], rps12 [complement(103018..103246)], rps12 [complement(73464..73577)], trnK-UUU [complement(1530..1564)], trnK-UUU [complement(4218..4254)], rps16 [complement(5006..5217)], rps16 [complement(6053..6092)], trnG-GCC [9514..9536], trnG-GCC [10246..10283], atpF [complement(12267..12677)], atpF [complement(13520..13663)], rpoC1 [complement(21953..23585)], rpoC1 [complement(24300..24727)], ycf3 [complement(44877..45029)], ycf3 [complement(45806..46035)], ycf3 [complement(46768..46891)], trnL-UAA [49861..49895], trnL-UAA [50431..50480], trnV-UAC [complement(54710..54746)], trnV-UAC [complement(55335..55372)], rps12 [complement(73464..73577)], rps12 [146118..146346], rps12 [146888..146913], clpP [complement(73731..73982)], clpP [complement(74628..74919)], clpP [complement(75731..75801)], petB [78714..78719], petB [79530..80177], petD [80370..80377], petD [81107..81581], rpl16 [complement(85126..85527)], rpl16 [complement(86584..86592)], rpl2 [complement(88613..89044)], rpl2 [complement(89707..90096)], ndhB [complement(99388..100143)], ndhB [complement(100844..101620)], trnI-GAU [107312..107353], trnI-GAU [108312..108346], trnA-UGC [108411..108448], trnA-UGC [109250..109284], ndhA [complement(125502..126040)], ndhA [complement(127159..127711)], trnA-UGC [complement(140080..140114)], trnA-UGC [complement(140916..140953)], trnI-GAU [complement(141018..141052)], trnI-GAU [complement(142011..142052)], ndhB [147744..148520], ndhB [149221..149976], rpl2 [159268..159657], rpl2 [160320..160751]	trnK-UUU [complement(1565..4217)], rps16 [complement(5218..6052)], trnG-GCC [9537..10245], atpF [complement(12678..13519)], rpoC1 [complement(23586..24299)], ycf3 [complement(45030..45805)], ycf3 [complement(46036..46767)], trnL-UAA [49896..50430], trnV-UAC [complement(54747..55334)], clpP [complement(73983..74627)], clpP [complement(74920..75730)], petB [78720..79529], petD [80378..81106], rpl16 [complement(85528..86583)], rpl2 [complement(89045..89706)], ndhB [complement(100144..100843)], trnI-GAU [107354..108311], trnA-UGC [108449..109249], ndhA [complement(126041..127158)], trnA-UGC [complement(140115..140915)], trnI-GAU [complement(141053..142010)], ndhB [148521..149220], rpl2 [159658..160319]
2380.	MYA F	72	rps12 [complement(99576..99602)], rps12 [complement(100141..100371)], rps12 [complement(71370..71483)], trnK-UUU [complement(1778..1812)],	trnK-UUU [complement(1813..4351)], rps16 [complement(5266..6107)], trnS-CGA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4352..4388)], rps16 [complement(5041..5265)], rps16 [complement(6108..6149)], trnS-CGA [9886..9917], trnS-CGA [10599..10658], atpF [complement(12687..13097)], atpF [complement(13796..13954)], rpoC1 [complement(21544..23169)], rpoC1 [complement(23909..24343)], ycf3 [complement(43845..43997)], ycf3 [complement(44733..44960)], ycf3 [complement(45678..45806)], trnL-UAA [48804..48838], trnL-UAA [49343..49392], trnC-ACA [complement(52672..52707)], trnC-ACA [complement(53289..53327)], rps12 [142219..142449], rps12 [142988..143014], clpP [complement(71621..71848)], clpP [complement(72524..72814)], clpP [complement(73673..73741)], petB [76714..76719], petB [77480..78121], petD [78312..78320], petD [79142..79618], rpl16 [complement(83123..83533)], rpl16 [complement(84543..84551)], rpl2 [complement(86251..86685)], rpl2 [complement(87338..87730)], ndhB [complement(96495..97250)], ndhB [complement(97935..98711)], trnE-UUC [104313..104344], trnE-UUC [105287..105326], trnA-UGC [105391..105427], trnA-UGC [106235..106270], ndhA [complement(121757..122296)], ndhA [complement(123397..123948)], trnA-UGC [complement(136320..136355)], trnA-UGC [complement(137163..137199)], trnE-UUG [complement(137264..137303)], trnE-UUG [complement(138246..138277)], ndhB [143879..144655], ndhB [145340..146095], rpl2 [154860..155252], rpl2 [155905..156339]	[9918..10598], atpF [complement(13098..13795)], rpoC1 [complement(23170..23908)], ycf3 [complement(43998..44732)], ycf3 [complement(44961..45677)], trnL-UAA [48839..49342], trnC-ACA [complement(52708..53288)], clpP [complement(71849..72523)], clpP [complement(72815..73672)], petB [76720..77479], petD [78321..79141], rpl16 [complement(83534..84542)], rpl2 [complement(86686..87337)], ndhB [complement(97251..97934)], trnE-UUC [104345..105286], trnA-UGC [105428..106234], ndhA [complement(122297..123396)], trnA-UGC [complement(136356..137162)], trnE-UUG [complement(137304..138245)], ndhB [144656..145339], rpl2 [155253..155904]
2381.	MYP A	69	rps12 [complement(98242..98267)], rps12 [complement(98806..99037)], rps12 [complement(70051..70164)], trnH-GUG [complement(154646..154651)], trnH-GUG [complement(1..68)], trnK-UUU [complement(1642..1676)], trnK-UUU [complement(4208..4244)], rps16 [complement(4865..5078)], rps16 [complement(5914..5954)], trnG-UCC [9041..9063], trnG-UCC [9751..9798], atpF [complement(11701..12110)], atpF [complement(12810..12954)], rpoC1 [complement(20546..22156)], rpoC1 [complement(22927..23358)], ycf3 [complement(43181..43333)], ycf3 [complement(44094..44321)], ycf3 [complement(45105..45230)], trnL-UAA [48284..48320], trnL-UAA [48825..48874], trnV-UAC [complement(52591..52625)], trnV-UAC [complement(53219..53257)], rps12	trnH-GUG [complement(154652..0)], trnK-UUU [complement(1677..4207)], rps16 [complement(5079..5913)], trnG-UCC [9064..9750], atpF [complement(12111..12809)], rpoC1 [complement(22157..22926)], ycf3 [complement(43334..44093)], ycf3 [complement(44322..45104)], trnL-UAA [48321..48824], trnV-UAC [complement(52626..53218)], clpP [complement(70548..71181)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[139995..140226], rps12 [140765..140790], clpP [complement(70320..70547)], clpP [complement(71182..71473)], clpP [complement(72300..72370)], petB [75359..75364], petB [76009..76650], petD [76861..76868], petD [77603..78077], rpl16 [complement(81598..81996)], rpl16 [complement(82964..82972)], ndhB [complement(95180..95935)], ndhB [complement(96621..97397)], trnI-GAU [102405..102441], trnI-GAU [103388..103422], trnA-UGC [103487..103524], trnA-UGC [104335..104369], ndhA [complement(120322..120860)], ndhA [complement(121962..122514)], trnA-UGC [complement(134663..134697)], trnA-UGC [complement(135508..135545)], trnI-GAU [complement(135610..135644)], trnI-GAU [complement(136591..136627)], ndhB [141635..142411], ndhB [143097..143852]	[complement(71474..72299)], petB [75365..76008], petD [76869..77602], rpl16 [complement(81997..82963)], ndhB [complement(95936..96620)], trnI-GAU [102442..103387], trnA-UGC [103525..104334], ndhA [complement(120861..121961)], trnA-UGC [complement(134698..135507)], trnI-GAU [complement(135645..136590)], ndhB [142412..143096]
2382.	MYS A	25	trnV [complement(52466..52510)], rps12 [142709..142735], trnA-UGC [complement(136882..136918)]	trnK-UUU [complement(1809..4349)], rps16 [complement(5272..6121)], atpF [complement(13098..13785)], rpoC1 [complement(23156..23894)], ycf3 [complement(43929..44657)], ycf3 [complement(44886..45604)], trnL-UAA [48780..49276], trnV [complement(52511..53082)], clpP [complement(71482..72165)], clpP [complement(72457..73311)], petB [76347..77111], petD [77953..78773], rpl16 [complement(83167..84160)], rpl2 [complement(86430..87081)], ndhB [complement(97116..97799)], trnI [104211..105153], trnA-UGC [105295..106101], ndhA [complement(122044..123124)], trnA-UGC [complement(136075..136881)], trnI [complement(137023..137965)], ndhB [144377..145060], rpl2 [155095..155746]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2383.	MYSP	67	rps12 [complement(101724..101750)], rps12 [complement(102288..102518)], rps12 [complement(73431..73544)], trnK-UUU [complement(1836..1870)], trnK-UUU [complement(4416..4452)], rps16 [complement(5357..5589)], rps16 [complement(6484..6523)], trnG-GCC [10232..10255], trnG-GCC [10968..11015], atpF [complement(13052..13462)], atpF [complement(14197..14340)], rpoC1 [complement(22339..23981)], rpoC1 [complement(24706..25135)], ycf3 [complement(45332..45483)], ycf3 [complement(46265..46493)], ycf3 [complement(47226..47351)], trnL-UAA [50141..50177], trnL-UAA [50686..50735], trnV-UAC [complement(54869..54905)], trnV-UAC [complement(55476..55513)], clpP [complement(73699..73926)], clpP [complement(74565..74856)], clpP [complement(75669..75739)], petB [78624..78629], petB [79434..80075], petD [80268..80275], petD [80973..81474], rpl16 [complement(84997..85392)], rpl16 [complement(86569..86577)], rpl2 [complement(88490..88923)], rpl2 [complement(89592..89982)], ndhB [complement(98668..99423)], ndhB [complement(100102..100878)], trnI-GAU [106484..106525], trnI-GAU [107458..107492], trnA-UGC [107557..107594], trnA-UGC [108380..108421], ndhA [complement(124639..125172)], ndhA [complement(126316..126864)], trnA-UGC [complement(138860..138901)], trnA-UGC [complement(139687..139724)], trnI-GAU [complement(139789..139823)], trnI-GAU [complement(140756..140797)], ndhB [146403..147179], ndhB [147858..148613]	trnK-UUU [complement(1871..4415)], rps16 [complement(5590..6483)], trnG-GCC [10256..10967], atpF [complement(13463..14196)], rpoC1 [complement(23982..24705)], ycf3 [complement(45484..46264)], ycf3 [complement(46494..47225)], trnL-UAA [50178..50685], trnV-UAC [complement(54906..55475)], clpP [complement(73927..74564)], clpP [complement(74857..75668)], petB [78630..79433], petD [80276..80972], rpl16 [complement(85393..86568)], rpl2 [complement(88924..89591)], ndhB [complement(99424..100101)], trnI-GAU [106526..107457], trnA-UGC [107595..108379], ndhA [complement(125173..126315)], trnA-UGC [complement(138902..139686)], trnI-GAU [complement(139824..140755)], ndhB [147180..147857]
2384.	MYST	25	rps12 [complement(71851..71964)], trnV [complement(53272..53306)], rps12 [143311..143337]	trnK-UUU [complement(1817..4384)], rps16 [complement(5329..6201)], atpF [complement(13192..13868)], rpoC1 [complement(23263..24001)], ycf3 [complement(44074..44802)], ycf3 [complement(45031..45747)], trnL-UAA [48900..49396], trnV [complement(53307..53888)], clpP [complement(72330..73035)], clpP [complement(73327..74180)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[77233..78008], petD [78850..79656], rpl16 [complement(84049..85061)], rpl2 [complement(87325..87976)], ndhB [complement(98078..98761)], trnI [104966..105908], trnA-UGC [106050..106856], ndhA [complement(122846..123942)], trnA-UGC [complement(136884..137690)], trnI [complement(137832..138774)], ndhB [144979..145662], rpl2 [155764..156415]
2385.	NAD O	24	rps12 [142763..142788]	trnK-UUU [complement(1794..4281)], rps16 [complement(5443..6308)], trnG-UCC [9011..9714], atpF [complement(12124..12835)], rpoC1 [complement(22111..22848)], ycf3 [complement(43416..44164)], ycf3 [complement(44395..45106)], trnL-UAA [48221..48688], trnV-UAC [complement(53305..53899)], clpP [complement(71605..72264)], clpP [complement(72556..73253)], petB [76214..77001], petD [77845..78560], rpl16 [complement(82897..83877)], rpl2 [complement(86039..86698)], ndhB [complement(96976..97675)], trnI-GAU [103900..104846], trnA-UGC [104984..105783], ndhA [complement(122300..123353)], trnA-UGC [complement(136290..137089)], trnI-GAU [complement(137227..138173)], ndhB [144398..145097], rpl2 [155375..156034]
2386.	NAFL	35	rps12 [complement(73661..73774)], trnK-UUU [complement(1643..1684)],	trnK-UUU [complement(1685..4215)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4216..4252)], trnG-UCC [11244..11267], trnG-UCC [12007..12054], atpF [complement(14073..14488)], atpF [complement(15363..15510)], tRNA-Leu (AAA) [50890..50926], tRNA-Leu (AAA) [51506..51555], trnV-UAC [complement(53672..53708)], trnV-UAC [complement(54319..54357)], rps12 [142551..142582], petD [80919..80926], petD [81585..82131], trnI-GAU [107050..107086], trnI-GAU [108026..108060], trnA-UGC [108125..108162], trnA-UGC [108963..108997], trnA-UGC [complement(136066..136100)], trnA-UGC [complement(136901..136938)], tRNA-Ile (GUA) [complement(137003..137037)], tRNA-Ile (GUA) [complement(137977..138013)], rpl2 [154809..155195], rpl2 [155852..156280]	UCC [11268..12006], atpF [complement(14489..15362)], tRNA-Leu (AAA) [50927..51505], trnV-UAC [complement(53709..54318)], petD [80927..81584], trnI-GAU [107087..108025], trnA-UGC [108163..108962], trnA-UGC [complement(136101..136900)], tRNA-Ile (GUA) [complement(137038..137976)], rpl2 [155196..155851]
2387.	NAH Y	64	rps12 [complement(90486..90514)], rps12 [complement(91055..91286)], rps12 [complement(68426..68539)], trnK-UUU [complement(1382..1416)], trnK-UUU [complement(3903..3939)], rps16 [complement(4497..4714)], rps16 [complement(5538..5577)], trnG-UCC [complement(12850..12897)], trnG-UCC [complement(13572..13594)], atpF [33488..33632], atpF [34461..34867], ycf3 [complement(42639..42799)], ycf3 [complement(43505..43730)], ycf3 [complement(44492..44617)], trnL-UAA [47370..47404], trnL-UAA [47929..47978], trnV-UAC [complement(51531..51567)], trnV-UAC [complement(52165..52203)], rps12 [128069..128300], rps12 [128841..128869], petB [72275..72280], petB [73118..73759], petD [73947..73954], petD [74706..75180], rpl16 [complement(78794..79195)], rpl16 [complement(80231..80239)], rpl2 [complement(82235..82665)], rpl2 [complement(83329..83719)], ndhB [complement(87413..88168)], ndhB [complement(88881..89657)], trnI-GAU [95121..95157], trnI-GAU [95964..95998], trnA-UGC [96064..96101], trnA-UGC [96913..96947], ndhA [complement(112969..113507)], ndhA [complement(114528..115077)], trnA-UGC [complement(122408..122442)], trnA-UGC [complement(123254..123291)], trnI-GAU [complement(123357..123391)], trnI-GAU [complement(124198..124234)], ndhB [129698..130474], ndhB [131187..131942], rpl2 [135636..136026], rpl2 [136690..137120]	trnK-UUU [complement(1417..3902)], rps16 [complement(4715..5537)], trnG-UCC [complement(12898..13571)], atpF [33633..34460], ycf3 [complement(42800..43504)], ycf3 [complement(43731..44491)], trnL-UAA [47405..47928], trnV-UAC [complement(51568..52164)], petB [72281..73117], petD [73955..74705], rpl16 [complement(79196..80230)], rpl2 [complement(82666..83328)], ndhB [complement(88169..88880)], trnI-GAU [95158..95963], trnA-UGC [96102..96912], ndhA [complement(113508..114527)], trnA-UGC [complement(122443..123253)], trnI-GAU [complement(123392..124197)], ndhB [130475..131186], rpl2 [136027..136689]
2388.	NAN	47	trnK [complement(1559..1593)], trnK [complement(4022..4058)], trnG	trnK [complement(1594..4021)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	A		[10257..10279], trnG [11086..11133], atpF [complement(13117..13535)], atpF [complement(14269..14413)], ycf3 [complement(42375..42532)], ycf3 [complement(43255..43480)], ycf3 [complement(44175..44300)], trnL [46808..46842], trnL [47282..47332], trnV [complement(50766..50802)], trnV [complement(51334..51371)], rps12 [complement(69363..69476)], rps12 [117590..117821], rps12 [118382..118413], rpl2 [70126..70525], rpl2 [71229..71659], rpl16 [73263..73271], rpl16 [74183..74593], petD [complement(78075..78564)], petD [complement(79190..79197)], petB [complement(79430..80072)], petB [complement(80834..80838)], ndhA [95192..95749], ndhA [96505..97053], trnA [complement(111070..111104)], trnA [complement(111896..111933)], trnI [complement(112005..112039)], trnI [complement(112912..112948)], ndhB [119597..120319], ndhB [121014..121769]	[10280..11085], atpF [complement(13536..14268)], ycf3 [complement(42533..43254)], ycf3 [complement(43481..44174)], trnL [46843..47281], trnV [complement(50803..51333)], rpl2 [70526..71228], rpl16 [73272..74182], petD [complement(78565..79189)], petB [complement(80073..80833)], ndhA [95750..96504], trnA [complement(111105..111895)], trnI [complement(112040..112911)], ndhB [120320..121013]
2389.	NAOF	72	rps12 [complement(98092..98117)], rps12 [complement(98655..98886)], rps12 [complement(69619..69732)], trnK [complement(1707..1741)], trnK [complement(4302..4338)], rps16 [complement(5077..5291)], rps16 [complement(6180..6219)], trnG [8680..8702], trnG [9419..9467], atpF [complement(11620..12029)], atpF [complement(12744..12888)], rpoC1 [complement(20363..21973)], rpoC1 [complement(22766..23197)], ycf3 [complement(42225..42377)], ycf3 [complement(43178..43405)], ycf3 [complement(44127..44252)], trnL [46628..46662], trnL [47173..47222], trnV [complement(51117..51151)], trnV [complement(51756..51793)], rps12 [140495..140726], rps12 [141264..141289], clpP [complement(69921..70148)], clpP [complement(70727..71018)], clpP [complement(71908..71978)], petB [74924..74929], petB [75728..76369], petD [76567..76574], petD [77283..77757], rpl16 [complement(81240..81638)], rpl16 [complement(82733..82741)], rpl2 [complement(84443..84877)], rpl2 [complement(85560..85949)], ndhB [complement(95034..95795)], ndhB [complement(96481..97203)], trnI [102911..102947], trnI [103896..103930], trnA [103995..104032], trnA [104833..104867], ndhA [complement(120197..120726)], ndhA [complement(121804..122356)], trnA [complement(134514..134548)], trnA [complement(135349..135386)], trnI	trnK [complement(1742..4301)], rps16 [complement(5292..6179)], trnG [8703..9418], atpF [complement(12030..12743)], rpoC1 [complement(21974..22765)], ycf3 [complement(42378..43177)], ycf3 [complement(43406..44126)], trnL [46663..47172], trnV [complement(51152..51755)], clpP [complement(70149..70726)], clpP [complement(71019..71907)], petB [74930..75727], petD [76575..77282], rpl16 [complement(81639..82732)], rpl2 [complement(84878..85559)], ndhB [complement(95796..96480)], trnI [102948..103895], trnA [104033..104832], ndhA [complement(120727..121803)], trnA [complement(134549..135348)], trnI [complement(135486..136433)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(135451..135485)], trnI [complement(136434..136470)], ndhB [142178..142900], ndhB [143586..144347], rpl2 [153432..153821], rpl2 [154504..154938]	[142901..143585], rpl2 [153822..154503]
2390.	NAPI	47	rps12 [complement(97149..97174)], rps12 [complement(97716..97947)], rps12 [complement(69276..69389)], trnK-UUU [2986..3022], trnK-UUU [5575..5609], trnL-UAA [9313..9347], trnL-UAA [9840..9889], trnV-UAC [complement(51294..51328)], trnV-UAC [complement(51913..51950)], rps12 [140879..141110], rps12 [141652..141677], rpl2 [complement(83878..84311)], rpl2 [complement(84963..85365)], trnI-GAU [101869..101905], trnI-GAU [102853..102887], trnA-UGC [102952..102989], trnA-UGC [103803..103837], trnA-UGC [complement(134989..135023)], trnA-UGC [complement(135837..135874)], trnI-GAU [complement(135939..135973)], trnI-GAU [complement(136921..136957)], rpl2 [153461..153863], rpl2 [154515..154948]	rps16 [1226..2115], trnK-UUU [3023..5574], trnL-UAA [9348..9839], trnG-UCC [12692..13408], atpF [complement(15794..16542)], rpoC1 [complement(26309..27076)], ycf3 [complement(47368..48108)], ycf3 [complement(48339..49064)], trnV-UAC [complement(51329..51912)], clpP [complement(69791..70485)], clpP [complement(70775..71574)], petB [74556..75341], petD [76195..76925], rpl16 [complement(81149..82125)], rpl2 [complement(84312..84962)], ndhB [complement(94826..95527)], trnI-GAU [101906..102852], trnA-UGC [102990..103802], ndhA [complement(120982..121987)], trnA-UGC [complement(135024..135836)], trnI-GAU [complement(135974..136920)], ndhB [143299..144000], rpl2 [153864..154514], rpl16 [156701..157677]
2391.	NAPO	73	rps12 [complement(100826..100851)], rps12 [complement(101396..101627)], rps12 [complement(72268..72381)], trnK-UUU [complement(1382..1421)], trnK-UUU [complement(4001..4037)], rps16 [complement(4624..4832)], rps16 [complement(5707..5746)], trnG-GCC [9812..9834], trnG-GCC [10542..10578], atpF [complement(12504..12913)], atpF [complement(13870..14014)], rpoC1 [complement(21456..23072)], rpoC1 [complement(23830..24261)], ycf3 [complement(44099..44251)], ycf3 [complement(45009..45238)], ycf3 [complement(45968..46091)], trnL-UAA	trnK-UUU [complement(1422..4000)], rps16 [complement(4833..5706)], trnG-GCC [9835..10541], atpF [complement(12914..13869)], rpoC1 [complement(23073..23829)], ycf3 [complement(44252..45008)], ycf3 [complement(45239..45967)], trnL-UAA [49147..49663], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[49112..49146], trnL-UAA [49664..49713], trnV-UAC [complement(54059..54095)], trnV-UAC [complement(54680..54718)], rps12 [complement(72268..72381)], rps12 [144918..145149], rps12 [145694..145719], clpP [complement(72513..72764)], clpP [complement(73420..73710)], clpP [complement(74492..74560)], petB [77452..77457], petB [78239..78880], petD [79094..79101], petD [79840..80353], rpl16 [complement(83790..84188)], rpl16 [complement(85182..85190)], rpl2 [complement(87033..87463)], rpl2 [complement(88133..88523)], ndhB [complement(97745..98500)], ndhB [complement(99200..99976)], trnI-GAU [105523..105564], trnI-GAU [106500..106534], trnA-UGC [106602..106639], trnA-UGC [107455..107489], ndhA [complement(124711..125249)], ndhA [complement(126370..126922)], trnA-UGC [complement(139056..139090)], trnA-UGC [complement(139906..139943)], trnI-GAU [complement(140011..140045)], trnI-GAU [complement(140981..141022)], ndhB [146569..147345], ndhB [148045..148800], rpl2 [158022..158412], rpl2 [159082..159512]</p>	<p>[complement(54096..54679)], clpP [complement(72765..73419)], clpP [complement(73711..74491)], petB [77458..78238], petD [79102..79839], rpl16 [complement(84189..85181)], rpl2 [complement(87464..88132)], ndhB [complement(98501..99199)], trnI-GAU [105565..106499], trnA-UGC [106640..107454], ndhA [complement(125250..126369)], trnA-UGC [complement(139091..139905)], trnI-GAU [complement(140046..140980)], ndhB [147346..148044], rpl2 [158413..159081]</p>
2392.	NAST	61	<p>rps12 [complement(88520..88548)], rps12 [complement(89089..89320)], rps12 [complement(66589..66702)], trnK-UUU [complement(1384..1416)], trnK-UUU [complement(3926..3963)], rps16 [complement(4533..4748)], rps16 [complement(5581..5619)], atpF [32726..32884], atpF [33708..34115], ycf3 [complement(41830..41988)], ycf3 [complement(42702..42929)], ycf3 [complement(43665..43796)], trnL [46523..46557], trnL [47104..47153], trnV-UAC [complement(50695..50731)], trnV-UAC [complement(51335..51373)], rps12 [125964..126195], rps12 [126736..126764], petB [70402..70407], petB [71225..71866], petD [72052..72060], petD [72812..73285], rpl16 [complement(76890..77291)], rpl16 [complement(78382..78390)], rpl2 [complement(80327..80758)], rpl2 [complement(81421..81810)], ndhB [complement(85446..86201)], ndhB [complement(86915..87637)], trnI [93166..93207], trnI [94155..94189], trnA-UGC [94259..94296], trnA-UGC [95108..95142], ndhA [complement(110815..111354)], ndhA [complement(112374..112922)], trnA-UGC [complement(120142..120176)], trnA-UGC [complement(120988..121024)], trnI</p>	<p>trnK-UUU [complement(1417..3925)], rps16 [complement(4749..5580)], atpF [32885..33707], ycf3 [complement(41989..42701)], ycf3 [complement(42930..43664)], trnL [46558..47103], trnV-UAC [complement(50732..51334)], petB [70408..71224], petD [72061..72811], rpl16 [complement(77292..78381)], rpl2 [complement(80759..81420)], ndhB [complement(86202..86914)], trnI [93208..94154], trnA-UGC [94297..95107], ndhA [complement(111355..112373)], trnA-UGC [complement(120177..120987)], trnI [complement(121130..122076)], ndhB [128370..129082], rpl2 [133864..134525]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(121095..121129)], trnI [complement(122077..122118)], ndhB [127647..128369], ndhB [129083..129838], rpl2 [133474..133863], rpl2 [134526..134957]	
2393.	NATR	73	rps12 [complement(100403..100428)], rps12 [complement(100965..101196)], rps12 [complement(72363..72476)], trnK-UUU [complement(1667..1701)], trnK-UUU [complement(4198..4234)], rps16 [complement(5091..5315)], rps16 [complement(6206..6244)], trnG-UCC [9839..9861], trnG-UCC [10542..10589], atpF [complement(12507..12914)], atpF [complement(13621..13779)], rpoC1 [complement(21854..23473)], rpoC1 [complement(24257..24691)], ycf3 [complement(44724..44876)], ycf3 [complement(45625..45852)], ycf3 [complement(46559..46684)], trnL-UAA [49414..49448], trnL-UAA [49969..50018], trnV-UAC [complement(53938..53974)], trnV-UAC [complement(54556..54594)], rps12 [complement(72363..72476)], rps12 [143304..143535], rps12 [144072..144097], clpP [complement(72617..72844)], clpP [complement(73502..73792)], clpP [complement(74601..74669)], petB [77551..77556], petB [78335..78976], petD [79170..79177], petD [79932..80406], rpl16 [complement(83872..84273)], rpl16 [complement(85302..85310)], rpl2 [complement(87007..87441)], rpl2 [complement(88104..88496)], ndhB [complement(97355..98110)], ndhB [complement(98790..99566)], trnI-GAU [105122..105163], trnI-GAU [106105..106139], trnA-UGC [106204..106241], trnA-UGC [107054..107088], ndhA [complement(122758..123297)], ndhA [complement(124408..124959)], trnA-UGC [complement(137412..137446)], trnA-UGC [complement(138259..138296)], trnI-GAU [complement(138361..138395)], trnI-GAU [complement(139337..139378)], ndhB [144934..145710], ndhB [146390..147145], rpl2 [156004..156393], rpl2 [157059..157493]	trnK-UUU [complement(1702..4197)], rps16 [complement(5316..6205)], trnG-UCC [9862..10541], atpF [complement(12915..13620)], rpoC1 [complement(23474..24256)], ycf3 [complement(44877..45624)], ycf3 [complement(45853..46558)], trnL-UAA [49449..49968], trnV-UAC [complement(53975..54555)], clpP [complement(72845..73501)], clpP [complement(73793..74600)], petB [77557..78334], petD [79178..79931], rpl16 [complement(84274..85301)], rpl2 [complement(87442..88103)], ndhB [complement(98111..98789)], trnI-GAU [105164..106104], trnA-UGC [106242..107053], ndhA [complement(123298..124407)], trnA-UGC [complement(137447..138258)], trnI-GAU [complement(138396..139336)], ndhB [145711..146389], rpl2 [156394..157058]
2394.	NAUR	73	rps12 [complement(100622..100647)], rps12 [complement(101184..101415)], rps12 [complement(72563..72676)], trnK-UUU [complement(1677..1711)], trnK-UUU [complement(4223..4259)], rps16 [complement(5093..5317)], rps16 [complement(6211..6249)], trnG-UCC [9927..9949], trnG-UCC [10631..10678], atpF [complement(12593..13000)], atpF	trnK-UUU [complement(1712..4222)], rps16 [complement(5318..6210)], trnG-UCC [9950..10630], atpF [complement(13001..13718)], rpoC1 [complement(23334..24105)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13719..13877)], rpoC1 [complement(21714..23333)], rpoC1 [complement(24106..24540)], ycf3 [complement(44301..44453)], ycf3 [complement(45196..45423)], ycf3 [complement(46128..46253)], trnL-UAA [49530..49564], trnL-UAA [50084..50133], trnV-UAC [complement(54021..54057)], trnV-UAC [complement(54639..54677)], rps12 [complement(72563..72676)], rps12 [143836..144067], rps12 [144604..144629], clpP [complement(72820..73047)], clpP [complement(73710..74000)], clpP [complement(74802..74870)], petB [77731..77736], petB [78505..79146], petD [79340..79347], petD [80099..80573], rpl16 [complement(84072..84473)], rpl16 [complement(85509..85517)], rpl2 [complement(87218..87652)], rpl2 [complement(88315..88707)], ndhB [complement(97574..98329)], ndhB [complement(99009..99785)], trnI-GAU [105347..105388], trnI-GAU [106329..106363], trnA-UGC [106428..106465], trnA-UGC [107278..107312], ndhA [complement(123395..123934)], ndhA [complement(125119..125670)], trnA-UGC [complement(137939..137973)], trnA-UGC [complement(138786..138823)], trnI-GAU [complement(138888..138922)], trnI-GAU [complement(139863..139904)], ndhB [145466..146242], ndhB [146922..147677], rpl2 [156544..156933], rpl2 [157599..158033]	[complement(44454..45195)], ycf3 [complement(45424..46127)], trnL-UAA [49565..50083], trnV-UAC [complement(54058..54638)], clpP [complement(73048..73709)], clpP [complement(74001..74801)], petB [77737..78504], petD [79348..80098], rpl16 [complement(84474..85508)], rpl2 [complement(87653..88314)], ndhB [complement(98330..99008)], trnI-GAU [105389..106328], trnA-UGC [106466..107277], ndhA [complement(123935..125118)], trnA-UGC [complement(137974..138785)], trnI-GAU [complement(138923..139862)], ndhB [146243..146921], rpl2 [156934..157598]
2395.	NAZE	75	rps12 [complement(97214..97239)], rps12 [complement(97780..98011)], rps12 [complement(69325..69438)], rps16 [1188..1227], rps16 [2112..2332], trnK-UUU [2979..3015], trnK-UUU [5574..5608], trnL-UAA [9357..9391], trnL-UAA [9885..9934], trnG-UCC [12721..12743], trnG-UCC [13458..13505], atpF [complement(15444..15853)], atpF [complement(16603..16747)], rpoC1 [complement(24752..26364)], rpoC1 [complement(27122..27551)], ycf3 [complement(47238..47390)], ycf3 [complement(48132..48361)], ycf3 [complement(49088..49211)], trnV-UAC [complement(51318..51352)], trnV-UAC [complement(51937..51974)], rps12 [140934..141165], rps12 [141706..141731], clpP [complement(69595..69840)], clpP [complement(70536..70824)], clpP [complement(71625..71695)], petB [74601..74606], petB [75393..76034], petD [76238..76245], petD [76982..77477], rpl16 [complement(80815..81213)], rpl16	rps16 [1228..2111], trnK-UUU [3016..5573], trnL-UAA [9392..9884], trnG- UCC [12744..13457], atpF [complement(15854..16602)], rpoC1 [complement(26365..27121)], ycf3 [complement(47391..48131)], ycf3 [complement(48362..49087)], trnV-UAC [complement(51353..51936)], clpP [complement(69841..70535)], clpP [complement(70825..71624)], petB [74607..75392], petD [76246..76981], rpl16 [complement(81214..82190)], rpl2 [complement(84377..85027)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82191..82199)], rpl2 [complement(83943..84376)], rpl2 [complement(85028..85412)], ndhB [complement(94135..94890)], ndhB [complement(95593..96369)], trnI-GAU [101933..101969], trnI-GAU [102917..102951], trnA-UGC [103016..103053], trnA-UGC [103867..103901], ndhA [complement(120481..121019)], ndhA [complement(122026..122578)], trnA-UGC [complement(135044..135078)], trnA-UGC [complement(135892..135929)], trnI-GAU [complement(135994..136028)], trnI-GAU [complement(136976..137012)], ndhB [142576..143352], ndhB [144055..144810], rpl2 [153533..153917], rpl2 [154569..155002], rpl16 [156746..156754], rpl16 [157732..158130]	[complement(94891..95592)], trnI-GAU [101970..102916], trnA-UGC [103054..103866], ndhA [complement(121020..122025)], trnA-UGC [complement(135079..135891)], trnI-GAU [complement(136029..136975)], ndhB [143353..144054], rpl2 [153918..154568], rpl16 [156755..157731]
2396.	NEAC	46	rps12 [complement(52353..52378)], rps12 [complement(52920..53151)], rps12 [complement(30309..30422)], rps2 [83184..83190], rps2 [1..704], trnG-GCC [complement(3518..3554)], trnG-GCC [complement(4248..4270)], rps16 [6708..6747], rps16 [7651..7898], trnK-UUU [8344..8380], trnK-UUU [11090..11115], trnL-UAA [20117..20151], trnL-UAA [20664..20713], trnV-UAC [complement(22014..22050)], trnV-UAC [complement(22634..22672)], rps12 [81185..81416], rps12 [81958..81983], clpP [complement(30555..30809)], clpP [complement(31463..31754)], clpP [complement(32690..32760)], rpl16 [complement(37728..38126)], rpl16 [complement(39225..39233)], rpl2 [complement(41235..41666)], rpl2 [complement(42329..42715)], trnI-GAU [56800..56841], trnI-GAU [57784..57818], trnA-UGC [57884..57921], trnA-UGC [58710..58744], trnA-UGC [complement(75592..75626)], trnA-UGC [complement(76415..76452)], trnI-GAU [complement(76518..76552)], trnI-GAU [complement(77495..77536)]	rps2 [83191..0], trnG-GCC [complement(3555..4247)], rps16 [6748..7650], trnK-UUU [8381..11089], trnL-UAA [20152..20663], trnV-UAC [complement(22051..22633)], clpP [complement(30810..31462)], clpP [complement(31755..32689)], rpl16 [complement(38127..39224)], rpl2 [complement(41667..42328)], trnI-GAU [56842..57783], trnA-UGC [57922..58709], trnA-UGC [complement(75627..76414)], trnI-GAU [complement(76553..77494)]
2397.	NEAP	69	rps12 [complement(99237..99271)], rps12 [complement(99808..100039)], rps12 [complement(71650..71763)], trnK [1841..1875], trnK [4371..4407], rps16 [complement(5314..5540)], rps16 [complement(6417..6456)], trnG-GCC [9757..9779], trnG-GCC [10457..10504], atpF [complement(12442..12852)], atpF [complement(13548..13691)], rpoC1 [complement(21580..23199)], rpoC1 [complement(23960..24412)], ycf3 [complement(43934..44086)], ycf3 [complement(44831..45060)], ycf3 [complement(45767..45890)], trnL-UAA	trnK [1876..4370], rps16 [complement(5541..6416)], trnG-GCC [9780..10456], atpF [complement(12853..13547)], rpoC1 [complement(23200..23959)], ycf3 [complement(44087..44830)], ycf3 [complement(45061..45766)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48759..48793], trnL-UAA [49268..49317], rps12 [140709..140940], rps12 [141477..141511], clpP [complement(71897..72124)], clpP [complement(72765..73056)], clpP [complement(73867..73937)], petB [76854..76859], petB [77575..78216], petD [78399..78406], petD [79139..79613], rpl16 [complement(83025..83423)], rpl16 [complement(84281..84289)], rpl2 [complement(85961..86394)], rpl2 [complement(87066..87456)], ndhB [complement(96234..96989)], ndhB [complement(97669..98445)], trnI-GAU [103725..103761], trnI-GAU [104709..104743], trnA-UGC [104808..104845], trnA-UGC [105657..105691], ndhA [complement(120459..120988)], ndhA [complement(122087..122642)], trnA-UGC [complement(135057..135091)], trnA-UGC [complement(135903..135940)], trnI-GAU [complement(136005..136039)], trnI-GAU [complement(136987..137023)], ndhB [142303..143079], ndhB [143759..144514], rpl2 [153292..153682], rpl2 [154354..154787]	[48794..49267], clpP [complement(72125..72764)], clpP [complement(73057..73866)], petB [76860..77574], petD [78407..79138], rpl16 [complement(83424..84280)], rpl2 [complement(86395..87065)], ndhB [complement(96990..97668)], trnI-GAU [103762..104708], trnA-UGC [104846..105656], ndhA [complement(120989..122086)], trnA-UGC [complement(135092..135902)], trnI-GAU [complement(136040..136986)], ndhB [143080..143758], rpl2 [153683..154353]
2398.	NEAQ	49	rps12 [complement(98102..98127)], rps12 [complement(98668..98899)], rps12 [complement(70120..70233)], trnK [complement(1695..1729)], trnK [complement(4298..4334)], rps16 [complement(4799..5016)], rps16 [complement(5827..5866)], trnG [9025..9047], trnG [9838..9886], atpF [complement(12105..12514)], atpF [complement(13331..13475)], rpoC1 [complement(21233..22849)], rpoC1 [complement(23568..23999)], ycf3 [complement(43645..43797)], ycf3 [complement(44623..44850)], ycf3 [complement(45587..45712)], trnL [48227..48261], trnL [48767..48816], trnV [complement(52549..52583)], trnV [complement(53196..53234)], rps12 [140856..141087], rps12 [141628..141653], clpP [complement(70421..70648)], clpP [complement(71285..71576)], clpP [complement(72518..72588)], petB [75463..75468], petB [76216..76857], petD [77062..77069], petD [77882..78356], rpl16 [complement(81623..82021)], rpl16 [complement(83022..83030)], rpl2 [complement(84782..85216)], rpl2 [complement(85879..86268)], ndhB [complement(95041..95796)], ndhB [complement(96477..97256)], trnI [102869..102905], trnI [103752..103786], trnA [103856..103893], trnA [104695..104729], ndhA [complement(120595..121133)], ndhA [complement(122179..122731)], trnA	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(135026..135060)], trnA [complement(135862..135899)], trnI [complement(135969..136003)], trnI [complement(136850..136886)], ndhB [142499..143278], ndhB [143959..144714], rpl2 [153487..153876], rpl2 [154539..154973]	
2399.	NEAT	61	rps12 [complement(91731..91759)], rps12 [complement(92300..92531)], rps12 [complement(69673..69786)], trnK-UUU [complement(1366..1398)], trnK-UUU [complement(3929..3969)], rps16 [complement(4500..4717)], rps16 [complement(5564..5603)], trnG-UCC [complement(13150..13197)], trnG-UCC [complement(13871..13893)], atpF [34830..34973], atpF [35818..36225], ycf3 [complement(43989..44147)], ycf3 [complement(44875..45104)], ycf3 [complement(45844..45967)], trnL-UAA [48702..48736], trnL-UAA [49276..49325], trnV-UAC [complement(52884..52920)], trnV-UAC [complement(53517..53555)], rps12 [129770..130001], rps12 [130542..130570], petB [73525..73530], petB [74356..74997], petD [75186..75193], petD [75943..76417], rpl16 [complement(80010..80411)], rpl16 [complement(81501..81509)], rpl2 [complement(83492..83923)], rpl2 [complement(84587..84976)], ndhB [complement(88658..89413)], ndhB [complement(90126..90902)], trnI-GAU [96356..96397], trnI-GAU [97346..97380], trnA-UGC [97444..97481], trnA-UGC [98294..98328], ndhA [complement(114502..115041)], ndhA [complement(116059..116616)], trnA-UGC [complement(123974..124008)], trnA-UGC [complement(124820..124857)], ndhB [131399..132175], ndhB [132888..133643], rpl2 [137325..137714], rpl2 [138378..138809]	trnK-UUU [complement(1399..3928)], rps16 [complement(4718..5563)], trnG-UCC [complement(13198..13870)], atpF [34974..35817], ycf3 [complement(44148..44874)], ycf3 [complement(45105..45843)], trnL-UAA [48737..49275], trnV-UAC [complement(52921..53516)], petB [73531..74355], petD [75194..75942], rpl16 [complement(80412..81500)], rpl2 [complement(83924..84586)], ndhB [complement(89414..90125)], trnI-GAU [96398..97345], trnA-UGC [97482..98293], ndhA [complement(115042..116058)], trnA-UGC [complement(124009..124819)], ndhB [132176..132887], rpl2 [137715..138377]
2400.	NECA	43	rps12 [complement(63972..63997)], rps12 [complement(64539..64770)], rps12 [complement(39550..39663)], trnK-UUU [complement(62..87)], trnK-UUU [complement(2731..2767)], rps16 [complement(3464..3711)], rps16 [complement(4605..4644)], trnG-GCC [7376..7398], trnG-GCC [8094..8130], trnL-UAA [24753..24787], trnL-UAA [25184..25233], trnV-UAC [complement(26487..26523)], trnV-UAC [complement(27107..27145)], rps12 [94576..94807], rps12 [95349..95374], clpP [complement(39826..40050)], clpP [complement(40703..40994)], clpP [complement(42093..42163)], rpl16 [complement(48209..48607)], rpl16 [complement(49695..49703)], rpl2	trnK-UUU [complement(88..2730)], rps16 [complement(3712..4604)], trnG-GCC [7399..8093], trnL-UAA [24788..25183], trnV-UAC [complement(26524..27106)], clpP [complement(40051..40702)], clpP [complement(40995..42092)], rpl16 [complement(48608..49694)], rpl2 [complement(52124..52784)], trnI-GAU [68110..68930], trnA-UGC [69075..69880],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51692..52123)], rpl2 [complement(52785..53171)], trnI-GAU [68068..68109], trnI-GAU [68931..68965], trnA-UGC [69037..69074], trnA-UGC [69881..69915], trnA-UGC [complement(89431..89465)], trnA-UGC [complement(90272..90309)], trnI-GAU [complement(90381..90415)], trnI-GAU [complement(91237..91278)]	trnA-UGC [complement(89466..90271)], trnI-GAU [complement(90416..91236)]
2401.	NECD	43	rps12 [complement(71454..71567)], trnK-UUU [complement(1683..1717)], trnK-UUU [complement(4205..4241)], trnG-GCC [9591..9613], trnG-GCC [10293..10329], trnL-UAA [48459..48495], trnL-UAA [48983..49032], trnV-UAC [complement(52993..53029)], trnV-UAC [complement(53618..53655)], accD [58882..59557], accD [59630..60501], rps12 [141676..141701], trnI-GAU [103641..103682], trnI-GAU [104618..104652], trnA-UGC [104716..104753], trnA-UGC [105562..105596], trnA-UGC [complement(135284..135318)], trnA-UGC [complement(136127..136164)], trnI-GAU [complement(136228..136262)], trnI-GAU [complement(137198..137239)]	trnK-UUU [complement(1718..4204)], rps16 [complement(5296..6114)], trnG-GCC [9614..10292], atpF [complement(12699..13390)], rpoC1 [complement(23037..23781)], ycf3 [complement(44063..44807)], ycf3 [complement(45038..45746)], trnL-UAA [48496..48982], trnV-UAC [complement(53030..53617)], accD [59558..59629], clpP [complement(71930..72584)], clpP [complement(72876..73686)], petB [76699..77478], rpl16 [complement(83346..84322)], rpl2 [complement(86444..87063)], ndhB [complement(96909..97499)], trnI-GAU [103683..104617], trnA-UGC [104754..105561], ndhA [complement(121303..122379)], trnA-UGC [complement(135319..136126)], trnI-GAU [complement(136263..137197)], ndhB [143378..143971], rpl2 [153814..154436]
2402.	NECN	49	trnK-UUU [complement(1737..1771)], trnK-UUU [complement(4270..4306)], rps16 [complement(5224..5450)], rps16 [complement(6307..6346)], trnG-UCC [9508..9530], trnG-UCC [10225..10272], atpF [complement(12250..12660)], atpF [complement(13355..13498)], rpoC1 [complement(21357..22973)], rpoC1 [complement(23768..24199)], ycf3 [complement(42546..42698)], ycf3	trnK-UUU [complement(1772..4269)], trnG-UCC [9531..10224]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(43423..43652)], ycf3 [complement(44370..44493)], trnL-UAA [47495..47531], trnL-UAA [48023..48072], trnV-UAC [complement(51974..52010)], trnV-UAC [complement(52585..52622)], rps12 [complement(70767..70880)], rps12 [105268..105499], rps12 [106036..106070], clpP [complement(71031..71330)], clpP [complement(71979..72264)], clpP [complement(73005..73066)], petB [75988..75993], petB [76713..77354], petD [77560..77568], petD [78303..78776], rpl16 [complement(82269..82667)], rpl16 [complement(83561..83569)], rpl2 [complement(85223..85657)], rpl2 [complement(86350..86739)], trnI-GAU [97201..97242], trnI-GAU [98179..98213], trnA-UGC [98278..98315], trnA-UGC [99127..99161], ndhB [106860..107636], ndhB [108306..109061], ndhA [complement(124677..125216)], ndhA [complement(126309..126860)], ndhB [complement(134541..135296)], ndhB [complement(135966..136742)], trnA-UGC [complement(144441..144475)], trnA-UGC [complement(145287..145324)], trnI-GAU [complement(145389..145423)], trnI-GAU [complement(146360..146401)], rpl2 [156863..157252], rpl2 [157945..158379]</p>	
2403.	NECO	63	<p>rps12 [complement(96169..96194)], rps12 [complement(96736..96967)], rps12 [complement(67466..67579)], trnK-UUU [complement(1367..1392)], trnK-UUU [complement(4131..4167)], rps16 [complement(4722..4969)], rps16 [complement(5837..5876)], trnG-GCC [8516..8538], trnG-GCC [9226..9262], atpF [complement(11261..11671)], atpF [complement(12474..12617)], rpoC1 [complement(19742..21358)], rpoC1 [complement(22104..22538)], ycf3 [complement(41255..41407)], ycf3 [complement(42170..42397)], ycf3 [complement(43119..43244)], trnL-UAA [45912..45946], trnL-UAA [46432..46481], trnV-UAC [complement(48298..48334)], trnV-UAC [complement(48931..48969)], rps12 [132484..132715], rps12 [133257..133282], clpP [complement(67718..67972)], clpP [complement(68615..68906)], clpP [complement(69777..69847)], petB [73334..73339], petB [74059..74700], petD [74889..74896], petD [75743..76217], rpl16 [complement(79811..80209)], rpl16</p>	<p>trnK-UUU [complement(1393..4130)], rps16 [complement(4970..5836)], trnG-GCC [8539..9225], atpF [complement(11672..12473)], rpoC1 [complement(21359..22103)], ycf3 [complement(41408..42169)], ycf3 [complement(42398..43118)], trnL-UAA [45947..46431], trnV-UAC [complement(48335..48930)], clpP [complement(67973..68614)], clpP [complement(68907..69776)], petB [73340..74058], petD [74897..75742], rpl16 [complement(80210..81242)], rpl2 [complement(83734..84394)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(81243..81251)], rpl2 [complement(83302..83733)], rpl2 [complement(84395..84781)], trnI-GAU [100784..100825], trnI-GAU [101769..101803], trnA-UGC [101868..101905], trnA-UGC [102712..102746], trnA-UGC [complement(126705..126739)], trnA-UGC [complement(127546..127583)], trnI-GAU [complement(127648..127682)], trnI-GAU [complement(128626..128667)], rpl2 [144670..145056], rpl2 [145718..146149]	[100826..101768], trnA-UGC [101906..102711], trnA-UGC [complement(126740..127545)], trnI-GAU [complement(127683..128625)], rpl2 [145057..145717]
2404.	NECU	66	rps12 [complement(99280..99314)], rps12 [complement(99851..100082)], rps12 [complement(71683..71796)], rps16 [complement(5313..5539)], rps16 [complement(6416..6455)], trnG-GCC [9756..9778], trnG-GCC [10456..10503], atpF [complement(12441..12851)], atpF [complement(13547..13690)], rpoC1 [complement(21577..23196)], rpoC1 [complement(23956..24408)], ycf3 [complement(43942..44094)], ycf3 [complement(44839..45068)], ycf3 [complement(45775..45898)], trnL-UAA [48793..48827], trnL-UAA [49302..49351], rps12 [140767..140998], rps12 [141535..141569], clpP [complement(71930..72157)], clpP [complement(72798..73089)], clpP [complement(73900..73970)], petB [76887..76892], petB [77607..78248], petD [78431..78438], petD [79171..79645], rpl16 [complement(83059..83457)], rpl16 [complement(84324..84332)], rpl2 [complement(86004..86437)], rpl2 [complement(87109..87499)], ndhB [complement(96277..97032)], ndhB [complement(97712..98488)], trnI-GAU [103768..103804], trnI-GAU [104752..104786], trnA-UGC [104851..104888], trnA-UGC [105700..105734], ndhA [complement(120518..121047)], ndhA [complement(122145..122700)], trnA-UGC [complement(135115..135149)], trnA-UGC [complement(135961..135998)], trnI-GAU [complement(136063..136097)], trnI-GAU [complement(137045..137081)], ndhB [142361..143137], ndhB [143817..144572], rpl2 [153350..153740], rpl2 [154412..154845]	rps16 [complement(5540..6415)], trnG-GCC [9779..10455], atpF [complement(12852..13546)], rpoC1 [complement(23197..23955)], ycf3 [complement(44095..44838)], ycf3 [complement(45069..45774)], trnL-UAA [48828..49301], clpP [complement(72158..72797)], clpP [complement(73090..73899)], petB [76893..77606], petD [78439..79170], rpl16 [complement(83458..84323)], rpl2 [complement(86438..87108)], ndhB [complement(97033..97711)], trnI-GAU [103805..104751], trnA-UGC [104889..105699], ndhA [complement(121048..122144)], trnA-UGC [complement(135150..135960)], trnI-GAU [complement(136098..137044)], ndhB [143138..143816], rpl2 [153741..154411]
2405.	NEDE	65	trnK-UUU [complement(1325..1359)], trnK-UUU [complement(3865..3901)], rps16 [complement(4667..4884)], rps16 [complement(5716..5758)], trnG-UCC [complement(8086..8109)], trnG-UCC [complement(8883..8930)], atpF [complement(10837..11246)], atpF [complement(11985..12129)], rpoC1	trnK-UUU [complement(1360..3864)], rps16 [complement(4885..5715)], trnG-UCC [complement(8110..8882)], atpF [complement(11247..11984)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(19952..21571)], rpoC1 [complement(22290..22721)], ycf3 [complement(42353..42505)], ycf3 [complement(43240..43467)], ycf3 [complement(44190..44315)], trnL-UAA [47034..47068], trnL-UAA [47503..47552], trnV-UAC [complement(52032..52066)], trnV-UAC [complement(52656..52694)], rps12 [142469..142494], clpP [complement(71245..71490)], clpP [complement(72136..72428)], clpP [complement(73223..73292)], petB [76174..76179], petB [76960..77601], petD [77794..77801], petD [78505..78979], rpl16 [complement(82418..82813)], rpl16 [complement(83788..83796)], rpl2 [complement(85511..85941)], rpl2 [complement(86605..87022)], ndhB [complement(96154..96909)], ndhB [complement(97615..98337)], trnI-GAU [103918..103954], trnI-GAU [104902..104936], trnA-UGC [105001..105038], trnA-UGC [105837..105871], ndhA [complement(121428..121966)], ndhA [complement(123067..123619)], trnA-UGC [complement(135868..135902)], trnA-UGC [complement(136701..136738)], trnI-GAU [complement(136803..136837)], trnI-GAU [complement(137785..137821)], ndhB [143402..144124], ndhB [144830..145585]	[complement(21572..22289)], ycf3 [complement(42506..43239)], ycf3 [complement(43468..44189)], trnL-UAA [47069..47502], trnV-UAC [complement(52067..52655)], clpP [complement(71491..72135)], clpP [complement(72429..73222)], petB [76180..76959], petD [77802..78504], rpl16 [complement(82814..83787)], rpl2 [complement(85942..86604)], ndhB [complement(96910..97614)], trnI-GAU [103955..104901], trnA-UGC [105039..105836], ndhA [complement(121967..123066)], trnA-UGC [complement(135903..136700)], trnI-GAU [complement(136838..137784)], ndhB [144125..144829]
2406.	NEFA	63	rps12 [complement(97940..97969)], rps12 [complement(98518..98748)], rps12 [complement(68459..68572)], trnK-UUU [complement(1393..1427)], trnK-UUU [complement(4399..4435)], rps16 [complement(4898..5142)], rps16 [complement(6033..6072)], trnG-UCC [9597..9627], trnG-UCC [10302..10360], atpF [complement(12288..12697)], atpF [complement(13671..13815)], rpoC1 [complement(21192..22799)], rpoC1 [complement(23556..24008)], ycf3 [complement(43627..43779)], ycf3 [complement(44517..44746)], ycf3 [complement(45457..45580)], trnL-UAA [48197..48231], trnL-UAA [48957..49006], trnV-UAC [complement(50035..50071)], trnV-UAC [complement(50652..50690)], rps12 [131558..131788], rps12 [132337..132366], clpP [complement(68712..68963)], clpP [complement(69638..69929)], clpP [complement(70931..71001)], petB [74491..74496], petB [75237..75878], petD [76065..76073], petD [76924..77406], rpl16 [complement(81015..81413)], rpl16 [complement(82585..82593)], rpl2 [complement(84565..84995)], rpl2	trnK-UUU [complement(1428..4398)], rps16 [complement(5143..6032)], trnG-UCC [9628..10301], atpF [complement(12698..13670)], rpoC1 [complement(22800..23555)], ycf3 [complement(43780..44516)], ycf3 [complement(44747..45456)], trnL-UAA [48232..48956], trnV-UAC [complement(50072..50651)], clpP [complement(68964..69637)], clpP [complement(69930..70930)], petB [74497..75236], petD [76074..76923], rpl16 [complement(81414..82584)], rpl2 [complement(84996..85659)], trnI-GAU [102547..103484], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85660..86050)], trnI-GAU [102510..102546], trnI-GAU [103485..103519], trnA-UGC [103582..103619], trnA-UGC [104422..104456], trnA-UGC [complement(125850..125884)], trnA-UGC [complement(126687..126724)], trnI-GAU [complement(126787..126821)], trnI-GAU [complement(127760..127796)], rpl2 [144256..144646], rpl2 [145311..145741]	[103620..104421], trnA-UGC [complement(125885..126686)], trnI-GAU [complement(126822..127759)], rpl2 [144647..145310]
2407.	NEFU	72	rps12 [complement(99385..99410)], rps12 [complement(99952..100183)], rps12 [complement(70107..70220)], trnK-UUU [complement(1408..1433)], trnK-UUU [complement(4126..4162)], rps16 [complement(4798..4994)], rps16 [complement(5886..5925)], trnG-GCC [9040..9062], trnG-GCC [9763..9799], atpF [complement(11800..12210)], atpF [complement(13008..13151)], rpoC1 [complement(20463..22079)], rpoC1 [complement(22818..23252)], ycf3 [complement(41971..42123)], ycf3 [complement(42892..43119)], ycf3 [complement(43841..43966)], trnL-UAA [46517..46551], trnL-UAA [47266..47315], trnV-UAC [complement(51413..51449)], trnV-UAC [complement(52032..52070)], rps12 [141711..141942], rps12 [142484..142509], clpP [complement(70353..70607)], clpP [complement(71257..71548)], clpP [complement(72658..72728)], petB [76122..76127], petB [76833..77474], petD [77656..77663], petD [78517..79171], rpl16 [complement(82596..82994)], rpl16 [complement(84162..84170)], rpl2 [complement(86201..86632)], rpl2 [complement(87295..87681)], ndhB [complement(96299..97054)], ndhB [complement(97759..98535)], trnI-GAU [104054..104095], trnI-GAU [105035..105069], trnA-UGC [105134..105171], trnA-UGC [105978..106012], ndhA [118053..118604], ndhA [119691..120230], trnA-UGC [complement(135882..135916)], trnA-UGC [complement(136723..136760)], trnI-GAU [complement(136825..136859)], trnI-GAU [complement(137799..137840)], ndhB [143359..144135], ndhB [144840..145595], rpl2 [154213..154599], rpl2 [155262..155693]	trnK-UUU [complement(1434..4125)], rps16 [complement(4995..5885)], trnG-GCC [9063..9762], atpF [complement(12211..13007)], rpoC1 [complement(22080..22817)], ycf3 [complement(42124..42891)], ycf3 [complement(43120..43840)], trnL-UAA [46552..47265], trnV-UAC [complement(51450..52031)], clpP [complement(70608..71256)], clpP [complement(71549..72657)], petB [76128..76832], petD [77664..78516], rpl16 [complement(82995..84161)], rpl2 [complement(86633..87294)], ndhB [complement(97055..97758)], trnI-GAU [104096..105034], trnA-UGC [105172..105977], ndhA [118605..119690], trnA-UGC [complement(135917..136722)], trnI-GAU [complement(136860..137798)], ndhB [144136..144839], rpl2 [154600..155261]
2408.	NEHE	59	rps12 [complement(96935..97198)], rps12 [complement(70954..71067)], trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4262..4298)], rps16 [complement(4984..5180)], rps16 [complement(6095..6134)], rpoC1	trnK-UUU [complement(1738..4261)], rps16 [complement(5181..6094)], rpoC1 [complement(21947..22715)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(20327..21946)], rpoC1 [complement(22716..23150)], ycf3 [complement(42483..42650)], ycf3 [complement(43369..43596)], ycf3 [complement(44337..44462)], trnL-UAA [47755..47791], trnL-UAA [48301..48350], trnV-UAC [complement(52322..52358)], trnV-UAC [complement(52949..52986)], rps12 [137795..138058], clpP [complement(71252..71774)], clpP [complement(72570..72640)], petB [75486..75491], petB [76239..76934], petD [77155..77162], petD [77853..78327], rpl2 [complement(83860..84294)], rpl2 [complement(84969..85358)], ndhB [complement(93864..94619)], ndhB [complement(95308..96084)], trnI-GAU [100733..100774], trnI-GAU [101722..101756], trnA-UGC [101824..101861], trnA-UGC [102656..102690], ndhA [115126..115677], ndhA [116755..117276], trnA-UGC [complement(132303..132337)], trnA-UGC [complement(133132..133169)], trnI-GAU [complement(133237..133271)], trnI-GAU [complement(134219..134260)], ndhB [138909..139685], ndhB [140374..141129], rpl2 [149635..150024], rpl2 [150699..151133]	[complement(42651..43368)], ycf3 [complement(43597..44336)], trnL-UAA [47792..48300], trnV-UAC [complement(52359..52948)], clpP [complement(71775..72569)], petB [75492..76238], petD [77163..77852], rpl2 [complement(84295..84968)], ndhB [complement(94620..95307)], trnI-GAU [100775..101721], trnA-UGC [101862..102655], ndhA [115678..116754], trnA-UGC [complement(132338..133131)], trnI-GAU [complement(133272..134218)], ndhB [139686..140373], rpl2 [150025..150698]
2409.	NEJA	72	rps12 [complement(99844..99869)], rps12 [complement(100411..100642)], rps12 [complement(70409..70522)], trnK-UUU [complement(1423..1448)], trnK-UUU [complement(4150..4186)], rps16 [complement(4833..5029)], rps16 [complement(5908..5947)], trnG-GCC [9063..9085], trnG-GCC [9771..9812], atpF [complement(11838..12248)], atpF [complement(13069..13212)], rpoC1 [complement(20529..22145)], rpoC1 [complement(22896..23330)], ycf3 [complement(42111..42263)], ycf3 [complement(43032..43259)], ycf3 [complement(43983..44108)], trnL-UAA [46678..46712], trnL-UAA [47449..47498], trnV-UAC [complement(51650..51686)], trnV-UAC [complement(52269..52307)], rps12 [142417..142648], rps12 [143190..143215], clpP [complement(70655..70909)], clpP [complement(71569..71860)], clpP [complement(72980..73050)], petB [76470..76475], petB [77196..77837], petD [78023..78030], petD [78878..79352], rpl16 [complement(82956..83354)], rpl16 [complement(84541..84549)], rpl2 [complement(86662..87093)], rpl2 [complement(87757..88143)], ndhB [complement(96758..97513)], ndhB	trnK-UUU [complement(1449..4149)], rps16 [complement(5030..5907)], trnG-GCC [9086..9770], atpF [complement(12249..13068)], rpoC1 [complement(22146..22895)], ycf3 [complement(42264..43031)], ycf3 [complement(43260..43982)], trnL-UAA [46713..47448], trnV-UAC [complement(51687..52268)], clpP [complement(70910..71568)], clpP [complement(71861..72979)], petB [76476..77195], petD [78031..78877], rpl16 [complement(83355..84540)], rpl2 [complement(87094..87756)], ndhB [complement(97514..98217)], trnI-GAU [104606..105551], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98218..98940)], trnI-GAU [104564..104605], trnI-GAU [105552..105586], trnA-UGC [105651..105688], trnA-UGC [106526..106560], ndhA [118561..119113], ndhA [120186..120724], trnA-UGC [complement(136499..136533)], trnA-UGC [complement(137371..137408)], trnI-GAU [complement(137473..137507)], trnI-GAU [complement(138454..138495)], ndhB [144068..144841], ndhB [145546..146301], rpl2 [154916..155302], rpl2 [155966..156397]	[105689..106525], ndhA [119114..120185], trnA-UGC [complement(136534..137370)], trnI-GAU [complement(137508..138453)], ndhB [144842..145545], rpl2 [155303..155965]
2410.	NEKO	67	trnK [complement(1699..1734)], trnK [complement(4292..4328)], trnT [8291..8324], trnT [9038..9080], atpF [complement(11216..11625)], atpF [complement(12335..12479)], rpoC1 [complement(19923..21533)], rpoC1 [complement(22350..22781)], ycf3 [complement(41985..42137)], ycf3 [complement(42939..43166)], ycf3 [complement(43879..44004)], trnL [46332..46366], trnL [46879..46928], trnV [complement(50720..50754)], trnV [complement(51352..51390)], rps12 [complement(68999..69112)], rps12 [139291..139522], rps12 [140059..140084], clpP [complement(69294..69521)], clpP [complement(70096..70387)], clpP [complement(71280..71350)], petB [74319..74324], petB [75097..75738], petD [75943..75950], petD [76663..77137], rpl16 [complement(80502..80900)], rpl16 [complement(81993..82001)], rpl2 [complement(83700..84134)], rpl2 [complement(84817..85206)], ndhB [complement(94290..95051)], ndhB [complement(95737..96144)], trnE [102137..102168], trnE [103116..103155], trnA [103220..103256], trnA [104057..104092], ndhA [complement(119102..119631)], ndhA [complement(120688..121240)], trnA [complement(133332..133367)], trnA [complement(134168..134204)], trnE [complement(134269..134308)], trnE [complement(135256..135287)], ndhB [140911..141687], ndhB [142373..143134], rpl2 [152218..152607], rpl2 [153290..153724]	trnK [complement(1735..4291)], trnT [8325..9037], atpF [complement(11626..12334)], rpoC1 [complement(21534..22349)], ycf3 [complement(42138..42938)], ycf3 [complement(43167..43878)], trnL [46367..46878], trnV [complement(50755..51351)], clpP [complement(69522..70095)], clpP [complement(70388..71279)], petB [74325..75096], petD [75951..76662], rpl16 [complement(80901..81992)], rpl2 [complement(84135..84816)], ndhB [complement(95052..95736)], trnE [102169..103115], trnA [103257..104056], ndhA [complement(119632..120687)], trnA [complement(133368..134167)], trnE [complement(134309..135255)], ndhB [141688..142372], rpl2 [152608..153289]
2411.	NELA	66	rps12 [complement(99332..99366)], rps12 [complement(99903..100134)], rps12 [complement(71739..71852)], rps16 [complement(5309..5535)], rps16 [complement(6415..6454)], trnG-GCC [9762..9784], trnG-GCC [10462..10509], atpF [complement(12450..12860)], atpF [complement(13557..13700)], rpoC1 [complement(21486..23105)], rpoC1	rps16 [complement(5536..6414)], trnG-GCC [9785..10461], atpF [complement(12861..13556)], rpoC1 [complement(23106..23866)], ycf3 [complement(43999..44742)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23867..24319)], ycf3 [complement(43846..43998)], ycf3 [complement(44743..44972)], ycf3 [complement(45680..45803)], trnL-UAA [48669..48703], trnL-UAA [49178..49227], rps12 [140856..141087], rps12 [141624..141658], clpP [complement(71986..72213)], clpP [complement(72856..73147)], clpP [complement(73956..74026)], petB [76943..76948], petB [77667..78308], petD [78491..78498], petD [79231..79705], rpl16 [complement(83131..83529)], rpl16 [complement(84388..84396)], rpl2 [complement(86068..86501)], rpl2 [complement(87173..87563)], ndhB [complement(96329..97084)], ndhB [complement(97764..98540)], trnI-GAU [103820..103856], trnI-GAU [104804..104838], trnA-UGC [104903..104940], trnA-UGC [105752..105786], ndhA [complement(120572..121101)], ndhA [complement(122213..122768)], trnA-UGC [complement(135204..135238)], trnA-UGC [complement(136050..136087)], trnI-GAU [complement(136152..136186)], trnI-GAU [complement(137134..137170)], ndhB [142450..143226], ndhB [143906..144661], rpl2 [153427..153817], rpl2 [154489..154922]	[complement(44973..45679)], trnL-UAA [48704..49177], clpP [complement(72214..72855)], clpP [complement(73148..73955)], petB [76949..77666], petD [78499..79230], rpl16 [complement(83530..84387)], rpl2 [complement(86502..87172)], ndhB [complement(97085..97763)], trnI-GAU [103857..104803], trnA-UGC [104941..105751], ndhA [complement(121102..122212)], trnA-UGC [complement(135239..136049)], trnI-GAU [complement(136187..137133)], ndhB [143227..143905], rpl2 [153818..154488]
2412.	NELI	46	rps12 [complement(60681..60706)], rps12 [complement(61248..61479)], rps12 [complement(37117..37230)], trnK-UUU [complement(110037..110062)], trnK-UUU [complement(2583..2619)], rps16 [complement(3179..3405)], rps16 [complement(4302..4341)], trnG-GCC [6499..6521], trnG-GCC [7227..7263], trnL-UAA [22429..22463], trnL-UAA [23022..23071], trnV-UAC [complement(25066..25102)], trnV-UAC [complement(25685..25723)], rps12 [93789..94020], rps12 [94562..94587], clpP [complement(37336..37560)], clpP [complement(38275..38565)], clpP [complement(39656..39724)], rpl16 [complement(44090..44488)], rpl16 [complement(45679..45687)], rpl2 [complement(47829..48260)], rpl2 [complement(48927..49313)], trnI-GAU [65313..65354], trnI-GAU [66310..66344], trnA-UGC [66409..66446], trnA-UGC [67273..67307], trnA-UGC [complement(87961..87995)], trnA-UGC [complement(88822..88859)], trnI-GAU [complement(88924..88958)], trnI-GAU [complement(89914..89955)], rpl2 [105955..106341], rpl2 [107008..107439]	trnK-UUU [complement(110063..2582)], rps16 [complement(3406..4301)], trnG-GCC [6522..7226], trnL-UAA [22464..23021], trnV-UAC [complement(25103..25684)], clpP [complement(37561..38274)], clpP [complement(38566..39655)], rpl16 [complement(44489..45678)], rpl2 [complement(48261..48926)], trnI-GAU [65355..66309], trnA-UGC [66447..67272], trnA-UGC [complement(87996..88821)], trnI-GAU [complement(88959..89913)], rpl2 [106342..107007]
2413.	NELO	25	trnK-UUU [complement(1393..1425)], trnK-UUU [complement(3895..3932)],	trnK-UUU [complement(1426..3894)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [complement(13049..13096)], trnG-UCC [complement(13805..13827)], rps12 [125942..125970]	[complement(4701..5535)], trnG-UCC [complement(13097..13804)], atpF [32793..33615], ycf3 [complement(41931..42661)], ycf3 [complement(42890..43616)], trnL-UAA [46417..46963], trnV-UAC [complement(50605..51200)], petB [70657..71438], petD [72277..73021], rpl16 [complement(77437..78501)], rpl2 [complement(80888..81547)], ndhB [complement(86057..86768)], trnI-GAU [93061..93771], trnA-UGC [93910..94719], ndhA [complement(110713..111714)], trnA-UGC [complement(119625..120434)], trnI-GAU [complement(120573..121283)], ndhB [127576..128287], rpl2 [132797..133456]
2414.	NELU	25	rps12 [complement(77148..77261)], rps12 [149334..149359]	trnK-UUU [complement(1864..4364)], rps16 [complement(5523..6366)], trnG-UCC [10873..11585], atpF [complement(13993..14741)], rpoC1 [complement(24578..25314)], ycf3 [complement(46854..47597)], ycf3 [complement(47826..48572)], trnL-UAA [52199..52722], trnV-UAC [complement(57717..58306)], clpP [complement(77659..78305)], clpP [complement(78600..79422)], petB [82400..83187], petD [84031..84748], rpl16 [complement(89116..90135)], rpl2 [complement(92266..92930)], ndhB [complement(103287..103986)], trnI-GAU [110348..111107], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[111245..112049], ndhA [complement(129134..129979)], trnA-UGC [complement(142918..143722)], trnI-GAU [complement(143860..144619)], ndhB [150981..151680], rpl2 [162037..162701]
2415.	NEM A	56	rps12 [complement(103237..103262)], rps12 [complement(103799..104030)], rps12 [complement(74059..74172)], trnK-UUU [complement(1820..1854)], trnK-UUU [complement(4436..4472)], trnG-GCC [8287..8309], trnG-GCC [9035..9080], atpF [complement(11719..12129)], atpF [complement(12920..13063)], rpoC1 [complement(21291..22901)], rpoC1 [complement(23683..24114)], ycf3 [complement(45307..45459)], ycf3 [complement(46172..46399)], ycf3 [complement(47130..47255)], trnL-UAA [49549..49585], trnL-UAA [50146..50194], trnV-UAC [complement(54301..54337)], trnV-UAC [complement(54945..54983)], rps12 [complement(74059..74172)], rps12 [147789..148020], rps12 [148557..148582], clpP [complement(74360..74585)], clpP [complement(75209..75501)], clpP [complement(76368..76436)], petB [79424..79429], petB [80265..80906], petD [81101..81108], petD [81897..82371], rpl16 [complement(86131..86529)], rpl16 [complement(87601..87609)], rpl2 [complement(89468..89902)], rpl2 [complement(90578..90976)], ndhB [complement(100177..100932)], ndhB [complement(101621..102397)], trnI-GAU [108029..108070], trnI-GAU [109018..109052], trnA-UGC [109117..109154], trnA-UGC [109963..109997], ndhA [complement(126821..127360)], ndhA [complement(128539..129108)], trnA-UGC [complement(141822..141856)], trnA-UGC [complement(142665..142702)], trnI-GAU [complement(142767..142801)], trnI-GAU [complement(143749..143790)], ndhB [149422..150198], ndhB [150887..151642], rpl2 [160843..161241], rpl2 [161917..162351]	trnG-GCC [8310..9034], trnL-UAA [49586..50145], trnV-UAC [complement(54338..54944)], clpP [complement(74586..75208)], clpP [complement(75502..76367)], trnI-GAU [108071..109017], trnI-GAU [complement(142802..143748)], rpl2 [161242..161916]
2416.	NEME	69	rps12 [complement(99737..99763)], rps12 [complement(100300..100530)], rps12 [complement(71472..71585)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4367..4403)], rps16 [complement(5169..5389)], rps16 [complement(6221..6260)], trnG-UCC [8588..8611], trnG-UCC [9385..9432],	trnK-UUU [complement(1862..4366)], rps16 [complement(5390..6220)], trnG-UCC [8612..9384], atpF [complement(11750..12487)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(11339..11749)], atpF [complement(12488..12631)], rpoC1 [complement(20454..22075)], rpoC1 [complement(22794..23223)], ycf3 [complement(42852..43003)], ycf3 [complement(43738..43966)], ycf3 [complement(44689..44814)], trnL-UAA [47533..47567], trnL-UAA [48002..48051], trnV-UAC [complement(52531..52567)], trnV-UAC [complement(53155..53193)], rps12 [142194..142423], rps12 [142960..142987], clpP [complement(71738..71983)], clpP [complement(72629..72920)], clpP [complement(73715..73785)], petB [76666..76671], petB [77452..78093], petD [78286..78293], petD [78991..79471], rpl16 [complement(82910..83305)], rpl16 [complement(84280..84288)], rpl2 [complement(86003..86430)], rpl2 [complement(87097..87118)], ndhB [complement(96646..97401)], ndhB [complement(98107..98829)], trnI-GAU [104410..104451], trnI-GAU [105394..105428], trnA-UGC [105493..105530], trnA-UGC [106329..106363], ndhA [complement(121922..122461)], ndhA [complement(123562..124113)], trnA-UGC [complement(136361..136395)], trnA-UGC [complement(137194..137231)], trnI-GAU [complement(137296..137330)], trnI-GAU [complement(138273..138314)], ndhB [143895..144617], ndhB [145323..146078]	[complement(22076..22793)], ycf3 [complement(43004..43737)], ycf3 [complement(43967..44688)], trnL-UAA [47568..48001], trnV-UAC [complement(52568..53154)], clpP [complement(71984..72628)], clpP [complement(72921..73714)], petB [76672..77451], petD [78294..78990], rpl16 [complement(83306..84279)], rpl2 [complement(86431..87096)], ndhB [complement(97402..98106)], trnI-GAU [104452..105393], trnA-UGC [105531..106328], ndhA [complement(122462..123561)], trnA-UGC [complement(136396..137193)], trnI-GAU [complement(137331..138272)], ndhB [144618..145322]
2417.	NEMI	69	rps12 [complement(100735..100760)], rps12 [complement(101302..101533)], rps12 [complement(72395..72508)], trnH-GUG [complement(156381)], trnH-GUG [complement(1..73)], trnK-UUU [complement(1661..1695)], trnK-UUU [complement(4199..4235)], rps16 [complement(4936..5161)], rps16 [complement(6007..6047)], trnG-UCC [8966..8988], trnG-UCC [9683..9730], atpF [complement(11849..12252)], atpF [complement(13000..13144)], rpoC1 [complement(20739..22349)], rpoC1 [complement(23113..23544)], ycf3 [complement(43185..43337)], ycf3 [complement(44094..44321)], ycf3 [complement(45101..45226)], trnL-UAA [48673..48708], trnL-UAA [49228..49277], trnV-UAC [complement(52921..52955)], trnV-UAC [complement(53553..53591)], rps12 [complement(72395..72508)], rps12 [141641..141872], rps12 [142414..142439], clpP [complement(72653..72880)], clpP [complement(73501..73792)], clpP [complement(74704..74774)], petB	trnK-UUU [complement(1696..4198)], rps16 [complement(5162..6006)], trnG-UCC [8989..9682], atpF [complement(12253..12999)], rpoC1 [complement(22350..23112)], ycf3 [complement(43338..44093)], ycf3 [complement(44322..45100)], trnL-UAA [48709..49227], trnV-UAC [complement(52956..53552)], clpP [complement(72881..73500)], clpP [complement(73793..74703)], petB [77693..78519], petD [79377..80127], rpl16 [complement(84447..85444)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77687..77692], petB [78520..79161], petD [79369..79376], petD [80128..80623], rpl16 [complement(84048..84446)], rpl16 [complement(85445..85453)], ndhB [complement(97644..98399)], ndhB [complement(99106..99882)], trnI-GAU [104713..104749], trnI-GAU [105702..105736], trnA-UGC [105801..105838], trnA-UGC [106646..106680], ndhA [complement(121904..122442)], ndhA [complement(123455..124007)], trnA-UGC [complement(136494..136528)], trnA-UGC [complement(137336..137373)], trnI-GAU [complement(137438..137472)], trnI-GAU [complement(138425..138461)], ndhB [143292..144068], ndhB [144775..145530]	[complement(98400..99105)], trnI-GAU [104750..105701], trnA-UGC [105839..106645], ndhA [complement(122443..123454)], trnA-UGC [complement(136529..137335)], trnI-GAU [complement(137473..138424)], ndhB [144069..144774]
2418.	NENI	18	rps12 [complement(50852..50877)], rps12 [complement(51419..51650)], rps16 [complement(3076..3271)], rps16 [complement(4129..4169)], trnA-UGC [54714..54751], trnA-UGC [55206..55240], trnA [complement(73243..73277)], trnA [complement(73732..73769)]	rps16 [complement(3272..4128)], trnG-UCC [6380..6996], trnL-UAA [19735..20236], clpP [complement(30172..30828)], clpP [complement(31121..32057)], rpl16 [complement(35343..36337)], rpl2 [complement(38727..39389)], trnA-UGC [54752..55205], trnA [complement(73278..73731)], rpl2 [89094..89756]
2419.	NENU	28	rps12 [complement(77271..77384)], rps12 [complement(77271..77384)], rps12 [149454..149479], clpP [complement(77536..77781)], ndhA [complement(128770..129308)], ndhA [complement(130132..130684)]	trnK-UUU [complement(2067..4572)], rps16 [complement(5741..6584)], trnG-GCC [11071..11778], atpF [complement(14177..14925)], rpoC1 [complement(24788..25521)], ycf3 [complement(46859..47603)], ycf3 [complement(47834..48580)], trnL-UAA [52145..52669], trnV-UAC [complement(57811..58400)], clpP [complement(77782..78437)], clpP [complement(78730..79544)], petB [82524..83313], rpl16 [complement(89230..90259)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(92402..93066)], ndhB [complement(103441..104140)], trnI-GAU [110496..111256], trnA-UGC [111394..112198], ndhA [complement(129309..130131)], trnA-UGC [complement(143043..143847)], trnI-GAU [complement(143985..144745)], ndhB [151101..151800], rpl2 [162175..162839]
2420.	NEOL	35	rps12 [complement(98652..98677)], rps12 [complement(99214..99445)], rps12 [complement(70849..70962)], rps16 [complement(4938..5164)], rps16 [complement(6015..6054)], atpF [complement(11568..11977)], atpF [complement(12683..12827)], rpoC1 [complement(20782..22392)], rpoC1 [complement(23147..23599)], ycf3 [complement(43286..43438)], ycf3 [complement(44210..44439)], ycf3 [complement(45176..45299)], rps12 [140731..140962], rps12 [141499..141524], clpP [complement(71096..71324)], clpP [complement(71985..72275)], clpP [complement(73025..73095)], petB [76014..76019], petB [76779..77420], petD [77611..77618], petD [78329..78803], rpl16 [complement(82268..82666)], rpl16 [complement(83731..83739)], rpl2 [complement(85413..85846)], rpl2 [complement(86496..86886)], ndhB [complement(95637..96392)], ndhB [complement(97077..97853)], ndhA [complement(120651..121189)], ndhA [complement(122245..122797)], ndhB [142323..143099], ndhB [143784..144539], rpl2 [153290..153680], rpl2 [154330..154763]	clpP [complement(71325..71984)], clpP [complement(72276..73024)]
2421.	NEOR	64	rps12 [complement(88579..88607)], rps12 [complement(89148..89379)], rps12 [complement(66738..66851)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3919..3955)], rps16 [complement(4522..4739)], rps16 [complement(5572..5611)], trnG-UCC [complement(12887..12934)], trnG- UCC [complement(13611..13633)], atpF [32325..32469], atpF [33290..33696], ycf3 [complement(41537..41697)], ycf3 [complement(42418..42643)], ycf3 [complement(43405..43530)], trnL-UAA [46333..46367], trnL-UAA [46914..46963], trnV-UAC [complement(50437..50473)], trnV-UAC [complement(51076..51114)], rps12 [125877..126108], rps12	trnK-UUU [complement(1418..3918)], rps16 [complement(4740..5571)], trnG-UCC [complement(12935..13610)], atpF [32470..33289], ycf3 [complement(41698..42417)], ycf3 [complement(42644..43404)], trnL-UAA [46368..46913], trnV-UAC [complement(50474..51075)], petB [70632..71397], petD [72236..72976], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[126649..126677], petB [70626..70631], petB [71398..72039], petD [72228..72235], petD [72977..73451], rpl16 [complement(77058..77459)], rpl16 [complement(78356..78364)], rpl2 [complement(80368..80798)], rpl2 [complement(81462..81852)], ndhB [complement(85507..86262)], ndhB [complement(86975..87751)], trnI-GAU [93157..93193], trnI-GAU [94000..94034], trnA-UGC [94100..94137], trnA-UGC [94949..94983], ndhA [complement(110844..111382)], ndhA [complement(112407..112956)], trnA-UGC [complement(120273..120307)], trnA-UGC [complement(121119..121156)], trnI-GAU [complement(121222..121256)], trnI-GAU [complement(122063..122099)], ndhB [127505..128281], ndhB [128994..129749], rpl2 [133404..133794], rpl2 [134458..134888]	[complement(77460..78355)], rpl2 [complement(80799..81461)], ndhB [complement(86263..86974)], trnI-GAU [93194..93999], trnA-UGC [94138..94948], ndhA [complement(111383..112406)], trnA-UGC [complement(120308..121118)], trnI-GAU [complement(121257..122062)], ndhB [128282..128993], rpl2 [133795..134457]
2422.	NEOV	72	rps12 [complement(99869..99894)], rps12 [complement(100436..100667)], rps12 [complement(70323..70436)], trnK-UUU [complement(1391..1416)], trnK-UUU [complement(4102..4138)], rps16 [complement(4654..4901)], rps16 [complement(5788..5827)], trnG-GCC [8897..8919], trnG-GCC [9604..9640], atpF [complement(11617..12027)], atpF [complement(12809..12952)], rpoC1 [complement(20198..21814)], rpoC1 [complement(22550..22984)], ycf3 [complement(42166..42318)], ycf3 [complement(43089..43316)], ycf3 [complement(44035..44160)], trnL-UAA [46998..47032], trnL-UAA [47736..47785], trnV-UAC [complement(51294..51330)], trnV-UAC [complement(51913..51951)], rps12 [141745..141976], rps12 [142518..142543], clpP [complement(70569..70823)], clpP [complement(71467..71758)], clpP [complement(72672..72742)], petB [76293..76298], petB [77019..77660], petD [77842..77849], petD [78703..79216], rpl16 [complement(82713..83111)], rpl16 [complement(84296..84304)], rpl2 [complement(86314..86745)], rpl2 [complement(87409..87786)], ndhB [complement(96783..97538)], ndhB [complement(98243..99019)], trnI-GAU [104411..104452], trnI-GAU [105383..105417], trnA-UGC [105482..105519], trnA-UGC [106325..106359], ndhA [118444..118995], ndhA [120093..120632], trnA-UGC [complement(136053..136087)], trnA-UGC [complement(136893..136930)], trnI-GAU [complement(136995..137029)], trnI-GAU	trnK-UUU [complement(1417..4101)], rps16 [complement(4902..5787)], trnG-GCC [8920..9603], atpF [complement(12028..12808)], rpoC1 [complement(21815..22549)], ycf3 [complement(42319..43088)], ycf3 [complement(43317..44034)], trnL-UAA [47033..47735], trnV-UAC [complement(51331..51912)], clpP [complement(70824..71466)], clpP [complement(71759..72671)], petB [76299..77018], petD [77850..78702], rpl16 [complement(83112..84295)], rpl2 [complement(86746..87408)], ndhB [complement(97539..98242)], trnI-GAU [104453..105382], trnA-UGC [105520..106324], ndhA [118996..120092], trnA-UGC [complement(136088..136892)], trnI-GAU [complement(137030..137959)], ndhB [144170..144873], rpl2 [155004..155666]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137960..138001)], ndhB [143393..144169], ndhB [144874..145629], rpl2 [154626..155003], rpl2 [155667..156098]	
2423.	NEPI	72	rps12 [complement(98855..98880)], rps12 [complement(99422..99653)], rps12 [complement(69531..69644)], trnK-UUU [complement(1406..1431)], trnK-UUU [complement(4196..4232)], rps16 [complement(4859..5106)], rps16 [complement(5986..6025)], trnG-GCC [9214..9236], trnG-GCC [9935..9971], atpF [complement(11942..12352)], atpF [complement(13151..13294)], rpoC1 [complement(20502..22118)], rpoC1 [complement(22855..23289)], ycf3 [complement(42224..42376)], ycf3 [complement(43146..43373)], ycf3 [complement(44101..44226)], trnL-UAA [46927..46961], trnL-UAA [47506..47555], trnV-UAC [complement(51426..51462)], trnV-UAC [complement(52051..52089)], rps12 [140756..140987], rps12 [141529..141554], clpP [complement(69777..70031)], clpP [complement(70683..70974)], clpP [complement(71869..71939)], petB [75277..75282], petB [75988..76629], petD [76811..76818], petD [77666..78149], rpl16 [complement(81727..82125)], rpl16 [complement(83310..83318)], rpl2 [complement(85384..85815)], rpl2 [complement(86432..86818)], ndhB [complement(95773..96528)], ndhB [complement(97229..98005)], trnI-GAU [103534..103575], trnI-GAU [104514..104548], trnA-UGC [104613..104650], trnA-UGC [105457..105491], ndhA [117292..117843], ndhA [118925..119464], trnA-UGC [complement(134918..134952)], trnA-UGC [complement(135759..135796)], trnI-GAU [complement(135861..135895)], trnI-GAU [complement(136834..136875)], ndhB [142404..143180], ndhB [143881..144636], rpl2 [153591..153977], rpl2 [154594..155025]	trnK-UUU [complement(1432..4195)], rps16 [complement(5107..5985)], trnG-GCC [9237..9934], atpF [complement(12353..13150)], rpoC1 [complement(22119..22854)], ycf3 [complement(42377..43145)], ycf3 [complement(43374..44100)], trnL-UAA [46962..47505], trnV-UAC [complement(51463..52050)], clpP [complement(70032..70682)], clpP [complement(70975..71868)], petB [75283..75987], petD [76819..77665], rpl16 [complement(82126..83309)], rpl2 [complement(85816..86431)], ndhB [complement(96529..97228)], trnI-GAU [103576..104513], trnA-UGC [104651..105456], ndhA [117844..118924], trnA-UGC [complement(134953..135758)], trnI-GAU [complement(135896..136833)], ndhB [143181..143880], rpl2 [153978..154593]
2424.	NERE	46	trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3874..3911)], trnG-UCC [complement(13193..13240)], trnG-UCC [complement(13937..13959)], ycf3 [complement(44280..44405)], trnL-UAA [47013..47047], trnL-UAA [47589..47638], trnV-UAC [complement(51214..51260)], trnV-UAC [complement(51847..51885)], rps12 [126855..126883], rpl16 [complement(77756..78178)], rpl2 [complement(82275..82667)], ndhB [complement(86028..86784)], ndhB	trnK-UUU [complement(1410..3873)], rps16 [complement(4702..5533)], trnG-UCC [complement(13241..13936)], atpF [33426..34257], ycf3 [complement(42582..43311)], ycf3 [complement(43540..44279)], trnL-UAA [47048..47588], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87497..88272)], trnI-GAU [93741..93782], trnI-GAU [94493..94527], trnA-UGC [94593..94630], trnA-UGC [95441..95475], ndhA [complement(112609..113157)], trnA-UGC [complement(120509..120543)], trnA-UGC [complement(121354..121391)], trnI-GAU [complement(121457..121491)], trnI-GAU [complement(122202..122243)], ndhB [127712..128487], ndhB [129200..129956], rpl2 [133317..133709]	[complement(51261..51846)], petB [71390..72177], petD [73016..73755], rpl16 [complement(78179..79229)], rpl2 [complement(81615..82274)], ndhB [complement(86785..87496)], trnI-GAU [93783..94492], trnA-UGC [94631..95440], ndhA [complement(111602..112608)], trnA-UGC [complement(120544..121353)], trnI-GAU [complement(121492..122201)], ndhB [128488..129199], rpl2 [133710..134369]
2425.	NERI	63	rps12 [complement(97945..97970)], rps12 [complement(98518..98749)], rps12 [complement(68460..68573)], trnK-UUU [complement(1393..1427)], trnK-UUU [complement(4399..4435)], rps16 [complement(4898..5142)], rps16 [complement(6033..6072)], trnG-UCC [9597..9627], trnG-UCC [10302..10360], atpF [complement(12288..12697)], atpF [complement(13671..13815)], rpoC1 [complement(21192..22799)], rpoC1 [complement(23556..24008)], ycf3 [complement(43627..43779)], ycf3 [complement(44517..44746)], ycf3 [complement(45457..45580)], trnL-UAA [48197..48231], trnL-UAA [48957..49006], trnV-UAC [complement(50035..50071)], trnV-UAC [complement(50652..50690)], rps12 [131559..131789], rps12 [132338..132367], clpP [complement(68713..68964)], clpP [complement(69639..69930)], clpP [complement(70932..71002)], petB [74492..74497], petB [75238..75879], petD [76066..76074], petD [76925..77407], rpl16 [complement(81016..81414)], rpl16 [complement(82586..82594)], rpl2 [complement(84566..84996)], rpl2 [complement(85661..86051)], trnI-GAU [102511..102547], trnI-GAU [103486..103520], trnA-UGC [103583..103620], trnA-UGC [104423..104457], trnA-UGC [complement(125851..125885)], trnA-UGC [complement(126688..126725)], trnI-GAU [complement(126788..126822)], trnI-GAU [complement(127761..127797)], rpl2 [144257..144647], rpl2 [145312..145742]	trnK-UUU [complement(1428..4398)], rps16 [complement(5143..6032)], trnG-UCC [9628..10301], atpF [complement(12698..13670)], rpoC1 [complement(22800..23555)], ycf3 [complement(43780..44516)], ycf3 [complement(44747..45456)], trnL-UAA [48232..48956], trnV-UAC [complement(50072..50651)], clpP [complement(68965..69638)], clpP [complement(69931..70931)], petB [74498..75237], petD [76075..76924], rpl16 [complement(81415..82585)], rpl2 [complement(84997..85660)], trnI-GAU [102548..103485], trnA-UGC [103621..104422], trnA-UGC [complement(125886..126687)], trnI-GAU [complement(126823..127760)], rpl2 [144648..145311]
2426.	NESA	67	rps12 [complement(99975..100009)], rps12 [complement(100546..100777)],	rps16 [complement(5546..6428)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(72410..72523)], rps16 [complement(5319..5545)], rps16 [complement(6429..6468)], trnG-GCC [10170..10192], trnG-GCC [10876..10923], atpF [complement(12863..13273)], atpF [complement(13970..14113)], rpoC1 [complement(22005..23624)], rpoC1 [complement(24402..24854)], ycf3 [complement(44479..44631)], ycf3 [complement(45376..45605)], ycf3 [complement(46316..46439)], trnL-UAA [49348..49382], trnL-UAA [49857..49906], rps12 [complement(72410..72523)], rps12 [141431..141662], rps12 [142199..142233], clpP [complement(72657..72884)], clpP [complement(73526..73817)], clpP [complement(74626..74696)], petB [77613..77618], petB [78327..78968], petD [79151..79158], petD [79891..80365], rpl16 [complement(83800..84198)], rpl16 [complement(85024..85032)], rpl2 [complement(86704..87137)], rpl2 [complement(87813..88203)], ndhB [complement(96972..97727)], ndhB [complement(98407..99183)], trnI-GAU [104464..104500], trnI-GAU [105448..105482], trnA-UGC [105547..105584], trnA-UGC [106396..106430], ndhA [complement(121192..121721)], ndhA [complement(122820..123375)], trnA-UGC [complement(135778..135812)], trnA-UGC [complement(136624..136661)], trnI-GAU [complement(136726..136760)], trnI-GAU [complement(137708..137744)], ndhB [143025..143801], ndhB [144481..145236], rpl2 [154005..154395], rpl2 [155071..155504]</p>	<p>[10193..10875], atpF [complement(13274..13969)], rpoC1 [complement(23625..24401)], ycf3 [complement(44632..45375)], ycf3 [complement(45606..46315)], trnL-UAA [49383..49856], clpP [complement(72885..73525)], clpP [complement(73818..74625)], petB [77619..78326], petD [79159..79890], rpl16 [complement(84199..85023)], rpl2 [complement(87138..87812)], ndhB [complement(97728..98406)], trnI-GAU [104501..105447], trnA-UGC [105585..106395], ndhA [complement(121722..122819)], trnA-UGC [complement(135813..136623)], trnI-GAU [complement(136761..137707)], ndhB [143802..144480], rpl2 [154396..155070]</p>
2427.	NESU	72	<p>rps12 [complement(99763..99788)], rps12 [complement(100330..100561)], rps12 [complement(70411..70524)], trnK-UUU [complement(1416..1441)], trnK-UUU [complement(4142..4178)], rps16 [complement(4833..5029)], rps16 [complement(5908..5947)], trnG-GCC [9071..9093], trnG-GCC [9787..9828], atpF [complement(11851..12261)], atpF [complement(13069..13212)], rpoC1 [complement(20921..22186)], rpoC1 [complement(22944..23375)], ycf3 [complement(42154..42306)], ycf3 [complement(43084..43311)], ycf3 [complement(44035..44160)], trnL-UAA [46733..46767], trnL-UAA [47517..47566], trnV-UAC [complement(51692..51728)], trnV-UAC [complement(52311..52349)], rps12 [142228..142459], rps12 [143001..143026], clpP [complement(70657..70911)], clpP</p>	<p>trnK-UUU [complement(1442..4141)], rps16 [complement(5030..5907)], trnG-GCC [9094..9786], atpF [complement(12262..13068)], rpoC1 [complement(22187..22943)], ycf3 [complement(42307..43083)], ycf3 [complement(43312..44034)], trnL-UAA [46768..47516], trnV-UAC [complement(51729..52310)], clpP [complement(70912..71573)], clpP [complement(71866..72978)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71574..71865)], clpP [complement(72979..73049)], petB [76453..76458], petB [77180..77821], petD [78007..78014], petD [78863..79337], rpl16 [complement(82948..83346)], rpl16 [complement(84533..84541)], rpl2 [complement(86566..86997)], rpl2 [complement(87661..88047)], ndhB [complement(96673..97428)], ndhB [complement(98133..98906)], trnI-GAU [104448..104489], trnI-GAU [105421..105455], trnA-UGC [105520..105557], trnA-UGC [106363..106397], ndhA [118455..119006], ndhA [120078..120617], trnA-UGC [complement(136392..136426)], trnA-UGC [complement(137232..137269)], trnI-GAU [complement(137334..137368)], trnI-GAU [complement(138300..138341)], ndhB [143883..144656], ndhB [145361..146116], rpl2 [154742..155128], rpl2 [155792..156223]	[76459..77179], petD [78015..78862], rpl16 [complement(83347..84532)], rpl2 [complement(86998..87660)], ndhB [complement(97429..98132)], trnI-GAU [104490..105420], trnA-UGC [105558..106362], ndhA [119007..120077], trnA-UGC [complement(136427..137231)], trnI-GAU [complement(137369..138299)], ndhB [144657..145360], rpl2 [155129..155791]
2428.	NIAT	19	rps12 [complement(72145..72258)], trnK-UUU [complement(1811..1845)], trnK-UUU [complement(4381..4417)], trnG-GCC [9509..9531], trnG-GCC [10224..10271], trnL-UAA [49353..49387], trnL-UAA [49885..49934], trnV-UAC [complement(53815..53849)], trnV-UAC [complement(54423..54460)], rps12 [142488..142513], trnI-GAU [104491..104527], trnI-GAU [105244..105278], trnA-UGC [106090..106124], trnA-UGC [complement(136365..136399)], trnA-UGC [complement(137109..137146)], trnI-GAU [complement(137211..137245)], trnI-GAU [complement(137962..137998)]	trnK-UUU [complement(1846..4380)], ndhB [complement(97714..98392)]
2429.	NIDA	25	rps12 [complement(72037..72150)], rps12 [141820..141845]	trnK-UUU [complement(1741..4279)], rps16 [complement(5109..6000)], trnG-UCC [9334..10029], atpF [complement(12442..13157)], rpoC1 [complement(22999..23740)], ycf3 [complement(44880..45617)], ycf3 [complement(45847..46585)], trnL-UAA [49427..49950], trnV-UAC [complement(54073..54655)], clpP [complement(72652..73358)], clpP [complement(73648..74453)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[77420..78213], petD [79073..79806], rpl16 [complement(84303..85405)], rpl2 [complement(87602..88259)], ndhB [complement(98160..98859)], trnI-GAU [105243..106186], trnA-UGC [106324..107123], ndhA [complement(121227..122212)], trnA-UGC [complement(135209..136008)], trnI-GAU [complement(136146..137089)], ndhB [143473..144172], rpl2 [154073..154730]
2430.	NIOT	21	rps12 [complement(100659..100910)], rps12 [complement(72297..72407)], trnL-UAA [49364..49400], trnL-UAA [49896..49945], trnV-UAC [complement(53854..53890)], trnV-UAC [complement(54462..54499)], rps12 [141811..142062], trnI-GAU [104611..104652], trnI-GAU [105364..105398], trnA-UGC [105463..105500], trnA-UGC [106210..106244], trnA-UGC [complement(136477..136511)], trnA-UGC [complement(137221..137258)], trnI-GAU [complement(137323..137357)], trnI-GAU [complement(138069..138110)]	trnL-UAA [49401..49895], trnV-UAC [complement(53891..54461)], trnI-GAU [104653..105363], trnA-UGC [105501..106209], trnA-UGC [complement(136512..137220)], trnI-GAU [complement(137358..138068)]
2431.	NISY	18	rps12 [complement(72222..72335)], trnK [complement(1812..1846)], trnK [complement(4373..4409)], trnG [9501..9523], trnG [10216..10263], trnL [49300..49334], trnL [49838..49887], trnV [complement(53758..53792)], trnV [complement(54364..54401)], rps12 [142541..142566], trnI [104551..104587], trnI [105295..105329], trnA [105394..105431], trnA [106141..106175], trnA [complement(136451..136485)], trnA [complement(137195..137232)], trnI [complement(137297..137331)], trnI [complement(138039..138075)]	-
2432.	NITA	12	rps12 [complement(72224..72337)], rps12 [142543..142568]	trnK [complement(1847..4372)], trnG [9526..10217], trnL [49337..49839], trnV [complement(53795..54365)], rpl2 [complement(87177..87842)], trnI [104590..105296], trnA [105434..106142], trnA [complement(136488..137196)], trnI [complement(137334..138040)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[144146..144824]
2433.	NITO	18	trnK [complement(1784..1818)], trnK [complement(4345..4381)], trnG [9441..9463], trnG [10154..10201], rpoC1 [complement(23768..24199)], trnL [49254..49288], trnL [49786..49835], trnV [complement(53661..53695)], trnV [complement(54268..54305)], rps12 [142278..142303], trnI [104323..104359], trnI [105076..105110], trnA [105175..105212], trnA [105922..105956], trnA [complement(136182..136216)], trnA [complement(136926..136963)], trnI [complement(137028..137062)], trnI [complement(137779..137815)]	-
2434.	NIUN	24	rps12 [complement(72193..72306)]	trnK-UUU [complement(1857..4377)], rps16 [complement(5319..6177)], trnG-GCC [9545..10235], atpF [complement(12630..13321)], rpoC1 [complement(23126..23858)], ycf3 [complement(44410..45190)], ycf3 [complement(45421..46155)], trnL-UAA [49335..49832], trnV-UAC [complement(53755..54327)], clpP [complement(72673..73303)], clpP [complement(73596..74384)], petB [77406..78158], petD [78999..79740], rpl16 [complement(84012..85031)], rpl2 [complement(87125..87790)], ndhB [complement(97730..98408)], trnI-GAU [104521..105236], trnA-UGC [105374..106082], ndhA [complement(122177..123324)], trnA-UGC [complement(136415..137123)], trnI-GAU [complement(137261..137976)], ndhB [144089..144767], rpl2 [154707..155372]
2435.	NOAT	27	trnK-UUU [complement(1388..1427)], trnK-UUU [complement(3992..4028)], rps12 [142678..142703], petD [78617..79121]	trnK-UUU [complement(1428..3991)], rps16 [complement(4892..5768)], trnG-GCC [9755..10467], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12844..13675)], rpoC1 [complement(22886..23626)], ycf3 [complement(42995..43731)], ycf3 [complement(43962..44711)], trnL-UAA [47431..47949], trnV-UAC [complement(52524..53117)], clpP [complement(71545..72184)], clpP [complement(72476..73284)], petB [76755..76989], petD [77857..78616], rpl16 [complement(82970..84007)], rpl2 [complement(86286..86949)], ndhB [complement(97101..97794)], trnI-GAU [104155..105091], trnA-UGC [105229..106052], ndhA [complement(122238..123312)], trnA-UGC [complement(136015..136838)], trnI-GAU [complement(136976..137912)], ndhB [144273..144966], rpl2 [155118..155781]
2436.	NOBR	66	rps12 [complement(99727..99752)], rps12 [complement(100289..100520)], rps12 [complement(72158..72271)], rps16 [complement(5324..5550)], rps16 [complement(6426..6465)], trnG-GCC [10113..10135], trnG-GCC [10816..10863], atpF [complement(12802..13212)], atpF [complement(13908..14051)], rpoC1 [complement(21942..23561)], rpoC1 [complement(24319..24771)], ycf3 [complement(44229..44381)], ycf3 [complement(45129..45358)], ycf3 [complement(46062..46185)], trnL-UAA [49066..49100], trnL-UAA [49575..49624], rps12 [141469..141700], rps12 [142237..142262], clpP [complement(72405..72632)], clpP [complement(73277..73568)], clpP [complement(74377..74447)], petB [77363..77368], petB [78084..78725], petD [78908..78915], petD [79650..80124], rpl16 [complement(83544..83942)], rpl16 [complement(84786..84794)], rpl2 [complement(86456..86889)], rpl2 [complement(87565..87955)], ndhB [complement(96720..97475)], ndhB	rps16 [complement(5551..6425)], trnG-GCC [10136..10815], atpF [complement(13213..13907)], rpoC1 [complement(23562..24318)], ycf3 [complement(44382..45128)], ycf3 [complement(45359..46061)], trnL-UAA [49101..49574], clpP [complement(72633..73276)], clpP [complement(73569..74376)], petB [77369..78083], petD [78916..79649], rpl16 [complement(83943..84785)], rpl2 [complement(86890..87564)], ndhB [complement(97476..98154)], trnI-GAU [104237..105183], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98155..98931)], trnI-GAU [104200..104236], trnI-GAU [105184..105218], trnA-UGC [105283..105320], trnA-UGC [106131..106165], ndhA [complement(121226..121755)], ndhA [complement(122863..123418)], trnA-UGC [complement(135824..135858)], trnA-UGC [complement(136669..136706)], trnI-GAU [complement(136771..136805)], trnI-GAU [complement(137753..137789)], ndhB [143058..143834], ndhB [144514..145269], rpl2 [154034..154424], rpl2 [155100..155533]	[105321..106130], ndhA [complement(121756..122862)], trnA-UGC [complement(135859..136668)], trnI-GAU [complement(136806..137752)], ndhB [143835..144513], rpl2 [154425..155099]
2437.	NOCL	66	rps12 [complement(99685..99710)], rps12 [complement(100247..100478)], rps12 [complement(72148..72261)], rps16 [complement(5304..5530)], rps16 [complement(6406..6445)], trnG-GCC [10106..10128], trnG-GCC [10808..10855], atpF [complement(12811..13221)], atpF [complement(13918..14061)], rpoC1 [complement(21954..23573)], rpoC1 [complement(24331..24783)], ycf3 [complement(44233..44385)], ycf3 [complement(45133..45362)], ycf3 [complement(46067..46190)], trnL-UAA [49064..49098], trnL-UAA [49573..49622], rps12 [141447..141678], rps12 [142215..142240], clpP [complement(72395..72622)], clpP [complement(73266..73557)], clpP [complement(74367..74437)], petB [77354..77359], petB [78062..78703], petD [78886..78893], petD [79628..80102], rpl16 [complement(83514..83912)], rpl16 [complement(84754..84762)], rpl2 [complement(86414..86847)], rpl2 [complement(87523..87913)], ndhB [complement(96678..97433)], ndhB [complement(98113..98889)], trnI-GAU [104164..104200], trnI-GAU [105149..105183], trnA-UGC [105248..105285], trnA-UGC [106097..106131], ndhA [complement(121193..121722)], ndhA [complement(122830..123385)], trnA-UGC [complement(135794..135828)], trnA-UGC [complement(136640..136677)], trnI-GAU [complement(136742..136776)], trnI-GAU [complement(137725..137761)], ndhB [143036..143812], ndhB [144492..145247], rpl2 [154012..154402], rpl2 [155078..155511]	rps16 [complement(5531..6405)], trnG-GCC [10129..10807], atpF [complement(13222..13917)], rpoC1 [complement(23574..24330)], ycf3 [complement(44386..45132)], ycf3 [complement(45363..46066)], trnL-UAA [49099..49572], clpP [complement(72623..73265)], clpP [complement(73558..74366)], petB [77360..78061], petD [78894..79627], rpl16 [complement(83913..84753)], rpl2 [complement(86848..87522)], ndhB [complement(97434..98112)], trnI-GAU [104201..105148], trnA-UGC [105286..106096], ndhA [complement(121723..122829)], trnA-UGC [complement(135829..136639)], trnI-GAU [complement(136777..137724)], ndhB [143813..144491], rpl2 [154403..155077]
2438.	NOIN	66	rps12 [complement(99749..99774)], rps12 [complement(100311..100542)], rps12 [complement(72181..72294)], rps16 [complement(5305..5531)], rps16 [complement(6408..6447)], trnG-GCC [10106..10128], trnG-GCC [10809..10856], atpF [complement(12800..13210)], atpF	rps16 [complement(5532..6407)], trnG-GCC [10129..10808], atpF [complement(13211..13905)], rpoC1 [complement(23567..24323)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13906..14049)], rpoC1 [complement(21947..23566)], rpoC1 [complement(24324..24776)], ycf3 [complement(44241..44393)], ycf3 [complement(45141..45370)], ycf3 [complement(46078..46201)], trnL-UAA [49079..49113], trnL-UAA [49590..49639], rps12 [141519..141750], rps12 [142287..142312], clpP [complement(72428..72655)], clpP [complement(73299..73590)], clpP [complement(74398..74468)], petB [77385..77390], petB [78101..78742], petD [78925..78932], petD [79671..80145], rpl16 [complement(83563..83961)], rpl16 [complement(84807..84815)], rpl2 [complement(86469..86902)], rpl2 [complement(87578..87968)], ndhB [complement(96742..97497)], ndhB [complement(98177..98953)], trnI-GAU [104228..104264], trnI-GAU [105212..105246], trnA-UGC [105311..105348], trnA-UGC [106160..106194], ndhA [complement(121257..121786)], ndhA [complement(122894..123449)], trnA-UGC [complement(135867..135901)], trnA-UGC [complement(136713..136750)], trnI-GAU [complement(136815..136849)], trnI-GAU [complement(137797..137833)], ndhB [143108..143884], ndhB [144564..145319], rpl2 [154093..154483], rpl2 [155159..155592]	[complement(44394..45140)], ycf3 [complement(45371..46077)], trnL-UAA [49114..49589], clpP [complement(72656..73298)], clpP [complement(73591..74397)], petB [77391..78100], petD [78933..79670], rpl16 [complement(83962..84806)], rpl2 [complement(86903..87577)], ndhB [complement(97498..98176)], trnI-GAU [104265..105211], trnA-UGC [105349..106159], ndhA [complement(121787..122893)], trnA-UGC [complement(135902..136712)], trnI-GAU [complement(136850..137796)], ndhB [143885..144563], rpl2 [154484..155158]
2439.	NOLG	66	rps12 [complement(99447..99481)], rps12 [complement(100018..100249)], rps12 [complement(71857..71970)], rps16 [complement(5304..5530)], rps16 [complement(6406..6445)], trnG-GCC [9743..9765], trnG-GCC [10442..10489], atpF [complement(12425..12835)], atpF [complement(13544..13687)], rpoC1 [complement(21584..23203)], rpoC1 [complement(23964..24416)], ycf3 [complement(43971..44123)], ycf3 [complement(44867..45096)], ycf3 [complement(45803..45926)], trnL-UAA [48795..48829], trnL-UAA [49304..49353], rps12 [140906..141137], rps12 [141674..141708], clpP [complement(72104..72331)], clpP [complement(72972..73263)], clpP [complement(74073..74143)], petB [77060..77065], petB [77771..78412], petD [78595..78602], petD [79336..79810], rpl16 [complement(83239..83637)], rpl16 [complement(84499..84507)], rpl2 [complement(86174..86607)], rpl2 [complement(87279..87669)], ndhB [complement(96444..97199)], ndhB [complement(97879..98655)], trnI-GAU [103935..103971], trnI-GAU	rps16 [complement(5531..6405)], trnG-GCC [9766..10441], atpF [complement(12836..13543)], rpoC1 [complement(23204..23963)], ycf3 [complement(44124..44866)], ycf3 [complement(45097..45802)], trnL-UAA [48830..49303], clpP [complement(72332..72971)], clpP [complement(73264..74072)], petB [77066..77770], petD [78603..79335], rpl16 [complement(83638..84498)], rpl2 [complement(86608..87278)], ndhB [complement(97200..97878)], trnI-GAU [103972..104918], trnA-UGC [105056..105866], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104919..104953], trnA-UGC [105018..105055], trnA-UGC [105867..105901], ndhA [complement(120664..121193)], ndhA [complement(122290..122845)], trnA-UGC [complement(135254..135288)], trnA-UGC [complement(136100..136137)], trnI-GAU [complement(136202..136236)], trnI-GAU [complement(137184..137220)], ndhB [142500..143276], ndhB [143956..144711], rpl2 [153486..153876], rpl2 [154548..154981]	[complement(121194..122289)], trnA-UGC [complement(135289..136099)], trnI-GAU [complement(136237..137183)], ndhB [143277..143955], rpl2 [153877..154547]
2440.	NOLN	34	rpl2 [507..906], rpl2 [1577..2007], atpF [complement(17540..17949)], atpF [complement(18714..18861)], rpoC1 [complement(25912..27570)], rpoC1 [complement(28235..28669)], trnV-UAC [complement(37702..37738)], trnV-UAC [complement(38281..38319)], accD [43478..43820], accD [44598..45184], petB [60660..60665], petB [61472..62113], rpl2 [complement(69759..70184)], rpl2 [complement(70858..71259)], ycf3 [75754..75879], ycf3 [76602..76832], ycf3 [77548..77703], trnA-UGC [complement(100636..100665)], trnA-UGC [complement(100702..100740)], ycf3 [complement(114963..115118)], ycf3 [complement(115834..116064)], ycf3 [complement(116784..116912)]	rpl2 [907..1576], atpF [complement(17950..18713)], rpoC1 [complement(27571..28234)], trnV-UAC [complement(37739..38280)], accD [43821..44597], petB [60666..61471], rpl2 [complement(70185..70857)], ycf3 [75880..76601], ycf3 [76833..77547], trnA-UGC [complement(100666..100701)], ycf3 [complement(115119..115833)], ycf3 [complement(116065..116783)]
2441.	NOLO	69	rps12 [complement(99737..99762)], rps12 [complement(100299..100530)], rps12 [complement(72171..72284)], trnK [1843..1877], trnK [4373..4409], rps16 [complement(5310..5536)], rps16 [complement(6413..6452)], trnG-GCC [10114..10136], trnG-GCC [10815..10862], atpF [complement(12799..13209)], atpF [complement(13902..14045)], rpoC1 [complement(21938..23557)], rpoC1 [complement(24315..24767)], ycf3 [complement(44236..44388)], ycf3 [complement(45135..45364)], ycf3 [complement(46074..46197)], trnL-UAA [49076..49110], trnL-UAA [49585..49634], rps12 [141463..141694], rps12 [142231..142256], clpP [complement(72418..72645)], clpP [complement(73289..73580)], clpP [complement(74390..74460)], petB [77377..77382], petB [78098..78739], petD [78922..78929], petD [79664..80138], rpl16 [complement(83561..83959)], rpl16 [complement(84800..84808)], rpl2 [complement(86466..86899)], rpl2 [complement(87575..87965)], ndhB [complement(96730..97485)], ndhB [complement(98165..98941)], trnI-GAU [104210..104246], trnI-GAU [105194..105228], trnA-UGC [105293..105330], trnA-UGC [106142..106176],	trnK [1878..4372], rps16 [complement(5537..6412)], trnG-GCC [10137..10814], atpF [complement(13210..13901)], rpoC1 [complement(23558..24314)], ycf3 [complement(44389..45134)], ycf3 [complement(45365..46073)], trnL-UAA [49111..49584], clpP [complement(72646..73288)], clpP [complement(73581..74389)], petB [77383..78097], petD [78930..79663], rpl16 [complement(83960..84799)], rpl2 [complement(86900..87574)], ndhB [complement(97486..98164)], trnI-GAU [104247..105193], trnA-UGC [105331..106141], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(121234..121763)], ndhA [complement(122871..123426)], trnA-UGC [complement(135817..135851)], trnA-UGC [complement(136663..136700)], trnI-GAU [complement(136765..136799)], trnI-GAU [complement(137747..137783)], ndhB [143052..143828], ndhB [144508..145263], rpl2 [154028..154418], rpl2 [155094..155527]	[complement(121764..122870)], trnA-UGC [complement(135852..136662)], trnI-GAU [complement(136800..137746)], ndhB [143829..144507], rpl2 [154419..155093]
2442.	NOMI	66	rps12 [complement(99449..99483)], rps12 [complement(100020..100251)], rps12 [complement(71856..71969)], rps16 [complement(5300..5526)], rps16 [complement(6412..6451)], trnG-GCC [9745..9767], trnG-GCC [10444..10491], atpF [complement(12428..12838)], atpF [complement(13547..13690)], rpoC1 [complement(21584..23203)], rpoC1 [complement(23962..24414)], ycf3 [complement(43967..44119)], ycf3 [complement(44863..45092)], ycf3 [complement(45800..45923)], trnL-UAA [48789..48823], trnL-UAA [49298..49347], rps12 [140888..141119], rps12 [141656..141690], clpP [complement(72103..72330)], clpP [complement(72971..73262)], clpP [complement(74071..74141)], petB [77058..77063], petB [77772..78413], petD [78596..78603], petD [79336..79810], rpl16 [complement(83239..83637)], rpl16 [complement(84499..84507)], rpl2 [complement(86176..86609)], rpl2 [complement(87281..87671)], ndhB [complement(96446..97201)], ndhB [complement(97881..98657)], trnI-GAU [103937..103973], trnI-GAU [104921..104955], trnA-UGC [105020..105057], trnA-UGC [105869..105903], ndhA [complement(120670..121199)], ndhA [complement(122296..122851)], trnA-UGC [complement(135236..135270)], trnA-UGC [complement(136082..136119)], trnI-GAU [complement(136184..136218)], trnI-GAU [complement(137166..137202)], ndhB [142482..143258], ndhB [143938..144693], rpl2 [153468..153858], rpl2 [154530..154963]	rps16 [complement(5527..6411)], trnG-GCC [9768..10443], atpF [complement(12839..13546)], rpoC1 [complement(23204..23961)], ycf3 [complement(44120..44862)], ycf3 [complement(45093..45799)], trnL-UAA [48824..49297], clpP [complement(72331..72970)], clpP [complement(73263..74070)], petB [77064..77771], petD [78604..79335], rpl16 [complement(83638..84498)], rpl2 [complement(86610..87280)], ndhB [complement(97202..97880)], trnI-GAU [103974..104920], trnA-UGC [105058..105868], ndhA [complement(121200..122295)], trnA-UGC [complement(135271..136081)], trnI-GAU [complement(136219..137165)], ndhB [143259..143937], rpl2 [153859..154529]
2443.	NOPE	66	rps12 [complement(99693..99718)], rps12 [complement(100255..100486)], rps12 [complement(72113..72226)], rps16 [complement(5303..5529)], rps16 [complement(6410..6449)], trnG-GCC [10019..10041], trnG-GCC [10720..10767], atpF [complement(12718..13128)], atpF [complement(13825..13968)], rpoC1 [complement(21863..23482)], rpoC1 [complement(24240..24692)], ycf3 [complement(44173..44325)], ycf3	rps16 [complement(5530..6409)], trnG-GCC [10042..10719], atpF [complement(13129..13824)], rpoC1 [complement(23483..24239)], ycf3 [complement(44326..45072)], ycf3 [complement(45303..46010)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45073..45302)], ycf3 [complement(46011..46134)], trnL-UAA [49021..49055], trnL-UAA [49530..49579], rps12 [141426..141657], rps12 [142194..142219], clpP [complement(72360..72587)], clpP [complement(73231..73522)], clpP [complement(74332..74402)], petB [77319..77324], petB [78032..78673], petD [78856..78863], petD [79598..80072], rpl16 [complement(83495..83893)], rpl16 [complement(84744..84752)], rpl2 [complement(86413..86846)], rpl2 [complement(87522..87912)], ndhB [complement(96686..97441)], ndhB [complement(98121..98897)], trnI-GAU [104173..104209], trnI-GAU [105157..105191], trnA-UGC [105256..105293], trnA-UGC [106105..106139], ndhA [complement(121191..121720)], ndhA [complement(122831..123386)], trnA-UGC [complement(135773..135807)], trnA-UGC [complement(136619..136656)], trnI-GAU [complement(136721..136755)], trnI-GAU [complement(137703..137739)], ndhB [143015..143791], ndhB [144471..145226], rpl2 [154000..154390], rpl2 [155066..155499]	[49056..49529], clpP [complement(72588..73230)], clpP [complement(73523..74331)], petB [77325..78031], petD [78864..79597], rpl16 [complement(83894..84743)], rpl2 [complement(86847..87521)], ndhB [complement(97442..98120)], trnI-GAU [104210..105156], trnA-UGC [105294..106104], ndhA [complement(121721..122830)], trnA-UGC [complement(135808..136618)], trnI-GAU [complement(136756..137702)], ndhB [143792..144470], rpl2 [154391..155065]
2444.	NOVE	66	rps12 [complement(99428..99462)], rps12 [complement(99999..100230)], rps12 [complement(71837..71950)], rps16 [complement(5303..5529)], rps16 [complement(6414..6453)], trnG-GCC [9746..9768], trnG-GCC [10445..10492], atpF [complement(12429..12839)], atpF [complement(13536..13679)], rpoC1 [complement(21573..23192)], rpoC1 [complement(23953..24405)], ycf3 [complement(43948..44100)], ycf3 [complement(44844..45073)], ycf3 [complement(45782..45905)], trnL-UAA [48773..48807], trnL-UAA [49282..49331], rps12 [140881..141112], rps12 [141649..141683], clpP [complement(72084..72311)], clpP [complement(72952..73243)], clpP [complement(74054..74124)], petB [77041..77046], petB [77753..78394], petD [78577..78584], petD [79317..79791], rpl16 [complement(83221..83619)], rpl16 [complement(84481..84489)], rpl2 [complement(86155..86588)], rpl2 [complement(87260..87650)], ndhB [complement(96425..97180)], ndhB [complement(97860..98636)], trnI-GAU [103916..103952], trnI-GAU [104900..104934], trnA-UGC [104999..105036], trnA-UGC [105848..105882], ndhA [complement(120645..121174)], ndhA [complement(122271..122826)],	rps16 [complement(5530..6413)], trnG-GCC [9769..10444], atpF [complement(12840..13535)], rpoC1 [complement(23193..23952)], ycf3 [complement(44101..44843)], ycf3 [complement(45074..45781)], trnL-UAA [48808..49281], clpP [complement(72312..72951)], clpP [complement(73244..74053)], petB [77047..77752], petD [78585..79316], rpl16 [complement(83620..84480)], rpl2 [complement(86589..87259)], ndhB [complement(97181..97859)], trnI-GAU [103953..104899], trnA-UGC [105037..105847], ndhA [complement(121175..122270)], trnA-UGC [complement(135264..136074)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(135229..135263)], trnA-UGC [complement(136075..136112)], trnI-GAU [complement(136177..136211)], trnI-GAU [complement(137159..137195)], ndhB [142475..143251], ndhB [143931..144686], rpl2 [153461..153851], rpl2 [154523..154956]	[complement(136212..137158)], ndhB [143252..143930], rpl2 [153852..154522]
2445.	NUAD	5	rps12 [complement(75793..75906)], rps12 [146920..146945]	trnK-UUU [complement(1562..4109)], rpl16 [complement(87869..88681)], ndhB [148561..149264]
2446.	NUJA	76	rps12 [complement(104366..104391)], rps12 [complement(104932..105163)], rps12 [complement(76059..76172)], trnH-GUG [complement(160753..160761)], trnH-GUG [complement(1..66)], trnK-UUU [complement(1755..1789)], trnK-UUU [complement(4339..4375)], rps16 [complement(5188..5414)], rps16 [complement(6242..6281)], trnG-UCC [10626..10648], trnG-UCC [11428..11475], atpF [complement(13410..13819)], atpF [complement(14584..14728)], rpoC1 [complement(22908..24536)], rpoC1 [complement(25281..25733)], ycf3 [complement(46301..46453)], ycf3 [complement(47278..47507)], ycf3 [complement(48237..48360)], trnL-UAA [51163..51198], trnL-UAA [51791..51840], trnV-UAC [complement(56632..56666)], trnV-UAC [complement(57246..57283)], rps12 [complement(76059..76172)], rps12 [146244..146475], rps12 [147016..147041], clpP [complement(76306..76551)], clpP [complement(77184..77475)], clpP [complement(78235..78305)], petB [81206..81211], petB [81989..82630], petD [82824..82831], petD [83477..84050], rpl16 [complement(87739..88137)], rpl16 [complement(88945..88953)], rpl2 [complement(90683..91113)], rpl2 [complement(91784..92174)], ndhB [complement(101290..102045)], ndhB [complement(102751..103527)], trnI-GAU [109057..109093], trnI-GAU [110048..110082], trnA-UGC [110146..110183], trnA-UGC [110985..111019], ndhA [complement(125993..126531)], ndhA [complement(127453..127999)], trnA-UGC [complement(140388..140422)], trnA-UGC [complement(141224..141261)], trnI-GAU [complement(141325..141359)], trnI-GAU [complement(142314..142350)], ndhB [147880..148656], ndhB [149362..150117], rpl2 [159233..159623], rpl2 [160294..160724]	trnH-GUG [complement(160762..0)], trnK-UUU [complement(1790..4338)], rps16 [complement(5415..6241)], trnG-UCC [10649..11427], atpF [complement(13820..14583)], rpoC1 [complement(24537..25280)], ycf3 [complement(46454..47277)], ycf3 [complement(47508..48236)], trnL-UAA [51199..51790], trnV-UAC [complement(56667..57245)], clpP [complement(76552..77183)], clpP [complement(77476..78234)], petB [81212..81988], petD [82832..83476], rpl16 [complement(88138..88944)], rpl2 [complement(91114..91783)], ndhB [complement(102046..102750)], trnI-GAU [109094..110047], trnA-UGC [110184..110984], ndhA [complement(126532..127452)], trnA-UGC [complement(140423..141223)], trnI-GAU [complement(141360..142313)], ndhB [148657..149361], rpl2 [159624..160293]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2447.	NULO	15	rps12 [complement(104853..105095)], rps12 [complement(75788..75901)], rps16 [complement(4946..5166)], rps16 [complement(5998..6034)], rps12 [146139..146381], petB [80941..80946], petB [81724..82365], petD [82559..82566], petD [83209..83785], rpl16 [complement(87467..87865)], rpl16 [complement(88679..88687)]	rps16 [complement(5167..5997)], petB [80947..81723], petD [82567..83208], rpl16 [complement(87866..88678)]
2448.	NUPU	14	rps12 [complement(104883..105125)], rps12 [complement(76002..76115)], rps16 [complement(5198..5418)], rps16 [complement(6246..6285)], petB [81152..81157], petB [81931..82572], petD [82766..82774], petD [83420..83992], rpl16 [complement(87715..88113)], rpl16 [complement(88910..88918)]	rps16 [complement(5419..6245)], petB [81158..81930], petD [82775..83419], rpl16 [complement(88114..88909)]
2449.	NUSH	18	rps12 [complement(104270..104295)], rps12 [complement(104836..105067)], rps12 [complement(75965..76078)], trnH-GUG [complement(160634..160645)], trnH-GUG [complement(1..63)], rps16 [complement(5204..5430)], rps16 [complement(6268..6298)], rps12 [complement(75965..76078)], rps12 [146130..146361], rps12 [146902..146927], petB [81112..81117], petB [81895..82536], rpl16 [complement(87659..88057)], rpl16 [complement(88858..88866)]	trnH-GUG [complement(160646..0)], rps16 [complement(5431..6267)], petB [81118..81894], rpl16 [complement(88058..88857)]
2450.	NYAL	2	rps12 [complement(75455..75568)], rps12 [146228..146253]	-
2451.	NYA M	73	rps12 [complement(103602..103627)], rps12 [complement(104168..104399)], rps12 [complement(75374..75487)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4440..4476)], rps16 [complement(5296..5516)], rps16 [complement(6364..6403)], trnG-UCC [10607..10629], trnG-UCC [11382..11429], atpF [complement(13367..13776)], atpF [complement(14513..14657)], rpoC1 [complement(22810..24432)], rpoC1 [complement(25204..25635)], ycf3 [complement(45895..46047)], ycf3 [complement(46844..47073)], ycf3 [complement(47841..47964)], trnL-UAA [50660..50695], trnL-UAA [51251..51300], trnV-UAC [complement(56080..56114)], trnV-UAC [complement(56698..56735)], rps12 [complement(75374..75487)], rps12 [145408..145639], rps12 [146180..146205], clpP [complement(75605..75848)], clpP [complement(76484..76777)], clpP [complement(77562..77632)], petB [80537..80542], petB [81360..82001], petD [82207..82212], petD	trnK-UUU [complement(1861..4439)], rps16 [complement(5517..6363)], trnG-UCC [10630..11381], atpF [complement(13777..14512)], rpoC1 [complement(24433..25203)], ycf3 [complement(46048..46843)], ycf3 [complement(47074..47840)], trnL-UAA [50696..51250], trnV-UAC [complement(56115..56697)], clpP [complement(75849..76483)], clpP [complement(76778..77561)], petB [80543..81359], petD [82213..82846], rpl16 [complement(87440..88243)], rpl2 [complement(90392..91058)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[82847..83353], rpl16 [complement(87041..87439)], rpl16 [complement(88244..88252)], rpl2 [complement(89961..90391)], rpl2 [complement(91059..91452)], ndhB [complement(100513..101268)], ndhB [complement(101974..102750)], trnI-GAU [108275..108311], trnI-GAU [109261..109295], trnA-UGC [109359..109396], trnA-UGC [110077..110111], ndhA [complement(124994..125532)], ndhA [complement(126463..127009)], trnA-UGC [complement(139696..139730)], trnA-UGC [complement(140411..140448)], trnI-GAU [complement(140512..140546)], trnI-GAU [complement(141496..141532)], ndhB [147057..147833], ndhB [148539..149294], rpl2 [158355..158745], rpl2 [159416..159846]	[complement(101269..101973)], trnI-GAU [108312..109260], trnA-UGC [109397..110076], ndhA [complement(125533..126462)], trnA-UGC [complement(139731..140410)], trnI-GAU [complement(140547..141495)], ndhB [147834..148538], rpl2 [158746..159415]
2452.	NYAR	69	rps19 [155563..155565], rps19 [1..276], rpl16 [1605..1613], rpl16 [2491..2889], petD [complement(6295..6769)], petD [complement(7501..7508)], petB [complement(7691..8332)], petB [complement(9055..9060)], clpP [11955..12025], clpP [12837..13128], clpP [13772..13999], rps12 [14133..14246], rps12 [141470..141701], rps12 [142238..142263], rps12 [complement(100324..100555)], rps12 [complement(99762..99787)], trnL-UAA [complement(36949..36998)], trnL-UAA [complement(37465..37499)], ycf3 [40318..40441], ycf3 [41172..41401], ycf3 [42146..42298], rpoC1 [61612..62064], rpoC1 [62822..64429], atpF [72350..72493], atpF [73196..73606], trnG-GCC [complement(75554..75601)], trnG-GCC [complement(76284..76306)], rps16 [80022..80061], rps16 [80930..81156], rpl2 [complement(86518..86951)], rpl2 [complement(87629..88019)], ndhB [complement(96755..97510)], ndhB [complement(98190..98966)], trnI-GAU [104227..104263], trnI-GAU [105213..105247], trnA-UGC [105312..105349], trnA-UGC [106164..106198], ndhA [complement(121274..121803)], ndhA [complement(122904..123459)], trnA-UGC [complement(135827..135861)], trnA-UGC [complement(136676..136713)], trnI-GAU [complement(136778..136812)], trnI-GAU [complement(137762..137798)], ndhB [143059..143835], ndhB [144515..145270], rpl2 [154006..154396], rpl2 [155074..155507]	rps19 [155566..0], rpl16 [1614..2490], petD [complement(6770..7500)], petB [complement(8333..9054)], clpP [12026..12836], clpP [13129..13771], trnL-UAA [complement(36999..37464)], ycf3 [40442..41171], ycf3 [41402..42145], rpoC1 [62065..62821], atpF [72494..73195], trnG-GCC [complement(75602..76283)], rps16 [80062..80929], rpl2 [complement(86952..87628)], ndhB [complement(97511..98189)], trnI-GAU [104264..105212], trnA-UGC [105350..106163], ndhA [complement(121804..122903)], trnA-UGC [complement(135862..136675)], trnI-GAU [complement(136813..137761)], ndhB [143836..144514], rpl2 [154397..155073]
2453.	NYCA	73	rps12 [complement(103751..103776)], rps12 [complement(104317..104548)], rps12 [complement(75515..75628)], trnK-UUU [complement(1943..1977)],	trnK-UUU [complement(1978..4561)], rps16 [complement(5638..6485)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4562..4598)], rps16 [complement(5417..5637)], rps16 [complement(6486..6525)], trnG-UCC [10703..10725], trnG-UCC [11473..11520], atpF [complement(13458..13867)], atpF [complement(14610..14754)], rpoC1 [complement(22915..24537)], rpoC1 [complement(25287..25739)], ycf3 [complement(46019..46171)], ycf3 [complement(46968..47197)], ycf3 [complement(47944..48067)], trnL-UAA [50763..50797], trnL-UAA [51333..51382], trnV-UAC [complement(56144..56178)], trnV-UAC [complement(56762..56799)], rps12 [complement(75515..75628)], rps12 [145475..145706], rps12 [146247..146272], clpP [complement(75746..75991)], clpP [complement(76627..76918)], clpP [complement(77700..77770)], petB [80651..80656], petB [81490..82131], petD [82348..82355], petD [82990..83494], rpl16 [complement(87181..87579)], rpl16 [complement(88378..88386)], rpl2 [complement(90112..90542)], rpl2 [complement(91210..91603)], ndhB [complement(100670..101425)], ndhB [complement(102131..102907)], trnI-GAU [108438..108479], trnI-GAU [109424..109458], trnA-UGC [109522..109559], trnA-UGC [110241..110275], ndhA [complement(125106..125644)], ndhA [complement(126575..127121)], trnA-UGC [complement(139748..139782)], trnA-UGC [complement(140464..140501)], trnI-GAU [complement(140565..140599)], trnI-GAU [complement(141544..141585)], ndhB [147116..147892], ndhB [148598..149353], rpl2 [158420..158810], rpl2 [159481..159911]	[10726..11472], atpF [complement(13868..14609)], rpoC1 [complement(24538..25286)], ycf3 [complement(46172..46967)], ycf3 [complement(47198..47943)], trnL-UAA [50798..51332], trnV-UAC [complement(56179..56761)], clpP [complement(75992..76626)], clpP [complement(76919..77699)], petB [80657..81489], petD [82356..82989], rpl16 [complement(87580..88377)], rpl2 [complement(90543..91209)], ndhB [complement(101426..102130)], trnI-GAU [108480..109423], trnA-UGC [109560..110240], ndhA [complement(125645..126574)], trnA-UGC [complement(139783..140463)], trnI-GAU [complement(140600..141543)], ndhB [147893..148597], rpl2 [158811..159480]
2454.	NYCE	19	rps12 [complement(96680..96703)], rps12 [complement(97239..97472)], rps12 [complement(69520..69633)], trnG-UCC [9006..9027], trnG-UCC [9709..9755], trnL-UAA [47348..47384], trnL-UAA [47885..47934], trnV-UAC [complement(51294..51330)], trnV-UAC [complement(51896..51933)], rps12 [138851..139082], rps12 [139618..139643], petB [74564..74565], petB [75463..76105]	rps16 [complement(5318..6169)], trnG-UCC [9028..9708], atpF [complement(12315..12992)], trnL-UAA [47385..47884], trnV-UAC [complement(51331..51895)], petB [74566..75462]
2455.	NYCO	19	rps12 [complement(96482..96505)], rps12 [complement(97041..97274)], rps12 [complement(69307..69420)], trnK-UUU [complement(4352..4388)], trnG-UCC [8961..8983], trnG-UCC [9663..9697], trnL-UAA [47234..47270], trnL-UAA [47770..47819], trnV-UAC [complement(51137..51173)], trnV-	trnK-UUU [complement(1860..4351)], trnG-UCC [8984..9662], trnL-UAA [47271..47769], trnV-UAC [complement(51174..51743)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(51744..51781)], rps12 [138698..138931], rps12 [139467..139490], petB [74356..74357], petB [75260..75902]	[74358..75259]
2456.	NYCP	22	rps12 [140271..140296]	trnK-UUU [complement(1632..4184)], rps16 [complement(4878..5766)], trnG-UCC [9018..9739], atpF [complement(12187..12988)], rpoC1 [complement(22367..23135)], ycf3 [complement(43444..44220)], ycf3 [complement(44451..45245)], trnL-UAA [48355..48928], trnV-UAC [complement(52907..53515)], clpP [complement(70487..71093)], clpP [complement(71386..72217)], petB [75165..75977], petD [76832..77609], rpl16 [complement(81969..82867)], ndhB [complement(94888..95554)], trnI-GAU [101621..102564], trnA-UGC [102708..103537], ndhA [complement(119971..121004)], trnA-UGC [complement(133923..134752)], trnI-GAU [complement(134896..135839)], ndhB [141906..142572]
2457.	NYCR	25	rps12 [complement(96757..96780)], rps12 [complement(97316..97549)], rps12 [complement(69520..69633)], trnK-UUU [complement(4385..4421)], trnG-UCC [8920..8942], trnG-UCC [9621..9667], trnL-UAA [47340..47376], trnL-UAA [47877..47926], ndhK [complement(49400..50104)], ndhK [complement(50083..50250)], trnV-UAC [complement(51236..51272)], trnV-UAC [complement(51844..51881)], rps12 [138919..139152], rps12 [139688..139711], petB [74562..74563], petB [75505..76147], trnI-GAU [101518..101559], trnI-GAU [102496..102530]	trnK-UUU [complement(1884..4384)], trnG-UCC [8943..9620], trnL-UAA [47377..47876], ndhK [complement(50105..50082)], trnV-UAC [complement(51273..51843)], petB [74564..75504], trnI-GAU [101560..102495]
2458.	NYFR	73	rps12 [complement(100793..100818)], rps12 [complement(101365..101593)], rps12 [complement(72015..72131)], trnK-UUU [complement(1524..1558)],	trnK-UUU [complement(1559..4186)], rps16 [complement(5191..6072)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4187..4223)], rps16 [complement(4970..5190)], rps16 [complement(6073..6112)], trnG-GCC [9534..9556], trnG-GCC [10223..10270], atpF [complement(12225..12635)], atpF [complement(13440..13583)], rpoC1 [complement(21430..23050)], rpoC1 [complement(23802..24229)], ycf3 [complement(43476..43636)], ycf3 [complement(44369..44596)], ycf3 [complement(45313..45436)], trnL-UAA [48320..48354], trnL-UAA [48876..48925], trnV-UAC [complement(53696..53732)], trnV-UAC [complement(54320..54358)], rps12 [complement(72015..72131)], rps12 [143295..143523], rps12 [144070..144095], clpP [complement(72262..72513)], clpP [complement(73172..73463)], clpP [complement(74274..74344)], petB [77259..77264], petB [78046..78693], petD [78907..78914], petD [79653..80166], rpl16 [complement(83651..84049)], rpl16 [complement(85181..85189)], rpl2 [complement(87068..87499)], rpl2 [complement(88162..88551)], ndhB [complement(97720..98475)], ndhB [complement(99179..99955)], trnI-GAU [105593..105634], trnI-GAU [106572..106606], trnA-UGC [106671..106708], trnA-UGC [107510..107544], ndhA [complement(122977..123515)], ndhA [complement(124612..125164)], trnA-UGC [complement(137483..137517)], trnA-UGC [complement(138319..138356)], trnI-GAU [complement(138421..138455)], trnI-GAU [complement(139393..139434)], ndhB [144933..145709], ndhB [146413..147168], rpl2 [156339..156727], rpl2 [157390..157820]	[9557..10222], atpF [complement(12636..13439)], rpoC1 [complement(23051..23801)], ycf3 [complement(43637..44368)], ycf3 [complement(44597..45312)], trnL-UAA [48355..48875], trnV-UAC [complement(53733..54319)], clpP [complement(72514..73171)], clpP [complement(73464..74273)], petB [77265..78045], petD [78915..79652], rpl16 [complement(84050..85180)], rpl2 [complement(87500..88161)], ndhB [complement(98476..99178)], trnI-GAU [105635..106571], trnA-UGC [106709..107509], ndhA [complement(123516..124611)], trnA-UGC [complement(137518..138318)], trnI-GAU [complement(138456..139392)], ndhB [145710..146412], rpl2 [156728..157389]
2459.	NYHY	18	rps12 [complement(96696..96719)], rps12 [complement(97255..97488)], rps12 [complement(69467..69580)], trnG-UCC [8975..8997], trnG-UCC [9699..9745], trnL-UAA [47304..47340], trnL-UAA [47841..47890], trnV-UAC [complement(51209..51245)], trnV-UAC [complement(51818..51855)], rps12 [138831..139064], rps12 [139600..139623], petB [74547..74548], petB [75446..76088]	rps16 [complement(5296..6149)], trnG-UCC [8998..9698], trnL-UAA [47341..47840], trnV-UAC [complement(51246..51817)], petB [74549..75445]
2460.	NYJA	73	rps12 [complement(103021..103046)], rps12 [complement(103587..103818)], rps12 [complement(74911..75024)], trnK-UUU [complement(1854..1888)], trnK-UUU [complement(4447..4483)], rps16 [complement(5280..5500)], rps16 [complement(6366..6405)], trnG-UCC [10527..10549], trnG-UCC	trnK-UUU [complement(1889..4446)], rps16 [complement(5501..6365)], trnG-UCC [10550..11295], atpF [complement(13683..14412)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[11296..11343], atpF [complement(13273..13682)], atpF [complement(14413..14557)], rpoC1 [complement(22693..24312)], rpoC1 [complement(25113..25544)], ycf3 [complement(45532..45684)], ycf3 [complement(46510..46739)], ycf3 [complement(47480..47603)], trnL-UAA [50316..50350], trnL-UAA [50894..50943], trnV-UAC [complement(55676..55710)], trnV-UAC [complement(56298..56335)], rps12 [complement(74911..75024)], rps12 [144536..144767], rps12 [145308..145333], clpP [complement(75158..75403)], clpP [complement(76019..76310)], clpP [complement(77068..77138)], petB [80018..80023], petB [80817..81458], petD [81656..81661], petD [82282..82788], rpl16 [complement(86492..86890)], rpl16 [complement(87678..87686)], rpl2 [complement(89383..89813)], rpl2 [complement(90481..90874)], ndhB [complement(99945..100700)], ndhB [complement(101406..102182)], trnI-GAU [107685..107726], trnI-GAU [108673..108707], trnA-UGC [108771..108808], trnA-UGC [109489..109528], ndhA [complement(124255..124793)], ndhA [complement(125716..126262)], trnA-UGC [complement(138826..138865)], trnA-UGC [complement(139546..139583)], trnI-GAU [complement(139647..139681)], trnI-GAU [complement(140628..140669)], ndhB [146172..146948], ndhB [147654..148409], rpl2 [157465..157858], rpl2 [158526..158956]</p>	<p>[complement(24313..25112)], ycf3 [complement(45685..46509)], ycf3 [complement(46740..47479)], trnL-UAA [50351..50893], trnV-UAC [complement(55711..56297)], clpP [complement(75404..76018)], clpP [complement(76311..77067)], petB [80024..80816], petD [81662..82281], rpl16 [complement(86891..87677)], rpl2 [complement(89814..90480)], ndhB [complement(100701..101405)], trnI-GAU [107727..108672], trnA-UGC [108809..109488], ndhA [complement(124794..125715)], trnA-UGC [complement(138866..139545)], trnI-GAU [complement(139682..140627)], ndhB [146949..147653], rpl2 [157859..158525]</p>
2461.	NYLO	73	<p>rps12 [complement(103268..103293)], rps12 [complement(103834..104065)], rps12 [complement(75098..75211)], trnK-UUU [complement(1856..1890)], trnK-UUU [complement(4452..4488)], rps16 [complement(5291..5511)], rps16 [complement(6357..6396)], trnG-UCC [10516..10538], trnG-UCC [11285..11332], atpF [complement(13267..13676)], atpF [complement(14426..14570)], rpoC1 [complement(22710..24332)], rpoC1 [complement(25067..25519)], ycf3 [complement(45685..45837)], ycf3 [complement(46627..46856)], ycf3 [complement(47594..47717)], trnL-UAA [50394..50428], trnL-UAA [50977..51026], trnV-UAC [complement(55789..55823)], trnV-UAC [complement(56407..56444)], rps12 [complement(75098..75211)], rps12 [144857..145088], rps12 [145629..145654], clpP [complement(75357..75602)], clpP</p>	<p>trnK-UUU [complement(1891..4451)], rps16 [complement(5512..6356)], trnG-UCC [10539..11284], atpF [complement(13677..14425)], rpoC1 [complement(24333..25066)], ycf3 [complement(45838..46626)], ycf3 [complement(46857..47593)], trnL-UAA [50429..50976], trnV-UAC [complement(55824..56406)], clpP [complement(75603..76245)], clpP [complement(76538..77296)], petB [80259..81050], petD [81900..82542], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(76246..76537)], clpP [complement(77297..77367)], petB [80253..80258], petB [81051..81692], petD [81892..81899], petD [82543..83047], rpl16 [complement(86732..87130)], rpl16 [complement(87923..87931)], rpl2 [complement(89640..90070)], rpl2 [complement(90738..91131)], ndhB [complement(100192..100947)], ndhB [complement(101653..102429)], trnI-GAU [107954..107995], trnI-GAU [108945..108979], trnA-UGC [109043..109080], trnA-UGC [109768..109802], ndhA [complement(124605..125143)], ndhA [complement(126065..126611)], trnA-UGC [complement(139120..139154)], trnA-UGC [complement(139842..139879)], trnI-GAU [complement(139943..139977)], trnI-GAU [complement(140927..140968)], ndhB [146493..147269], ndhB [147975..148730], rpl2 [157791..158181], rpl2 [158852..159282]	[complement(87131..87922)], rpl2 [complement(90071..90737)], ndhB [complement(100948..101652)], trnI-GAU [107996..108944], trnA-UGC [109081..109767], ndhA [complement(125144..126064)], trnA-UGC [complement(139155..139841)], trnI-GAU [complement(139978..140926)], ndhB [147270..147974], rpl2 [158182..158851]
2462.	NYM E	73	rps12 [complement(103703..103728)], rps12 [complement(104269..104500)], rps12 [complement(75445..75558)], trnK-UUU [complement(1878..1912)], trnK-UUU [complement(4477..4513)], rps16 [complement(5317..5535)], rps16 [complement(6392..6430)], trnG [10609..10631], trnG [11378..11425], atpF [complement(13363..13770)], atpF [complement(14496..14654)], rpoC1 [complement(22818..24449)], rpoC1 [complement(25175..25609)], ycf3 [complement(45973..46125)], ycf3 [complement(46921..47148)], ycf3 [complement(47913..48038)], trnL-UAA [50776..50812], trnL-UAA [51331..51380], trnV-UAC [complement(56133..56169)], trnV-UAC [complement(56756..56793)], rps12 [complement(75445..75558)], rps12 [145482..145713], rps12 [146254..146279], clpP [complement(75692..75937)], clpP [complement(76567..76857)], clpP [complement(77630..77698)], petB [80584..80589], petB [81375..82031], petD [82236..82244], petD [82833..83387], rpl16 [complement(87083..87484)], rpl16 [complement(88283..88291)], rpl2 [complement(90055..90486)], rpl2 [complement(91157..91546)], ndhB [complement(100627..101382)], ndhB [complement(102088..102864)], trnI-GAU [108371..108412], trnI-GAU [109361..109395], trnA-UGC [109459..109496], trnA-UGC [110178..110212], ndhA [complement(125075..125614)], ndhA [complement(126549..127094)], trnA-UGC [complement(139770..139804)], trnA-UGC	trnK-UUU [complement(1913..4476)], rps16 [complement(5536..6391)], trnG [10632..11377], atpF [complement(13771..14495)], rpoC1 [complement(24450..25174)], ycf3 [complement(46126..46920)], ycf3 [complement(47149..47912)], trnL-UAA [50813..51330], trnV-UAC [complement(56170..56755)], clpP [complement(75938..76566)], clpP [complement(76858..77629)], petB [80590..81374], petD [82245..82832], rpl16 [complement(87485..88282)], rpl2 [complement(90487..91156)], ndhB [complement(101383..102087)], trnI-GAU [108413..109360], trnA-UGC [109497..110177], ndhA [complement(125615..126548)], trnA-UGC [complement(139805..140485)], trnI-GAU [complement(140622..141569)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(140486..140523)], trnI-GAU [complement(140587..140621)], trnI-GAU [complement(141570..141611)], ndhB [147118..147894], ndhB [148600..149355], rpl2 [158436..158825], rpl2 [159496..159927]	[147895..148599], rpl2 [158826..159495]
2463.	NYO G	72	rps12 [complement(99550..99575)], rps12 [complement(100121..100352)], rps12 [complement(71542..71655)], trnK-UUU [complement(1732..1766)], trnK-UUU [complement(4270..4306)], rps16 [complement(5158..5382)], rps16 [complement(6259..6297)], trnG-UCC [9501..9523], trnG-UCC [10205..10252], atpF [complement(12189..12596)], atpF [complement(13307..13465)], rpoC1 [complement(21247..22872)], rpoC1 [complement(23619..24053)], ycf3 [complement(43690..43842)], ycf3 [complement(44576..44803)], ycf3 [complement(45527..45652)], trnL-UAA [48835..48869], trnL-UAA [49388..49437], trnV-UAC [complement(52613..52649)], trnV-UAC [complement(53223..53261)], rps12 [142352..142583], rps12 [143129..143154], clpP [complement(71794..72021)], clpP [complement(72681..72971)], clpP [complement(73774..73842)], petB [76748..76753], petB [77521..78162], petD [78368..78375], petD [79136..79610], rpl16 [complement(83093..83494)], rpl16 [complement(84557..84565)], rpl2 [complement(86238..86672)], rpl2 [complement(87335..87727)], ndhB [complement(96494..97249)], ndhB [complement(97929..98705)], trnI-GAU [104296..104337], trnI-GAU [105279..105313], trnA-UGC [105378..105415], trnA-UGC [106223..106257], ndhA [complement(121795..122334)], ndhA [complement(123436..123987)], trnA-UGC [complement(136447..136481)], trnA-UGC [complement(137289..137326)], trnI-GAU [complement(137391..137425)], trnI-GAU [complement(138367..138408)], ndhB [143999..144775], ndhB [145455..146210], rpl2 [154977..155366], rpl2 [156032..156466]	trnK-UUU [complement(1767..4269)], rps16 [complement(5383..6258)], trnG-UCC [9524..10204], atpF [complement(12597..13306)], rpoC1 [complement(22873..23618)], ycf3 [complement(43843..44575)], ycf3 [complement(44804..45526)], trnL-UAA [48870..49387], trnV-UAC [complement(52650..53222)], clpP [complement(72022..72680)], clpP [complement(72972..73773)], petB [76754..77520], petD [78376..79135], rpl16 [complement(83495..84556)], rpl2 [complement(86673..87334)], ndhB [complement(97250..97928)], trnI-GAU [104338..105278], trnA-UGC [105416..106222], ndhA [complement(122335..123435)], trnA-UGC [complement(136482..137288)], trnI-GAU [complement(137426..138366)], ndhB [144776..145454], rpl2 [155367..156031]
2464.	NYSI	17	rps12 [complement(96613..96636)], rps12 [complement(97172..97405)], rps12 [complement(69400..69513)], trnG-UCC [8938..8960], trnG-UCC [9636..9682], trnL-UAA [47221..47257], trnL-UAA [47757..47806], trnV-UAC [complement(51151..51187)], trnV-UAC [complement(51760..51797)], rps12 [138741..138974], rps12 [139510..139533], petB [74460..74461], petB [75347..75989]	trnG-UCC [8961..9635], trnL-UAA [47258..47756], trnV-UAC [complement(51188..51759)], petB [74462..75346]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2465.	NYYU	67	rps12 [complement(99488..99513)], rps12 [complement(100059..100290)], rps12 [complement(71482..71595)], trnK-UUU [complement(1727..1761)], trnK-UUU [complement(4267..4303)], rps16 [complement(5155..5378)], rps16 [complement(6248..6296)], trnG-UCC [9441..9463], trnG-UCC [10145..10192], atpF [complement(12132..12541)], atpF [complement(13261..13408)], rpoC1 [complement(21189..22805)], rpoC1 [complement(23564..23995)], ycf3 [complement(43632..43784)], ycf3 [complement(44519..44748)], ycf3 [complement(45465..45591)], trnL-UAA [48774..48808], trnL-UAA [49326..49375], trnV-UAC [52554..52588], trnV-UAC [53164..53202], clpP [complement(71734..71959)], clpP [complement(72619..72911)], clpP [complement(73713..73781)], petB [76687..76692], petB [77433..78101], petD [78307..78314], petD [79075..79549], rpl16 [complement(83029..83430)], rpl16 [complement(84495..84503)], rpl2 [complement(86176..86609)], rpl2 [complement(87275..87665)], ndhB [complement(96432..97189)], ndhB [complement(97866..98643)], trnI-GAU [104234..104271], trnI-GAU [105237..105252], trnA-UGC [105316..105353], trnA-UGC [106161..106195], ndhA [118657..119208], ndhA [120317..120856], trnI-GAU [137350..137384], trnI-GAU [138331..138367], ndhB [143958..144732], ndhB [145412..146169], rpl2 [154936..155326], rpl2 [155995..156425]	trnK-UUU [complement(1762..4266)], rps16 [complement(5379..6247)], trnG-UCC [9464..10144], atpF [complement(12542..13260)], rpoC1 [complement(22806..23563)], ycf3 [complement(43785..44518)], ycf3 [complement(44749..45464)], trnL-UAA [48809..49325], trnV-UAC [52589..53163], clpP [complement(71960..72618)], clpP [complement(72912..73712)], petB [76693..77432], petD [78315..79074], rpl16 [complement(83431..84494)], rpl2 [complement(86610..87274)], ndhB [complement(97190..97865)], trnI-GAU [104272..105236], trnA-UGC [105354..106160], ndhA [119209..120316], trnI-GAU [137385..138330], ndhB [144733..145411], rpl2 [155327..155994]
2466.	OBJA	63	rps12 [complement(95335..95360)], rps12 [complement(95902..96133)], rps12 [complement(67169..67282)], trnK-UUU [complement(1332..1366)], trnK-UUU [complement(4270..4306)], rps16 [complement(4789..5015)], rps16 [complement(5882..5921)], trnG-GCC [8194..8216], trnG-GCC [8924..8972], atpF [complement(10919..11329)], atpF [complement(12229..12372)], rpoC1 [complement(19986..21593)], rpoC1 [complement(22372..22803)], ycf3 [complement(41653..41805)], ycf3 [complement(42538..42767)], ycf3 [complement(43482..43605)], trnL-UAA [45979..46013], trnL-UAA [46585..46634], trnV-UAC [complement(48694..48730)], trnV-UAC [complement(49291..49329)], rps12 [128533..128764], rps12 [129306..129331], clpP [complement(67416..67667)], clpP [complement(68345..68636)], clpP [complement(69499..69569)], petB	trnK-UUU [complement(1367..4269)], rps16 [complement(5016..5881)], trnG-GCC [8217..8923], atpF [complement(11330..12228)], rpoC1 [complement(21594..22371)], ycf3 [complement(41806..42537)], ycf3 [complement(42768..43481)], trnL-UAA [46014..46584], trnV-UAC [complement(48731..49290)], clpP [complement(67668..68344)], clpP [complement(68637..69498)], petB [72893..73648], petD [74500..75315], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72887..72892], petB [73649..74290], petD [74492..74499], petD [75316..75799], rpl16 [complement(79230..79628)], rpl16 [complement(80642..80650)], rpl2 [complement(82621..83051)], rpl2 [complement(83715..84108)], trnI-GAU [100087..100128], trnI-GAU [101060..101094], trnA-UGC [101159..101196], trnA-UGC [105632..105666], trnA-UGC [complement(122638..122672)], trnA-UGC [complement(123470..123507)], trnI-GAU [complement(123572..123606)], trnI-GAU [complement(124538..124579)], rpl2 [140558..140951], rpl2 [141615..142045]	[complement(79629..80641)], rpl2 [complement(83052..83714)], trnI-GAU [100129..101059], trnA-UGC [101197..105631], trnA-UGC [complement(122673..123469)], trnI-GAU [complement(123607..124537)], rpl2 [140952..141614]
2467.	OCBA	69	rps12 [complement(96678..96703)], rps12 [complement(97240..97471)], rps12 [complement(69278..69391)], trnK-UUU [complement(1675..1709)], trnK-UUU [complement(4215..4251)], rps16 [complement(4789..5021)], rps16 [complement(5876..5915)], trnG-UCC [8949..8971], trnG-UCC [9661..9708], atpF [complement(11701..12110)], atpF [complement(12796..12940)], rpoC1 [complement(20716..22326)], rpoC1 [complement(23114..23566)], ycf3 [complement(41995..42147)], ycf3 [complement(42891..43120)], ycf3 [complement(43839..43962)], trnL-UAA [46949..46983], trnL-UAA [47459..47508], trnV-UAC [complement(51142..51176)], trnV-UAC [complement(51756..51793)], rps12 [138346..138577], rps12 [139114..139139], clpP [complement(69532..69759)], clpP [complement(70395..70686)], clpP [complement(71377..71447)], petB [74376..74381], petB [75104..75745], petD [75934..75941], petD [76666..77140], rpl16 [complement(80561..80959)], rpl16 [complement(81818..81826)], rpl2 [complement(83517..83950)], rpl2 [complement(84605..84995)], ndhB [complement(93696..94451)], ndhB [complement(95127..95903)], trnI-GAU [101214..101250], trnI-GAU [102197..102231], trnA-UGC [102296..102333], trnA-UGC [103140..103174], ndhA [complement(118144..118682)], ndhA [complement(119689..120241)], trnA-UGC [complement(132643..132677)], trnA-UGC [complement(133484..133521)], trnI-GAU [complement(133586..133620)], trnI-GAU [complement(134567..134603)], ndhB [139914..140690], ndhB [141366..142121]	trnK-UUU [complement(1710..4214)], rps16 [complement(5022..5875)], trnG-UCC [8972..9660], atpF [complement(12111..12795)], rpoC1 [complement(22327..23113)], ycf3 [complement(42148..42890)], ycf3 [complement(43121..43838)], trnL-UAA [46984..47458], trnV-UAC [complement(51177..51755)], clpP [complement(69760..70394)], clpP [complement(70687..71376)], petB [74382..75103], petD [75942..76665], rpl16 [complement(80960..81817)], rpl2 [complement(83951..84604)], ndhB [complement(94452..95126)], trnI-GAU [101251..102196], trnA-UGC [102334..103139], ndhA [complement(118683..119688)], trnA-UGC [complement(132678..133483)], trnI-GAU [complement(133621..134566)], ndhB [140691..141365]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2468.	OCTE	49	rps12 [complement(96598..96840)], rps12 [complement(68682..68807)], atpF [complement(11235..11645)], atpF [complement(12332..12475)], rpoC1 [complement(20265..21884)], rpoC1 [complement(22650..23084)], ycf3 [complement(41495..41647)], ycf3 [complement(42382..42609)], ycf3 [complement(43319..43444)], trnL-UAA [46434..46470], trnL-UAA [46939..46988], trnV-UAC [complement(50620..50656)], trnV-UAC [complement(51233..51270)], rps12 [137669..137911], clpP [complement(68923..69159)], clpP [complement(69788..70078)], clpP [complement(70773..70841)], rpl2 [complement(82883..83317)], rpl2 [complement(83963..84361)], ndhB [complement(93065..93820)], ndhB [complement(94496..95272)], trnI-GAU [100573..100614], trnI-GAU [101555..101589], trnA-UGC [101654..101691], trnA-UGC [102497..102531], ndhA [complement(117448..117987)], ndhA [complement(119011..119562)], trnA-UGC [complement(131978..132012)], trnA-UGC [complement(132818..132855)], trnI-GAU [complement(132920..132954)], trnI-GAU [complement(133895..133936)], ndhB [139237..140013], ndhB [140689..141444]	atpF [complement(11646..12331)], rpoC1 [complement(21885..22649)], ycf3 [complement(41648..42381)], ycf3 [complement(42610..43318)], trnL-UAA [46471..46938], trnV-UAC [complement(50657..51232)], clpP [complement(69160..69787)], clpP [complement(70079..70772)], rpl2 [complement(83318..83962)], ndhB [complement(93821..94495)], trnI-GAU [100615..101554], trnA-UGC [101692..102496], ndhA [complement(117988..119010)], trnA-UGC [complement(132013..132817)], trnI-GAU [complement(132955..133894)], ndhB [140014..140688]
2469.	OEAR	25	rps12 [complement(74684..74797)], trnK-UUU [complement(1566..1600)], trnK-UUU [complement(4072..4108)], rps12 [150437..150462]	trnK-UUU [complement(1601..4071)], rps16 [complement(5094..5947)], trnV-UAC [11411..12010], trnL-UAA [complement(16230..16745)], ycf3 [20282..21001], ycf3 [21232..22006], rpoC1 [42488..43222], atpF [52866..53628], trnG-UCC [complement(56150..56947)], petB [78987..79734], petD [80583..81343], rpl16 [complement(85850..86928)], rpl2 [complement(89123..89790)], ndhB [complement(100810..101489)], trnI-GAU [108410..109355], trnA-UGC [109493..110291], ndhA [complement(125140..126206)], trnA-UGC [complement(143284..144082)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(144220..145165)], ndhB [152086..152765], rpl2 [163785..164452]
2470.	OEBI	23	rps12 [complement(75162..75275)], rps12 [150400..150425]	trnK-UUU [complement(1612..4083)], rps16 [complement(5152..6010)], trnV-UAC [11857..12457], trnL-UAA [complement(16693..17212)], ycf3 [20700..21418], ycf3 [21649..22424], rpoC1 [42889..43623], atpF [53247..54003], trnG-UCC [complement(56546..57343)], petB [79430..80200], petD [81049..81803], rpl16 [complement(86304..87380)], rpl2 [complement(89572..90239)], ndhB [complement(101044..101723)], trnI-GAU [108560..109505], trnA-UGC [109643..110441], ndhA [complement(125238..126281)], trnA-UGC [complement(143331..144129)], trnI-GAU [complement(144267..145212)], ndhB [152049..152728], rpl2 [163533..164200]
2471.	OEGL	23	rps12 [complement(75883..75996)], rps12 [150648..150673]	trnK-UUU [complement(1612..4085)], rps16 [complement(5123..5981)], trnV-UAC [11891..12489], trnL-UAA [complement(16720..17237)], ycf3 [20719..21438], ycf3 [21669..22444], rpoC1 [42911..43645], atpF [53282..54037], trnG-UCC [complement(56565..57363)], petB [80156..80926], petD [81775..82541], rpl16 [complement(87043..88119)], rpl2 [complement(90311..90978)], ndhB [complement(102087..102766)], trnI-GAU [109204..110149], trnA-UGC [110287..111085], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(125869..126912)], trnA-UGC [complement(143978..144776)], trnI-GAU [complement(144914..145859)], ndhB [152297..152976], rpl2 [164085..164752]
2472.	OEGR	2	rps12 [complement(76020..76133)], rps12 [151732..151757]	-
2473.	OEOA	2	rps12 [complement(74091..74204)], rps12 [149160..149185]	-
2474.	OEPA	23	rps12 [complement(74072..74185)], rps12 [149008..149033]	trnK-UUU [complement(1612..4087)], rps16 [complement(5102..6009)], trnV-UAC [11661..12263], trnL-UAA [complement(16492..17030)], ycf3 [20516..21235], ycf3 [21466..22241], rpoC1 [42762..43496], atpF [53152..53911], trnG- UCC [complement(56433..57235)], petB [78185..78955], petD [79804..80557], rpl16 [complement(85066..86129)], rpl2 [complement(88341..89008)], ndhB [complement(99762..100441)], trnI-GAU [107226..108171], trnA-UGC [108309..109107], ndhA [complement(123975..125018)], trnA-UGC [complement(141991..142789)], trnI-GAU [complement(142927..143872)], ndhB [150657..151336], rpl2 [162090..162757]
2475.	OEVI	2	rps12 [complement(74060..74173)], rps12 [151456..151481]	-
2476.	OHCA	64	rps12 [complement(96056..96313)], rps12 [complement(68494..68607)], trnK-UUU [complement(1721..1755)], trnK-UUU [complement(4401..4437)], trnV-UAC [9745..9783], trnV-UAC [10369..10405], trnL-UAA [complement(13610..13659)], trnL-UAA [complement(14170..14206)], ycf3 [16730..16855], ycf3 [17538..17765], ycf3 [18572..18724], rpoC1 [37969..38400], rpoC1 [39203..40825], atpF [48637..48780], atpF [49518..49928], trnG-UCC [complement(51904..51952)], trnG-UCC [complement(52660..52682)], rps16 [54931..54970], rps16 [55854..56083],	trnK-UUU [complement(1756..4400)], trnV- UAC [9784..10368], trnL-UAA [complement(13660..14169)], ycf3 [16856..17537], ycf3 [17766..18571], rpoC1 [38401..39202], atpF [48781..49517], trnG- UCC [complement(51953..52659)], rps16 [54971..55853], clpP [complement(69020..69821)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [137178..137435], clpP [complement(68792..69019)], clpP [complement(69822..70113)], clpP [complement(70827..70897)], petB [73812..73817], petB [74627..75268], petD [75467..75474], petD [76186..76660], rpl16 [complement(80237..80635)], rpl16 [complement(81630..81638)], ndhB [complement(92993..93748)], ndhB [complement(94452..95174)], trnI-GAU [100202..100237], trnI-GAU [101193..101227], trnA-UGC [101292..101329], trnA-UGC [102133..102167], ndhA [complement(116780..117319)], ndhA [complement(118598..119149)], trnA-UGC [complement(131324..131358)], trnA-UGC [complement(132162..132199)], trnI-GAU [complement(132264..132298)], trnI-GAU [complement(133254..133289)], ndhB [138317..139039], ndhB [139743..140498]	[complement(70114..70826)], petB [73818..74626], petD [75475..76185], rpl16 [complement(80636..81629)], ndhB [complement(93749..94451)], trnI-GAU [100238..101192], trnA-UGC [101330..102132], ndhA [complement(117320..118597)], trnA-UGC [complement(131359..132161)], trnI-GAU [complement(132299..133253)], ndhB [139040..139742]
2477.	OLAL	59	rps12 [complement(92069..92104)], rps12 [complement(92642..92872)], rps12 [complement(69963..70076)], trnK-UUU [complement(1376..1408)], trnK-UUU [complement(3924..3961)], rps16 [complement(4462..4677)], rps16 [complement(5507..5548)], atpF [35226..35384], atpF [36209..36616], ycf3 [complement(44377..44535)], ycf3 [complement(45260..45487)], ycf3 [complement(46227..46358)], trnL-UAA [49110..49144], trnL-UAA [49685..49734], trnV-UAC [complement(53179..53215)], trnV-UAC [complement(53812..53850)], petB [73803..73808], petB [74630..75271], petD [75460..75468], petD [76218..76691], rpl16 [complement(80307..80708)], rpl16 [complement(81800..81808)], rpl2 [complement(83806..84237)], rpl2 [complement(84898..85290)], ndhB [complement(89000..89755)], ndhB [complement(90468..91244)], trnI-GAU [96697..96738], trnI-GAU [97685..97719], trnA-UGC [97785..97822], trnA-UGC [98634..98668], ndhA [complement(114672..115211)], ndhA [complement(116238..116786)], trnA-UGC [complement(124135..124169)], trnA-UGC [complement(124981..125018)], trnI-GAU [complement(125084..125118)], trnI-GAU [complement(126065..126106)], ndhB [131559..132335], ndhB [133048..133803], rpl2 [137513..137905], rpl2 [138566..138997]	trnK-UUU [complement(1409..3923)], rps16 [complement(4678..5506)], atpF [35385..36208], ycf3 [complement(44536..45259)], ycf3 [complement(45488..46226)], trnL-UAA [49145..49684], trnV-UAC [complement(53216..53811)], petB [73809..74629], petD [75469..76217], rpl16 [complement(80709..81799)], rpl2 [complement(84238..84897)], ndhB [complement(89756..90467)], trnI-GAU [96739..97684], trnA-UGC [97823..98633], ndhA [complement(115212..116237)], trnA-UGC [complement(124170..124980)], trnI-GAU [complement(125119..126064)], ndhB [132336..133047], rpl2 [137906..138565]
2478.	OLBE	64	rps12 [complement(100077..100102)], rps12 [complement(100639..100870)], rps12 [complement(70959..71072)], trnK-UUU [complement(1719..1747)],	trnK-UUU [complement(1748..4331)], trnG-UCC [8367..9076], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4332..4368)], trnG-UCC [8345..8366], trnG-UCC [9077..9127], rpoC1 [complement(20444..22069)], rpoC1 [complement(22825..23259)], ycf3 [complement(43306..43458)], ycf3 [complement(44167..44394)], ycf3 [complement(45115..45243)], trnL-UAA [47541..47577], trnL-UAA [48149..48198], trnV-UAC [complement(52231..52267)], trnV-UAC [complement(52867..52905)], rps12 [complement(70959..71072)], rps12 [143086..143316], rps12 [143853..143879], clpP [complement(71270..71497)], clpP [complement(72155..72445)], clpP [complement(73260..73328)], petB [76339..76343], petB [77148..77790], rpl16 [complement(82973..83373)], rpl16 [complement(84539..84548)], rpl2 [complement(86334..86804)], rpl2 [complement(87434..87826)], ndhB [complement(97016..97771)], ndhB [complement(98454..99230)], trnI-GAU [104913..104954], trnI-GAU [105898..105932], trnA-UGC [105992..106029], trnA-UGC [106832..106866], ndhA [complement(122312..122857)], ndhA [complement(123922..124473)], trnA-UGC [complement(137090..137124)], trnA-UGC [complement(137927..137964)], trnI-GAU [complement(138024..138058)], trnI-GAU [complement(139002..139043)], ndhB [144726..145502], ndhB [146185..146940], rpl2 [156130..156522], rpl2 [157152..157622]	[complement(22070..22824)], ycf3 [complement(43459..44166)], ycf3 [complement(44395..45114)], trnL-UAA [47578..48148], trnV-UAC [complement(52268..52866)], clpP [complement(71498..72154)], clpP [complement(72446..73259)], petB [76344..77147], rpl16 [complement(83374..84538)], rpl2 [complement(86805..87433)], ndhB [complement(97772..98453)], trnI-GAU [104955..105897], trnA-UGC [106030..106831], ndhA [complement(122858..123921)], trnA-UGC [complement(137125..137926)], trnI-GAU [complement(138059..139001)], ndhB [145503..146184], rpl2 [156523..157151]
2479.	OLEU	70	rps12 [complement(99942..99967)], rps12 [complement(100504..100732)], rps12 [complement(72323..72436)], trnK [1821..1855], trnK [4351..4387], rps16 [complement(5284..5508)], rps16 [complement(6384..6425)], trnG [10109..10141], trnG [10809..10857], atpF [complement(12802..13212)], atpF [complement(13910..14053)], rpoC1 [complement(21946..23570)], rpoC1 [complement(24323..24755)], ycf3 [complement(44290..44441)], ycf3 [complement(45191..45418)], ycf3 [complement(46121..46244)], trnL [49110..49144], trnL [49620..49668], trnV [53548..53583], trnV [54155..54191], clpP [complement(72570..72797)], clpP [complement(73442..73733)], clpP [complement(74543..74613)], petB [77530..77536], petB [78241..78884], petD [79067..79074], petD [79805..80279], rpl16 [complement(83724..84124)], rpl16 [complement(84977..84986)], rpl2 [complement(86648..87085)], rpl2	trnK [1856..4350], rps16 [complement(5509..6383)], trnG [10142..10808], atpF [complement(13213..13909)], rpoC1 [complement(23571..24322)], ycf3 [complement(44442..45190)], ycf3 [complement(45419..46120)], trnL [49145..49619], trnV [53584..54154], clpP [complement(72798..73441)], clpP [complement(73734..74542)], petB [77537..78240], petD [79075..79804], rpl16 [complement(84125..84976)], rpl2 [complement(87086..87757)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87758..88147)], ndhB [complement(96935..97692)], ndhB [complement(98777..99146)], trnI [104421..104457], trnI [105405..105439], trnA [105506..105541], trnA [106353..106388], ndhA [complement(121460..121990)], ndhA [complement(123090..123644)], trnA [136069..136103], trnA [136915..136952], trnI [137017..137051], trnI [137999..138035], ndhB [143310..144086], ndhB [144766..145521], rpl2 [154309..154699], rpl2 [155378..155808]	[complement(97693..98776)], trnI [104458..105404], trnA [105542..106352], ndhA [complement(121991..123089)], trnA [136104..136914], trnI [137052..137998], ndhB [144087..144765], rpl2 [154700..155377]
2480.	OLEX	70	rps12 [complement(100015..100040)], rps12 [complement(100577..100808)], rps12 [complement(72403..72516)], trnK [1842..1876], trnK [4372..4408], rps16 [complement(5309..5535)], rps16 [complement(6410..6449)], trnG-GCC [10154..10176], trnG-GCC [10854..10901], atpF [complement(12843..13253)], atpF [complement(13941..14084)], rpoC1 [complement(21979..23598)], rpoC1 [complement(24358..24810)], ycf3 [complement(44355..44507)], ycf3 [complement(45252..45481)], ycf3 [complement(46187..46310)], trnL-UAA [49181..49215], trnL-UAA [49690..49739], rps12 [complement(72403..72516)], rps12 [141777..142008], rps12 [142545..142570], clpP [complement(72650..72877)], clpP [complement(73522..73813)], clpP [complement(74625..74695)], petB [77612..77617], petB [78322..78963], petD [79146..79153], petD [79886..80360], rpl16 [complement(83792..84190)], rpl16 [complement(85047..85055)], rpl2 [complement(86745..87178)], rpl2 [complement(87843..88233)], ndhB [complement(97007..97762)], ndhB [complement(98442..99218)], trnI-GAU [104494..104530], trnI-GAU [105478..105512], trnA-UGC [105577..105614], trnA-UGC [106426..106460], ndhA [complement(121527..122056)], ndhA [complement(123156..123711)], trnA-UGC [complement(136125..136159)], trnA-UGC [complement(136971..137008)], trnI-GAU [complement(137073..137107)], trnI-GAU [complement(138055..138091)], ndhB [143367..144143], ndhB [144823..145578], rpl2 [154352..154742], rpl2 [155407..155840]	trnK [1877..4371], rps16 [complement(5536..6409)], trnG-GCC [10177..10853], atpF [complement(13254..13940)], rpoC1 [complement(23599..24357)], ycf3 [complement(44508..45251)], ycf3 [complement(45482..46186)], trnL-UAA [49216..49689], clpP [complement(72878..73521)], clpP [complement(73814..74624)], petB [77618..78321], petD [79154..79885], rpl16 [complement(84191..85046)], rpl2 [complement(87179..87842)], ndhB [complement(97763..98441)], trnI-GAU [104531..105477], trnA-UGC [105615..106425], ndhA [complement(122057..123155)], trnA-UGC [complement(136160..136970)], trnI-GAU [complement(137108..138054)], ndhB [144144..144822], rpl2 [154743..155406]
2481.	OLHU	59	rps12 [complement(92350..92385)], rps12 [complement(92924..93154)], rps12 [complement(70173..70286)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3951..3988)], rps16 [complement(4533..4748)], rps16	trnK-UUU [complement(1415..3950)], rps16 [complement(4749..5577)], atpF [35431..36256], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5578..5619)], atpF [35272..35430], atpF [36257..36664], ycf3 [complement(44428..44586)], ycf3 [complement(45314..45541)], ycf3 [complement(46282..46413)], trnL-UAA [49172..49206], trnL-UAA [49747..49796], trnV-UAC [complement(53244..53280)], trnV-UAC [complement(53877..53915)], petB [74079..74084], petB [74911..75552], petD [75741..75749], petD [76499..76972], rpl16 [complement(80601..81002)], rpl16 [complement(82100..82108)], rpl2 [complement(84087..84518)], rpl2 [complement(85179..85571)], ndhB [complement(89281..90036)], ndhB [complement(90749..91525)], trnI-GAU [96988..97029], trnI-GAU [97976..98010], trnA-UGC [98076..98113], trnA-UGC [98925..98959], ndhA [complement(115110..115649)], ndhA [complement(116676..117224)], trnA-UGC [complement(124591..124625)], trnA-UGC [complement(125437..125474)], trnI-GAU [complement(125540..125574)], trnI-GAU [complement(126521..126562)], ndhB [132025..132801], ndhB [133514..134269], rpl2 [137979..138371], rpl2 [139032..139463]	[complement(44587..45313)], ycf3 [complement(45542..46281)], trnL-UAA [49207..49746], trnV-UAC [complement(53281..53876)], petB [74085..74910], petD [75750..76498], rpl16 [complement(81003..82099)], rpl2 [complement(84519..85178)], ndhB [complement(90037..90748)], trnI-GAU [97030..97975], trnA-UGC [98114..98924], ndhA [complement(115650..116675)], trnA-UGC [complement(124626..125436)], trnI-GAU [complement(125575..126520)], ndhB [132802..133513], rpl2 [138372..139031]
2482.	OLIB	59	rps12 [complement(92008..92043)], rps12 [complement(92582..92812)], rps12 [complement(69895..70008)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3977..4014)], rps16 [complement(4524..4739)], rps16 [complement(5569..5610)], atpF [35174..35332], atpF [36161..36568], ycf3 [complement(44328..44486)], ycf3 [complement(45213..45440)], ycf3 [complement(46174..46305)], trnL-UAA [49062..49096], trnL-UAA [49637..49686], trnV-UAC [complement(53116..53152)], trnV-UAC [complement(53749..53787)], petB [73732..73737], petB [74552..75193], petD [75382..75390], petD [76140..76613], rpl16 [complement(80243..80644)], rpl16 [complement(81758..81766)], rpl2 [complement(83745..84176)], rpl2 [complement(84837..85229)], ndhB [complement(88939..89694)], ndhB [complement(90407..91183)], trnI-GAU [96637..96678], trnI-GAU [97625..97659], trnA-UGC [97725..97762], trnA-UGC [98574..98608], ndhA [complement(114468..115007)], ndhA [complement(116034..116582)], trnA-UGC [complement(123683..123717)], trnA-UGC [complement(124529..124566)], trnI-GAU [complement(124632..124666)], trnI-GAU [complement(125613..125654)], ndhB [131108..131884], ndhB	trnK-UUU [complement(1415..3976)], rps16 [complement(4740..5568)], atpF [35333..36160], ycf3 [complement(44487..45212)], ycf3 [complement(45441..46173)], trnL-UAA [49097..49636], trnV-UAC [complement(53153..53748)], petB [73738..74551], petD [75391..76139], rpl16 [complement(80645..81757)], rpl2 [complement(84177..84836)], ndhB [complement(89695..90406)], trnI-GAU [96679..97624], trnA-UGC [97763..98573], ndhA [complement(115008..116033)], trnA-UGC [complement(123718..124528)], trnI-GAU [complement(124667..125612)], ndhB [131885..132596], rpl2 [137455..138114]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[132597..133352], rpl2 [137062..137454], rpl2 [138115..138546]	
2483.	OLIT	59	rps12 [complement(92069..92104)], rps12 [complement(92643..92873)], rps12 [complement(69960..70073)], trnK-UUU [complement(1397..1429)], trnK-UUU [complement(3981..4018)], rps16 [complement(4534..4749)], rps16 [complement(5579..5620)], atpF [35233..35391], atpF [36219..36626], ycf3 [complement(44387..44545)], ycf3 [complement(45275..45502)], ycf3 [complement(46237..46368)], trnL-UAA [49124..49158], trnL-UAA [49699..49748], trnV-UAC [complement(53185..53221)], trnV-UAC [complement(53818..53856)], petB [73798..73803], petB [74622..75263], petD [75452..75460], petD [76210..76683], rpl16 [complement(80312..80713)], rpl16 [complement(81813..81821)], rpl2 [complement(83801..84232)], rpl2 [complement(84893..85285)], ndhB [complement(89000..89755)], ndhB [complement(90468..91244)], trnI-GAU [96718..96759], trnI-GAU [97706..97740], trnA-UGC [97806..97843], trnA-UGC [98655..98689], ndhA [complement(114798..115337)], ndhA [complement(116364..116912)], trnA-UGC [complement(124279..124313)], trnA-UGC [complement(125125..125162)], trnI-GAU [complement(125228..125262)], trnI-GAU [complement(126209..126250)], ndhB [131724..132500], ndhB [133213..133968], rpl2 [137683..138075], rpl2 [138736..139167]	trnK-UUU [complement(1430..3980)], rps16 [complement(4750..5578)], atpF [35392..36218], ycf3 [complement(44546..45274)], ycf3 [complement(45503..46236)], trnL-UAA [49159..49698], trnV-UAC [complement(53222..53817)], petB [73804..74621], petD [75461..76209], rpl16 [complement(80714..81812)], rpl2 [complement(84233..84892)], ndhB [complement(89756..90467)], trnI-GAU [96760..97705], trnA-UGC [97844..98654], ndhA [complement(115338..116363)], trnA-UGC [complement(124314..125124)], trnI-GAU [complement(125263..126208)], ndhB [132501..133212], rpl2 [138076..138735]
2484.	OLLA	62	rps12 [complement(89539..89567)], rps12 [complement(90108..90339)], rps12 [complement(67504..67617)], trnK-UUU [1456..1488], trnK-UUU [4032..4069], rps16 [complement(4625..4854)], rps16 [complement(5712..5751)], trnG-UCC [13221..13268], trnG-UCC [13964..13986], atpF [33512..33670], atpF [34501..34908], ycf3 [complement(42619..42777)], ycf3 [complement(43539..43766)], ycf3 [complement(44505..44636)], trnL-UAA [47300..47334], trnL-UAA [47874..47923], trnV-UAC [51495..51531], trnV-UAC [52128..52166], petB [71350..71355], petB [72171..72812], petD [72995..73002], petD [73759..74233], rpl16 [complement(77817..78221)], rpl16 [complement(79307..79315)], rpl2 [complement(81314..81745)], rpl2 [complement(82413..82802)], ndhB [complement(86475..87230)], ndhB [complement(87943..88710)], trnI-GAU [94180..94221], trnI-GAU	trnK-UUU [1489..4031], rps16 [complement(4855..5711)], trnG-UCC [13269..13963], atpF [33671..34500], ycf3 [complement(42778..43538)], ycf3 [complement(43767..44504)], trnL-UAA [47335..47873], trnV-UAC [51532..52127], petB [71356..72170], petD [73003..73758], rpl16 [complement(78222..79306)], rpl2 [complement(81746..82412)], ndhB [complement(87231..87942)], trnI-GAU [94222..95155], trnA-UGC [95294..96104], ndhA [complement(112477..113495)], trnA-UGC [complement(121411..122221)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[95156..95190], trnA-UGC [95256..95293], trnA-UGC [96105..96139], ndhA [complement(111937..112476)], ndhA [complement(113496..114047)], trnA-UGC [complement(121376..121410)], trnA-UGC [complement(122222..122259)], trnI-GAU [complement(122325..122359)], trnI-GAU [complement(123294..123335)], ndhB [128805..129572], ndhB [130285..131040], rpl2 [134713..135102], rpl2 [135770..136201]	GAU [complement(122360..123293)], ndhB [129573..130284], rpl2 [135103..135769]
2485.	OLLN	66	rps12 [complement(99970..99995)], rps12 [complement(100532..100763)], rps12 [complement(72338..72451)], rps16 [complement(5304..5530)], rps16 [complement(6405..6444)], trnG-GCC [10145..10167], trnG-GCC [10845..10892], atpF [complement(12834..13244)], atpF [complement(13941..14084)], rpoC1 [complement(21978..23597)], rpoC1 [complement(24357..24809)], ycf3 [complement(44276..44428)], ycf3 [complement(45177..45406)], ycf3 [complement(46112..46235)], trnL-UAA [49105..49139], trnL-UAA [49614..49663], rps12 [141734..141965], rps12 [142502..142527], clpP [complement(72585..72812)], clpP [complement(73457..73748)], clpP [complement(74558..74628)], petB [77545..77550], petB [78254..78895], petD [79078..79085], petD [79818..80292], rpl16 [complement(83722..84120)], rpl16 [complement(84979..84987)], rpl2 [complement(86692..87125)], rpl2 [complement(87798..88188)], ndhB [complement(96962..97717)], ndhB [complement(98397..99173)], trnI-GAU [104449..104485], trnI-GAU [105433..105467], trnA-UGC [105532..105569], trnA-UGC [106381..106415], ndhA [complement(121484..122013)], ndhA [complement(123113..123668)], trnA-UGC [complement(136082..136116)], trnA-UGC [complement(136928..136965)], trnI-GAU [complement(137030..137064)], trnI-GAU [complement(138012..138048)], ndhB [143324..144100], ndhB [144780..145535], rpl2 [154309..154699], rpl2 [155372..155805]	rps16 [complement(5531..6404)], trnG-GCC [10168..10844], atpF [complement(13245..13940)], rpoC1 [complement(23598..24356)], ycf3 [complement(44429..45176)], ycf3 [complement(45407..46111)], trnL-UAA [49140..49613], clpP [complement(72813..73456)], clpP [complement(73749..74557)], petB [77551..78253], petD [79086..79817], rpl16 [complement(84121..84978)], rpl2 [complement(87126..87797)], ndhB [complement(97718..98396)], trnI-GAU [104486..105432], trnA-UGC [105570..106380], ndhA [complement(122014..123112)], trnA-UGC [complement(136117..136927)], trnI-GAU [complement(137065..138011)], ndhB [144101..144779], rpl2 [154700..155371]
2486.	OLPA	66	rps12 [complement(99861..99886)], rps12 [complement(100423..100654)], rps12 [complement(72262..72375)], rps16 [complement(5329..5555)], rps16 [complement(6432..6471)], trnG-GCC [10163..10185], trnG-GCC [10863..10910], atpF [complement(12849..13259)], atpF [complement(13960..14103)], rpoC1 [complement(21998..23617)], rpoC1	rps16 [complement(5556..6431)], trnG-GCC [10186..10862], atpF [complement(13260..13959)], rpoC1 [complement(23618..24376)], ycf3 [complement(44393..45124)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(24377..24829)], ycf3 [complement(44240..44392)], ycf3 [complement(45125..45354)], ycf3 [complement(46068..46191)], trnL-UAA [49081..49115], trnL-UAA [49590..49639], rps12 [141614..141845], rps12 [142382..142407], clpP [complement(72509..72736)], clpP [complement(73382..73673)], clpP [complement(74486..74556)], petB [77473..77478], petB [78192..78833], petD [79016..79023], petD [79756..80230], rpl16 [complement(83662..84060)], rpl16 [complement(84920..84928)], rpl2 [complement(86604..87037)], rpl2 [complement(87713..88103)], ndhB [complement(96865..97620)], ndhB [complement(98300..99076)], trnI-GAU [104340..104376], trnI-GAU [105324..105358], trnA-UGC [105423..105460], trnA-UGC [106272..106306], ndhA [complement(121364..121893)], ndhA [complement(122994..123549)], trnA-UGC [complement(135962..135996)], trnA-UGC [complement(136808..136845)], trnI-GAU [complement(136910..136944)], trnI-GAU [complement(137892..137928)], ndhB [143192..143968], ndhB [144648..145403], rpl2 [154165..154555], rpl2 [155231..155664]	[complement(45355..46067)], trnL-UAA [49116..49589], clpP [complement(72737..73381)], clpP [complement(73674..74485)], petB [77479..78191], petD [79024..79755], rpl16 [complement(84061..84919)], rpl2 [complement(87038..87712)], ndhB [complement(97621..98299)], trnI-GAU [104377..105323], trnA-UGC [105461..106271], ndhA [complement(121894..122993)], trnA-UGC [complement(135997..136807)], trnI-GAU [complement(136945..137891)], ndhB [143969..144647], rpl2 [154556..155230]
2487.	OLPE	67	rps12 [complement(100026..100051)], rps12 [complement(100588..100819)], rps12 [complement(72415..72528)], rps16 [complement(5310..5536)], rps16 [complement(6411..6450)], trnG-GCC [10158..10180], trnG-GCC [10858..10905], atpF [complement(12848..13258)], atpF [complement(13955..14098)], rpoC1 [complement(21992..23611)], rpoC1 [complement(24372..24824)], ycf3 [complement(44380..44532)], ycf3 [complement(45276..45505)], ycf3 [complement(46211..46334)], trnL-UAA [49218..49252], trnL-UAA [49727..49776], rps12 [complement(72415..72528)], rps12 [141784..142015], rps12 [142552..142577], clpP [complement(72662..72889)], clpP [complement(73534..73825)], clpP [complement(74638..74708)], petB [77625..77630], petB [78336..78977], petD [79160..79167], petD [79900..80374], rpl16 [complement(83800..84198)], rpl16 [complement(85058..85066)], rpl2 [complement(86748..87181)], rpl2 [complement(87854..88244)], ndhB [complement(97018..97773)], ndhB [complement(98453..99229)], trnI-GAU [104505..104541], trnI-GAU	rps16 [complement(5537..6410)], trnG-GCC [10181..10857], atpF [complement(13259..13954)], rpoC1 [complement(23612..24371)], ycf3 [complement(44533..45275)], ycf3 [complement(45506..46210)], trnL-UAA [49253..49726], clpP [complement(72890..73533)], clpP [complement(73826..74637)], petB [77631..78335], petD [79168..79899], rpl16 [complement(84199..85057)], rpl2 [complement(87182..87853)], ndhB [complement(97774..98452)], trnI-GAU [104542..105488], trnA-UGC [105626..106436], ndhA [complement(122064..123162)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105489..105523], trnA-UGC [105588..105625], trnA-UGC [106437..106471], ndhA [complement(121534..122063)], ndhA [complement(123163..123718)], trnA-UGC [complement(136132..136166)], trnA-UGC [complement(136978..137015)], trnI-GAU [complement(137080..137114)], trnI-GAU [complement(138062..138098)], ndhB [143374..144150], ndhB [144830..145585], rpl2 [154359..154749], rpl2 [155422..155855]	[complement(136167..136977)], trnI-GAU [complement(137115..138061)], ndhB [144151..144829], rpl2 [154750..155421]
2488.	OLPU	70	rps12 [complement(97699..97724)], rps12 [complement(98262..98496)], rps12 [complement(69241..69354)], trnK [complement(1697..1731)], trnK [complement(4284..4320)], rps16 [complement(5028..5254)], rps16 [complement(6160..6199)], trnG [8485..8507], trnG [9224..9272], atpF [complement(11387..11796)], atpF [complement(12519..12663)], rpoC1 [complement(20155..21765)], rpoC1 [complement(22561..22992)], ycf3 [complement(42208..42360)], ycf3 [complement(43150..43377)], trnL [46643..46677], trnL [47182..47231], trnV [complement(50886..50915)], trnV [complement(51521..51559)], rps12 [140128..140359], rps12 [140897..140922], clpP [complement(69535..69762)], clpP [complement(70342..70633)], clpP [complement(71507..71577)], petB [74544..74549], petB [75346..75987], petD [76176..76183], petD [76903..77377], rpl16 [complement(80863..81261)], rpl16 [complement(82350..82358)], rpl2 [complement(84044..84478)], rpl2 [complement(85168..85557)], ndhB [complement(94642..95403)], ndhB [complement(96089..96811)], trnI [102512..102548], trnI [103495..103529], trnA [103594..103631], trnA [104433..104467], ndhA [complement(119859..120388)], ndhA [complement(121461..122013)], trnA [complement(134154..134188)], trnA [complement(134990..135027)], trnI [complement(135092..135126)], trnI [complement(136073..136109)], ndhB [141810..142532], ndhB [143218..143979], rpl2 [153064..153453], rpl2 [154143..154577]	trnK [complement(1732..4283)], rps16 [complement(5255..6159)], trnG [8508..9223], atpF [complement(11797..12518)], rpoC1 [complement(21766..22560)], ycf3 [complement(42361..43149)], trnL [46678..47181], trnV [complement(50916..51520)], clpP [complement(69763..70341)], clpP [complement(70634..71506)], petB [74550..75345], petD [76184..76902], rpl16 [complement(81262..82349)], rpl2 [complement(84479..85167)], ndhB [complement(95404..96088)], trnI [102549..103494], trnA [103632..104432], ndhA [complement(120389..121460)], trnA [complement(134189..134989)], trnI [complement(135127..136072)], ndhB [142533..143217], rpl2 [153454..154142]
2489.	OLRE	61	rps12 [complement(90027..90055)], rps12 [complement(90596..90827)], rps12 [complement(69508..69621)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3936..3977)], rps16 [complement(4522..4739)], rps16 [complement(5586..5625)], trnG-UCC [complement(13155..13202)], trnG-	trnK-UUU [complement(1405..3935)], rps16 [complement(4740..5585)], trnG-UCC [complement(13203..13875)], atpF [34836..35668], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13876..13898)], atpF [34692..34835], atpF [35669..36076], ycf3 [complement(43840..43998)], ycf3 [complement(44723..44952)], ycf3 [complement(45704..45827)], trnL-UAA [48535..48569], trnL-UAA [49108..49157], trnV-UAC [complement(52727..52763)], trnV-UAC [complement(53360..53398)], rps12 [128113..128344], rps12 [128885..128913], petB [73365..73370], petB [74189..74830], petD [75019..75026], petD [75759..76233], rpl16 [complement(79850..80251)], rpl16 [complement(81369..81377)], rpl2 [complement(83315..83746)], rpl2 [complement(84409..84798)], ndhB [complement(86954..87709)], ndhB [complement(88422..89198)], trnI-GAU [94668..94709], trnI-GAU [95657..95691], trnA-UGC [95755..95792], trnA-UGC [96605..96639], ndhA [complement(112825..113364)], ndhA [complement(114387..114944)], trnA-UGC [complement(122302..122336)], trnA-UGC [complement(123148..123185)], ndhB [129742..130518], ndhB [131231..131986], rpl2 [134142..134531], rpl2 [135194..135625]	[complement(43999..44722)], ycf3 [complement(44953..45703)], trnL-UAA [48570..49107], trnV-UAC [complement(52764..53359)], petB [73371..74188], petD [75027..75758], rpl16 [complement(80252..81368)], rpl2 [complement(83747..84408)], ndhB [complement(87710..88421)], trnI-GAU [94710..95656], trnA-UGC [95793..96604], ndhA [complement(113365..114386)], trnA-UGC [complement(122337..123147)], ndhB [130519..131230], rpl2 [134532..135193]
2490.	OLSH	62	rps12 [complement(92044..92079)], rps12 [complement(92618..92848)], rps12 [complement(69985..70098)], trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3936..3973)], rps16 [complement(4530..4745)], rps16 [complement(5575..5616)], trnG-UCC [complement(13616..13667)], trnG-UCC [complement(14333..14355)], atpF [35314..35472], atpF [36299..36706], ycf3 [complement(44470..44628)], ycf3 [complement(45354..45581)], ycf3 [complement(46322..46453)], trnL-UAA [49211..49245], trnL-UAA [49786..49835], trnV-UAC [complement(53253..53289)], trnV-UAC [complement(53886..53924)], petB [73825..73830], petB [74649..75290], petD [75479..75487], petD [76237..76710], rpl16 [complement(80320..80721)], rpl16 [complement(81813..81821)], rpl2 [complement(83803..84234)], rpl2 [complement(84895..85287)], ndhB [complement(88975..89730)], ndhB [complement(90443..91219)], trnI-GAU [96673..96714], trnI-GAU [97660..97694], trnA-UGC [97760..97797], trnA-UGC [98609..98643], ndhA [complement(114742..115281)], ndhA [complement(116308..116856)], trnA-UGC [complement(124223..124257)], trnA-UGC [complement(125069..125106)], trnI-GAU [complement(125172..125206)],	trnK-UUU [complement(1422..3935)], rps16 [complement(4746..5574)], trnG-UCC [complement(13668..14332)], atpF [35473..36298], ycf3 [complement(44629..45353)], ycf3 [complement(45582..46321)], trnL-UAA [49246..49785], trnV-UAC [complement(53290..53885)], petB [73831..74648], petD [75488..76236], rpl16 [complement(80722..81812)], rpl2 [complement(84235..84894)], ndhB [complement(89731..90442)], trnI-GAU [96715..97659], trnA-UGC [97798..98608], ndhA [complement(115282..116307)], trnA-UGC [complement(124258..125068)], trnI-GAU [complement(125207..126151)], ndhB [132424..133135], rpl2 [137972..138631]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(126152..126193)], ndhB [131647..132423], ndhB [133136..133891], rpl2 [137579..137971], rpl2 [138632..139063]	
2491.	OLTS	66	rps12 [complement(99413..99447)], rps12 [complement(99984..100215)], rps12 [complement(71891..72004)], rps16 [complement(5289..5515)], rps16 [complement(6390..6429)], trnG-GCC [9709..9731], trnG-GCC [10417..10464], atpF [complement(12401..12811)], atpF [complement(13509..13652)], rpoC1 [complement(21557..23176)], rpoC1 [complement(23936..24388)], ycf3 [complement(43887..44039)], ycf3 [complement(44783..45012)], ycf3 [complement(45723..45846)], trnL-UAA [48730..48764], trnL-UAA [49240..49289], rps12 [141158..141389], rps12 [141926..141960], clpP [complement(72138..72365)], clpP [complement(73011..73302)], clpP [complement(74110..74180)], petB [77097..77102], petB [77798..78439], petD [78622..78629], petD [79378..79852], rpl16 [complement(83272..83670)], rpl16 [complement(84524..84532)], rpl2 [complement(86198..86631)], rpl2 [complement(87311..87701)], ndhB [complement(96410..97165)], ndhB [complement(97845..98621)], trnI-GAU [103901..103937], trnI-GAU [104877..104911], trnA-UGC [104976..105013], trnA-UGC [105825..105859], ndhA [complement(120939..121468)], ndhA [complement(122574..123129)], trnA-UGC [complement(135514..135548)], trnA-UGC [complement(136360..136397)], trnI-GAU [complement(136462..136496)], trnI-GAU [complement(137436..137472)], ndhB [142752..143528], ndhB [144208..144963], rpl2 [153672..154062], rpl2 [154742..155175]	rps16 [complement(5516..6389)], trnG-GCC [9732..10416], atpF [complement(12812..13508)], rpoC1 [complement(23177..23935)], ycf3 [complement(44040..44782)], ycf3 [complement(45013..45722)], trnL-UAA [48765..49239], clpP [complement(72366..73010)], clpP [complement(73303..74109)], petB [77103..77797], petD [78630..79377], rpl16 [complement(83671..84523)], rpl2 [complement(86632..87310)], ndhB [complement(97166..97844)], trnI-GAU [103938..104876], trnA-UGC [105014..105824], ndhA [complement(121469..122573)], trnA-UGC [complement(135549..136359)], trnI-GAU [complement(136497..137435)], ndhB [143529..144207], rpl2 [154063..154741]
2492.	OLW O	24	trnK [1841..1875], trnK [4370..4406], trnG [10148..10170], trnG [10859..10906], trnL [49203..49237], trnL [49712..49761], trnV [53642..53675], trnV [54249..54286], trnI [104527..104563], trnI [105511..105545], trnA [105610..105647], trnA [106459..106493], trnA [136161..136195], trnA [137007..137044], trnI [137109..137143], trnI [138091..138127]	trnK [1876..4369], trnG [10171..10858], trnL [49238..49711], trnV [53676..54248], trnI [104564..105510], trnA [105648..106458], trnA [136196..137006], trnI [137144..138090]
2493.	ONRA	64	rps12 [complement(91717..91745)], rps12 [complement(92286..92517)], rps12 [complement(68736..68849)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3903..3940)], rps16 [complement(4499..4716)], rps16	trnK-UUU [complement(1415..3902)], rps16 [complement(4717..5581)], trnG-UCC [complement(13170..13866)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5582..5621)], trnG-UCC [complement(13122..13169)], trnG-UCC [complement(13867..13889)], atpF [34418..34576], atpF [35443..35850], ycf3 [complement(43654..43806)], ycf3 [complement(44542..44769)], ycf3 [complement(45504..45635)], trnL [48374..48408], trnL [48932..48984], trnV-UAC [complement(52589..52625)], trnV-UAC [complement(53222..53260)], rps12 [129135..129366], rps12 [129907..129935], petB [72600..72605], petB [73362..74009], petD [74192..74199], petD [74929..75403], rpl16 [complement(78954..79355)], rpl16 [complement(80387..80395)], rpl2 [complement(82355..82786)], rpl2 [complement(83450..83839)], ndhB [complement(88644..89399)], ndhB [complement(90112..90888)], trnI-GAU [96351..96392], trnI-GAU [97343..97377], trnA-UGC [97443..97480], trnA-UGC [98291..98325], ndhA [complement(113844..114383)], ndhA [complement(115426..115974)], trnA-UGC [complement(123327..123361)], trnA-UGC [complement(124172..124209)], trnI-GAU [complement(124275..124309)], trnI-GAU [complement(125260..125301)], ndhB [130764..131540], ndhB [132253..133008], rpl2 [137813..138202], rpl2 [138866..139297]	[34577..35442], ycf3 [complement(43807..44541)], ycf3 [complement(44770..45503)], trnL [48409..48931], trnV-UAC [complement(52626..53221)], petB [72606..73361], petD [74200..74928], rpl16 [complement(79356..80386)], rpl2 [complement(82787..83449)], ndhB [complement(89400..90111)], trnI-GAU [96393..97342], trnA-UGC [97481..98290], ndhA [complement(114384..115425)], trnA-UGC [complement(123362..124171)], trnI-GAU [complement(124310..125259)], ndhB [131541..132252], rpl2 [138203..138865]
2494.	ONSP	63	rps12 [complement(97661..97686)], rps12 [complement(98234..98465)], rps12 [complement(68764..68877)], trnK-UUU [complement(1424..1458)], trnK-UUU [complement(4077..4113)], rps16 [complement(4597..4835)], rps16 [complement(5723..5762)], trnG-UCC [8823..8845], trnG-UCC [9544..9591], atpF [complement(11536..11946)], atpF [complement(12822..12965)], rpoC1 [complement(19983..21593)], rpoC1 [complement(22349..22783)], ycf3 [complement(42534..42686)], ycf3 [complement(43457..43686)], ycf3 [complement(44401..44524)], trnL-UAA [47001..47035], trnL-UAA [47769..47818], trnV-UAC [complement(50232..50266)], trnV-UAC [complement(50850..50888)], rps12 [132872..133103], rps12 [133651..133676], clpP [complement(69011..69262)], clpP [complement(69921..70211)], clpP [complement(71139..71207)], petB [74483..74488], petB [75193..75840], petD [76027..76032], petD [76811..77296], rpl16 [complement(80810..81208)], rpl16 [complement(82350..82358)], rpl2 [complement(84314..84745)], rpl2	trnK-UUU [complement(1459..4076)], rps16 [complement(4836..5722)], trnG-UCC [8846..9543], atpF [complement(11947..12821)], rpoC1 [complement(21594..22348)], ycf3 [complement(42687..43456)], ycf3 [complement(43687..44400)], trnL-UAA [47036..47768], trnV-UAC [complement(50267..50849)], clpP [complement(69263..69920)], clpP [complement(70212..71138)], petB [74489..75192], petD [76033..76810], rpl16 [complement(81209..82349)], rpl2 [complement(84746..85409)], trnI-GAU [102484..103424], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85410..85799)], trnI-GAU [102447..102483], trnI-GAU [103425..103459], trnA-UGC [103524..103561], trnA-UGC [104355..104389], trnA-UGC [complement(126948..126982)], trnA-UGC [complement(127776..127813)], trnI-GAU [complement(127878..127912)], trnI-GAU [complement(128854..128890)], rpl2 [145538..145927], rpl2 [146592..147023]	[103562..104354], trnA-UGC [complement(126983..127775)], trnI-GAU [complement(127913..128853)], rpl2 [145928..146591]
2495.	ONTE	35	rps12 [complement(98953..98978)], rps12 [complement(99515..99746)], rps12 [complement(71209..71322)], rps16 [complement(5009..5235)], rps16 [complement(6083..6122)], atpF [complement(11779..12188)], atpF [complement(12908..13052)], rpoC1 [complement(21034..22644)], rpoC1 [complement(23400..23852)], ycf3 [complement(43685..43837)], ycf3 [complement(44623..44852)], ycf3 [complement(45590..45713)], rps12 [140930..141161], rps12 [141698..141723], clpP [complement(71456..71684)], clpP [complement(72338..72628)], clpP [complement(73392..73462)], petB [76380..76385], petB [77148..77789], petD [77978..77985], petD [78714..79188], rpl16 [complement(82654..83052)], rpl16 [complement(84134..84142)], rpl2 [complement(85806..86239)], rpl2 [complement(86886..87276)], ndhB [complement(95940..96695)], ndhB [complement(97380..98156)], ndhA [complement(120975..121504)], ndhA [complement(122583..123135)], ndhB [142520..143296], ndhB [143981..144736], rpl2 [153400..153790], rpl2 [154437..154870]	clpP [complement(71685..72337)], clpP [complement(72629..73391)]
2496.	OPCL	49	rps12 [complement(99377..99402)], rps12 [complement(99943..100174)], rps12 [complement(71099..71212)], trnK [complement(1615..1649)], trnK [complement(4186..4222)], rps16 [complement(4651..4868)], rps16 [complement(5669..5708)], trnG [8963..8985], trnG [9747..9795], atpF [complement(11950..12359)], atpF [complement(13183..13327)], rpoC1 [complement(21409..23025)], rpoC1 [complement(23751..24182)], ycf3 [complement(43418..43570)], ycf3 [complement(44421..44648)], ycf3 [complement(45395..45520)], trnL [48253..48287], trnL [48826..48875], trnV [complement(52600..52634)], trnV [complement(53251..53289)], rps12 [142045..142276], rps12 [142817..142842], clpP [complement(71400..71627)], clpP [complement(72265..72556)], clpP [complement(73488..73558)], petB	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76466..76471], petB [77238..77879], petD [78068..78075], petD [78878..79352], rpl16 [complement(82825..83223)], rpl16 [complement(84244..84252)], rpl2 [complement(86004..86438)], rpl2 [complement(87102..87491)], ndhB [complement(96316..97071)], ndhB [complement(97752..98531)], trnI [104151..104187], trnI [105036..105070], trnA [105140..105177], trnA [105979..106013], ndhA [complement(121759..122297)], ndhA [complement(123324..123876)], trnA [complement(136206..136240)], trnA [complement(137042..137079)], trnI [complement(137149..137183)], trnI [complement(138032..138068)], ndhB [143688..144467], ndhB [145148..145903], rpl2 [154728..155117], rpl2 [155781..156215]	
2497.	OPHI	64	rps12 [complement(90297..90325)], rps12 [complement(90866..91097)], rps12 [complement(68412..68525)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3895..3932)], rps16 [complement(4462..4679)], rps16 [complement(5514..5553)], trnG-UCC [complement(13173..13220)], trnG-UCC [complement(13913..13935)], atpF [33802..33960], atpF [34774..35181], ycf3 [complement(42966..43124)], ycf3 [complement(43848..44075)], ycf3 [complement(44812..44943)], trnL-UAA [47741..47775], trnL-UAA [48316..48365], trnV-UAC [complement(52007..52043)], trnV-UAC [complement(52646..52684)], rps12 [127749..127980], rps12 [128521..128549], petB [72298..72303], petB [73056..73703], petD [73893..73900], petD [74633..75107], rpl16 [complement(78610..79011)], rpl16 [complement(80028..80036)], rpl2 [complement(81999..82430)], rpl2 [complement(83094..83483)], ndhB [complement(87224..87979)], ndhB [complement(88692..89468)], trnI-GAU [94957..94998], trnI-GAU [95945..95979], trnA-UGC [96045..96082], trnA-UGC [96893..96927], ndhA [complement(112416..112955)], ndhA [complement(113980..114528)], trnA-UGC [complement(121919..121953)], trnA-UGC [complement(122764..122801)], trnI-GAU [complement(122867..122901)], trnI-GAU [complement(123848..123889)], ndhB [129378..130154], ndhB [130867..131622], rpl2 [135363..135752], rpl2 [136416..136847]	trnK-UUU [complement(1411..3894)], rps16 [complement(4680..5513)], trnG-UCC [complement(13221..13912)], atpF [33961..34773], ycf3 [complement(43125..43847)], ycf3 [complement(44076..44811)], trnL-UAA [47776..48315], trnV-UAC [complement(52044..52645)], petB [72304..73055], petD [73901..74632], rpl16 [complement(79012..80027)], rpl2 [complement(82431..83093)], ndhB [complement(87980..88691)], trnI-GAU [94999..95944], trnA-UGC [96083..96892], ndhA [complement(112956..113979)], trnA-UGC [complement(121954..122763)], trnI-GAU [complement(122902..123847)], ndhB [130155..130866], rpl2 [135753..136415]
2498.	OPTA	6	rps12 [complement(96600..96842)], rps12 [complement(68496..68624)],	rpl16 [complement(80291..81294)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [137125..137367], rpl16 [complement(79892..80290)], rpl16 [complement(81295..81303)]	
2499.	ORAL	59	rps12 [complement(89635..89877)], rps12 [complement(67985..68098)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3895..3931)], rps16 [complement(4492..4709)], rps16 [complement(5567..5606)], atpF [33106..33249], atpF [34070..34477], ycf3 [complement(42231..42389)], ycf3 [complement(43113..43340)], ycf3 [complement(44083..44208)], trnL-UAA [46908..46942], trnL-UAA [47484..47533], trnV-UAC [complement(50905..50941)], trnV-UAC [complement(51538..51576)], rps12 [126498..126740], petB [71828..71833], petB [72653..73294], petD [73486..73495], petD [74244..74716], rpl16 [complement(78335..78736)], rpl16 [complement(79799..79807)], rpl2 [complement(81789..82220)], rpl2 [complement(82884..83273)], ndhB [complement(86004..86759)], ndhB [complement(87472..88248)], trnI-GAU [93702..93738], trnI-GAU [94687..94721], trnA-UGC [94786..94823], trnA-UGC [95635..95669], ndhA [complement(111277..111816)], ndhA [complement(112804..113352)], trnA-UGC [complement(120706..120740)], trnA-UGC [complement(121552..121589)], trnI-GAU [complement(121654..121688)], trnI-GAU [complement(122637..122673)], ndhB [128127..128903], ndhB [129616..130371], rpl2 [133102..133491], rpl2 [134155..134586]	trnK-UUU [complement(1408..3894)], rps16 [complement(4710..5566)], atpF [33250..34069], ycf3 [complement(42390..43112)], ycf3 [complement(43341..44082)], trnL-UAA [46943..47483], trnV-UAC [complement(50942..51537)], petB [71834..72652], petD [73496..74243], rpl16 [complement(78737..79798)], rpl2 [complement(82221..82883)], ndhB [complement(86760..87471)], trnI-GAU [93739..94686], trnA-UGC [94824..95634], ndhA [complement(111817..112803)], trnA-UGC [complement(120741..121551)], trnI-GAU [complement(121689..122636)], ndhB [128904..129615], rpl2 [133492..134154]
2500.	ORAR	64	rps12 [complement(87680..87708)], rps12 [complement(88249..88480)], rps12 [complement(66123..66236)], trnK-UUU [complement(1380..1417)], trnK-UUU [complement(3904..3941)], rps16 [complement(4442..4659)], rps16 [complement(5454..5493)], trnG-UCC [complement(12854..12901)], trnG-UCC [complement(13588..13610)], atpF [32479..32637], atpF [33478..33885], ycf3 [complement(41692..41850)], ycf3 [complement(42581..42808)], ycf3 [complement(43559..43684)], trnL-UAA [46198..46232], trnL-UAA [46791..46840], trnV-UAC [complement(50441..50487)], trnV-UAC [complement(51081..51119)], rps12 [124582..124813], rps12 [125354..125382], petB [69970..69975], petB [70740..71387], petD [71587..71594], petD [72340..72814], rpl16 [complement(76316..76717)], rpl16 [complement(77808..77816)], rpl2 [complement(79760..80191)], rpl2	trnK-UUU [complement(1418..3903)], rps16 [complement(4660..5453)], trnG-UCC [complement(12902..13587)], atpF [32638..33477], ycf3 [complement(41851..42580)], ycf3 [complement(42809..43558)], trnL-UAA [46233..46790], trnV-UAC [complement(50488..51080)], petB [69976..70739], petD [71595..72339], rpl16 [complement(76718..77807)], rpl2 [complement(80192..80850)], ndhB [complement(85364..86075)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(80851..81243)], ndhB [complement(84607..85363)], ndhB [complement(86076..86851)], trnI-GAU [92314..92355], trnI-GAU [93066..93100], trnA-UGC [93166..93203], trnA-UGC [94014..94048], ndhA [complement(109536..110066)], ndhA [complement(111096..111644)], trnA-UGC [complement(119014..119048)], trnA-UGC [complement(119859..119896)], trnI-GAU [complement(119962..119996)], trnI-GAU [complement(120707..120748)], ndhB [126211..126986], ndhB [127699..128455], rpl2 [131819..132211], rpl2 [132871..133302]	[92356..93065], trnA-UGC [93204..94013], ndhA [complement(110067..111095)], trnA-UGC [complement(119049..119858)], trnI-GAU [complement(119997..120706)], ndhB [126987..127698], rpl2 [132212..132870]
2501.	ORAS	64	rps12 [complement(88188..88216)], rps12 [complement(88757..88988)], rps12 [complement(67322..67435)], trnK-UUU [complement(1388..1422)], trnK-UUU [complement(3920..3956)], rps16 [complement(4516..4733)], rps16 [complement(5555..5594)], trnG-UCC [complement(12879..12926)], trnG-UCC [complement(13601..13623)], atpF [33593..33737], atpF [34584..34990], ycf3 [complement(42768..42928)], ycf3 [complement(43638..43863)], ycf3 [complement(44610..44735)], trnL-UAA [47499..47533], trnL-UAA [48063..48112], trnV-UAC [complement(51611..51647)], trnV-UAC [complement(52244..52282)], rps12 [125769..126000], rps12 [126541..126569], petB [71172..71177], petB [72006..72647], petD [72835..72842], petD [73593..74067], rpl16 [complement(77687..78088)], rpl16 [complement(79055..79063)], rpl2 [complement(81062..81492)], rpl2 [complement(82156..82546)], ndhB [complement(85115..85870)], ndhB [complement(86583..87359)], trnI-GAU [92824..92860], trnI-GAU [93667..93701], trnA-UGC [93767..93804], trnA-UGC [94616..94650], ndhA [complement(110657..111195)], ndhA [complement(112227..112776)], trnA-UGC [complement(120107..120141)], trnA-UGC [complement(120953..120990)], trnI-GAU [complement(121056..121090)], trnI-GAU [complement(121897..121933)], ndhB [127398..128174], ndhB [128887..129642], rpl2 [132211..132601], rpl2 [133265..133695]	trnK-UUU [complement(1423..3919)], rps16 [complement(4734..5554)], trnG-UCC [complement(12927..13600)], atpF [33738..34583], ycf3 [complement(42929..43637)], ycf3 [complement(43864..44609)], trnL-UAA [47534..48062], trnV-UAC [complement(51648..52243)], petB [71178..72005], petD [72843..73592], rpl16 [complement(78089..79054)], rpl2 [complement(81493..82155)], ndhB [complement(85871..86582)], trnI-GAU [92861..93666], trnA-UGC [93805..94615], ndhA [complement(111196..112226)], trnA-UGC [complement(120142..120952)], trnI-GAU [complement(121091..121896)], ndhB [128175..128886], rpl2 [132602..133264]
2502.	ORAT	21	trnK-UUU [complement(71..105)], trnK-UUU [complement(2582..2618)], atpF [14654..14798], atpF [15488..15897], trnL-UAA [19969..20005], trnL-UAA [20493..20541], rps12 [27826..27939], rps12 [complement(46339..46570)], rps12 [complement(45773..45798)], rpl16	trnK-UUU [complement(106..2581)], atpF [14799..15487], trnL-UAA [20006..20492], rpl16 [complement(32336..33135)], rpl2 [complement(35237..35903)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(31937..32335)], rpl16 [complement(33136..33144)], rpl2 [complement(34803..35236)], rpl2 [complement(35904..36294)], trnI-GAU [50117..50153], trnI-GAU [50466..50498]	[50154..50465]
2503.	ORAU	39	rps12 [complement(88989..89017)], rps12 [complement(89558..89789)], trnK-UUU [complement(1364..1398)], trnK-UUU [complement(3884..3920)], trnG-UCC [complement(13020..13067)], trnG-UCC [complement(13885..13908)], trnL-UAA [46731..46765], trnL-UAA [47306..47355], trnV-UAC [complement(50721..50757)], trnV-UAC [complement(51354..51392)], rps12 [127282..127310], trnI-GAU [93613..93649], trnI-GAU [94599..94633], trnA-UGC [94698..94735], trnA-UGC [95547..95581], trnA-UGC [complement(120718..120752)], trnA-UGC [complement(121564..121601)], trnI-GAU [complement(121666..121700)], trnI-GAU [complement(122650..122686)]	trnK-UUU [complement(1399..3883)], rps16 [complement(4696..5557)], trnG-UCC [complement(13068..13884)], atpF [33096..33921], ycf3 [complement(42218..42935)], ycf3 [complement(43164..43899)], trnL-UAA [46766..47305], trnV-UAC [complement(50758..51353)], petB [71720..72530], petD [73374..74117], rpl16 [complement(78607..79670)], rpl2 [complement(82098..82760)], ndhB [complement(86672..87383)], trnI-GAU [93650..94598], trnA-UGC [94736..95546], ndhA [complement(111853..112814)], trnA-UGC [complement(120753..121563)], trnI-GAU [complement(121701..122649)], ndhB [128916..129627], rpl2 [133539..134201]
2504.	ORBA	35	rps12 [complement(89120..89359)], rps12 [complement(67479..67595)], rps16 [complement(4495..4641)], rps16 [complement(5521..5562)], atpF [32761..32905], atpF [33734..34140], ycf3 [complement(41892..42047)], ycf3 [complement(42775..43004)], ycf3 [complement(43744..43870)], rps12 [126001..126240], rpl2 [complement(81274..81704)], rpl2 [complement(82365..82758)], ndhB [complement(85489..86246)], ndhB [complement(86956..87733)], trnA-UGC [94274..94310], trnA-UGC [94351..94378], ndhA [complement(110774..111312)], ndhA [complement(112298..112850)], trnA-UGC [complement(120982..121011)], trnA-UGC [complement(121048..121086)], ndhB [127627..128401], ndhB [129114..129871], rpl2 [132602..132992], rpl2 [133656..134086]	rps16 [complement(4642..5520)], atpF [32906..33733], ycf3 [complement(42048..42774)], ycf3 [complement(43005..43743)], rpl2 [complement(81705..82364)], ndhB [complement(86247..86955)], trnA-UGC [94311..94350], ndhA [complement(111313..112297)], trnA-UGC [complement(121012..121047)], ndhB [128402..129113], rpl2 [132993..133655]
2505.	ORBR	37	trnK-UUU [complement(1366..1400)], trnK-UUU [complement(3904..3940)],	trnK-UUU [complement(1401..3903)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [complement(12838..12885)], trnG-UCC [complement(13713..13736)], trnL-UAA [46853..46887], trnL-UAA [47394..47443], trnV-UAC [complement(50755..50791)], trnV-UAC [complement(51388..51426)], rps12 [126714..126742], trnI-GAU [92906..92942], trnI-GAU [93894..93928], trnA-UGC [93993..94030], trnA-UGC [94842..94876], trnA-UGC [complement(120140..120174)], trnA-UGC [complement(120986..121023)], trnI-GAU [complement(121088..121122)], trnI-GAU [complement(122074..122110)]	[complement(4648..5447)], trnG-UCC [complement(12886..13712)], atpF [33270..34099], ycf3 [complement(42333..43053)], ycf3 [complement(43282..44011)], trnL-UAA [46888..47393], trnV-UAC [complement(50792..51387)], petB [71122..71938], petD [72782..73525], rpl16 [complement(77972..79009)], rpl2 [complement(81434..82096)], ndhB [complement(85957..86668)], trnI-GAU [92943..93893], trnA-UGC [94031..94841], ndhA [complement(111213..112201)], trnA-UGC [complement(120175..120985)], trnI-GAU [complement(121123..122073)], ndhB [128348..129059], rpl2 [132920..133582]
2506.	ORCO	18	ndhB [complement(85620..86377)], trnA-UGC [94408..94444], trnA-UGC [94485..94512], ndhA [complement(110856..111394)], trnA-UGC [complement(121056..121085)], trnA-UGC [complement(121122..121160)], rpl2 [133732..134163]	rps16 [complement(4927..5735)], atpF [33111..33938], ycf3 [complement(42235..42963)], ycf3 [complement(43192..43936)], rpl2 [complement(81837..82499)], ndhB [complement(86378..87086)], trnA-UGC [94445..94484], ndhA [complement(111395..112378)], trnA-UGC [complement(121086..121121)], ndhB [128479..129190], rpl2 [133069..133731]
2507.	ORCR	11	rps12 [complement(52527..52758)], rps12 [complement(34861..34974)], rps16 [complement(3757..3983)], rps16 [complement(4816..4855)], atpF [complement(9190..9587)], atpF [complement(10299..10443)], rps12 [77826..78057]	rps16 [complement(3984..4815)], atpF [complement(9588..10298)], rpl16 [complement(38693..39498)], rpl2 [complement(41760..42310)]
2508.	ORDE	21	trnL-UAA [18265..18301], trnL-UAA [18600..18648], rps12 [complement(27126..27239)], rps12 [73064..73292], rps12 [73833..73858],	trnK-UUU [complement(181..2748)], rps16 [complement(3809..4618)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(30888..31286)], rpl16 [complement(32026..32034)], rpl2 [complement(33691..34124)], rpl2 [complement(34786..35176)], trnI-GAU [48725..48761], trnI-GAU [49352..49384], trnA-UGC [49449..49485], trnA-UGC [50294..50328]	[complement(8353..9036)], trnL-UAA [18302..18599], rpl16 [complement(31287..32025)], rpl2 [complement(34125..34785)], trnI-GAU [48762..49351], trnA-UGC [49486..50293]
2509.	ORDI	72	rps12 [complement(97293..97318)], rps12 [complement(97856..98087)], rps12 [complement(68659..68772)], trnK [complement(1803..1837)], trnK [complement(4412..4448)], rps16 [complement(5095..5321)], rps16 [complement(6208..6247)], trnG [8538..8560], trnG [9284..9332], atpF [complement(11471..11880)], atpF [complement(12616..12760)], rpoC1 [complement(20198..21808)], rpoC1 [complement(22587..23018)], ycf3 [complement(42101..42253)], ycf3 [complement(43066..43293)], ycf3 [complement(44019..44144)], trnL [46639..46673], trnL [46986..47035], trnV [complement(50610..50644)], trnV [complement(51258..51296)], rps12 [139147..139378], rps12 [139916..139941], clpP [complement(68956..69183)], clpP [complement(69755..70046)], clpP [complement(70961..71031)], petB [74002..74007], petB [74876..75517], petD [75721..75728], petD [76434..76908], rpl16 [complement(80425..80823)], rpl16 [complement(81923..81931)], rpl2 [complement(83624..84058)], rpl2 [complement(84741..85130)], ndhB [complement(94244..95005)], ndhB [complement(95683..96459)], trnI [102014..102050], trnI [102860..102894], trnA [102959..102996], trnA [103786..103820], ndhA [complement(119180..119709)], ndhA [complement(120784..121336)], trnA [complement(133414..133448)], trnA [complement(134238..134275)], trnI [complement(134340..134374)], trnI [complement(135184..135220)], ndhB [140775..141551], ndhB [142229..142990], rpl2 [152104..152493], rpl2 [153176..153610]	trnK [complement(1838..4411)], rps16 [complement(5322..6207)], trnG [8561..9283], atpF [complement(11881..12615)], rpoC1 [complement(21809..22586)], ycf3 [complement(42254..43065)], ycf3 [complement(43294..44018)], trnL [46674..46985], trnV [complement(50645..51257)], clpP [complement(69184..69754)], clpP [complement(70047..70960)], petB [74008..74875], petD [75729..76433], rpl16 [complement(80824..81922)], rpl2 [complement(84059..84740)], ndhB [complement(95006..95682)], trnI [102051..102859], trnA [102997..103785], ndhA [complement(119710..120783)], trnA [complement(133449..134237)], trnI [complement(134375..135183)], ndhB [141552..142228], rpl2 [152494..153175]
2510.	OREI	59	rps12 [complement(89289..89531)], rps12 [complement(67664..67777)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3894..3930)], rps16 [complement(4491..4708)], rps16 [complement(5566..5605)], atpF [32763..32906], atpF [33726..34133], ycf3 [complement(41888..42046)], ycf3 [complement(42782..43009)], ycf3 [complement(43752..43877)], trnL-UAA	trnK-UUU [complement(1408..3893)], rps16 [complement(4709..5565)], atpF [32907..33725], ycf3 [complement(42047..42781)], ycf3 [complement(43010..43751)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[46575..46609], trnL-UAA [47151..47200], trnV-UAC [complement(50572..50608)], trnV-UAC [complement(51205..51243)], rps12 [126144..126386], petB [71507..71512], petB [72327..72968], petD [73160..73169], petD [73918..74390], rpl16 [complement(77987..78388)], rpl16 [complement(79453..79461)], rpl2 [complement(81443..81874)], rpl2 [complement(82538..82927)], ndhB [complement(85658..86413)], ndhB [complement(87126..87902)], trnI-GAU [93356..93392], trnI-GAU [94341..94375], trnA-UGC [94440..94477], trnA-UGC [95289..95323], ndhA [complement(110923..111462)], ndhA [complement(112450..112998)], trnA-UGC [complement(120352..120386)], trnA-UGC [complement(121198..121235)], trnI-GAU [complement(121300..121334)], trnI-GAU [complement(122283..122319)], ndhB [127773..128549], ndhB [129262..130017], rpl2 [132748..133137], rpl2 [133801..134232]	[46610..47150], trnV-UAC [complement(50609..51204)], petB [71513..72326], petD [73170..73917], rpl16 [complement(78389..79452)], rpl2 [complement(81875..82537)], ndhB [complement(86414..87125)], trnI-GAU [93393..94340], trnA-UGC [94478..95288], ndhA [complement(111463..112449)], trnA-UGC [complement(120387..121197)], trnI-GAU [complement(121335..122282)], ndhB [128550..129261], rpl2 [133138..133800]
2511.	ORE M	82	rps12 [complement(102263..102289)], rps12 [complement(102840..103070)], rps12 [complement(72723..72836)], trnK-UUU [complement(1665..1693)], trnK-UUU [complement(4292..4328)], trnL-UAA [12801..12837], trnL-UAA [13358..13407], trnV-UAC [complement(16698..16734)], trnV-UAC [complement(17319..17357)], trnG-GCC [17842..17864], trnG-GCC [18568..18616], atpF [complement(20975..21381)], atpF [complement(22104..22248)], rpoC1 [complement(29896..31511)], rpoC1 [complement(32290..32719)], ycf3 [complement(53579..53730)], ycf3 [complement(54455..54683)], ycf3 [complement(55417..55542)], rps16 [58361..58400], rps16 [59302..59531], rps12 [complement(72723..72836)], rps12 [144333..144563], rps12 [145114..145140], clpP [complement(73010..73237)], clpP [complement(73862..74153)], clpP [complement(74990..75060)], petB [78000..78005], petB [78837..79478], petD [79681..79688], petD [80407..80887], rpl16 [complement(85458..85856)], rpl16 [complement(87000..87008)], rpl2 [complement(88681..89115)], rpl2 [complement(89806..90195)], ndhB [complement(99197..99952)], ndhB [complement(100638..101360)], trnI-GAU [107014..107055], trnI-GAU [108003..108037], trnA-UGC [108098..108135], trnA-UGC [108938..108972], ndhA [121174..121725], ndhA [123004..123543], trnA-UGC	trnK-UUU [complement(1694..4291)], trnL-UAA [12838..13357], trnV-UAC [complement(16735..17318)], trnG-GCC [17865..18567], atpF [complement(21382..22103)], rpoC1 [complement(31512..32289)], ycf3 [complement(53731..54454)], ycf3 [complement(54684..55416)], rps16 [58401..59301], clpP [complement(73238..73861)], clpP [complement(74154..74989)], petB [78006..78836], petD [79689..80406], rpl16 [complement(85857..86999)], rpl2 [complement(89116..89805)], ndhB [complement(99953..100637)], trnI-GAU [107056..108002], trnA-UGC [108136..108937], ndhA [121726..123003], trnA-UGC [complement(138466..139267)], trnI-GAU [complement(139401..140347)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(138431..138465)], trnA-UGC [complement(139268..139305)], trnI-GAU [complement(139366..139400)], trnI-GAU [complement(140348..140389)], ndhB [146043..146765], ndhB [147451..148206], rpl2 [157208..157597], rpl2 [158288..158722], rpl16 [160395..160403], rpl16 [161547..161945], petD [complement(166516..166996)], petD [complement(167715..167722)], petB [complement(167925..168566)], petB [complement(169398..169403)]	ndhB [146766..147450], rpl2 [157598..158287], rpl16 [160404..161546], petD [complement(166997..167714)], petB [complement(168567..169397)]
2512.	ORGA	42	rps12 [complement(65574..65687)], trnK [complement(1363..1397)], trnK [complement(3796..3832)], trnG [complement(12767..12817)], trnG [complement(13494..13517)], atpF [32864..33270], trnL [45759..45793], trnL [46335..46384], trnV [complement(49880..49907)], trnV [complement(50517..50555)], rps12 [124639..124667], rpl2 [complement(79285..79715)], rpl2 [complement(80379..80781)], trnI [91180..91216], trnI [92033..92067], trnA [92132..92169], trnA [92981..93015], trnA [complement(118307..118341)], trnA [complement(119153..119190)], trnI [complement(119255..119289)], trnI [complement(120094..120130)], rpl2 [130505..130907]	trnK [complement(1398..3795)], rps16 [complement(4530..5427)], trnG [complement(12818..13493)], atpF [32036..32863], ycf3 [complement(41154..41880)], ycf3 [complement(42111..42852)], trnL [45794..46334], trnV [complement(49908..50516)], petB [69452..70264], petD [71106..71853], rpl16 [complement(76268..77294)], rpl2 [complement(79716..80378)], ndhB [complement(84320..85031)], trnI [91217..92032], trnA [92170..92980], ndhA [complement(109433..110463)], trnA [complement(118342..119152)], trnI [complement(119290..120093)], ndhB [126277..126988], rpl2 [130908..131560]
2513.	ORGL	35	rps12 [complement(89049..89288)], rps12 [complement(67408..67524)], rps16 [complement(4487..4630)], rps16 [complement(5513..5554)], atpF [32753..32897], atpF [33727..34133], ycf3 [complement(41865..42020)], ycf3 [complement(42748..42977)], ycf3 [complement(43717..43843)], rps12 [125909..126148], rpl2 [complement(81203..81633)], rpl2 [complement(82294..82687)], ndhB [complement(85418..86175)], ndhB [complement(86885..87662)], trnA-UGC [94203..94239], trnA-UGC [94280..94307], ndhA [complement(110681..111219)], ndhA	rps16 [complement(4631..5512)], atpF [32898..33726], ycf3 [complement(42021..42747)], ycf3 [complement(42978..43716)], rpl2 [complement(81634..82293)], ndhB [complement(86176..86884)], trnA-UGC [94240..94279], ndhA [complement(111220..112203)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(112204..112756)], trnA-UGC [complement(120890..120919)], trnA-UGC [complement(120956..120994)], ndhB [127535..128309], ndhB [129022..129779], rpl2 [132510..132900], rpl2 [133564..133994]	[complement(120920..120955)], ndhB [128310..129021], rpl2 [132901..133563]
2514.	ORGN	59	rps12 [complement(89611..89853)], rps12 [complement(67962..68075)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3895..3931)], rps16 [complement(4492..4709)], rps16 [complement(5567..5606)], atpF [33083..33226], atpF [34047..34454], ycf3 [complement(42208..42366)], ycf3 [complement(43090..43317)], ycf3 [complement(44060..44185)], trnL-UAA [46887..46921], trnL-UAA [47463..47512], trnV-UAC [complement(50884..50920)], trnV-UAC [complement(51517..51555)], rps12 [126474..126716], petB [71805..71810], petB [72630..73271], petD [73463..73472], petD [74221..74693], rpl16 [complement(78313..78714)], rpl16 [complement(79776..79784)], rpl2 [complement(81765..82196)], rpl2 [complement(82860..83249)], ndhB [complement(85980..86735)], ndhB [complement(87448..88224)], trnI-GAU [93678..93714], trnI-GAU [94663..94697], trnA-UGC [94762..94799], trnA-UGC [95611..95645], ndhA [complement(111253..111792)], ndhA [complement(112780..113328)], trnA-UGC [complement(120682..120716)], trnA-UGC [complement(121528..121565)], trnI-GAU [complement(121630..121664)], trnI-GAU [complement(122613..122649)], ndhB [128103..128879], ndhB [129592..130347], rpl2 [133078..133467], rpl2 [134131..134562]	trnK-UUU [complement(1408..3894)], rps16 [complement(4710..5566)], atpF [33227..34046], ycf3 [complement(42367..43089)], ycf3 [complement(43318..44059)], trnL-UAA [46922..47462], trnV-UAC [complement(50921..51516)], petB [71811..72629], petD [73473..74220], rpl16 [complement(78715..79775)], rpl2 [complement(82197..82859)], ndhB [complement(86736..87447)], trnI-GAU [93715..94662], trnA-UGC [94800..95610], ndhA [complement(111793..112779)], trnA-UGC [complement(120717..121527)], trnI-GAU [complement(121665..122612)], ndhB [128880..129591], rpl2 [133468..134130]
2515.	ORGR	4	rpl16 [complement(30612..31013)], rpl2 [complement(33461..33895)]	rpl16 [complement(31014..31818)], rpl2 [complement(33896..34559)]
2516.	ORHO	82	rps12 [complement(100622..100647)], rps12 [complement(101179..101410)], rps12 [complement(71309..71422)], trnK-UUU [complement(1637..1671)], trnK-UUU [complement(4265..4301)], trnL-UAA [12469..12503], trnL-UAA [13037..13086], trnV-UAC [complement(16528..16564)], trnV-UAC [complement(17151..17189)], trnG-UCC [17655..17677], trnG-UCC [18375..18423], atpF [complement(20707..21113)], atpF [complement(21845..21989)], rpoC1 [complement(29378..30993)], rpoC1 [complement(31794..32223)], ycf3 [complement(52366..52518)], ycf3 [complement(53222..53449)], ycf3 [complement(54174..54299)], rps16	trnK-UUU [complement(1672..4264)], trnL-UAA [12504..13036], trnV-UAC [complement(16565..17150)], trnG-UCC [17678..18374], atpF [complement(21114..21844)], rpoC1 [complement(30994..31793)], ycf3 [complement(52519..53221)], ycf3 [complement(53450..54173)], rps16 [57182..58102], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[57142..57181], rps16 [58103..58332], rps12 [complement(71309..71422)], rps12 [142528..142759], rps12 [143291..143316], clpP [complement(71597..71824)], clpP [complement(72421..72717)], clpP [complement(73551..73619)], petB [76555..76560], petB [77329..78027], petD [78230..78237], petD [78914..79436], rpl16 [complement(83936..84337)], rpl16 [complement(85449..85457)], rpl2 [complement(87061..87495)], rpl2 [complement(88189..88581)], ndhB [complement(97554..98309)], ndhB [complement(98995..99717)], trnI-GAU [105345..105381], trnI-GAU [106339..106373], trnA-UGC [106433..106470], trnA-UGC [107273..107307], ndhA [complement(122077..122615)], ndhA [complement(123875..124427)], trnA-UGC [complement(136631..136665)], trnA-UGC [complement(137468..137505)], trnI-GAU [complement(137565..137599)], trnI-GAU [complement(138557..138593)], ndhB [144221..144943], ndhB [145629..146384], rpl2 [155357..155749], rpl2 [156443..156877], rpl16 [158481..158489], rpl16 [159601..160002], petD [complement(164502..165024)], petD [complement(165701..165708)], petB [complement(165911..166612)], petB [complement(167378..167383)]	[complement(71825..72420)], clpP [complement(72718..73550)], petB [76561..77328], petD [78238..78913], rpl16 [complement(84338..85448)], rpl2 [complement(87496..88188)], ndhB [complement(98310..98994)], trnI-GAU [105382..106338], trnA-UGC [106471..107272], ndhA [complement(122616..123874)], trnA-UGC [complement(136666..137467)], trnI-GAU [complement(137600..138556)], ndhB [144944..145628], rpl2 [155750..156442], rpl16 [158490..159600], petD [complement(165025..165700)], petB [complement(166613..167377)]
2517.	ORHU	72	rps12 [complement(96880..96905)], rps12 [complement(97443..97674)], rps12 [complement(68343..68456)], trnK [complement(1718..1752)], trnK [complement(4323..4359)], rps16 [complement(5017..5243)], rps16 [complement(6143..6182)], trnG [8465..8487], trnG [9210..9258], atpF [complement(11378..11787)], atpF [complement(12518..12662)], rpoC1 [complement(20152..21762)], rpoC1 [complement(22541..22972)], ycf3 [complement(42077..42229)], ycf3 [complement(43035..43262)], ycf3 [complement(43985..44110)], trnL [46585..46619], trnL [46932..46981], trnV [complement(50523..50557)], trnV [complement(51173..51211)], rps12 [138571..138802], rps12 [139340..139365], clpP [complement(68640..68867)], clpP [complement(69442..69733)], clpP [complement(70643..70713)], petB [73685..73690], petB [74501..75142], petD [75345..75352], petD [76058..76532], rpl16 [complement(80013..80411)], rpl16 [complement(81513..81521)], rpl2 [complement(83228..83662)], rpl2 [complement(84345..84734)], ndhB [complement(93830..94591)], ndhB	trnK [complement(1753..4322)], rps16 [complement(5244..6142)], trnG [8488..9209], atpF [complement(11788..12517)], rpoC1 [complement(21763..22540)], ycf3 [complement(42230..43034)], ycf3 [complement(43263..43984)], trnL [46620..46931], trnV [complement(50558..51172)], clpP [complement(68868..69441)], clpP [complement(69734..70642)], petB [73691..74500], petD [75353..76057], rpl16 [complement(80412..81512)], rpl2 [complement(83663..84344)], ndhB [complement(94592..95268)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(95269..96045)], trnI [101600..101636], trnI [102446..102480], trnA [102545..102582], trnA [103372..103406], ndhA [complement(118629..119158)], ndhA [complement(120234..120786)], trnA [complement(132839..132873)], trnA [complement(133663..133700)], trnI [complement(133765..133799)], trnI [complement(134609..134645)], ndhB [140200..140976], ndhB [141654..142415], rpl2 [151511..151900], rpl2 [152583..153017]	[101637..102445], trnA [102583..103371], ndhA [complement(119159..120233)], trnA [complement(132874..133662)], trnI [complement(133800..134608)], ndhB [140977..141653], rpl2 [151901..152582]
2518.	ORKO	64	rps12 [complement(88442..88470)], rps12 [complement(89011..89242)], rps12 [complement(67561..67674)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3918..3955)], rps16 [complement(4501..4718)], rps16 [complement(5558..5597)], trnG-UCC [complement(13055..13102)], trnG-UCC [complement(13784..13806)], atpF [33339..33497], atpF [34339..34746], ycf3 [complement(42572..42730)], ycf3 [complement(43460..43687)], ycf3 [complement(44436..44561)], trnL-UAA [47289..47323], trnL-UAA [47863..47912], trnV-UAC [complement(51413..51459)], trnV-UAC [complement(52047..52085)], rps12 [125362..125593], rps12 [126134..126162], petB [71392..71397], petB [72169..72816], petD [73016..73023], petD [73765..74239], rpl16 [complement(77788..78189)], rpl16 [complement(79267..79275)], rpl2 [complement(81218..81649)], rpl2 [complement(82310..82702)], ndhB [complement(85370..86126)], ndhB [complement(86838..87613)], trnI-GAU [93072..93113], trnI-GAU [93824..93858], trnA-UGC [93924..93961], trnA-UGC [94772..94806], ndhA [complement(110340..110879)], ndhA [complement(111899..112447)], trnA-UGC [complement(119798..119832)], trnA-UGC [complement(120643..120680)], trnI-GAU [complement(120746..120780)], trnI-GAU [complement(121491..121532)], ndhB [126991..127766], ndhB [128478..129234], rpl2 [131902..132294], rpl2 [132955..133386]	trnK-UUU [complement(1421..3917)], rps16 [complement(4719..5557)], trnG-UCC [complement(13103..13783)], atpF [33498..34338], ycf3 [complement(42731..43459)], ycf3 [complement(43688..44435)], trnL-UAA [47324..47862], trnV-UAC [complement(51460..52046)], petB [71398..72168], petD [73024..73764], rpl16 [complement(78190..79266)], rpl2 [complement(81650..82309)], ndhB [complement(86127..86837)], trnI-GAU [93114..93823], trnA-UGC [93962..94771], ndhA [complement(110880..111898)], trnA-UGC [complement(119833..120642)], trnI-GAU [complement(120781..121490)], ndhB [127767..128477], rpl2 [132295..132954]
2519.	ORLA	59	rps12 [complement(89648..89890)], rps12 [complement(67962..68075)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3894..3930)], rps16 [complement(4491..4708)], rps16 [complement(5566..5605)], atpF [33081..33224], atpF [34044..34451], ycf3 [complement(42205..42363)], ycf3 [complement(43087..43314)], ycf3 [complement(44057..44182)], trnL-UAA	trnK-UUU [complement(1408..3893)], rps16 [complement(4709..5565)], atpF [33225..34043], ycf3 [complement(42364..43086)], ycf3 [complement(43315..44056)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[46878..46912], trnL-UAA [47454..47503], trnV-UAC [complement(50875..50911)], trnV-UAC [complement(51508..51546)], rps12 [126512..126754], petB [71805..71810], petB [72626..73267], petD [73459..73468], petD [74217..74689], rpl16 [complement(78338..78739)], rpl16 [complement(79803..79811)], rpl2 [complement(81802..82233)], rpl2 [complement(82897..83286)], ndhB [complement(86017..86772)], ndhB [complement(87485..88261)], trnI-GAU [93715..93751], trnI-GAU [94700..94734], trnA-UGC [94799..94836], trnA-UGC [95648..95682], ndhA [complement(111291..111830)], ndhA [complement(112818..113366)], trnA-UGC [complement(120720..120754)], trnA-UGC [complement(121566..121603)], trnI-GAU [complement(121668..121702)], trnI-GAU [complement(122651..122687)], ndhB [128141..128917], ndhB [129630..130385], rpl2 [133116..133505], rpl2 [134169..134600]	[46913..47453], trnV-UAC [complement(50912..51507)], petB [71811..72625], petD [73469..74216], rpl16 [complement(78740..79802)], rpl2 [complement(82234..82896)], ndhB [complement(86773..87484)], trnI-GAU [93752..94699], trnA-UGC [94837..95647], ndhA [complement(111831..112817)], trnA-UGC [complement(120755..121565)], trnI-GAU [complement(121703..122650)], ndhB [128918..129629], rpl2 [133506..134168]
2520.	ORLN	59	rps12 [complement(89988..90230)], rps12 [complement(68449..68562)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3927..3963)], rps16 [complement(4522..4739)], rps16 [complement(5579..5618)], atpF [33972..34115], atpF [34944..35351], ycf3 [complement(43084..43242)], ycf3 [complement(43972..44199)], ycf3 [complement(44940..45065)], trnL-UAA [47787..47821], trnL-UAA [48362..48411], trnV-UAC [complement(51719..51755)], trnV-UAC [complement(52352..52390)], rps12 [127034..127276], petB [72297..72302], petB [73121..73762], petD [73954..73963], petD [74712..75184], rpl16 [complement(78750..79151)], rpl16 [complement(80221..80229)], rpl2 [complement(82210..82641)], rpl2 [complement(83304..83693)], ndhB [complement(86357..87112)], ndhB [complement(87825..88601)], trnI-GAU [94082..94118], trnI-GAU [95069..95103], trnA-UGC [95168..95205], trnA-UGC [96017..96051], ndhA [complement(111818..112357)], ndhA [complement(113310..113858)], trnA-UGC [complement(121213..121247)], trnA-UGC [complement(122059..122096)], trnI-GAU [complement(122161..122195)], trnI-GAU [complement(123146..123182)], ndhB [128663..129439], ndhB [130152..130907], rpl2 [133571..133960], rpl2 [134623..135054]	trnK-UUU [complement(1408..3926)], rps16 [complement(4740..5578)], atpF [34116..34943], ycf3 [complement(43243..43971)], ycf3 [complement(44200..44939)], trnL-UAA [47822..48361], trnV-UAC [complement(51756..52351)], petB [72303..73120], petD [73964..74711], rpl16 [complement(79152..80220)], rpl2 [complement(82642..83303)], ndhB [complement(87113..87824)], trnI-GAU [94119..95068], trnA-UGC [95206..96016], ndhA [complement(112358..113309)], trnA-UGC [complement(121248..122058)], trnI-GAU [complement(122196..123145)], ndhB [129440..130151], rpl2 [133961..134622]
2521.	ORLO	35	rps12 [complement(89032..89271)], rps12 [complement(67389..67505)],	rps16 [complement(4634..5512)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(4487..4633)], rps16 [complement(5513..5554)], atpF [32730..32874], atpF [33704..34110], ycf3 [complement(41842..41997)], ycf3 [complement(42725..42954)], ycf3 [complement(43694..43820)], rps12 [125893..126132], rpl2 [complement(81186..81616)], rpl2 [complement(82277..82670)], ndhB [complement(85401..86158)], ndhB [complement(86868..87645)], trnA-UGC [94186..94222], trnA-UGC [94263..94290], ndhA [complement(110664..111202)], ndhA [complement(112188..112740)], trnA-UGC [complement(120874..120903)], trnA-UGC [complement(120940..120978)], ndhB [127519..128293], ndhB [129006..129763], rpl2 [132494..132884], rpl2 [133548..133978]	[32875..33703], ycf3 [complement(41998..42724)], ycf3 [complement(42955..43693)], rpl2 [complement(81617..82276)], ndhB [complement(86159..86867)], trnA-UGC [94223..94262], ndhA [complement(111203..112187)], trnA-UGC [complement(120904..120939)], ndhB [128294..129005], rpl2 [132885..133547]
2522.	ORME	25	trnK-UUU [complement(1373..1401)], trnK-UUU [complement(3896..3932)], trnL-UAA [46546..46580], trnL-UAA [47122..47171], trnV-UAC [complement(50364..50400)], trnV-UAC [complement(50997..51035)], trnI-GAU [93109..93150], trnI-GAU [94094..94128], trnA-UGC [94193..94230], trnA-UGC [95042..95076], trnA-UGC [complement(120088..120122)], trnA-UGC [complement(120934..120971)], trnI-GAU [complement(121036..121070)], trnI-GAU [complement(122014..122055)]	trnK-UUU [complement(1402..3895)], atpF [32902..33714], trnL-UAA [46581..47121], trnV-UAC [complement(50401..50996)], ndhB [complement(86164..86875)], trnI-GAU [93151..94093], trnA-UGC [94231..95041], ndhA [complement(111199..112186)], trnA-UGC [complement(120123..120933)], trnI-GAU [complement(121071..122013)], ndhB [128289..129000]
2523.	ORMI	31	rps12 [complement(89445..89687)], rps12 [complement(67768..67881)], rps12 [complement(126381..126614)], trnK-UUU [complement(1364..1392)], trnK-UUU [complement(3886..3922)], trnL-UAA [46625..46659], trnL-UAA [47202..47251], trnV-UAC [complement(50618..50654)], trnV-UAC [complement(51251..51289)], trnA-UGC [94595..94632], trnA-UGC [95444..95478], trnA-UGC [complement(120593..120627)], trnA-UGC [complement(121439..121476)], trnI-GAU [complement(121541..121575)], trnI-GAU [complement(122519..122560)]	trnK-UUU [complement(1393..3885)], atpF [32981..33789], ycf3 [complement(42099..42817)], ycf3 [complement(43046..43782)], trnL-UAA [46660..47201], trnV-UAC [complement(50655..51250)], rpl2 [complement(81997..82656)], ycf2 [83979..84173], ndhB [complement(86570..87281)], trnA-UGC [94633..95443], ndhA [complement(111726..112690)], trnA-UGC [complement(120628..121438)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(121576..122518)], ndhB [128790..129501], ycf2 [complement(131898..131920)], rpl2 [133415..134074]
2524.	ORM Y	59	rps12 [complement(90365..90607)], rps12 [complement(68621..68734)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3901..3937)], rps16 [complement(4496..4713)], rps16 [complement(5555..5594)], atpF [33974..34117], atpF [34947..35354], ycf3 [complement(43090..43248)], ycf3 [complement(43972..44199)], ycf3 [complement(44941..45066)], trnL-UAA [47784..47818], trnL-UAA [48360..48409], trnV-UAC [complement(51785..51821)], trnV-UAC [complement(52418..52456)], rps12 [127359..127601], petB [72483..72488], petB [73310..73951], petD [74143..74152], petD [74899..75371], rpl16 [complement(78944..79345)], rpl16 [complement(80430..80438)], rpl2 [complement(82419..82850)], rpl2 [complement(83514..83903)], ndhB [complement(86734..87489)], ndhB [complement(88202..88978)], trnI-GAU [94432..94468], trnI-GAU [95419..95453], trnA-UGC [95518..95555], trnA-UGC [96367..96401], ndhA [complement(112152..112691)], ndhA [complement(113662..114210)], trnA-UGC [complement(121565..121599)], trnA-UGC [complement(122411..122448)], trnI-GAU [complement(122513..122547)], trnI-GAU [complement(123498..123534)], ndhB [128988..129764], ndhB [130477..131232], rpl2 [134063..134452], rpl2 [135116..135547]	trnK-UUU [complement(1408..3900)], rps16 [complement(4714..5554)], atpF [34118..34946], ycf3 [complement(43249..43971)], ycf3 [complement(44200..44940)], trnL-UAA [47819..48359], trnV-UAC [complement(51822..52417)], petB [72489..73309], petD [74153..74898], rpl16 [complement(79346..80429)], rpl2 [complement(82851..83513)], ndhB [complement(87490..88201)], trnI-GAU [94469..95418], trnA-UGC [95556..96366], ndhA [complement(112692..113661)], trnA-UGC [complement(121600..122410)], trnI-GAU [complement(122548..123497)], ndhB [129765..130476], rpl2 [134453..135115]
2525.	OROF	35	rps12 [complement(89384..89623)], rps12 [complement(67753..67869)], rps16 [complement(4492..4638)], rps16 [complement(5565..5606)], atpF [32860..33004], atpF [33824..34230], ycf3 [complement(41985..42140)], ycf3 [complement(42879..43108)], ycf3 [complement(43848..43974)], rps12 [126240..126479], rpl2 [complement(81538..81968)], rpl2 [complement(82629..83022)], ndhB [complement(85753..86510)], ndhB [complement(87220..87997)], trnA-UGC [94534..94570], trnA-UGC [94611..94638], ndhA [complement(111017..111555)], ndhA [complement(112540..113092)], trnA-UGC [complement(121225..121254)], trnA-UGC [complement(121291..121329)], ndhB [127866..128640], ndhB	rps16 [complement(4639..5564)], atpF [33005..33823], ycf3 [complement(42141..42878)], ycf3 [complement(43109..43847)], rpl2 [complement(81969..82628)], ndhB [complement(86511..87219)], trnA-UGC [94571..94610], ndhA [complement(111556..112539)], trnA-UGC [complement(121255..121290)], ndhB [128641..129352], rpl2 [133232..133894]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[129353..130110], rpl2 [132841..133231], rpl2 [133895..134325]	
2526.	ORPA	13	trnK-UUU [complement(166..200)], trnK-UUU [complement(2659..2695)], trnL-UAA [24307..24343], trnL-UAA [24809..24857], rps12 [78954..78980], rpl16 [complement(38433..38837)], trnI-GAU [56646..56682], trnI-GAU [57172..57204]	trnK-UUU [complement(201..2658)], trnL-UAA [24344..24808], rpl16 [complement(38838..39635)], rpl2 [complement(41738..42410)], trnI-GAU [56683..57171]
2527.	ORPE	28	rps12 [complement(97180..97422)], rps12 [complement(68845..68958)], trnK-UUU [complement(1570..1599)], trnK-UUU [complement(4128..4164)], ycf3 [complement(42629..42858)], rps12 [137717..137959]	trnK-UUU [complement(1600..4127)], rps16 [complement(5177..6062)], rpoC1 [16113..16835], atpF [26454..27163], trnG-UCC [complement(29648..30371)], ycf3 [complement(41889..42628)], ycf3 [complement(42859..43555)], trnL-UAA [46595..47033], trnV-UAC [complement(50599..51172)], clpP [complement(69404..70019)], clpP [complement(70311..71126)], petB [74149..74904], petD [75743..76458], rpl2 [complement(83964..84639)], ndhB [complement(94371..95040)], trnI-GAU [101387..102163], trnA-UGC [102296..103115], ndhA [115449..116482], trnA-UGC [complement(132024..132843)], trnI-GAU [complement(132976..133752)], ndhB [140099..140768], rpl2 [150501..151176]
2528.	ORPU	59	rps12 [complement(88495..88523)], rps12 [complement(89064..89295)], rps12 [complement(67411..67524)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3896..3932)], rps16 [complement(4493..4641)], rps16 [complement(5550..5589)], atpF [32620..32764], atpF [33594..34000], ycf3 [complement(41729..41887)], ycf3 [complement(42611..42838)], ycf3 [complement(43576..43707)], trnL-UAA [46411..46445], trnL-UAA [46988..47037], trnV-UAC [complement(50320..50356)], trnV-UAC	trnK-UUU [complement(1408..3895)], rps16 [complement(4642..5549)], atpF [32765..33593], ycf3 [complement(41888..42610)], ycf3 [complement(42839..43575)], trnL-UAA [46446..46987], trnV-UAC [complement(50357..50952)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(50953..50991)], petB [71255..71260], petB [72074..72715], petD [72907..72916], petD [73663..74135], rpl16 [complement(77754..78155)], rpl16 [complement(79218..79226)], rpl2 [complement(81207..81638)], rpl2 [complement(82299..82691)], ndhB [complement(85422..86177)], ndhB [complement(86890..87666)], trnI-GAU [93119..93160], trnI-GAU [94104..94138], trnA-UGC [94203..94240], trnA-UGC [95052..95086], ndhA [complement(110709..111247)], ndhA [complement(112237..112786)], trnA-UGC [complement(120140..120174)], trnA-UGC [complement(120986..121023)], trnI-GAU [complement(121088..121122)], trnI-GAU [complement(122066..122107)], ndhB [127560..128336], ndhB [129049..129804], rpl2 [132535..132927], rpl2 [133588..134019]	[71261..72073], petD [72917..73662], rpl16 [complement(78156..79217)], rpl2 [complement(81639..82298)], ndhB [complement(86178..86889)], trnI-GAU [93161..94103], trnA-UGC [94241..95051], ndhA [complement(111248..112236)], trnA-UGC [complement(120175..120985)], trnI-GAU [complement(121123..122065)], ndhB [128337..129048], rpl2 [132928..133587]
2529.	ORRA	12	trnL-UAA [22913..22949], trnL-UAA [23408..23456], trnV-UAC [complement(24582..24618)], trnV-UAC [complement(25123..25143)], trnI-GAU [57337..57373], trnI-GAU [57956..57986]	rps16 [complement(3322..4154)], trnL-UAA [22950..23407], trnV-UAC [complement(24619..25122)], rpl16 [complement(39324..40127)], rpl2 [complement(42244..42915)], trnI-GAU [57374..57955]
2530.	ORRH	59	rps12 [complement(89264..89506)], rps12 [complement(67644..67757)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3894..3930)], rps16 [complement(4491..4708)], rps16 [complement(5566..5605)], atpF [32744..32887], atpF [33707..34114], ycf3 [complement(41868..42026)], ycf3 [complement(42762..42989)], ycf3 [complement(43732..43857)], trnL-UAA [46560..46594], trnL-UAA [47136..47185], trnV-UAC [complement(50557..50593)], trnV-UAC [complement(51190..51228)], rps12 [126119..126361], petB [71487..71492], petB [72306..72947], petD [73139..73148], petD [73897..74369], rpl16 [complement(77965..78366)], rpl16 [complement(79428..79436)], rpl2 [complement(81418..81849)], rpl2 [complement(82513..82902)], ndhB [complement(85633..86388)], ndhB [complement(87101..87877)], trnI-GAU [93331..93367], trnI-GAU [94316..94350], trnA-UGC [94415..94452], trnA-UGC [95264..95298], ndhA [complement(110898..111437)], ndhA [complement(112425..112973)], trnA-UGC [complement(120327..120361)], trnA-UGC	trnK-UUU [complement(1408..3893)], rps16 [complement(4709..5565)], atpF [32888..33706], ycf3 [complement(42027..42761)], ycf3 [complement(42990..43731)], trnL-UAA [46595..47135], trnV-UAC [complement(50594..51189)], petB [71493..72305], petD [73149..73896], rpl16 [complement(78367..79427)], rpl2 [complement(81850..82512)], ndhB [complement(86389..87100)], trnI-GAU [93368..94315], trnA-UGC [94453..95263], ndhA [complement(111438..112424)], trnA-UGC [complement(120362..121172)], trnI-GAU [complement(121310..122257)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(121173..121210)], trnI-GAU [complement(121275..121309)], trnI-GAU [complement(122258..122294)], ndhB [127748..128524], ndhB [129237..129992], rpl2 [132723..133112], rpl2 [133776..134207]	[128525..129236], rpl2 [133113..133775]
2531.	ORRI	59	rps12 [complement(90019..90261)], rps12 [complement(68432..68545)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3927..3963)], rps16 [complement(4522..4739)], rps16 [complement(5580..5619)], atpF [33945..34088], atpF [34917..35324], ycf3 [complement(43059..43217)], ycf3 [complement(43947..44174)], ycf3 [complement(44916..45041)], trnL-UAA [47766..47800], trnL-UAA [48341..48390], trnV-UAC [complement(51706..51742)], trnV-UAC [complement(52339..52377)], rps12 [127074..127316], petB [72280..72285], petB [73104..73745], petD [73937..73946], petD [74695..75167], rpl16 [complement(78733..79134)], rpl16 [complement(80202..80210)], rpl2 [complement(82191..82622)], rpl2 [complement(83285..83674)], ndhB [complement(86388..87143)], ndhB [complement(87856..88632)], trnI-GAU [94113..94149], trnI-GAU [95100..95134], trnA-UGC [95199..95236], trnA-UGC [96048..96082], ndhA [complement(111858..112397)], ndhA [complement(113350..113898)], trnA-UGC [complement(121253..121287)], trnA-UGC [complement(122099..122136)], trnI-GAU [complement(122201..122235)], trnI-GAU [complement(123186..123222)], ndhB [128703..129479], ndhB [130192..130947], rpl2 [133661..134050], rpl2 [134713..135144]	trnK-UUU [complement(1408..3926)], rps16 [complement(4740..5579)], atpF [34089..34916], ycf3 [complement(43218..43946)], ycf3 [complement(44175..44915)], trnL-UAA [47801..48340], trnV-UAC [complement(51743..52338)], petB [72286..73103], petD [73947..74694], rpl16 [complement(79135..80201)], rpl2 [complement(82623..83284)], ndhB [complement(87144..87855)], trnI-GAU [94150..95099], trnA-UGC [95237..96047], ndhA [complement(112398..113349)], trnA-UGC [complement(121288..122098)], trnI-GAU [complement(122236..123185)], ndhB [129480..130191], rpl2 [134051..134712]
2532.	ORRP	40	rps12 [complement(73032..73145)], trnK-UUU [complement(1778..1812)], trnK-UUU [complement(4331..4367)], trnG-UCC [9791..9813], trnG-UCC [10531..10577], trnL-UAA [50095..50129], trnL-UAA [50656..50705], trnV-UAC [complement(54324..54358)], trnV-UAC [complement(54935..54972)], rps12 [complement(73032..73145)], rps12 [143665..143690], trnI-GAU [104993..105029], trnI-GAU [105978..106012], trnA-UGC [106077..106114], trnA-UGC [106949..106983], trnA-UGC [complement(137304..137338)], trnA-UGC [complement(138173..138210)], trnI-GAU [complement(138275..138309)], trnI-GAU [complement(139258..139294)]	trnK-UUU [complement(1813..4330)], rps16 [complement(5213..6034)], trnG-UCC [9814..10530], atpF [complement(13052..13790)], rpoC1 [complement(23245..23969)], ycf3 [complement(44988..45730)], ycf3 [complement(45961..46673)], trnL-UAA [50130..50655], trnV-UAC [complement(54359..54934)], clpP [complement(73532..74137)], clpP [complement(74429..75227)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[78172..78981], petD [79820..80529], rpl16 [complement(84853..85863)], ndhB [complement(98297..98975)], trnI-GAU [105030..105977], trnA-UGC [106115..106948], ndhA [complement(123185..124274)], trnA-UGC [complement(137339..138172)], trnI-GAU [complement(138310..139257)], ndhB [145312..145990]
2533.	ORRU	21	trnK-UUU [complement(1363..1397)], trnK-UUU [complement(3896..3932)], trnL-UAA [46534..46568], trnL-UAA [47110..47159], trnV-UAC [complement(50347..50383)], trnV-UAC [complement(50980..51018)], ndhB [complement(86865..87641)], ndhA [complement(112175..112723)], trnA-UGC [complement(120076..120110)], trnA-UGC [complement(120922..120959)], trnI-GAU [complement(121024..121058)], trnI-GAU [complement(122001..122042)]	trnK-UUU [complement(1398..3895)], atpF [32894..33706], trnL-UAA [46569..47109], trnV-UAC [complement(50384..50979)], ndhB [complement(86153..86864)], ndhA [complement(111187..112174)], trnA-UGC [complement(120111..120921)], trnI-GAU [complement(121059..122000)], ndhB [128275..128986]
2534.	ORSA	40	trnK [complement(1372..1406)], trnK [complement(3894..3930)], trnG [complement(12948..12988)], trnG [complement(13668..13691)], atpF [33647..34053], trnL [46475..46509], trnL [47051..47100], trnV [complement(50288..50324)], trnV [complement(50921..50959)], rps12 [126591..126619], trnI [93048..93084], trnI [94032..94066], trnA [94131..94168], trnA [94980..95014], trnA [complement(120025..120059)], trnA [complement(120871..120908)], trnI [complement(120973..121007)], trnI [complement(121955..121991)], ndhB [127448..128224], ndhB [128937..129692]	trnK [complement(1407..3893)], rps16 [complement(4635..5519)], trnG [complement(12989..13667)], atpF [32819..33646], ycf3 [complement(41944..42667)], ycf3 [complement(42898..43639)], trnL [46510..47050], trnV [complement(50325..50920)], petB [71169..71981], petD [72825..73572], rpl16 [complement(78088..79142)], rpl2 [complement(81564..82226)], ndhB [complement(86103..86814)], trnI [93085..94031], trnA [94169..94979], ndhA [complement(111135..112122)], trnA [complement(120060..120870)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(121008..121954)], ndhB [128225..128936], rpl2 [132813..133475]
2535.	ORSE	82	rps12 [complement(100120..100146)], rps12 [complement(100679..100909)], rps12 [complement(70749..70862)], trnK-UUU [complement(1638..1666)], trnK-UUU [complement(4268..4304)], trnL-UAA [12356..12392], trnL-UAA [12924..12973], trnV-UAC [complement(16421..16457)], trnV-UAC [complement(17042..17080)], trnG-GCC [17545..17567], trnG-GCC [18273..18321], atpF [complement(20606..21012)], atpF [complement(21744..21888)], rpoC1 [complement(29271..30886)], rpoC1 [complement(31683..32112)], ycf3 [complement(52090..52241)], ycf3 [complement(52929..53157)], ycf3 [complement(53881..54006)], rps16 [56676..56715], rps16 [57640..57869], rps12 [complement(70749..70862)], rps12 [142060..142290], rps12 [142823..142849], clpP [complement(71030..71257)], clpP [complement(71853..72144)], clpP [complement(72981..73051)], petB [75988..75993], petB [76815..77456], petD [77659..77666], petD [78385..78865], rpl16 [complement(83412..83810)], rpl16 [complement(84925..84933)], rpl2 [complement(86545..86979)], rpl2 [complement(87676..88065)], ndhB [complement(97053..97808)], ndhB [complement(98494..99216)], trnI-GAU [104878..104919], trnI-GAU [105871..105905], trnA-UGC [105965..106002], trnA-UGC [106805..106839], ndhA [119041..119592], ndhA [120859..121398], trnA-UGC [complement(136130..136164)], trnA-UGC [complement(136967..137004)], trnI-GAU [complement(137064..137098)], trnI-GAU [complement(138050..138091)], ndhB [143753..144475], ndhB [145161..145916], rpl2 [154904..155293], rpl2 [155990..156424], rpl16 [158036..158044], rpl16 [159159..159557], petD [complement(164104..164584)], petD [complement(165303..165310)], petB [complement(165513..166154)], petB [complement(166976..166981)]	trnK-UUU [complement(1667..4267)], trnL-UAA [12393..12923], trnV-UAC [complement(16458..17041)], trnG-GCC [17568..18272], atpF [complement(21013..21743)], rpoC1 [complement(30887..31682)], ycf3 [complement(52242..52928)], ycf3 [complement(53158..53880)], rps16 [56716..57639], clpP [complement(71258..71852)], clpP [complement(72145..72980)], petB [75994..76814], petD [77667..78384], rpl16 [complement(83811..84924)], rpl2 [complement(86980..87675)], ndhB [complement(97809..98493)], trnI-GAU [104920..105870], trnA-UGC [106003..106804], ndhA [119593..120858], trnA-UGC [complement(136165..136966)], trnI-GAU [complement(137099..138049)], ndhB [144476..145160], rpl2 [155294..155989], rpl16 [158045..159158], petD [complement(164585..165302)], petB [complement(166155..166975)]
2536.	ORST	56	rps12 [complement(88425..88453)], rps12 [complement(88994..89225)], rps12 [complement(67353..67454)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(3895..3931)], rps16 [complement(4487..4635)], rps16 [complement(5522..5561)], atpF [32700..32844], atpF [33673..34079], ycf3	trnK-UUU [complement(1408..3894)], rps16 [complement(4636..5521)], atpF [32845..33672], ycf3 [complement(41970..42693)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(41811..41969)], ycf3 [complement(42694..42921)], ycf3 [complement(43658..43789)], trnL-UAA [46496..46530], trnL-UAA [47072..47121], trnV-UAC [complement(50320..50356)], trnV-UAC [complement(50942..50980)], petB [71184..71189], petB [72003..72644], petD [72836..72845], petD [73594..74066], rpl16 [complement(77686..78087)], rpl16 [complement(79146..79154)], rpl2 [complement(81149..81568)], rpl2 [complement(82229..82621)], ndhB [complement(85352..86107)], ndhB [complement(86820..87596)], trnA-UGC [94136..94173], trnA-UGC [94985..95019], ndhA [complement(110602..111140)], ndhA [complement(112129..112678)], trnA-UGC [complement(120031..120065)], trnA-UGC [complement(120877..120914)], trnI-GAU [complement(120979..121013)], trnI-GAU [complement(121956..121997)], ndhB [127454..128230], ndhB [128943..129698], rpl2 [132429..132821], rpl2 [133482..133913]	[complement(42922..43657)], trnL-UAA [46531..47071], trnV-UAC [complement(50357..50941)], petB [71190..72002], petD [72846..73593], rpl16 [complement(78088..79145)], rpl2 [complement(81569..82228)], ndhB [complement(86108..86819)], trnA-UGC [94174..94984], ndhA [complement(111141..112128)], trnA-UGC [complement(120066..120876)], trnI-GAU [complement(121014..121955)], ndhB [128231..128942], rpl2 [132822..133481]
2537.	ORTA	72	rps12 [complement(96926..96951)], rps12 [complement(97489..97720)], rps12 [complement(68385..68498)], trnK [complement(1719..1753)], trnK [complement(4319..4355)], rps16 [complement(5001..5227)], rps16 [complement(6127..6166)], trnG [8488..8510], trnG [9234..9282], atpF [complement(11404..11813)], atpF [complement(12545..12689)], rpoC1 [complement(20171..21805)], rpoC1 [complement(22584..23015)], ycf3 [complement(42065..42217)], ycf3 [complement(43024..43251)], ycf3 [complement(43992..44117)], trnL [46593..46627], trnL [46940..46989], trnV [complement(50538..50572)], trnV [complement(51187..51225)], rps12 [138642..138873], rps12 [139411..139436], clpP [complement(68682..68909)], clpP [complement(69483..69774)], clpP [complement(70685..70755)], petB [73727..73732], petB [74541..75182], petD [75380..75387], petD [76091..76565], rpl16 [complement(80060..80458)], rpl16 [complement(81559..81567)], rpl2 [complement(83274..83708)], rpl2 [complement(84391..84780)], ndhB [complement(93876..94637)], ndhB [complement(95315..96091)], trnI [101646..101682], trnI [102492..102526], trnA [102591..102628], trnA [103418..103452], ndhA [complement(118691..119220)], ndhA [complement(120297..120849)], trnA	trnK [complement(1754..4318)], rps16 [complement(5228..6126)], trnG [8511..9233], atpF [complement(11814..12544)], rpoC1 [complement(21806..22583)], ycf3 [complement(42218..43023)], ycf3 [complement(43252..43991)], trnL [46628..46939], trnV [complement(50573..51186)], clpP [complement(68910..69482)], clpP [complement(69775..70684)], petB [73733..74540], petD [75388..76090], rpl16 [complement(80459..81558)], rpl2 [complement(83709..84390)], ndhB [complement(94638..95314)], trnI [101683..102491], trnA [102629..103417], ndhA [complement(119221..120296)], trnA [complement(132945..133733)], trnI

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(132910..132944)], trnA [complement(133734..133771)], trnI [complement(133836..133870)], trnI [complement(134680..134716)], ndhB [140271..141047], ndhB [141725..142486], rpl2 [151582..151971], rpl2 [152654..153088]	[complement(133871..134679)], ndhB [141048..141724], rpl2 [151972..152653]
2538.	ORXY	82	rps12 [complement(102126..102152)], rps12 [complement(102703..102933)], rps12 [complement(72523..72636)], trnK-UUU [complement(1662..1690)], trnK-UUU [complement(4269..4305)], trnL-UAA [12658..12694], trnL-UAA [13220..13269], trnV-UAC [complement(16582..16618)], trnV-UAC [complement(17203..17241)], trnG-GCC [17725..17747], trnG-GCC [18449..18497], atpF [complement(20848..21254)], atpF [complement(21978..22122)], rpoC1 [complement(29779..31394)], rpoC1 [complement(32170..32599)], ycf3 [complement(53398..53549)], ycf3 [complement(54270..54498)], ycf3 [complement(55229..55354)], rps16 [58095..58134], rps16 [59057..59286], rps12 [complement(72523..72636)], rps12 [144085..144315], rps12 [144866..144892], clpP [complement(72810..73037)], clpP [complement(73671..73962)], clpP [complement(74819..74889)], petB [77829..77834], petB [78666..79307], petD [79510..79517], petD [80236..80716], rpl16 [complement(85319..85717)], rpl16 [complement(86861..86869)], rpl2 [complement(88535..88969)], rpl2 [complement(89660..90049)], ndhB [complement(99060..99815)], ndhB [complement(100501..101223)], trnI-GAU [106880..106921], trnI-GAU [107869..107903], trnA-UGC [107964..108001], trnA-UGC [108804..108838], ndhA [121011..121562], ndhA [122813..123352], trnA-UGC [complement(138180..138214)], trnA-UGC [complement(139017..139054)], trnI-GAU [complement(139115..139149)], trnI-GAU [complement(140097..140138)], ndhB [145795..146517], ndhB [147203..147958], rpl2 [156969..157358], rpl2 [158049..158483], rpl16 [160149..160157], rpl16 [161301..161699], petD [complement(166302..166782)], petD [complement(167501..167508)], petB [complement(167711..168352)], petB [complement(169184..169189)]	trnK-UUU [complement(1691..4268)], trnL-UAA [12695..13219], trnV-UAC [complement(16619..17202)], trnG-GCC [17748..18448], atpF [complement(21255..21977)], rpoC1 [complement(31395..32169)], ycf3 [complement(53550..54269)], ycf3 [complement(54499..55228)], rps16 [58135..59056], clpP [complement(73038..73670)], clpP [complement(73963..74818)], petB [77835..78665], petD [79518..80235], rpl16 [complement(85718..86860)], rpl2 [complement(88970..89659)], ndhB [complement(99816..100500)], trnI-GAU [106922..107868], trnA-UGC [108002..108803], ndhA [121563..122812], trnA-UGC [complement(138215..139016)], trnI-GAU [complement(139150..140096)], ndhB [146518..147202], rpl2 [157359..158048], rpl16 [160158..161300], petD [complement(166783..167500)], petB [complement(168353..169183)]
2539.	OSAL	63	rps12 [complement(98269..98295)], rps12 [complement(98835..99062)], rps12 [complement(69976..70089)], trnK [complement(1700..1734)], trnK	trnK [complement(1735..4237)], rps16 [complement(5276..6131)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(4238..4274)], rps16 [complement(5064..5275)], rps16 [complement(6132..6171)], trnG [9675..9697], trnG [10392..10438], atpF [complement(12515..12925)], atpF [complement(13659..13802)], rpoC1 [complement(21409..23022)], rpoC1 [complement(23775..24206)], ycf3 [complement(44161..44313)], ycf3 [complement(45067..45294)], ycf3 [complement(46018..46143)], trnL [49048..49084], trnL [49608..49657], trnV [complement(51986..52022)], trnV [complement(52632..52670)], rps12 [132523..132750], rps12 [133290..133316], clpP [complement(70220..70447)], clpP [complement(71107..71398)], clpP [complement(72141..72211)], petB [75093..75098], petB [75891..76532], petD [76723..76730], petD [77457..77931], rpl16 [complement(81376..81774)], rpl16 [complement(82826..82834)], rpl2 [complement(84516..84953)], rpl2 [complement(85620..86009)], trnI [102975..103016], trnI [103958..103992], trnA [104057..104094], trnA [104896..104930], trnA [complement(126655..126689)], trnA [complement(127491..127528)], trnI [complement(127593..127627)], trnI [complement(128569..128610)], rpl2 [145576..145807], rpl2 [146633..147069]	[9698..10391], atpF [complement(12926..13658)], rpoC1 [complement(23023..23774)], ycf3 [complement(44314..45066)], ycf3 [complement(45295..46017)], trnL [49085..49607], trnV [complement(52023..52631)], clpP [complement(70448..71106)], clpP [complement(71399..72140)], petB [75099..75890], petD [76731..77456], rpl16 [complement(81775..82825)], rpl2 [complement(84954..85619)], trnI [103017..103957], trnA [104095..104895], trnA [complement(126690..127490)], trnI [complement(127628..128568)], rpl2 [145808..146632]
2540.	OSCH	49	rps12 [complement(101622..101652)], rps12 [complement(102190..102421)], rps12 [complement(73551..73665)], rps16 [complement(5535..5732)], rps16 [complement(6625..6666)], atpF [complement(13277..13686)], atpF [complement(14433..14580)], rpoC1 [complement(22856..24472)], rpoC1 [complement(25303..25737)], ycf3 [complement(46147..46299)], ycf3 [complement(47074..47303)], ycf3 [complement(48020..48146)], rps12 [complement(73551..73665)], rps12 [145078..145311], rps12 [145846..145874], clpP [complement(73824..74051)], clpP [complement(74662..74955)], clpP [complement(75784..75852)], petB [78809..78814], petB [79608..80249], petD [80459..80467], petD [81088..81561], rpl16 [complement(85038..85436)], rpl16 [complement(86528..86536)], rpl2 [complement(88262..88731)], rpl2 [complement(89381..89774)], ndhB [complement(98557..99318)], ndhB [complement(100005..100781)], ndhA [complement(124497..125036)], ndhA [complement(126242..126793)], ndhB [146715..147491], ndhB	rps16 [complement(5733..6624)], atpF [complement(13687..14432)], rpoC1 [complement(24473..25302)], ycf3 [complement(46300..47073)], ycf3 [complement(47304..48019)], clpP [complement(74052..74661)], clpP [complement(74956..75783)], petB [78815..79607], petD [80468..81087], rpl16 [complement(85437..86527)], rpl2 [complement(88732..89380)], ndhB [complement(99319..100004)], ndhA [complement(125037..126241)], ndhB [147492..148177], rpl2 [158109..158760]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[148178..148939], rpl2 [157718..158108], rpl2 [158761..159230]	
2541.	OSDA	66	rps16 [complement(5496..5707)], rps16 [complement(6588..6627)], trnG-UCC [10397..10420], trnG-UCC [11145..11192], atpF [complement(13426..13836)], atpF [complement(14585..14728)], rpoC1 [complement(22908..24524)], rpoC1 [complement(25335..25790)], ycf3 [complement(46580..46732)], ycf3 [complement(47510..47739)], ycf3 [complement(48449..48575)], trnL-UAA [51170..51206], trnL-UAA [51738..51787], trnV-UAC [complement(55317..55353)], trnV-UAC [complement(55994..56031)], rps12 [complement(73987..74100)], rps12 [145057..145287], rps12 [145825..145854], clpP [complement(74244..74471)], clpP [complement(75086..75377)], clpP [complement(76192..76262)], petB [79227..79232], petB [80026..80667], petD [80877..80884], petD [81505..81985], rpl16 [complement(85408..85806)], rpl16 [complement(86899..86907)], rpl2 [complement(88638..89107)], rpl2 [complement(89757..90150)], ndhB [complement(98929..99690)], ndhB [complement(100377..101153)], trnI-GAU [106576..106617], trnI-GAU [107569..107603], trnA-UGC [107668..107705], trnA-UGC [108506..108547], ndhA [complement(124572..125110)], ndhA [complement(126229..126784)], trnA-UGC [complement(139303..139344)], trnA-UGC [complement(140247..140281)], trnI-GAU [complement(141233..141274)], ndhB [146697..147473], ndhB [148160..148921], rpl2 [157700..158090], rpl2 [158743..159212]	rps16 [complement(5708..6587)], trnG-UCC [10421..11144], atpF [complement(13837..14584)], rpoC1 [complement(24525..25334)], ycf3 [complement(46733..47509)], ycf3 [complement(47740..48448)], trnL-UAA [51207..51737], trnV-UAC [complement(55354..55993)], clpP [complement(74472..75085)], clpP [complement(75378..76191)], petB [79233..80025], petD [80885..81504], rpl16 [complement(85807..86898)], rpl2 [complement(89108..89756)], ndhB [complement(99691..100376)], trnI-GAU [106618..107568], trnA-UGC [107706..108505], ndhA [complement(125111..126228)], trnA-UGC [complement(139345..140246)], trnI-GAU [complement(140282..141232)], ndhB [147474..148159], rpl2 [158091..158742]
2542.	OSDE	66	rps12 [complement(99823..99854)], rps12 [complement(100391..100622)], rps12 [complement(72190..72303)], rps16 [complement(5227..5453)], rps16 [complement(6330..6369)], trnG-GCC [10060..10082], trnG-GCC [10761..10808], atpF [complement(12751..13161)], atpF [complement(13858..14001)], rpoC1 [complement(21895..23514)], rpoC1 [complement(24272..24724)], ycf3 [complement(44250..44402)], ycf3 [complement(45146..45375)], ycf3 [complement(46081..46204)], trnL-UAA [49002..49036], trnL-UAA [49511..49560], rps12 [141231..141462], rps12 [141999..142030], clpP [complement(72437..72664)], clpP [complement(73307..73598)], clpP [complement(74410..74480)], petB	rps16 [complement(5454..6329)], trnG-GCC [10083..10760], atpF [complement(13162..13857)], rpoC1 [complement(23515..24271)], ycf3 [complement(44403..45145)], ycf3 [complement(45376..46080)], trnL-UAA [49037..49510], clpP [complement(72665..73306)], clpP [complement(73599..74409)], petB [77403..78119], petD [78952..79683], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77397..77402], petB [78120..78761], petD [78944..78951], petD [79684..80158], rpl16 [complement(83591..83989)], rpl16 [complement(84864..84872)], rpl2 [complement(86546..86979)], rpl2 [complement(87655..88045)], ndhB [complement(96816..97571)], ndhB [complement(98251..99027)], trnI-GAU [104308..104344], trnI-GAU [105292..105326], trnA-UGC [105391..105428], trnA-UGC [106240..106274], ndhA [complement(121033..121562)], ndhA [complement(122662..123217)], trnA-UGC [complement(135579..135613)], trnA-UGC [complement(136425..136462)], trnI-GAU [complement(136527..136561)], trnI-GAU [complement(137509..137545)], ndhB [142826..143602], ndhB [144282..145037], rpl2 [153808..154198], rpl2 [154874..155307]	[complement(83990..84863)], rpl2 [complement(86980..87654)], ndhB [complement(97572..98250)], trnI-GAU [104345..105291], trnA-UGC [105429..106239], ndhA [complement(121563..122661)], trnA-UGC [complement(135614..136424)], trnI-GAU [complement(136562..137508)], ndhB [143603..144281], rpl2 [154199..154873]
2543.	OSFR	36	rps12 [complement(99855..99874)], rps12 [complement(100422..100653)], rps12 [complement(72247..72360)], atpF [complement(12799..13209)], atpF [complement(13906..14049)], rpoC1 [complement(21937..23556)], rpoC1 [complement(24314..24769)], ycf3 [complement(44296..44448)], ycf3 [complement(45193..45422)], ycf3 [complement(46125..46251)], rps12 [141752..141983], rps12 [142520..142554], clpP [complement(72494..72719)], clpP [complement(73377..73670)], clpP [complement(74479..74549)], rpl2 [complement(86583..87052)], rpl2 [complement(87689..88082)], ndhB [complement(96848..97603)], ndhB [complement(98190..99059)], ndhA [118673..119228], ndhA [120327..120856], ndhB [143346..144212], ndhB [144802..145557], rpl2 [154323..154713], rpl2 [155353..155822]	atpF [complement(13210..13905)], rpoC1 [complement(23557..24313)], ycf3 [complement(44449..45192)], ycf3 [complement(45423..46124)], clpP [complement(72720..73376)], clpP [complement(73671..74478)], rpl2 [complement(87053..87688)], ndhB [complement(97604..98189)], ndhA [119229..120326], ndhB [144213..144801], rpl2 [154714..155352]
2544.	OSGR	61	rps12 [complement(97885..97910)], rps12 [complement(98447..98678)], rps12 [complement(70753..70866)], trnK-UUU [complement(2204..2238)], trnK-UUU [complement(4770..4806)], rps16 [complement(5530..5726)], rps16 [complement(6579..6618)], trnG-UCC [9673..9695], trnG-UCC [10394..10441], atpF [complement(12363..12763)], atpF [complement(13476..13620)], rpoC1 [complement(21599..23203)], rpoC1 [complement(23969..24400)], ycf3 [complement(43955..44107)], ycf3 [complement(44884..45111)], ycf3 [complement(45830..45955)], trnL-UAA [49023..49057], trnL-UAA [49560..49609], trnV-UAC [complement(53224..53258)], trnV-UAC [complement(53827..53865)], rps12	trnK-UUU [complement(2239..4769)], rps16 [complement(5727..6578)], trnG-UCC [9696..10393], atpF [complement(12764..13475)], rpoC1 [complement(23204..23968)], ycf3 [complement(44108..44883)], ycf3 [complement(45112..45829)], trnL-UAA [49058..49559], trnV-UAC [complement(53259..53826)], petB [76044..76796], petD [77635..78377], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141790..142021], rps12 [142558..142583], petB [76038..76043], petB [76797..77438], petD [77627..77634], petD [78378..78852], rpl16 [complement(82351..82749)], rpl16 [complement(83711..83719)], rpl2 [complement(85407..85840)], rpl2 [complement(86492..86882)], ndhB [complement(94849..95604)], ndhB [complement(96287..97063)], trnI-GAU [102609..102645], trnI-GAU [103614..103648], trnA-UGC [103713..103750], trnA-UGC [104565..104599], trnA-UGC [complement(135869..135903)], trnA-UGC [complement(136718..136755)], trnI-GAU [complement(136820..136854)], trnI-GAU [complement(137823..137859)], ndhB [143405..144181], ndhB [144864..145619]	[complement(82750..83710)], rpl2 [complement(85841..86491)], ndhB [complement(95605..96286)], trnI-GAU [102646..103613], trnA-UGC [103751..104564], trnA-UGC [complement(135904..136717)], trnI-GAU [complement(136855..137822)], ndhB [144182..144863]
2545.	OSIN	73	rps12 [complement(101872..101901)], rps12 [complement(102439..102669)], rps12 [complement(73864..73977)], trnK-UUU [complement(1855..1867)], trnK-UUU [complement(4406..4442)], rps16 [complement(5482..5697)], rps16 [complement(6572..6613)], trnS-CGA [10323..10345], trnS-CGA [11081..11118], atpF [complement(13286..13696)], atpF [complement(14448..14591)], rpoC1 [complement(22779..24404)], rpoC1 [complement(25209..25640)], ycf3 [complement(46431..46583)], ycf3 [complement(47362..47589)], ycf3 [complement(48302..48427)], trnL-UAA [51040..51074], trnL-UAA [51608..51657], trnV-UAC [complement(55195..55229)], trnV-UAC [complement(55873..55910)], rps12 [complement(73864..73977)], rps12 [144993..145224], rps12 [145761..145786], clpP [complement(74116..74343)], clpP [complement(74955..75248)], clpP [complement(76071..76139)], petB [79103..79108], petB [79909..80550], petD [80760..80768], petD [81401..81874], rpl16 [complement(85304..85702)], rpl16 [complement(86796..86804)], rpl2 [complement(88514..88948)], rpl2 [complement(89637..90026)], ndhB [complement(98805..99566)], ndhB [complement(100253..101029)], trnI-GAU [106442..106478], trnI-GAU [107435..107469], trnA-UGC [107534..107571], trnA-UGC [108378..108412], ndhA [complement(124495..125033)], ndhA [complement(126153..126708)], trnA-UGC [complement(139250..139284)], trnA-UGC [complement(140091..140128)], trnI-GAU [complement(140193..140227)],	trnK-UUU [complement(1868..4405)], rps16 [complement(5698..6571)], trnS-CGA [10346..11080], atpF [complement(13697..14447)], rpoC1 [complement(24405..25208)], ycf3 [complement(46584..47361)], ycf3 [complement(47590..48301)], trnL-UAA [51075..51607], trnV-UAC [complement(55230..55872)], clpP [complement(74344..74954)], clpP [complement(75249..76070)], petB [79109..79908], petD [80769..81400], rpl16 [complement(85703..86795)], rpl2 [complement(88949..89636)], ndhB [complement(99567..100252)], trnI-GAU [106479..107434], trnA-UGC [107572..108377], ndhA [complement(125034..126152)], trnA-UGC [complement(139285..140090)], trnI-GAU [complement(140228..141183)], ndhB [147410..148095], rpl2 [158026..158713]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(141184..141220)], ndhB [146633..147409], ndhB [148096..148857], rpl2 [157636..158025], rpl2 [158714..159148]	
2546.	OSIS	66	rps12 [complement(99852..99886)], rps12 [complement(100423..100654)], rps12 [complement(72249..72362)], rps16 [complement(5294..5520)], rps16 [complement(6397..6436)], trnG-GCC [10105..10127], trnG-GCC [10807..10854], atpF [complement(12815..13225)], atpF [complement(13922..14065)], rpoC1 [complement(21952..23571)], rpoC1 [complement(24332..24784)], ycf3 [complement(44297..44449)], ycf3 [complement(45194..45423)], ycf3 [complement(46131..46254)], trnL-UAA [49051..49085], trnL-UAA [49560..49609], rps12 [141171..141402], rps12 [141939..141973], clpP [complement(72496..72723)], clpP [complement(73367..73658)], clpP [complement(74468..74538)], petB [77455..77460], petB [78179..78820], petD [79003..79010], petD [79743..80217], rpl16 [complement(83650..84048)], rpl16 [complement(84907..84915)], rpl2 [complement(86584..87017)], rpl2 [complement(87693..88083)], ndhB [complement(96849..97604)], ndhB [complement(98284..99060)], trnI-GAU [104340..104376], trnI-GAU [105324..105358], trnA-UGC [105423..105460], trnA-UGC [106272..106306], ndhA [complement(120956..121485)], ndhA [complement(122587..123142)], trnA-UGC [complement(135519..135553)], trnA-UGC [complement(136365..136402)], trnI-GAU [complement(136467..136501)], trnI-GAU [complement(137449..137485)], ndhB [142765..143541], ndhB [144221..144976], rpl2 [153742..154132], rpl2 [154808..155241]	rps16 [complement(5521..6396)], trnG-GCC [10128..10806], atpF [complement(13226..13921)], rpoC1 [complement(23572..24331)], ycf3 [complement(44450..45193)], ycf3 [complement(45424..46130)], trnL-UAA [49086..49559], clpP [complement(72724..73366)], clpP [complement(73659..74467)], petB [77461..78178], petD [79011..79742], rpl16 [complement(84049..84906)], rpl2 [complement(87018..87692)], ndhB [complement(97605..98283)], trnI-GAU [104377..105323], trnA-UGC [105461..106271], ndhA [complement(121486..122586)], trnA-UGC [complement(135554..136364)], trnI-GAU [complement(136502..137448)], ndhB [143542..144220], rpl2 [154133..154807]
2547.	OSJA	49	rps12 [complement(101593..101623)], rps12 [complement(102161..102392)], rps12 [complement(73555..73669)], rps16 [complement(5504..5701)], rps16 [complement(6594..6635)], atpF [complement(13233..13642)], atpF [complement(14389..14536)], rpoC1 [complement(22743..24359)], rpoC1 [complement(25190..25624)], ycf3 [complement(46070..46222)], ycf3 [complement(46997..47226)], ycf3 [complement(47943..48069)], rps12 [complement(73555..73669)], rps12 [145015..145248], rps12 [145783..145811], clpP [complement(73808..74035)], clpP [complement(74651..74944)], clpP [complement(75758..75826)], petB	rps16 [complement(5702..6593)], atpF [complement(13643..14388)], rpoC1 [complement(24360..25189)], ycf3 [complement(46223..46996)], ycf3 [complement(47227..47942)], clpP [complement(74036..74650)], clpP [complement(74945..75757)], petB [78787..79579], petD [80440..81059], rpl16 [complement(85406..86497)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78781..78786], petB [79580..80221], petD [80431..80439], petD [81060..81533], rpl16 [complement(85007..85405)], rpl16 [complement(86498..86506)], rpl2 [complement(88233..88702)], rpl2 [complement(89352..89745)], ndhB [complement(98528..99289)], ndhB [complement(99976..100752)], ndhA [complement(124412..124951)], ndhA [complement(126170..126721)], ndhB [146652..147428], ndhB [148115..148876], rpl2 [157655..158045], rpl2 [158698..159167]	[complement(88703..89351)], ndhB [complement(99290..99975)], ndhA [complement(124952..126169)], ndhB [147429..148114], rpl2 [158046..158697]
2548.	OSM A	66	rps12 [complement(99649..99716)], rps12 [complement(100253..100484)], rps12 [complement(72091..72204)], rps16 [complement(5278..5504)], rps16 [complement(6382..6421)], trnG-GCC [10038..10060], trnG-GCC [10740..10787], atpF [complement(12728..13138)], atpF [complement(13836..13979)], rpoC1 [complement(21874..23493)], rpoC1 [complement(24252..24704)], ycf3 [complement(44019..44171)], ycf3 [complement(44917..45146)], ycf3 [complement(45859..45982)], trnL-UAA [48861..48895], trnL-UAA [49370..49419], rps12 [141431..141662], rps12 [142199..142266], clpP [complement(72338..72565)], clpP [complement(73209..73500)], clpP [complement(74315..74385)], petB [77302..77307], petB [78014..78655], petD [78838..78845], petD [79578..80052], rpl16 [complement(83480..83878)], rpl16 [complement(84736..84744)], rpl2 [complement(86417..86850)], rpl2 [complement(87515..87905)], ndhB [complement(96680..97435)], ndhB [complement(98115..98891)], trnI-GAU [104170..104206], trnI-GAU [105154..105188], trnA-UGC [105253..105290], trnA-UGC [106093..106127], ndhA [complement(121239..121768)], ndhA [complement(122823..123378)], trnA-UGC [complement(135788..135822)], trnA-UGC [complement(136625..136662)], trnI-GAU [complement(136727..136761)], trnI-GAU [complement(137709..137745)], ndhB [143024..143800], ndhB [144480..145235], rpl2 [154010..154400], rpl2 [155065..155498]	rps16 [complement(5505..6381)], trnG-GCC [10061..10739], atpF [complement(13139..13835)], rpoC1 [complement(23494..24251)], ycf3 [complement(44172..44916)], ycf3 [complement(45147..45858)], trnL-UAA [48896..49369], clpP [complement(72566..73208)], clpP [complement(73501..74314)], petB [77308..78013], petD [78846..79577], rpl16 [complement(83879..84735)], rpl2 [complement(86851..87514)], ndhB [complement(97436..98114)], trnI-GAU [104207..105153], trnA-UGC [105291..106092], ndhA [complement(121769..122822)], trnA-UGC [complement(135823..136624)], trnI-GAU [complement(136762..137708)], ndhB [143801..144479], rpl2 [154401..155064]
2549.	OSNO	73	rps12 [complement(103567..103596)], rps12 [complement(104134..104364)], rps12 [complement(74094..74207)], trnK-UUU [complement(2055..2089)], trnK-UUU [complement(4628..4664)], rps16 [complement(5704..5919)], rps16 [complement(6794..6835)], trnS-CGA [10546..10568], trnS-CGA	trnK-UUU [complement(2090..4627)], rps16 [complement(5920..6793)], trnS-CGA [10569..11303], atpF [complement(13920..14673)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[11304..11341], atpF [complement(13509..13919)], atpF [complement(14674..14817)], rpoC1 [complement(23004..24629)], rpoC1 [complement(25434..25865)], ycf3 [complement(46657..46809)], ycf3 [complement(47588..47815)], ycf3 [complement(48528..48653)], trnL-UAA [51272..51306], trnL-UAA [51840..51889], trnV-UAC [complement(55418..55452)], trnV-UAC [complement(56096..56133)], rps12 [complement(74094..74207)], rps12 [146689..146920], rps12 [147457..147482], clpP [complement(74346..74573)], clpP [complement(75185..75478)], clpP [complement(76296..76364)], petB [79328..79333], petB [80134..80775], petD [80985..80993], petD [81626..82099], rpl16 [complement(85529..85927)], rpl16 [complement(87021..87029)], rpl2 [complement(90209..90643)], rpl2 [complement(91332..91721)], ndhB [complement(100500..101261)], ndhB [complement(101948..102724)], trnI-GAU [108137..108173], trnI-GAU [109130..109164], trnA-UGC [109229..109266], trnA-UGC [110073..110107], ndhA [complement(126190..126728)], ndhA [complement(127848..128403)], trnA-UGC [complement(140946..140980)], trnA-UGC [complement(141787..141824)], trnI-GAU [complement(141889..141923)], trnI-GAU [complement(142880..142916)], ndhB [148329..149105], ndhB [149792..150553], rpl2 [159332..159721], rpl2 [160410..160844]</p>	<p>[complement(24630..25433)], ycf3 [complement(46810..47587)], ycf3 [complement(47816..48527)], trnL-UAA [51307..51839], trnV-UAC [complement(55453..56095)], clpP [complement(74574..75184)], clpP [complement(75479..76295)], petB [79334..80133], petD [80994..81625], rpl16 [complement(85928..87020)], rpl2 [complement(90644..91331)], ndhB [complement(101262..101947)], trnI-GAU [108174..109129], trnA-UGC [109267..110072], ndhA [complement(126729..127847)], trnA-UGC [complement(140981..141786)], trnI-GAU [complement(141924..142879)], ndhB [149106..149791], rpl2 [159722..160409]</p>
2550.	OSRE	57	<p>rps12 [complement(101598..101628)], rps12 [complement(102166..102397)], rps12 [complement(73558..73672)], rps16 [complement(5528..5725)], rps16 [complement(6618..6659)], trnN-GUU [complement(8491..8526)], trnN-GUU [complement(8558..8596)], atpF [complement(13298..13707)], atpF [complement(14454..14601)], rpoC1 [complement(22848..24464)], rpoC1 [complement(25290..25724)], ycf3 [complement(46125..46277)], ycf3 [complement(47052..47281)], ycf3 [complement(47998..48124)], rps12 [complement(73558..73672)], rps12 [145023..145256], rps12 [145791..145819], clpP [complement(73811..74038)], clpP [complement(74649..74942)], clpP [complement(75756..75824)], petB [78779..78784], petB [79578..80219], petD [80429..80437], petD [81058..81531], rpl16 [complement(85014..85412)], rpl16</p>	<p>rps16 [complement(5726..6617)], trnN-GUU [complement(8527..8557)], atpF [complement(13708..14453)], rpoC1 [complement(24465..25289)], ycf3 [complement(46278..47051)], ycf3 [complement(47282..47997)], clpP [complement(74039..74648)], clpP [complement(74943..75755)], petB [78785..79577], petD [80438..81057], rpl16 [complement(85413..86503)], rpl2 [complement(88708..89356)], ndhB [complement(99295..99980)], trnI-AAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86504..86512)], rpl2 [complement(88238..88707)], rpl2 [complement(89357..89750)], ndhB [complement(98533..99294)], ndhB [complement(99981..100757)], trnI-AAU [complement(114241..114274)], trnI-AAU [complement(114370..114406)], ndhA [complement(124445..124984)], ndhA [complement(126187..126738)], ndhB [146660..147436], ndhB [148123..148884], rpl2 [157663..158053], rpl2 [158706..159044], rpl2 [159154..159284]	[complement(114275..114369)], ndhA [complement(124985..126186)], ndhB [147437..148122], rpl2 [158054..158705], rpl2 [159045..159153]
2551.	OSTR	49	rps12 [complement(101585..101615)], rps12 [complement(102153..102384)], rps12 [complement(73537..73651)], rps16 [complement(5501..5698)], rps16 [complement(6591..6632)], atpF [complement(12729..13138)], atpF [complement(13882..14029)], rpoC1 [complement(22203..23819)], rpoC1 [complement(24637..25071)], ycf3 [complement(46130..46282)], ycf3 [complement(47058..47287)], ycf3 [complement(48004..48130)], rps12 [complement(73537..73651)], rps12 [144900..145133], rps12 [145668..145696], clpP [complement(73807..74034)], clpP [complement(74656..74949)], clpP [complement(75765..75833)], petB [78788..78793], petB [79587..80228], petD [80438..80446], petD [81067..81540], rpl16 [complement(85030..85428)], rpl16 [complement(86485..86493)], rpl2 [complement(88224..88693)], rpl2 [complement(89343..89736)], ndhB [complement(98519..99280)], ndhB [complement(99967..100743)], ndhA [complement(124326..124865)], ndhA [complement(126066..126617)], ndhB [146538..147314], ndhB [148001..148762], rpl2 [157541..157930], rpl2 [158619..159053]	rps16 [complement(5699..6590)], atpF [complement(13139..13881)], rpoC1 [complement(23820..24636)], ycf3 [complement(46283..47057)], ycf3 [complement(47288..48003)], clpP [complement(74035..74655)], clpP [complement(74950..75764)], petB [78794..79586], petD [80447..81066], rpl16 [complement(85429..86484)], rpl2 [complement(88694..89342)], ndhB [complement(99281..99966)], ndhA [complement(124866..126065)], ndhB [147315..148000], rpl2 [157931..158618]
2552.	OSYU	66	rps12 [complement(99910..99944)], rps12 [complement(100481..100712)], rps12 [complement(72278..72391)], rps16 [complement(5306..5532)], rps16 [complement(6409..6448)], trnG-GCC [10115..10137], trnG-GCC [10816..10863], atpF [complement(12805..13215)], atpF [complement(13912..14055)], rpoC1 [complement(21941..23560)], rpoC1 [complement(24319..24771)], ycf3 [complement(44292..44444)], ycf3 [complement(45188..45417)], ycf3 [complement(46127..46250)], trnL-UAA [49056..49090], trnL-UAA [49565..49614], rps12 [141355..141586], rps12 [142123..142157], clpP [complement(72525..72752)], clpP	rps16 [complement(5533..6408)], trnG-GCC [10138..10815], atpF [complement(13216..13911)], rpoC1 [complement(23561..24318)], ycf3 [complement(44445..45187)], ycf3 [complement(45418..46126)], trnL-UAA [49091..49564], clpP [complement(72753..73395)], clpP [complement(73688..74497)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73396..73687)], clpP [complement(74498..74568)], petB [77485..77490], petB [78207..78848], petD [79031..79038], petD [79771..80245], rpl16 [complement(83684..84082)], rpl16 [complement(84961..84969)], rpl2 [complement(86639..87072)], rpl2 [complement(87748..88138)], ndhB [complement(96907..97662)], ndhB [complement(98342..99118)], trnI-GAU [104398..104434], trnI-GAU [105382..105416], trnA-UGC [105481..105518], trnA-UGC [106330..106364], ndhA [complement(121130..121659)], ndhA [complement(122759..123314)], trnA-UGC [complement(135703..135737)], trnA-UGC [complement(136549..136586)], trnI-GAU [complement(136651..136685)], trnI-GAU [complement(137633..137669)], ndhB [142949..143725], ndhB [144405..145160], rpl2 [153929..154319], rpl2 [154995..155428]	[77491..78206], petD [79039..79770], rpl16 [complement(84083..84960)], rpl2 [complement(87073..87747)], ndhB [complement(97663..98341)], trnI-GAU [104435..105381], trnA-UGC [105519..106329], ndhA [complement(121660..122758)], trnA-UGC [complement(135738..136548)], trnI-GAU [complement(136686..137632)], ndhB [143726..144404], rpl2 [154320..154994]
2553.	OTAC	61	rps12 [complement(90159..90187)], rps12 [complement(90728..90959)], rps12 [complement(69680..69793)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3938..3979)], rps16 [complement(4519..4736)], rps16 [complement(5606..5645)], trnG-UCC [complement(13166..13213)], trnG-UCC [complement(13887..13909)], atpF [34877..35020], atpF [35858..36265], ycf3 [complement(44027..44185)], ycf3 [complement(44910..45139)], ycf3 [complement(45874..45997)], trnL-UAA [48699..48733], trnL-UAA [49273..49322], trnV-UAC [complement(52901..52937)], trnV-UAC [complement(53533..53571)], rps12 [128252..128483], rps12 [129024..129052], petB [73539..73544], petB [74359..75000], petD [75189..75196], petD [75920..76394], rpl16 [complement(80005..80406)], rpl16 [complement(81456..81464)], rpl2 [complement(83447..83878)], rpl2 [complement(84541..84930)], ndhB [complement(87086..87841)], ndhB [complement(88554..89330)], trnI-GAU [94800..94841], trnI-GAU [95790..95824], trnA-UGC [95888..95925], trnA-UGC [96738..96772], ndhA [complement(112960..113499)], ndhA [complement(114525..115082)], trnA-UGC [complement(122440..122474)], trnA-UGC [complement(123286..123323)], ndhB [129881..130657], ndhB [131370..132125], rpl2 [134281..134670], rpl2 [135333..135764]	trnK-UUU [complement(1405..3937)], rps16 [complement(4737..5605)], trnG-UCC [complement(13214..13886)], atpF [35021..35857], ycf3 [complement(44186..44909)], ycf3 [complement(45140..45873)], trnL-UAA [48734..49272], trnV-UAC [complement(52938..53532)], petB [73545..74358], petD [75197..75919], rpl16 [complement(80407..81455)], rpl2 [complement(83879..84540)], ndhB [complement(87842..88553)], trnI-GAU [94842..95789], trnA-UGC [95926..96737], ndhA [complement(113500..114524)], trnA-UGC [complement(122475..123285)], ndhB [130658..131369], rpl2 [134671..135332]
2554.	OTGL	62	rps12 [complement(90135..90170)], rps12 [complement(90709..90939)],	trnK-UUU [complement(1405..3910)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(69665..69781)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3911..3948)], rps16 [complement(4516..4733)], rps16 [complement(5580..5619)], trnG-UCC [complement(13152..13199)], trnG-UCC [complement(13873..13895)], atpF [34857..35015], atpF [35838..36245], ycf3 [complement(44006..44164)], ycf3 [complement(44890..45117)], ycf3 [complement(45862..45993)], trnL-UAA [48694..48728], trnL-UAA [49268..49317], trnV-UAC [complement(52907..52943)], trnV-UAC [complement(53539..53577)], petB [73522..73527], petB [74345..74986], petD [75175..75183], petD [75907..76380], rpl16 [complement(79988..80389)], rpl16 [complement(81440..81448)], rpl2 [complement(83427..83858)], rpl2 [complement(84518..84922)], ndhB [complement(87066..87821)], ndhB [complement(88534..89310)], trnI-GAU [94780..94821], trnI-GAU [95768..95802], trnA-UGC [95868..95905], trnA-UGC [96717..96751], ndhA [complement(112991..113530)], ndhA [complement(114562..115110)], trnA-UGC [complement(122468..122502)], trnA-UGC [complement(123314..123351)], trnI-GAU [complement(123417..123451)], trnI-GAU [complement(124398..124439)], ndhB [129909..130685], ndhB [131398..132153], rpl2 [134297..134701], rpl2 [135361..135792]	[complement(4734..5579)], trnG-UCC [complement(13200..13872)], atpF [35016..35837], ycf3 [complement(44165..44889)], ycf3 [complement(45118..45861)], trnL-UAA [48729..49267], trnV-UAC [complement(52944..53538)], petB [73528..74344], petD [75184..75906], rpl16 [complement(80390..81439)], rpl2 [complement(83859..84517)], ndhB [complement(87822..88533)], trnI-GAU [94822..95767], trnA-UGC [95906..96716], ndhA [complement(113531..114561)], trnA-UGC [complement(122503..123313)], trnI-GAU [complement(123452..124397)], ndhB [130686..131397], rpl2 [134702..135360]
2555.	OTVE	64	rps12 [complement(91847..91875)], rps12 [complement(92416..92647)], rps12 [complement(68865..68978)], trnK-UUU [complement(1376..1408)], trnK-UUU [complement(3877..3914)], rps16 [complement(4488..4705)], rps16 [complement(5543..5582)], trnG-UCC [complement(13181..13228)], trnG-UCC [complement(13916..13938)], atpF [34541..34699], atpF [35517..35924], ycf3 [complement(43753..43905)], ycf3 [complement(44636..44863)], ycf3 [complement(45591..45722)], trnL-UAA [48461..48495], trnL-UAA [49046..49095], trnV-UAC [complement(52749..52785)], trnV-UAC [complement(53387..53425)], rps12 [129343..129574], rps12 [130115..130143], petB [72756..72761], petB [73487..74134], petD [74316..74323], petD [75053..75527], rpl16 [complement(79067..79468)], rpl16 [complement(80531..80539)], rpl2 [complement(82491..82922)], rpl2 [complement(83586..83975)], ndhB [complement(88774..89529)], ndhB [complement(90242..91018)], trnI-GAU [96466..96507], trnI-GAU	trnK-UUU [complement(1409..3876)], rps16 [complement(4706..5542)], trnG-UCC [complement(13229..13915)], atpF [34700..35516], ycf3 [complement(43906..44635)], ycf3 [complement(44864..45590)], trnL-UAA [48496..49045], trnV-UAC [complement(52786..53386)], petB [72762..73486], petD [74324..75052], rpl16 [complement(79469..80530)], rpl2 [complement(82923..83585)], ndhB [complement(89530..90241)], trnI-GAU [96508..97452], trnA-UGC [97592..98401], ndhA [complement(114565..115624)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[97453..97487], trnA-UGC [97554..97591], trnA-UGC [98402..98436], ndhA [complement(114025..114564)], ndhA [complement(115625..116173)], trnA-UGC [complement(123554..123588)], trnA-UGC [complement(124399..124437)], trnI-GAU [complement(124503..124537)], trnI-GAU [complement(125483..125524)], ndhB [130972..131748], ndhB [132461..133216], rpl2 [138015..138404], rpl2 [139068..139499]	UGC [complement(123589..124398)], trnI-GAU [complement(124538..125482)], ndhB [131749..132460], rpl2 [138405..139067]
2556.	OXDR	69	rps12 [complement(97371..97396)], rps12 [complement(97924..98155)], rps12 [complement(69711..69824)], trnK-UUU [complement(1851..1885)], trnK-UUU [complement(4401..4437)], trnG [8447..8469], trnG [9184..9231], atpF [complement(11352..11761)], atpF [complement(12476..12620)], rpoC1 [complement(20637..22265)], rpoC1 [complement(22995..23426)], ycf3 [complement(43277..43429)], ycf3 [complement(44108..44337)], ycf3 [complement(45050..45173)], trnL-UAA [47742..47776], trnL-UAA [48274..48323], trnC-ACA [complement(52162..52195)], trnC-ACA [complement(52812..52850)], rps12 [138298..138529], rps12 [139057..139082], clpP [complement(69960..70187)], clpP [complement(70791..71079)], clpP [complement(71892..71962)], petB [74899..74904], petB [75651..76292], petD [76501..76508], petD [77257..77731], rpl16 [complement(81212..81610)], rpl16 [complement(82659..82667)], rpl2 [complement(84393..84826)], rpl2 [complement(85488..85878)], ndhB [complement(94300..95055)], ndhB [complement(95741..96517)], trnI-GAU [102029..102065], trnI-GAU [102990..103024], trnA-UGC [103089..103126], trnA-UGC [103925..103959], ndhA [complement(117958..118498)], ndhA [complement(119566..120122)], trnA-UGC [complement(132494..132528)], trnA-UGC [complement(133327..133364)], trnI-GAU [complement(133429..133463)], trnI-GAU [complement(134388..134424)], ndhB [139936..140712], ndhB [141398..142153], rpl2 [150575..150965], rpl2 [151627..152060]	trnK-UUU [complement(1886..4400)], trnG [8470..9183], atpF [complement(11762..12475)], rpoC1 [complement(22266..22994)], ycf3 [complement(43430..44107)], ycf3 [complement(44338..45049)], trnL-UAA [47777..48273], trnC-ACA [complement(52196..52811)], clpP [complement(70188..70790)], clpP [complement(71080..71891)], petB [74905..75650], petD [76509..77256], rpl16 [complement(81611..82658)], rpl2 [complement(84827..85487)], ndhB [complement(95056..95740)], trnI-GAU [102066..102989], trnA-UGC [103127..103924], ndhA [complement(118499..119565)], trnA-UGC [complement(132529..133326)], trnI-GAU [complement(133464..134387)], ndhB [140713..141397], rpl2 [150966..151626]
2557.	OXGL	23	rps12 [142521..142546]	trnK-UUU [complement(1705..4258)], rps16 [complement(5204..6074)], trnG-UCC [9200..9882], atpF [complement(12307..13050)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(22901..23685)], ycf3 [complement(44057..44802)], ycf3 [complement(45032..45749)], trnL-UAA [48902..49406], trnV-UAC [complement(53715..54283)], clpP [complement(71697..72376)], clpP [complement(72666..73499)], petB [76464..77269], petD [78141..78865], rpl16 [complement(83337..84436)], rpl2 [complement(86656..87316)], ndhB [complement(97267..97979)], trnI-GAU [104408..105348], trnA-UGC [105486..106285], ndhA [complement(122186..123197)], trnA-UGC [complement(135821..136620)], trnI-GAU [complement(136758..137698)], ndhB [144127..144839]
2558.	OXSC	64	rps12 [complement(88836..88864)], rps12 [complement(89405..89636)], rps12 [complement(67276..67389)], trnK-UUU [complement(1383..1415)], trnK-UUU [complement(3870..3907)], rps16 [complement(4460..4677)], rps16 [complement(5522..5561)], trnG-UCC [complement(13016..13063)], trnG- UCC [complement(13737..13759)], atpF [32997..33155], atpF [33960..34367], ycf3 [complement(42154..42312)], ycf3 [complement(43043..43270)], ycf3 [complement(44022..44147)], trnL-UAA [46932..46966], trnL-UAA [47524..47573], trnV-UAC [complement(51072..51118)], trnV-UAC [complement(51706..51744)], rps12 [125692..125923], rps12 [126464..126492], petB [71125..71130], petB [71920..72567], petD [72768..72775], petD [73516..73990], rpl16 [complement(77525..77926)], rpl16 [complement(78980..78988)], rpl2 [complement(80938..81369)], rpl2 [complement(82030..82422)], ndhB [complement(85763..86519)], ndhB [complement(87232..88007)], trnI-GAU [93464..93505], trnI-GAU [94216..94250], trnA-UGC [94316..94353], trnA-UGC [95164..95198], ndhA	trnK-UUU [complement(1416..3869)], rps16 [complement(4678..5521)], trnG-UCC [complement(13064..13736)], atpF [33156..33959], ycf3 [complement(42313..43042)], ycf3 [complement(43271..44021)], trnL-UAA [46967..47523], trnV-UAC [complement(51119..51705)], petB [71131..71919], petD [72776..73515], rpl16 [complement(77927..78979)], rpl2 [complement(81370..82029)], ndhB [complement(86520..87231)], trnI-GAU [93506..94215], trnA-UGC [94354..95163], ndhA [complement(111211..112231)], trnA- UGC [complement(120165..120974)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(110671..111210)], ndhA [complement(112232..112780)], trnA-UGC [complement(120130..120164)], trnA-UGC [complement(120975..121012)], trnI-GAU [complement(121078..121112)], trnI-GAU [complement(121823..121864)], ndhB [127321..128096], ndhB [128809..129565], rpl2 [132906..133298], rpl2 [133959..134390]	GAU [complement(121113..121822)], ndhB [128097..128808], rpl2 [133299..133958]
2559.	OXSI	72	rps12 [complement(98914..98939)], rps12 [complement(99467..99698)], rps12 [complement(70949..71062)], trnK-UUU [complement(1515..1549)], trnK-UUU [complement(4061..4097)], rps16 [complement(4723..4949)], rps16 [complement(5817..5856)], trnG-UCC [9650..9672], trnG-UCC [10372..10420], atpF [complement(12266..12676)], atpF [complement(13413..13556)], rpoC1 [complement(21074..22684)], rpoC1 [complement(23448..23879)], ycf3 [complement(44171..44323)], ycf3 [complement(45077..45192)], ycf3 [complement(46036..46159)], trnL-UAA [48683..48717], trnL-UAA [49246..49295], trnV-UAC [complement(52476..52510)], trnV-UAC [complement(53081..53118)], rps12 [146208..146439], rps12 [146967..146992], clpP [complement(71191..71460)], clpP [complement(72078..72369)], clpP [complement(73438..73508)], petB [76399..76404], petB [77145..77786], petD [78010..78017], petD [78762..79236], rpl16 [complement(82698..83096)], rpl16 [complement(84038..84046)], rpl2 [complement(85666..86100)], rpl2 [complement(86763..87155)], ndhB [complement(95850..96605)], ndhB [complement(97287..98063)], trnI-GAU [103444..103480], trnI-GAU [104417..104451], trnA-UGC [104518..104555], trnA-UGC [105358..105393], ndhA [complement(125957..126486)], ndhA [complement(127425..127983)], trnA-UGC [complement(140514..140548)], trnA-UGC [complement(141351..141388)], trnI-GAU [complement(141455..141488)], trnI-GAU [complement(142426..142462)], ndhB [147843..148619], ndhB [149301..150056], rpl2 [158751..159143], rpl2 [159806..160240]	trnK-UUU [complement(1550..4060)], rps16 [complement(4950..5816)], trnG-UCC [9673..10371], atpF [complement(12677..13412)], rpoC1 [complement(22685..23447)], ycf3 [complement(44324..45076)], ycf3 [complement(45193..46035)], trnL-UAA [48718..49245], trnV-UAC [complement(52511..53080)], clpP [complement(71461..72077)], clpP [complement(72370..73437)], petB [76405..77144], petD [78018..78761], rpl16 [complement(83097..84037)], rpl2 [complement(86101..86762)], ndhB [complement(96606..97286)], trnI-GAU [103481..104416], trnA-UGC [104556..105357], ndhA [complement(126487..127424)], trnA-UGC [complement(140549..141350)], trnI-GAU [complement(141489..142425)], ndhB [148620..149300], rpl2 [159144..159805]
2560.	OZBI	26	trnK-UUU [complement(1383..1422)], trnK-UUU [complement(3999..4035)], rps12 [141390..141415]	trnK-UUU [complement(1423..3998)], rps16 [complement(4886..5753)], trnG-GCC [9341..10046], atpF [complement(12420..13216)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(22401..23160)], ycf3 [complement(43244..43986)], ycf3 [complement(44217..44948)], trnL-UAA [47565..48116], trnV-UAC [complement(51534..52123)], clpP [complement(70280..70940)], clpP [complement(71229..72034)], petB [74997..75757], petD [76611..77354], rpl16 [complement(81706..82662)], rpl2 [complement(84945..85608)], ndhB [complement(95816..96518)], trnI-GAU [102887..103822], trnA-UGC [103960..104779], ndhA [complement(120964..122027)], trnA-UGC [complement(134782..135601)], trnI-GAU [complement(135739..136674)], ndhB [143044..143746], rpl2 [153954..154617]
2561.	PAAB	64	rps12 [complement(102023..102054)], rps12 [complement(102591..102822)], rps12 [complement(60274..60387)], trnK-UUU [complement(1590..1618)], trnK-UUU [complement(4176..4212)], rpoC1 [complement(19988..21622)], rpoC1 [complement(22371..22796)], ycf3 [complement(43660..43812)], ycf3 [complement(44512..44739)], ycf3 [complement(45470..45595)], trnL-UAA [47910..47946], trnL-UAA [48513..48562], trnV-UAC [55048..55086], trnV- UAC [55679..55715], clpP [57937..58007], clpP [58921..59218], clpP [59827..60048], rps12 [complement(60274..60387)], rps12 [155199..155430], rps12 [155967..155998], petB [78046..78051], petB [78791..79432], petD [79638..79645], petD [80471..80945], rpl16 [complement(84547..84951)], rpl16 [complement(86066..86074)], rpl2 [complement(88521..88955)], rpl2 [complement(89631..90035)], ndhB [complement(98960..99715)], ndhB [complement(100403..101176)], trnI-GAU [107547..107588], trnI-GAU [108532..108566], trnA-UGC [108631..108668], trnA-UGC [109470..109504], ndhA [complement(132453..132992)], ndhA [complement(134061..134612)],	trnK-UUU [complement(1619..4175)], rpoC1 [complement(21623..22370)], ycf3 [complement(43813..44511)], ycf3 [complement(44740..45469)], trnL-UAA [47947..48512], trnV-UAC [55087..55678], clpP [58008..58920], clpP [59219..59826], petB [78052..78790], petD [79646..80470], rpl16 [complement(84952..86065)], rpl2 [complement(88956..89630)], ndhB [complement(99716..100402)], trnI-GAU [107589..108531], trnA-UGC [108669..109469], ndhA [complement(132993..134060)], trnA-UGC [complement(148552..149352)], trnI-GAU [complement(149490..150432)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(148517..148551)], trnA-UGC [complement(149353..149390)], trnI-GAU [complement(149455..149489)], trnI-GAU [complement(150433..150474)], ndhB [156845..157618], ndhB [158306..159061], rpl2 [167986..168390], rpl2 [169066..169500]	[157619..158305], rpl2 [168391..169065]
2562.	PAAC	39	trnK-UUU [complement(1688..1722)], trnK-UUU [complement(4248..4284)], rps12 [27826..27939], rps12 [138103..138334], rps12 [138871..138902], rps12 [complement(93311..93542)], rps12 [complement(92743..92774)], trnV-UAC [complement(44301..44335)], trnV-UAC [complement(44934..44972)], trnL-UAA [complement(51439..51488)], trnL-UAA [complement(52060..52094)], trnI-GAU [97468..97504], trnI-GAU [98458..98492], trnA-UGC [98557..98594], trnA-UGC [99395..99429], trnA-UGC [complement(132216..132250)], trnA-UGC [complement(133051..133088)], trnI-GAU [complement(133153..133187)], trnI-GAU [complement(134141..134177)], rpl2 [144215..144613], rpl2 [145325..145759]	trnK-UUU [complement(1723..4247)], rpoC1 [complement(21500..22248)], trnV-UAC [complement(44336..44933)], trnL-UAA [complement(51489..52059)], ycf3 [54649..55383], ycf3 [55612..56318], petB [76298..77129], petD [77972..78802], rpl16 [complement(83233..84319)], rpl2 [complement(86321..87031)], ndhB [complement(90436..91122)], trnI-GAU [97505..98457], trnA-UGC [98595..99394], ndhA [complement(119407..120483)], trnA-UGC [complement(132251..133050)], trnI-GAU [complement(133188..134140)], ndhB [140523..141209], rpl2 [144614..145324]
2563.	PAAF	55	rps12 [complement(86220..86251)], rps12 [complement(86788..87019)], rps12 [complement(66255..66368)], trnK-UUU [complement(1579..1607)], trnK-UUU [complement(4119..4155)], ycf3 [6091..6216], ycf3 [6938..7165], ycf3 [7861..8013], trnG-UCC [complement(40453..40500)], trnG-UCC [complement(41210..41231)], trnL-UAA [43824..43860], trnL-UAA [44423..44472], trnV-UAC [complement(61553..61589)], trnV-UAC [complement(62179..62217)], rps12 [124268..124499], rps12 [125036..125067], petB [70422..70427], petB [71230..71871], petD [72082..72089], petD [73084..73558], rpl2 [complement(79866..80300)], rpl2 [complement(80991..81386)], ndhB [complement(83585..84340)], ndhB [complement(85028..85801)], trnI-GAU [90671..90713], trnI-GAU [91657..91691], trnA-UGC [91756..91793], trnA-UGC [92593..92627], ndhA [complement(108635..109174)], ndhA [complement(110252..110803)], trnA-UGC [complement(118660..118694)], trnA-UGC	trnK-UUU [complement(1608..4118)], ycf3 [6217..6937], ycf3 [7166..7860], trnG-UCC [complement(40501..41209)], trnL-UAA [43861..44422], trnV-UAC [complement(61590..62178)], petB [70428..71229], petD [72090..73083], rpl2 [complement(80301..80990)], ndhB [complement(84341..85027)], trnI-GAU [90714..91656], trnA-UGC [91794..92592], ndhA [complement(109175..110251)], trnA-UGC [complement(118695..119493)], trnI-GAU [complement(119631..120573)], ndhB [126260..126946], rpl2 [130297..130986]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(119494..119531)], trnI-GAU [complement(119596..119630)], trnI-GAU [complement(120574..120616)], ndhB [125486..126259], ndhB [126947..127702], rpl2 [129901..130296], rpl2 [130987..131421]	
2564.	PAA M	67	rps12 [complement(106367..106396)], rps12 [complement(106945..107175)], rps12 [complement(74896..75009)], trnK-UUU [complement(1669..1694)], trnK-UUU [complement(4748..4778)], rps16 [complement(5765..5961)], rps16 [complement(6795..6834)], trnG-GCC [10581..10603], trnG-GCC [11287..11333], atpF [complement(13480..13860)], atpF [complement(14692..14850)], rpoC1 [complement(22219..23835)], rpoC1 [complement(24622..25056)], psaB [complement(40394..41704)], psaB [complement(41707..42597)], ycf3 [complement(45517..45675)], ycf3 [complement(46454..46681)], ycf3 [complement(47400..47525)], trnL-UAA [50582..50616], trnL-UAA [51178..51227], trnV-UAC [complement(55028..55064)], trnV-UAC [complement(55651..55689)], rps12 [complement(74896..75009)], rps12 [147242..147472], rps12 [148021..148050], clpP [complement(75152..75403)], clpP [complement(76161..76447)], clpP [complement(77567..77636)], petB [81708..81713], petB [82467..83108], petD [83292..83299], petD [84203..84686], rpl16 [complement(88615..89031)], rpl16 [complement(90605..90613)], rpl2 [complement(92656..93084)], rpl2 [complement(93746..94138)], trnI-GAU [complement(111332..111369)], trnI-GAU [complement(112301..112335)], trnA-UGC [112322..112359], trnA-UGC [113161..113195], trnA-UGC [complement(141222..141256)], trnA-UGC [complement(142058..142095)], trnI-GAU [complement(142160..142194)], trnI-GAU [complement(143117..143153)], rpl2 [160279..160671], rpl2 [161333..161761]	trnK-UUU [complement(1695..4747)], rps16 [complement(5962..6794)], trnG-GCC [10604..11286], atpF [complement(13861..14691)], rpoC1 [complement(23836..24621)], psaB [complement(41705..41706)], ycf3 [complement(45676..46453)], ycf3 [complement(46682..47399)], trnL-UAA [50617..51177], trnV-UAC [complement(55065..55650)], clpP [complement(75404..76160)], clpP [complement(76448..77566)], petB [81714..82466], petD [83300..84202], rpl16 [complement(89032..90604)], rpl2 [complement(93085..93745)], trnI-GAU [complement(111370..112300)], trnA-UGC [112360..113160], trnA-UGC [complement(141257..142057)], trnI-GAU [complement(142195..143116)], rpl2 [160672..161332]
2565.	PAAN	24	rps12 [150418..150443]	trnK-UUU [complement(1607..4142)], rps16 [complement(5099..5987)], trnG-UCC [8576..9277], atpF [complement(11719..12429)], rpoC1 [complement(22032..22785)], ycf3 [complement(43609..44367)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(44597..45313)], trnL-UAA [48246..48802], trnV-UAC [complement(52509..53100)], clpP [complement(70902..71569)], clpP [complement(71859..72640)], petB [75615..76458], petD [77306..78029], rpl16 [complement(82394..83334)], rpl2 [complement(85533..86190)], ndhB [complement(96548..97250)], trnI-GAU [108123..109045], trnA-UGC [109183..109982], ndhA [complement(125304..126365)], trnA-UGC [complement(139327..140126)], trnI-GAU [complement(140264..141186)], ndhB [152059..152761], rpl2 [163119..163776]
2566.	PAAR	3	ndhA [complement(115420..115971)], ndhA [complement(117033..117571)]	ndhA [complement(115972..117032)]
2567.	PAAU	46	rps12 [complement(89262..89293)], rps12 [complement(89830..90061)], rps12 [complement(68886..69002)], trnK-UUU [complement(1573..1607)], trnK-UUU [complement(4066..4102)], trnL-UAA [45558..45592], trnL-UAA [46156..46205], trnV-UAC [complement(64546..64580)], trnV-UAC [complement(65170..65208)], rps12 [125634..125865], rps12 [126402..126433], ndhB [complement(86627..87382)], ndhB [complement(88070..88843)], trnI-GAU [93707..93743], trnI-GAU [94698..94732], trnA-UGC [94797..94834], trnA-UGC [95634..95668], trnA-UGC [complement(120027..120061)], trnA-UGC [complement(120861..120898)], trnI-GAU [complement(120963..120997)], trnI-GAU [complement(121952..121988)], ndhB [126852..127625], ndhB [128313..129068], trnV-UAC [150487..150525], trnV-UAC [151115..151149]	trnK-UUU [complement(1608..4065)], ycf3 [complement(41415..42106)], ycf3 [complement(42337..43060)], trnL-UAA [45593..46155], trnV-UAC [complement(64581..65169)], petB [72953..73768], petD [74619..75360], rpl16 [complement(79474..80554)], rpl2 [complement(82614..83320)], ndhB [complement(87383..88069)], trnI-GAU [93744..94697], trnA-UGC [94835..95633], ndhA [complement(110687..111768)], trnA-UGC [complement(120062..120860)], trnI-GAU [complement(120998..121951)], ndhB [127626..128312], rpl2 [132375..133081], rpl16 [135141..136221], petD [complement(140335..141076)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(141927..142742)], trnV-UAC [150526..151114]
2568.	PABI	37	rps12 [complement(86588..86619)], rps12 [complement(87156..87387)], rps12 [complement(66419..66535)], trnK-UUU [complement(1606..1640)], trnK-UUU [complement(4141..4177)], trnL-UAA [44029..44063], trnL-UAA [44627..44676], trnV-UAC [complement(61755..61789)], trnV-UAC [complement(62379..62417)], rps12 [124288..124519], rps12 [125056..125087], trnI-GAU [91128..91164], trnI-GAU [92119..92153], trnA-UGC [92218..92255], trnA-UGC [93059..93093], trnA-UGC [complement(118582..118616)], trnA-UGC [complement(119420..119457)], trnI-GAU [complement(119522..119556)], trnI-GAU [complement(120511..120547)]	trnK-UUU [complement(1641..4140)], ycf3 [6245..6965], ycf3 [7196..7889], trnL-UAA [44064..44626], trnV-UAC [complement(61790..62378)], petB [70526..71334], petD [72198..73286], rpl16 [complement(77636..78581)], rpl2 [complement(80649..81337)], ndhB [complement(84716..85402)], trnI-GAU [91165..92118], trnA-UGC [92256..93058], ndhA [complement(109246..110302)], trnA-UGC [complement(118617..119419)], trnI-GAU [complement(119557..120510)], ndhB [126273..126959], rpl2 [130339..131027], rpl16 [133094..134039]
2569.	PABR	72	rps12 [complement(97551..97576)], rps12 [complement(98118..98343)], rps12 [complement(69768..69881)], trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4181..4217)], rps16 [complement(4937..5169)], rps16 [complement(5983..6028)], trnG-GCC [9313..9346], trnG-GCC [10043..10090], atpF [complement(12093..12503)], atpF [complement(13199..13357)], rpoC1 [complement(21343..22959)], rpoC1 [complement(23668..24102)], ycf3 [complement(43260..43414)], ycf3 [complement(44177..44402)], ycf3 [complement(45133..45258)], trnL-UAA [48006..48045], trnL-UAA [48566..48614], trnV-UAC [complement(52271..52307)], trnV-UAC [complement(52887..52925)], rps12 [138147..138372], rps12 [138911..138939], clpP [complement(70050..70277)], clpP [complement(70932..71222)], clpP [complement(71898..71966)], petB [74887..74892], petB [75664..76314], petD [76523..76531], petD [77230..77703], rpl16 [complement(81148..81546)], rpl16 [complement(82557..82565)], rpl2 [complement(84341..84774)], rpl2 [complement(85440..85836)], ndhB [complement(94499..95254)], ndhB	trnK-UUU [complement(1730..4180)], rps16 [complement(5170..5982)], trnG-GCC [9347..10042], atpF [complement(12504..13198)], rpoC1 [complement(22960..23667)], ycf3 [complement(43415..44176)], ycf3 [complement(44403..45132)], trnL-UAA [48046..48565], trnV-UAC [complement(52308..52886)], clpP [complement(70278..70931)], clpP [complement(71223..71897)], petB [74893..75663], petD [76532..77229], rpl16 [complement(81547..82556)], rpl2 [complement(84775..85439)], ndhB [complement(95255..95936)], trnI-GAU [102284..103215], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(95937..96713)], trnI-GAU [102242..102283], trnI-GAU [103216..103250], trnA-UGC [103315..103352], trnA-UGC [104070..104104], ndhA [complement(118271..118810)], ndhA [complement(119822..120364)], trnA-UGC [complement(132386..132420)], trnA-UGC [complement(133138..133175)], trnI-GAU [complement(133240..133274)], trnI-GAU [complement(134207..134248)], ndhB [139777..140553], ndhB [141236..141991], rpl2 [150654..151050], rpl2 [151716..152149]	[103353..104069], ndhA [complement(118811..119821)], trnA-UGC [complement(132421..133137)], trnI-GAU [complement(133275..134206)], ndhB [140554..141235], rpl2 [151051..151715]
2570.	PACA	70	rps12 [complement(103276..103301)], rps12 [complement(103838..104069)], rps12 [complement(74116..74229)], trnK-UUU [complement(1858..1892)], trnK-UUU [complement(4444..4480)], trnG-GCC [8315..8337], trnG-GCC [9063..9108], atpF [complement(11894..12304)], atpF [complement(13100..13243)], rpoC1 [complement(21484..23094)], rpoC1 [complement(23876..24307)], ycf3 [complement(45273..45425)], ycf3 [complement(46132..46359)], ycf3 [complement(47092..47217)], trnL-UAA [49586..49622], trnL-UAA [50187..50237], trnV-UAC [complement(54356..54392)], trnV-UAC [complement(55000..55038)], rps12 [complement(74116..74229)], rps12 [147781..148012], rps12 [148549..148574], clpP [complement(74394..74619)], clpP [complement(75244..75536)], clpP [complement(76400..76468)], petB [79454..79459], petB [80292..80933], petD [81147..81154], petD [81938..82412], rpl16 [complement(86179..86577)], rpl16 [complement(87666..87674)], rpl2 [complement(89531..89965)], rpl2 [complement(90641..91039)], ndhB [complement(100216..100971)], ndhB [complement(101660..102436)], trnI-GAU [108067..108108], trnI-GAU [109056..109090], trnA-UGC [109155..109192], trnA-UGC [110001..110035], ndhA [complement(126829..127368)], ndhA [complement(128546..129115)], trnA-UGC [complement(141815..141849)], trnA-UGC [complement(142658..142695)], trnI-GAU [complement(142760..142794)], trnI-GAU [complement(143742..143783)], ndhB [149414..150190], ndhB [150879..151634], rpl2 [160811..161209], rpl2 [161885..162319]	trnK-UUU [complement(1893..4443)], trnG-GCC [8338..9062], atpF [complement(12305..13099)], rpoC1 [complement(23095..23875)], ycf3 [complement(45426..46131)], ycf3 [complement(46360..47091)], trnL-UAA [49623..50186], trnV-UAC [complement(54393..54999)], clpP [complement(74620..75243)], clpP [complement(75537..76399)], petB [79460..80291], petD [81155..81937], rpl16 [complement(86578..87665)], rpl2 [complement(89966..90640)], ndhB [complement(100972..101659)], trnI-GAU [108109..109055], trnA-UGC [109193..110000], ndhA [complement(127369..128545)], trnA-UGC [complement(141850..142657)], trnI-GAU [complement(142795..143741)], ndhB [150191..150878], rpl2 [161210..161884]
2571.	PACE	26	trnV [complement(53035..53069)], rps12 [143307..143333], ndhA [complement(121974..122003)]	trnK-UUU [complement(1805..4326)], rps16 [complement(5265..6105)], trnS-GCA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[9953..10632], atpF [complement(13157..13848)], rpoC1 [complement(23098..23842)], ycf3 [complement(43674..44405)], ycf3 [complement(44634..45350)], trnL-UAA [48583..49080], trnV [complement(53070..53651)], clpP [complement(72167..72823)], clpP [complement(73115..73976)], petB [77016..77774], petD [78625..79439], rpl16 [complement(83852..84823)], rpl2 [complement(86955..87612)], ndhB [complement(97430..98108)], trnI [104522..105464], trnA-UGC [105606..106418], ndhA [complement(122004..123646)], trnA-UGC [complement(136665..137477)], trnI [complement(137619..138561)], ndhB [144975..145653], rpl2 [155471..156128]
2572.	PACF	69	rps12 [complement(100825..100851)], rps12 [complement(101388..101618)], rps12 [complement(73230..73343)], trnK-UUU [complement(1785..1819)], trnK-UUU [complement(4335..4371)], rps16 [complement(5192..5421)], rps16 [complement(6262..6301)], trnG-UCC [10333..10356], trnG-UCC [11116..11163], atpF [complement(13062..13472)], atpF [complement(14199..14342)], rpoC1 [complement(21866..23487)], rpoC1 [complement(24207..24636)], ycf3 [complement(44680..44831)], ycf3 [complement(45562..45790)], ycf3 [complement(46520..46645)], trnL-UAA [49381..49415], trnL-UAA [49896..49945], trnV-UAC [complement(54446..54482)], trnV-UAC [complement(55071..55109)], rps12 [complement(73230..73343)], rps12 [145308..145335], clpP [complement(73490..73735)], clpP [complement(74391..74682)], clpP [complement(75458..75528)], petB [78406..78411], petB [79207..79848], petD	trnK-UUU [complement(1820..4334)], rps16 [complement(5422..6261)], trnG-UCC [10357..11115], atpF [complement(13473..14198)], rpoC1 [complement(23488..24206)], ycf3 [complement(44832..45561)], ycf3 [complement(45791..46519)], trnL-UAA [49416..49895], trnV-UAC [complement(54483..55070)], clpP [complement(73736..74390)], clpP [complement(74683..75457)], petB [78412..79206], petD [80054..80763], rpl16 [complement(85076..86046)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[80046..80053], petD [80764..81244], rpl16 [complement(84680..85075)], rpl16 [complement(86047..86055)], rpl2 [complement(87779..88224)], rpl2 [complement(88890..89280)], ndhB [complement(97741..98496)], ndhB [complement(99199..99972)], trnI-GAU [105483..105524], trnI-GAU [106464..106498], trnA-UGC [106563..106600], trnA-UGC [107399..107433], ndhA [complement(124153..124692)], ndhA [complement(125805..126356)], trnA-UGC [complement(138727..138761)], trnA-UGC [complement(139560..139597)], trnI-GAU [complement(139662..139696)], trnI-GAU [complement(140636..140677)], ndhB [146188..146961], ndhB [147664..148419]	[complement(88225..88889)], ndhB [complement(98497..99198)], trnI-GAU [105525..106463], trnA-UGC [106601..107398], ndhA [complement(124693..125804)], trnA-UGC [complement(138762..139559)], trnI-GAU [complement(139697..140635)], ndhB [146962..147663]
2573.	PACH	72	rps12 [complement(97372..97397)], rps12 [complement(97935..98166)], rps12 [complement(68876..68989)], trnK [complement(1695..1729)], trnK [complement(4292..4328)], rps16 [complement(4995..5221)], rps16 [complement(6109..6148)], trnG [8487..8509], trnG [9229..9277], atpF [complement(11379..11788)], atpF [complement(12518..12662)], rpoC1 [complement(20121..21731)], rpoC1 [complement(22528..22959)], ycf3 [complement(41973..42125)], ycf3 [complement(42905..43132)], ycf3 [complement(43851..43976)], trnL [46446..46480], trnL [46985..47034], trnV [complement(50542..50576)], trnV [complement(51182..51220)], rps12 [139880..140111], rps12 [140649..140674], clpP [complement(69170..69397)], clpP [complement(69973..70264)], clpP [complement(71152..71222)], petB [74184..74189], petB [74992..75633], petD [75822..75829], petD [76545..77019], rpl16 [complement(80504..80902)], rpl16 [complement(82016..82024)], rpl2 [complement(83711..84145)], rpl2 [complement(84828..85217)], ndhB [complement(94307..95068)], ndhB [complement(95761..96537)], trnI [102177..102218], trnI [103169..103203], trnA [103268..103305], trnA [104107..104141], ndhA [complement(119618..120147)], ndhA [complement(121226..121778)], trnA [complement(133905..133939)], trnA [complement(134741..134779)], trnI [complement(134843..134877)], trnI [complement(135833..135869)], ndhB [141509..142285], ndhB [142978..143739], rpl2 [152832..153221], rpl2 [153904..154338]	trnK [complement(1730..4291)], rps16 [complement(5222..6108)], trnG [8510..9228], atpF [complement(11789..12517)], rpoC1 [complement(21732..22527)], ycf3 [complement(42126..42904)], ycf3 [complement(43133..43850)], trnL [46481..46984], trnV [complement(50577..51181)], clpP [complement(69398..69972)], clpP [complement(70265..71151)], petB [74190..74991], petD [75830..76544], rpl16 [complement(80903..82015)], rpl2 [complement(84146..84827)], ndhB [complement(95069..95760)], trnI [102219..103168], trnA [103306..104106], ndhA [complement(120148..121225)], trnA [complement(133940..134740)], trnI [complement(134878..135832)], ndhB [142286..142977], rpl2 [153222..153903]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2574.	PACI	64	rps12 [complement(89153..89181)], rps12 [complement(89722..89953)], rps12 [complement(68704..68817)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3882..3919)], rps16 [complement(4454..4671)], rps16 [complement(5510..5549)], trnG-UCC [complement(12961..13008)], trnG-UCC [complement(13692..13714)], atpF [34324..34482], atpF [35298..35705], ycf3 [complement(43505..43663)], ycf3 [complement(44394..44621)], ycf3 [complement(45358..45489)], trnL-UAA [48263..48297], trnL-UAA [48838..48887], trnV-UAC [complement(52446..52482)], trnV-UAC [complement(53083..53121)], rps12 [126426..126657], rps12 [127198..127226], petB [72585..72590], petB [73377..74024], petD [74213..74220], petD [74961..75435], rpl16 [complement(78988..79389)], rpl16 [complement(80470..80478)], rpl2 [complement(82436..82867)], rpl2 [complement(83531..83920)], ndhB [complement(86082..86837)], ndhB [complement(87548..88324)], trnI-GAU [93759..93800], trnI-GAU [94748..94782], trnA-UGC [94848..94885], trnA-UGC [95696..95730], ndhA [complement(111194..111733)], ndhA [complement(112756..113295)], trnA-UGC [complement(120649..120683)], trnA-UGC [complement(121494..121531)], trnI-GAU [complement(121597..121631)], trnI-GAU [complement(122579..122620)], ndhB [128055..128831], ndhB [129542..130297], rpl2 [132459..132848], rpl2 [133512..133943]	trnK-UUU [complement(1411..3881)], rps16 [complement(4672..5509)], trnG-UCC [complement(13009..13691)], atpF [34483..35297], ycf3 [complement(43664..44393)], ycf3 [complement(44622..45357)], trnL-UAA [48298..48837], trnV-UAC [complement(52483..53082)], petB [72591..73376], petD [74221..74960], rpl16 [complement(79390..80469)], rpl2 [complement(82868..83530)], ndhB [complement(86838..87547)], trnI-GAU [93801..94747], trnA-UGC [94886..95695], ndhA [complement(111734..112755)], trnA-UGC [complement(120684..121493)], trnI-GAU [complement(121632..122578)], ndhB [128832..129541], rpl2 [132849..133511]
2575.	PACL	72	rps12 [complement(98796..98821)], rps12 [complement(99358..99589)], rps12 [complement(71144..71257)], trnK-UUU [complement(1856..1890)], trnK-UUU [complement(4410..4446)], rps16 [complement(5337..5563)], rps16 [complement(6430..6469)], trnG-UCC [9403..9425], trnG-UCC [10110..10157], atpF [complement(12120..12530)], atpF [complement(13239..13382)], rpoC1 [complement(21201..22805)], rpoC1 [complement(23572..24006)], ycf3 [complement(43056..43208)], ycf3 [complement(43953..44182)], ycf3 [complement(44896..45019)], trnL-UAA [47985..48019], trnL-UAA [48511..48560], trnV-UAC [complement(52523..52557)], trnV-UAC [complement(53139..53176)], rps12 [140523..140754], rps12 [141291..141316], clpP [complement(71391..71618)], clpP [complement(72262..72553)], clpP [complement(73286..73356)], petB	trnK-UUU [complement(1891..4409)], rps16 [complement(5564..6429)], trnG-UCC [9426..10109], atpF [complement(12531..13238)], rpoC1 [complement(22806..23571)], ycf3 [complement(43209..43952)], ycf3 [complement(44183..44895)], trnL-UAA [48020..48510], trnV-UAC [complement(52558..53138)], clpP [complement(71619..72261)], clpP [complement(72554..73285)], petB [76281..77008], petD [77858..78590], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76275..76280], petB [77009..77650], petD [77850..77857], petD [78591..79065], rpl16 [complement(82493..82891)], rpl16 [complement(83793..83801)], rpl2 [complement(85469..85902)], rpl2 [complement(86570..86960)], ndhB [complement(95789..96544)], ndhB [complement(97224..98000)], trnI-GAU [103275..103311], trnI-GAU [104261..104295], trnA-UGC [104360..104397], trnA-UGC [105207..105241], ndhA [complement(120309..120850)], ndhA [complement(121941..122493)], trnA-UGC [complement(134871..134905)], trnA-UGC [complement(135715..135752)], trnI-GAU [complement(135817..135851)], trnI-GAU [complement(136801..136837)], ndhB [142112..142888], ndhB [143568..144323], rpl2 [153152..153542], rpl2 [154210..154643]	[complement(82892..83792)], rpl2 [complement(85903..86569)], ndhB [complement(96545..97223)], trnI-GAU [103312..104260], trnA-UGC [104398..105206], ndhA [complement(120851..121940)], trnA-UGC [complement(134906..135714)], trnI-GAU [complement(135852..136800)], ndhB [142889..143567], rpl2 [153543..154209]
2576.	PACM	62	rps12 [complement(92087..92122)], rps12 [complement(92661..92891)], rps12 [complement(68768..68881)], trnK-UUU [complement(1383..1415)], trnK-UUU [complement(3919..3956)], rps16 [complement(4519..4748)], rps16 [complement(5610..5649)], trnG-UCC [complement(13179..13226)], trnG-UCC [complement(13902..13924)], atpF [34124..34282], atpF [35120..35527], ycf3 [complement(43275..43433)], ycf3 [complement(44158..44385)], ycf3 [complement(45132..45263)], trnL-UAA [48001..48035], trnL-UAA [48476..48525], trnV-UAC [complement(52101..52137)], trnV-UAC [complement(52735..52773)], petB [72635..72640], petB [73458..74099], petD [74288..74296], petD [75057..75530], rpl16 [complement(79063..79464)], rpl16 [complement(80588..80596)], rpl2 [complement(82528..82959)], rpl2 [complement(83620..84024)], ndhB [complement(89018..89773)], ndhB [complement(90486..91262)], trnI-GAU [96451..96492], trnI-GAU [97420..97454], trnA-UGC [97520..97557], trnA-UGC [98369..98403], ndhA [complement(114531..115070)], ndhA [complement(116095..116643)], trnA-UGC [complement(123996..124030)], trnA-UGC [complement(124842..124879)], trnI-GAU [complement(124945..124979)], trnI-GAU [complement(125907..125948)], ndhB [131137..131913], ndhB [132626..133381], rpl2 [138375..138779], rpl2 [139440..139871]	trnK-UUU [complement(1416..3918)], rps16 [complement(4749..5609)], trnG-UCC [complement(13227..13901)], atpF [34283..35119], ycf3 [complement(43434..44157)], ycf3 [complement(44386..45131)], trnL-UAA [48036..48475], trnV-UAC [complement(52138..52734)], petB [72641..73457], petD [74297..75056], rpl16 [complement(79465..80587)], rpl2 [complement(82960..83619)], ndhB [complement(89774..90485)], trnI-GAU [96493..97419], trnA-UGC [97558..98368], ndhA [complement(115071..116094)], trnA-UGC [complement(124031..124841)], trnI-GAU [complement(124980..125906)], ndhB [131914..132625], rpl2 [138780..139439]
2577.	PACN	6	rps12 [complement(96777..96802)]	trnK-UUU [complement(1738..4253)], trnL-UAA [complement(52568..53137)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[56694..57383], ndhB [141892..142583], rpl2 [149150..149824]
2578.	PACO	4	rps12 [complement(98662..98687)], rps12 [complement(99224..99455)], rps12 [140332..140563], rps12 [141100..141125]	-
2579.	PACP	56	rps12 [complement(103097..103122)], rps12 [complement(103659..103890)], rps12 [complement(73950..74063)], trnK-UUU [complement(1838..1872)], trnK-UUU [complement(4419..4455)], trnG-GCC [8292..8314], trnG-GCC [9040..9085], atpF [complement(11793..12203)], atpF [complement(13001..13144)], rpoC1 [complement(21386..22996)], rpoC1 [complement(23778..24209)], ycf3 [complement(45187..45339)], ycf3 [complement(46052..46279)], ycf3 [complement(47011..47136)], trnL-UAA [49480..49516], trnL-UAA [50079..50127], trnV-UAC [complement(54242..54278)], trnV-UAC [complement(54886..54924)], rps12 [complement(73950..74063)], rps12 [147633..147864], rps12 [148401..148426], clpP [complement(74228..74453)], clpP [complement(75079..75371)], clpP [complement(76238..76306)], petB [79292..79297], petB [80132..80773], petD [80987..80994], petD [81778..82252], rpl16 [complement(86016..86414)], rpl16 [complement(87488..87496)], rpl2 [complement(89352..89786)], rpl2 [complement(90462..90860)], ndhB [complement(100037..100792)], ndhB [complement(101481..102257)], trnI-GAU [107903..107944], trnI-GAU [108892..108926], trnA-UGC [108991..109028], trnA-UGC [109837..109871], ndhA [complement(126651..127190)], ndhA [complement(128368..128937)], trnA-UGC [complement(141649..141683)], trnA-UGC [complement(142492..142529)], trnI-GAU [complement(142594..142628)], trnI-GAU [complement(143576..143617)], ndhB [149266..150042], ndhB [150731..151486], rpl2 [160663..161061], rpl2 [161737..162171]	trnG-GCC [8315..9039], trnL-UAA [49517..50078], trnV-UAC [complement(54279..54885)], clpP [complement(74454..75078)], clpP [complement(75372..76237)], trnI-GAU [107945..108891], trnI-GAU [complement(142629..143575)], rpl2 [161062..161736]
2580.	PACR	72	rps12 [complement(99001..99026)], rps12 [complement(99568..99799)], rps12 [complement(70714..70827)], trnK-UUU [complement(1365..1399)], trnK-UUU [complement(4003..4039)], rps16 [complement(4806..5015)], rps16 [complement(5766..5807)], trnG-UCC [9418..9441], trnG-UCC [10116..10163], atpF [complement(12106..12516)], atpF	trnK-UUU [complement(1400..4002)], rps16 [complement(5016..5765)], trnG-UCC [9442..10115], atpF [complement(12517..13315)], rpoC1 [complement(22662..23367)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13316..13459)], rpoC1 [complement(21012..22661)], rpoC1 [complement(23368..23802)], ycf3 [complement(42650..42808)], ycf3 [complement(43556..43783)], ycf3 [complement(44519..44644)], trnL-UAA [47421..47455], trnL-UAA [48097..48146], trnV-UAC [complement(52457..52493)], trnV-UAC [complement(53091..53129)], rps12 [142410..142641], rps12 [143183..143208], clpP [complement(70993..71217)], clpP [complement(71861..72151)], clpP [complement(72931..72999)], petB [75912..75917], petB [76731..77372], petD [77570..77575], petD [78317..78793], rpl16 [complement(82273..82674)], rpl16 [complement(83689..83697)], rpl2 [complement(85566..85997)], rpl2 [complement(86662..87051)], ndhB [complement(95928..96683)], ndhB [complement(97379..98155)], trnI-GAU [103769..103810], trnI-GAU [104746..104780], trnA-UGC [104840..104877], trnA-UGC [105679..105713], ndhA [complement(121472..122002)], ndhA [complement(123067..123618)], trnA-UGC [complement(136496..136530)], trnA-UGC [complement(137332..137369)], trnI-GAU [complement(137429..137463)], trnI-GAU [complement(138399..138440)], ndhB [144054..144830], ndhB [145526..146281], rpl2 [155158..155550], rpl2 [156212..156643]	[complement(42809..43555)], ycf3 [complement(43784..44518)], trnL-UAA [47456..48096], trnV-UAC [complement(52494..53090)], clpP [complement(71218..71860)], clpP [complement(72152..72930)], petB [75918..76730], petD [77576..78316], rpl16 [complement(82675..83688)], rpl2 [complement(85998..86661)], ndhB [complement(96684..97378)], trnI-GAU [103811..104745], trnA-UGC [104878..105678], ndhA [complement(122003..123066)], trnA-UGC [complement(136531..137331)], trnI-GAU [complement(137464..138398)], ndhB [144831..145525], rpl2 [155551..156211]
2581.	PACT	61	rps12 [complement(101331..101362)], rps12 [complement(101899..102130)], rps12 [complement(70593..70706)], trnK-UUU [complement(201..229)], trnK-UUU [complement(2769..2805)], rpoC1 [complement(18272..19906)], rpoC1 [complement(20655..21086)], ycf3 [complement(42336..42488)], ycf3 [complement(43182..43409)], ycf3 [complement(44136..44261)], trnL-UAA [46744..46780], trnL-UAA [47369..47418], trnV-UAC [53920..53958], trnV-UAC [54550..54584], rps12 [complement(70593..70706)], rps12 [152234..152465], rps12 [153002..153033], clpP [complement(70903..71271)], clpP [complement(71973..72267)], clpP [complement(73011..73081)], petB [76153..76158], petB [76965..77606], petD [77807..77814], petD [78630..79104], rpl16 [complement(82691..83089)], rpl16 [complement(84153..84161)], rpl2 [complement(85756..86190)], rpl2 [complement(86912..87310)], ndhB [complement(98268..99023)], ndhB [complement(99711..100484)], trnI-GAU [106107..106147], trnI-GAU	trnK-UUU [complement(230..2768)], rpoC1 [complement(19907..20654)], ycf3 [complement(42489..43181)], ycf3 [complement(43410..44135)], trnL-UAA [46781..47368], trnV-UAC [53959..54549], clpP [complement(71272..71972)], clpP [complement(72268..73010)], petB [76159..76964], petD [77815..78629], rpl16 [complement(83090..84152)], rpl2 [complement(86191..86911)], ndhB [complement(99024..99710)], trnI-GAU [106148..107095], trnA-UGC [107233..108033], ndhA [complement(130786..131858)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[107096..107130], trnA-UGC [107195..107232], trnA-UGC [108034..108068], ndhA [complement(130246..130785)], ndhA [complement(131859..132410)], trnA-UGC [complement(146296..146330)], trnA-UGC [complement(147132..147169)], trnI-GAU [complement(147234..147268)], trnI-GAU [complement(148217..148257)], ndhB [153880..154653], ndhB [155341..156096]	[complement(146331..147131)], trnI-GAU [complement(147269..148216)], ndhB [154654..155340]
2582.	PACU	56	rps12 [complement(103237..103262)], rps12 [complement(103799..104030)], rps12 [complement(74093..74206)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4392..4428)], trnG-GCC [8290..8312], trnG-GCC [9038..9083], atpF [complement(11864..12274)], atpF [complement(13072..13215)], rpoC1 [complement(21432..23042)], rpoC1 [complement(23832..24263)], ycf3 [complement(45273..45425)], ycf3 [complement(46132..46359)], ycf3 [complement(47091..47216)], trnL-UAA [49560..49596], trnL-UAA [50166..50214], trnV-UAC [complement(54330..54366)], trnV-UAC [complement(54974..55012)], rps12 [complement(74093..74206)], rps12 [147791..148022], rps12 [148559..148584], clpP [complement(74371..74596)], clpP [complement(75223..75515)], clpP [complement(76380..76448)], petB [79436..79441], petB [80275..80916], petD [81127..81134], petD [81918..82392], rpl16 [complement(86160..86558)], rpl16 [complement(87627..87635)], rpl2 [complement(89492..89926)], rpl2 [complement(90602..91000)], ndhB [complement(100177..100932)], ndhB [complement(101621..102397)], trnI-GAU [108028..108069], trnI-GAU [109017..109051], trnA-UGC [109116..109153], trnA-UGC [109962..109996], ndhA [complement(126795..127334)], ndhA [complement(128537..129106)], trnA-UGC [complement(141825..141859)], trnA-UGC [complement(142668..142705)], trnI-GAU [complement(142770..142804)], trnI-GAU [complement(143752..143793)], ndhB [149424..150200], ndhB [150889..151644], rpl2 [160821..161219], rpl2 [161895..162329]	trnG-GCC [8313..9037], trnL-UAA [49597..50165], trnV-UAC [complement(54367..54973)], clpP [complement(74597..75222)], clpP [complement(75516..76379)], trnI-GAU [108070..109016], trnI-GAU [complement(142805..143751)], rpl2 [161220..161894]
2583.	PADA	63	rps12 [complement(99942..99967)], rps12 [complement(100515..100746)], rps12 [complement(71018..71131)], trnK-UUU [complement(1438..1472)], trnK-UUU [complement(4174..4210)], rps16 [complement(5101..5297)], rps16	trnK-UUU [complement(1473..4173)], rps16 [complement(5298..6170)], trnG-UCC [9476..10151], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6171..6210)], trnG-UCC [9453..9475], trnG-UCC [10152..10199], atpF [complement(12266..12675)], atpF [complement(13514..13658)], rpoC1 [complement(21242..22858)], rpoC1 [complement(23646..24080)], ycf3 [complement(43174..43329)], ycf3 [complement(44040..44269)], ycf3 [complement(44988..45111)], trnL-UAA [48048..48082], trnL-UAA [48649..48698], trnV-UAC [complement(51209..51243)], trnV-UAC [complement(51832..51870)], rps12 [140815..141046], rps12 [141594..141619], clpP [complement(71282..71539)], clpP [complement(72282..72573)], clpP [complement(73696..73766)], petB [77167..77172], petB [77939..78580], petD [78764..78771], petD [79646..80129], rpl16 [complement(83984..84388)], rpl16 [complement(85654..85662)], rpl2 [complement(87664..88094)], rpl2 [complement(88759..89149)], trnI-GAU [105297..105333], trnI-GAU [106273..106307], trnA-UGC [106372..106409], trnA-UGC [107197..107231], trnA-UGC [complement(134330..134364)], trnA-UGC [complement(135152..135189)], trnI-GAU [complement(135254..135288)], trnI-GAU [complement(136228..136264)], rpl2 [152412..152802], rpl2 [153467..153897]	[complement(12676..13513)], rpoC1 [complement(22859..23645)], ycf3 [complement(43330..44039)], ycf3 [complement(44270..44987)], trnL-UAA [48083..48648], trnV-UAC [complement(51244..51831)], clpP [complement(71540..72281)], clpP [complement(72574..73695)], petB [77173..77938], petD [78772..79645], rpl16 [complement(84389..85653)], rpl2 [complement(88095..88758)], trnI-GAU [105334..106272], trnA-UGC [106410..107196], trnA-UGC [complement(134365..135151)], trnI-GAU [complement(135289..136227)], rpl2 [152803..153466]
2584.	PADC	70	rps12 [complement(97540..97565)], rps12 [complement(98101..98332)], rps12 [complement(69782..69895)], trnK-UUU [complement(1711..1745)], trnK-UUU [complement(4190..4226)], rps16 [complement(4961..5194)], rps16 [complement(6013..6051)], trnG [9059..9081], trnG [9789..9836], atpF [complement(11847..12254)], atpF [complement(12954..13112)], rpoC1 [complement(21146..22762)], rpoC1 [complement(23465..23899)], ycf3 [complement(43100..43252)], ycf3 [complement(44016..44243)], ycf3 [complement(44960..45085)], trnL-UAA [47846..47882], trnL-UAA [48404..48453], trnV-UAC [complement(52121..52157)], trnV-UAC [complement(52732..52770)], clpP [complement(70064..70291)], clpP [complement(70948..71238)], clpP [complement(71910..71978)], petB [74902..74907], petB [75660..76316], petD [76526..76534], petD [77178..77702], rpl16 [complement(81157..81558)], rpl16 [complement(82566..82574)], rpl2 [complement(84336..84770)], rpl2	trnK-UUU [complement(1746..4189)], rps16 [complement(5195..6012)], trnG [9082..9788], atpF [complement(12255..12953)], rpoC1 [complement(22763..23464)], ycf3 [complement(43253..44015)], ycf3 [complement(44244..44959)], trnL-UAA [47883..48403], trnV-UAC [complement(52158..52731)], clpP [complement(70292..70947)], clpP [complement(71239..71909)], petB [74908..75659], petD [76535..77177], rpl16 [complement(81559..82565)], rpl2 [complement(84771..85438)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85439..85831)], ndhB [complement(94485..95240)], ndhB [complement(95923..96699)], trnI-GAU [102230..102271], trnI-GAU [103205..103239], trnA-UGC [103304..103341], trnA-UGC [104059..104093], ndhA [complement(118649..119188)], ndhA [complement(120189..120731)], trnA-UGC [complement(132774..132808)], trnA-UGC [complement(133526..133563)], trnI-GAU [complement(133628..133662)], trnI-GAU [complement(134596..134637)], ndhB [140168..140944], ndhB [141627..142382], rpl2 [151036..151425], rpl2 [152097..152531]	[complement(95241..95922)], trnI-GAU [102272..103204], trnA-UGC [103342..104058], ndhA [complement(119189..120188)], trnA-UGC [complement(132809..133525)], trnI-GAU [complement(133663..134595)], ndhB [140945..141626], rpl2 [151426..152096]
2585.	PADE	70	rps12 [complement(99332..99357)], rps12 [complement(99893..100124)], rps12 [complement(71528..71641)], trnK-UUU [complement(3235..3269)], trnK-UUU [complement(5721..5757)], rps16 [complement(6462..6695)], rps16 [complement(7513..7551)], trnG [10829..10851], trnG [11554..11601], atpF [complement(13603..14010)], atpF [complement(14711..14869)], rpoC1 [complement(22908..24524)], rpoC1 [complement(25218..25652)], ycf3 [complement(44786..44938)], ycf3 [complement(45702..45929)], ycf3 [complement(46649..46774)], trnL-UAA [49545..49581], trnL-UAA [50107..50156], trnV-UAC [complement(53839..53875)], trnV-UAC [complement(54451..54489)], clpP [complement(71810..72037)], clpP [complement(72694..72984)], clpP [complement(73661..73729)], petB [76653..76658], petB [77422..78078], petD [78288..78296], petD [78952..79476], rpl16 [complement(82935..83336)], rpl16 [complement(84353..84361)], rpl2 [complement(86135..86569)], rpl2 [complement(87238..87630)], ndhB [complement(96285..97040)], ndhB [complement(97723..98499)], trnI-GAU [104020..104061], trnI-GAU [104995..105029], trnA-UGC [105094..105131], trnA-UGC [105849..105883], ndhA [complement(120429..120968)], ndhA [complement(121985..122527)], trnA-UGC [complement(134580..134614)], trnA-UGC [complement(135332..135369)], trnI-GAU [complement(135434..135468)], trnI-GAU [complement(136402..136443)], ndhB [141964..142740], ndhB [143423..144178], rpl2 [152833..153222], rpl2 [153894..154328]	trnK-UUU [complement(3270..5720)], rps16 [complement(6696..7512)], trnG [10852..11553], atpF [complement(14011..14710)], rpoC1 [complement(24525..25217)], ycf3 [complement(44939..45701)], ycf3 [complement(45930..46648)], trnL-UAA [49582..50106], trnV-UAC [complement(53876..54450)], clpP [complement(72038..72693)], clpP [complement(72985..73660)], petB [76659..77421], petD [78297..78951], rpl16 [complement(83337..84352)], rpl2 [complement(86570..87237)], ndhB [complement(97041..97722)], trnI-GAU [104062..104994], trnA-UGC [105132..105848], ndhA [complement(120969..121984)], trnA-UGC [complement(134615..135331)], trnI-GAU [complement(135469..136401)], ndhB [142741..143422], rpl2 [153223..153893]
2586.	PADI	64	rps12 [complement(89495..89523)], rps12 [complement(90064..90295)], rps12 [complement(68255..68368)], trnK-UUU [complement(1381..1413)],	trnK-UUU [complement(1414..3898)], rps16 [complement(4708..5545)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3899..3936)], rps16 [complement(4490..4707)], rps16 [complement(5546..5585)], trnG-UCC [complement(13389..13436)], trnG-UCC [complement(14124..14146)], atpF [34809..34967], atpF [35781..36188], ycf3 [complement(44005..44157)], ycf3 [complement(44886..45113)], ycf3 [complement(45856..45987)], trnL-UAA [48745..48779], trnL-UAA [49323..49372], trnV-UAC [complement(52946..52982)], trnV-UAC [complement(53579..53617)], rps12 [126949..127180], rps12 [127721..127749], petB [72118..72123], petB [72856..73503], petD [73686..73693], petD [74414..74888], rpl16 [complement(78419..78820)], rpl16 [complement(79903..79911)], rpl2 [complement(81870..82301)], rpl2 [complement(82965..83351)], ndhB [complement(86422..87177)], ndhB [complement(87890..88666)], trnI-GAU [94140..94181], trnI-GAU [95128..95162], trnA-UGC [95228..95265], trnA-UGC [96076..96110], ndhA [complement(111639..112178)], ndhA [complement(113210..113758)], trnA-UGC [complement(121134..121168)], trnA-UGC [complement(121979..122016)], trnI-GAU [complement(122082..122116)], trnI-GAU [complement(123063..123104)], ndhB [128578..129354], ndhB [130067..130822], rpl2 [133893..134279], rpl2 [134943..135374]	[complement(13437..14123)], atpF [34968..35780], ycf3 [complement(44158..44885)], ycf3 [complement(45114..45855)], trnL-UAA [48780..49322], trnV-UAC [complement(52983..53578)], petB [72124..72855], petD [73694..74413], rpl16 [complement(78821..79902)], rpl2 [complement(82302..82964)], ndhB [complement(87178..87889)], trnI-GAU [94182..95127], trnA-UGC [95266..96075], ndhA [complement(112179..113209)], trnA-UGC [complement(121169..121978)], trnI-GAU [complement(122117..123062)], ndhB [129355..130066], rpl2 [134280..134942]
2587.	PADL	61	rps12 [complement(138556..138579)], rps12 [complement(139130..139360)], rps12 [complement(107628..107741)], trnA-UGC [complement(12824..12858)], trnA-UGC [complement(13660..13697)], trnI-GAU [complement(13762..13796)], trnI-GAU [complement(14720..14756)], rps12 [complement(107628..107741)], rps12 [18902..19132], rps12 [19683..19706], rpl2 [31892..32284], rpl2 [32946..33377], trnK-UUU [complement(35633..35658)], trnK-UUU [complement(38608..38638)], rps16 [complement(39606..39802)], rps16 [complement(40643..40682)], trnG-GCC [43725..43747], trnG-GCC [44431..44477], atpF [complement(46650..47030)], atpF [complement(47867..48025)], rpoC1 [complement(55415..57031)], rpoC1 [complement(57816..58250)], ycf3 [complement(78835..78995)], ycf3 [complement(79773..79998)], ycf3 [complement(80717..80842)], trnL-UAA [83492..83526], trnL-UAA [84088..84137], trnV-UAC [complement(87878..87914)], trnV-UAC [complement(88501..88539)], clpP	trnA-UGC [complement(12859..13659)], trnI-GAU [complement(13797..14719)], rpl2 [32285..32945], trnK-UUU [complement(35659..38607)], rps16 [complement(39803..40642)], trnG-GCC [43748..44430], atpF [complement(47031..47866)], rpoC1 [complement(57032..57815)], ycf3 [complement(78996..79772)], ycf3 [complement(79999..80716)], trnL-UAA [83527..84087], trnV-UAC [complement(87915..88500)], clpP [complement(108136..108864)], clpP [complement(109157..110261)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(107884..108135)], clpP [complement(108865..109156)], clpP [complement(110262..110332)], petB [114181..114186], petB [114931..115587], petD [115771..115778], petD [116670..117153], rpl2 [complement(124885..125316)], rpl2 [complement(125978..126370)], trnI-GAU [complement(143574..143613)], trnI-GAU [complement(144546..144578)], trnA-UGC [144565..144602], trnA-UGC [145404..145438]	[114187..114930], petD [115779..116669], rpl2 [complement(125317..125977)], trnI-GAU [complement(143614..144545)], trnA-UGC [144603..145403]
2588.	PADO	27	trnL-UAA [48582..48617], trnL-UAA [49115..49164], trnV [complement(53077..53121)], rps12 [142985..143011]	trnK-UUU [complement(1806..4326)], rps16 [complement(5272..6111)], trnS-GCA [9955..10634], atpF [complement(13160..13851)], rpoC1 [complement(23101..23848)], ycf3 [complement(43709..44440)], ycf3 [complement(44669..45385)], trnL-UAA [48618..49114], trnV [complement(53122..53693)], clpP [complement(71855..72511)], clpP [complement(72803..73665)], petB [76705..77463], petD [78314..79127], rpl16 [complement(83541..84513)], rpl2 [complement(86645..87302)], ndhB [complement(97120..97798)], trnI [104212..105144], trnA-UGC [105286..106098], ndhA [complement(122233..123336)], trnA-UGC [complement(136353..137165)], trnI [complement(137307..138239)], ndhB [144653..145331], rpl2 [155149..155806]
2589.	PADU	67	trnK-UUU [complement(1365..1399)], trnK-UUU [complement(4003..4039)], rps16 [complement(4800..5009)], rps16 [complement(5760..5801)], trnG-UCC [9422..9445], trnG-UCC [10120..10167], atpF [complement(12104..12514)], atpF [complement(13322..13465)], rpoC1 [complement(21019..22668)], rpoC1	trnK-UUU [complement(1400..4002)], rps16 [complement(5010..5759)], trnG-UCC [9446..10119], atpF [complement(12515..13321)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23375..23809)], ycf3 [complement(42679..42837)], ycf3 [complement(43584..43811)], ycf3 [complement(44547..44672)], trnL-UAA [47449..47483], trnL-UAA [48109..48158], trnV-UAC [complement(52430..52466)], trnV-UAC [complement(53064..53102)], clpP [complement(70935..71177)], clpP [complement(71803..72093)], clpP [complement(72884..72952)], petB [75865..75870], petB [76684..77325], petD [77523..77528], petD [78270..78746], rpl16 [complement(82228..82629)], rpl16 [complement(83663..83671)], rpl2 [complement(85546..85977)], rpl2 [complement(86642..87031)], ndhB [complement(96034..96789)], ndhB [complement(97485..98261)], trnI-GAU [103875..103916], trnI-GAU [104852..104886], trnA-UGC [104946..104983], trnA-UGC [105785..105819], ndhA [complement(121618..122148)], ndhA [complement(123213..123764)], trnA-UGC [complement(136648..136682)], trnA-UGC [complement(137484..137521)], trnI-GAU [complement(137581..137615)], trnI-GAU [complement(138551..138592)], ndhB [144206..144982], ndhB [145678..146433], rpl2 [155436..155828], rpl2 [156490..156921]	[complement(22669..23374)], ycf3 [complement(42838..43583)], ycf3 [complement(43812..44546)], trnL-UAA [47484..48108], trnV-UAC [complement(52467..53063)], clpP [complement(71178..71802)], clpP [complement(72094..72883)], petB [75871..76683], petD [77529..78269], rpl16 [complement(82630..83662)], rpl2 [complement(85978..86641)], ndhB [complement(96790..97484)], trnI-GAU [103917..104851], trnA-UGC [104984..105784], ndhA [complement(122149..123212)], trnA-UGC [complement(136683..137483)], trnI-GAU [complement(137616..138550)], ndhB [144983..145677], rpl2 [155829..156489]
2590.	PAED	21	rps12 [28014..28127], rps12 [complement(96218..96243)], rpl16 [complement(83129..83527)]	trnK-UUU [complement(1725..4248)], rpoC1 [complement(21762..22512)], trnV-UAC [complement(44487..45083)], trnL-UAA [complement(51649..52216)], ycf3 [54792..55523], ycf3 [55748..56436], petB [76589..77409], petD [78253..79102], rpl16 [complement(83528..84624)], rpl2 [complement(86712..87383)], ndhB [complement(93911..94597)], trnI-GAU [100967..101915], trnA-UGC [102053..102852], ndhA [complement(122111..123175)], trnA-UGC [complement(134276..135075)], trnI-GAU [complement(135213..136161)], ndhB [142530..143216], rpl2 [149744..150415]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2591.	PAEL	72	<p>rps12 [complement(98736..98761)], rps12 [complement(99298..99529)], rps12 [complement(71110..71223)], trnK-UUU [complement(1847..1881)], trnK-UUU [complement(4403..4439)], rps16 [complement(5331..5557)], rps16 [complement(6437..6476)], trnG-UCC [9415..9437], trnG-UCC [10122..10169], atpF [complement(12136..12546)], atpF [complement(13256..13399)], rpoC1 [complement(21199..22803)], rpoC1 [complement(23577..24011)], ycf3 [complement(43055..43207)], ycf3 [complement(43945..44174)], ycf3 [complement(44888..45011)], trnL-UAA [47974..48008], trnL-UAA [48501..48550], trnV-UAC [complement(52503..52537)], trnV-UAC [complement(53119..53156)], rps12 [140421..140652], rps12 [141189..141214], clpP [complement(71357..71584)], clpP [complement(72228..72519)], clpP [complement(73252..73322)], petB [76241..76246], petB [76977..77618], petD [77818..77825], petD [78559..79033], rpl16 [complement(82469..82867)], rpl16 [complement(83768..83776)], rpl2 [complement(85427..85860)], rpl2 [complement(86528..86918)], ndhB [complement(95729..96484)], ndhB [complement(97164..97940)], trnI-GAU [103215..103251], trnI-GAU [104201..104235], trnA-UGC [104300..104337], trnA-UGC [105148..105182], ndhA [complement(120208..120749)], ndhA [complement(121838..122390)], trnA-UGC [complement(134768..134802)], trnA-UGC [complement(135613..135650)], trnI-GAU [complement(135715..135749)], trnI-GAU [complement(136699..136735)], ndhB [142010..142786], ndhB [143466..144221], rpl2 [153032..153422], rpl2 [154090..154523]</p>	<p>trnK-UUU [complement(1882..4402)], rps16 [complement(5558..6436)], trnG-UCC [9438..10121], atpF [complement(12547..13255)], rpoC1 [complement(22804..23576)], ycf3 [complement(43208..43944)], ycf3 [complement(44175..44887)], trnL-UAA [48009..48500], trnV-UAC [complement(52538..53118)], clpP [complement(71585..72227)], clpP [complement(72520..73251)], petB [76247..76976], petD [77826..78558], rpl16 [complement(82868..83767)], rpl2 [complement(85861..86527)], ndhB [complement(96485..97163)], trnI-GAU [103252..104200], trnA-UGC [104338..105147], ndhA [complement(120750..121837)], trnA-UGC [complement(134803..135612)], trnI-GAU [complement(135750..136698)], ndhB [142787..143465], rpl2 [153423..154089]</p>
2592.	PAEN	67	<p>rps12 [complement(97738..97763)], rps12 [complement(98301..98532)], rps12 [complement(69250..69363)], trnK [complement(1716..1750)], trnK [complement(4319..4355)], rps16 [complement(4988..5214)], rps16 [complement(6107..6146)], trnG [8500..8522], trnG [9242..9290], atpF [complement(11405..11814)], atpF [complement(12533..12677)], rpoC1 [complement(20147..21763)], rpoC1 [complement(22551..22982)], trnL [46889..46923], trnL [47430..47479], trnV [complement(50804..50838)], trnV [complement(51444..51482)], rps12 [140296..140527], rps12 [141065..141090], clpP [complement(69545..69772)], clpP</p>	<p>trnK [complement(1751..4318)], rps16 [complement(5215..6106)], trnG [8523..9241], atpF [complement(11815..12532)], rpoC1 [complement(21764..22550)], trnL [46924..47429], trnV [complement(50839..51443)], clpP [complement(69773..70358)], clpP [complement(70651..71536)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(70359..70650)], clpP [complement(71537..71607)], petB [74569..74574], petB [75369..76010], petD [76199..76206], petD [76922..77396], rpl16 [complement(80876..81274)], rpl16 [complement(82391..82399)], rpl2 [complement(84086..84520)], rpl2 [complement(85203..85592)], ndhB [complement(94680..95441)], ndhB [complement(96127..96849)], trnI [102534..102570], trnI [103518..103552], trnA [103617..103654], trnA [104456..104490], ndhA [complement(120013..120542)], ndhA [complement(121633..122185)], trnA [complement(134348..134382)], trnA [complement(135184..135221)], trnI [complement(135286..135320)], trnI [complement(136268..136304)], ndhB [141979..142701], ndhB [143387..144148], rpl2 [153230..153619], rpl2 [154302..154736]	[74575..75368], petD [76207..76921], rpl16 [complement(81275..82390)], rpl2 [complement(84521..85202)], ndhB [complement(95442..96126)], trnI [102571..103517], trnA [103655..104455], ndhA [complement(120543..121632)], trnA [complement(134383..135183)], trnI [complement(135321..136267)], ndhB [142702..143386], rpl2 [153620..154301]
2593.	PAER	64	rps12 [complement(97747..97989)], rps12 [complement(68522..68659)], trnK-UUU [complement(1648..1676)], trnK-UUU [complement(4236..4272)], trnV-UAC [9752..9790], trnV-UAC [10382..10418], ycf3 [16551..16676], ycf3 [17374..17601], ycf3 [18397..18549], rpoC1 [37769..38203], rpoC1 [38982..40610], atpF [48530..48697], atpF [49410..49823], rps16 [55232..55271], rps16 [56165..56394], rps12 [137564..137806], clpP [complement(68834..69061)], clpP [complement(69803..70099)], clpP [complement(70804..70872)], petB [73782..73787], petB [74608..75249], petD [75449..75457], petD [76185..76658], rpl16 [complement(80510..80908)], rpl16 [complement(82046..82054)], rpl2 [complement(83727..84197)], rpl2 [complement(84876..85268)], ndhB [complement(94145..94900)], ndhB [complement(95592..96314)], trnI-GAU [101556..101597], trnI-GAU [102546..102580], trnA-UGC [102645..102682], trnA-UGC [103493..103527], ndhA [complement(117414..117953)], ndhA [complement(119195..119746)], trnA-UGC [complement(132026..132060)], trnA-UGC [complement(132871..132908)], trnI-GAU [complement(132973..133007)], trnI-GAU [complement(133956..133997)], ndhB [139239..139961], ndhB [140653..141408], rpl2 [150285..150677], rpl2 [151356..151826]	trnK-UUU [complement(1677..4235)], trnV-UAC [9791..10381], ycf3 [16677..17373], ycf3 [17602..18396], rpoC1 [38204..38981], atpF [48698..49409], rps16 [55272..56164], clpP [complement(69062..69802)], clpP [complement(70100..70803)], petB [73788..74607], petD [75458..76184], rpl16 [complement(80909..82045)], rpl2 [complement(84198..84875)], ndhB [complement(94901..95591)], trnI-GAU [101598..102545], trnA-UGC [102683..103492], ndhA [complement(117954..119194)], trnA-UGC [complement(132061..132870)], trnI-GAU [complement(133008..133955)], ndhB [139962..140652], rpl2 [150678..151355]
2594.	PAFA	72	rps12 [complement(99038..99063)], rps12 [complement(99605..99836)], rps12 [complement(70737..70850)], trnK-UUU [complement(1391..1425)],	trnK-UUU [complement(1426..4028)], rps16 [complement(5043..5792)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4029..4065)], rps16 [complement(4833..5042)], rps16 [complement(5793..5834)], trnG-UCC [9475..9498], trnG-UCC [10173..10220], atpF [complement(12157..12567)], atpF [complement(13394..13537)], rpoC1 [complement(21091..22740)], rpoC1 [complement(23447..23881)], ycf3 [complement(42751..42909)], ycf3 [complement(43658..43885)], ycf3 [complement(44621..44746)], trnL-UAA [47539..47573], trnL-UAA [48182..48231], trnV-UAC [complement(52474..52510)], trnV-UAC [complement(53108..53146)], rps12 [142232..142463], rps12 [143005..143030], clpP [complement(71016..71240)], clpP [complement(71883..72173)], clpP [complement(72954..73022)], petB [75936..75941], petB [76755..77396], petD [77594..77599], petD [78341..78817], rpl16 [complement(82299..82700)], rpl16 [complement(83730..83738)], rpl2 [complement(85613..86044)], rpl2 [complement(86709..87098)], ndhB [complement(95965..96720)], ndhB [complement(97416..98192)], trnI-GAU [103806..103847], trnI-GAU [104783..104817], trnA-UGC [104877..104914], trnA-UGC [105716..105750], ndhA [complement(121390..121920)], ndhA [complement(122984..123535)], trnA-UGC [complement(136318..136352)], trnA-UGC [complement(137154..137191)], trnI-GAU [complement(137251..137285)], trnI-GAU [complement(138221..138262)], ndhB [143876..144652], ndhB [145348..146103], rpl2 [154970..155362], rpl2 [156024..156455]	[9499..10172], atpF [complement(12568..13393)], rpoC1 [complement(22741..23446)], ycf3 [complement(42910..43657)], ycf3 [complement(43886..44620)], trnL-UAA [47574..48181], trnV-UAC [complement(52511..53107)], clpP [complement(71241..71882)], clpP [complement(72174..72953)], petB [75942..76754], petD [77600..78340], rpl16 [complement(82701..83729)], rpl2 [complement(86045..86708)], ndhB [complement(96721..97415)], trnI-GAU [103848..104782], trnA-UGC [104915..105715], ndhA [complement(121921..122983)], trnA-UGC [complement(136353..137153)], trnI-GAU [complement(137286..138220)], ndhB [144653..145347], rpl2 [155363..156023]
2595.	PAFG	72	rps12 [complement(98660..98685)], rps12 [complement(99222..99453)], rps12 [complement(71034..71147)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4365..4401)], rps16 [complement(5298..5524)], rps16 [complement(6402..6441)], trnG-UCC [9342..9364], trnG-UCC [10049..10096], atpF [complement(12062..12472)], atpF [complement(13181..13324)], rpoC1 [complement(21122..22726)], rpoC1 [complement(23500..23934)], ycf3 [complement(42945..43097)], ycf3 [complement(43829..44058)], ycf3 [complement(44772..44895)], trnL-UAA [47850..47884], trnL-UAA [48378..48427], trnV-UAC [complement(52398..52432)], trnV-UAC [complement(53014..53051)], rps12 [140316..140547], rps12 [141084..141109], clpP [complement(71280..71507)],	trnK-UUU [complement(1844..4364)], rps16 [complement(5525..6401)], trnG-UCC [9365..10048], atpF [complement(12473..13180)], rpoC1 [complement(22727..23499)], ycf3 [complement(43098..43828)], ycf3 [complement(44059..44771)], trnL-UAA [47885..48377], trnV-UAC [complement(52433..53013)], clpP [complement(71508..72151)], clpP [complement(72444..73175)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(72152..72443)], clpP [complement(73176..73246)], petB [76166..76171], petB [76898..77539], petD [77739..77746], petD [78480..78954], rpl16 [complement(82379..82777)], rpl16 [complement(83692..83700)], rpl2 [complement(85351..85784)], rpl2 [complement(86452..86842)], ndhB [complement(95653..96408)], ndhB [complement(97088..97864)], trnI-GAU [103138..103174], trnI-GAU [104124..104158], trnA-UGC [104223..104260], trnA-UGC [105070..105104], ndhA [complement(120120..120661)], ndhA [complement(121751..122303)], trnA-UGC [complement(134665..134699)], trnA-UGC [complement(135509..135546)], trnI-GAU [complement(135611..135645)], trnI-GAU [complement(136595..136631)], ndhB [141905..142681], ndhB [143361..144116], rpl2 [152927..153317], rpl2 [153985..154418]</p>	<p>[76172..76897], petD [77747..78479], rpl16 [complement(82778..83691)], rpl2 [complement(85785..86451)], ndhB [complement(96409..97087)], trnI-GAU [103175..104123], trnA-UGC [104261..105069], ndhA [complement(120662..121750)], trnA-UGC [complement(134700..135508)], trnI-GAU [complement(135646..136594)], ndhB [142682..143360], rpl2 [153318..153984]</p>
2596.	PAFI	64	<p>rps12 [complement(91694..91722)], rps12 [complement(92263..92494)], rps12 [complement(67739..67852)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3889..3926)], rps16 [complement(4475..4692)], rps16 [complement(5534..5573)], trnG-UCC [complement(13309..13356)], trnG-UCC [complement(14044..14066)], atpF [34268..34426], atpF [35241..35648], ycf3 [complement(43465..43617)], ycf3 [complement(44347..44574)], ycf3 [complement(45317..45448)], trnL-UAA [48204..48238], trnL-UAA [48779..48828], trnV-UAC [complement(52411..52447)], trnV-UAC [complement(53044..53082)], rps12 [129093..129324], rps12 [129865..129893], petB [71599..71604], petB [72349..72996], petD [73179..73186], petD [73907..74381], rpl16 [complement(77914..78315)], rpl16 [complement(79396..79404)], rpl2 [complement(81359..81790)], rpl2 [complement(82454..82843)], ndhB [complement(88616..89371)], ndhB [complement(90084..90860)], trnI-GAU [96330..96371], trnI-GAU [97318..97352], trnA-UGC [97418..97455], trnA-UGC [98266..98300], ndhA [complement(113792..114304)], ndhA [complement(115363..115911)], trnA-UGC [complement(123287..123321)], trnA-UGC [complement(124132..124169)], trnI-GAU [complement(124235..124269)], trnI-GAU [complement(125216..125257)], ndhB [130727..131503], ndhB [132216..132971], rpl2 [138744..139133], rpl2 [139797..140228]</p>	<p>trnK-UUU [complement(1414..3888)], rps16 [complement(4693..5533)], trnG-UCC [complement(13357..14043)], atpF [34427..35240], ycf3 [complement(43618..44346)], ycf3 [complement(44575..45316)], trnL-UAA [48239..48778], trnV-UAC [complement(52448..53043)], petB [71605..72348], petD [73187..73906], rpl16 [complement(78316..79395)], rpl2 [complement(81791..82453)], ndhB [complement(89372..90083)], trnI-GAU [96372..97317], trnA-UGC [97456..98265], ndhA [complement(114305..115362)], trnA-UGC [complement(123322..124131)], trnI-GAU [complement(124270..125215)], ndhB [131504..132215], rpl2 [139134..139796]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2597.	PAFL	55	rps12 [complement(87750..87781)], rps12 [complement(88318..88549)], rps12 [complement(68670..68783)], trnK-UUU [complement(1651..1679)], trnK-UUU [complement(4224..4260)], ycf3 [7352..7477], ycf3 [8204..8431], ycf3 [9127..9279], trnG-UCC [complement(42283..42330)], trnG-UCC [complement(43042..43064)], trnL-UAA [45798..45834], trnL-UAA [46391..46440], trnV-UAC [complement(63642..63686)], trnV-UAC [complement(64326..64364)], rps12 [125186..125417], rps12 [125954..125985], petB [72911..72916], petB [73722..74363], petD [74559..74566], petD [75337..75811], rpl2 [complement(81298..81732)], rpl2 [complement(82422..82817)], ndhB [complement(85110..85865)], ndhB [complement(86553..87326)], trnI-GAU [92198..92240], trnI-GAU [93189..93223], trnA-UGC [93284..93321], trnA-UGC [94120..94154], ndhA [complement(109623..110162)], ndhA [complement(111231..111782)], trnA-UGC [complement(119581..119615)], trnA-UGC [complement(120414..120451)], trnI-GAU [complement(120512..120546)], trnI-GAU [complement(121495..121537)], ndhB [126409..127182], ndhB [127870..128625], rpl2 [130918..131313], rpl2 [132003..132437]	trnK-UUU [complement(1680..4223)], ycf3 [7478..8203], ycf3 [8432..9126], trnG-UCC [complement(42331..43041)], trnL-UAA [45835..46390], trnV-UAC [complement(63687..64325)], petB [72917..73721], petD [74567..75336], rpl2 [complement(81733..82421)], ndhB [complement(85866..86552)], trnI-GAU [92241..93188], trnA-UGC [93322..94119], ndhA [complement(110163..111230)], trnA-UGC [complement(119616..120413)], trnI-GAU [complement(120547..121494)], ndhB [127183..127869], rpl2 [131314..132002]
2598.	PAFO	61	rps12 [complement(98847..98878)], rps12 [complement(99415..99646)], rps12 [complement(71430..71543)], trnK-UUU [complement(1635..1663)], trnK-UUU [complement(4193..4229)], trnG-UCC [8367..8389], trnG-UCC [9093..9140], rpoC1 [complement(20559..22193)], rpoC1 [complement(22945..23376)], ycf3 [complement(43927..44079)], ycf3 [complement(44768..44995)], ycf3 [complement(45724..45849)], trnL-UAA [48255..48291], trnL-UAA [48859..48908], trnV-UAC [55408..55446], trnV-UAC [56042..56078], rps12 [147256..147487], rps12 [148024..148055], petB [75515..75520], petB [76357..76998], petD [77191..77198], petD [78029..78503], rpl16 [complement(82117..82515)], rpl16 [complement(83590..83598)], rpl2 [complement(85187..85621)], rpl2 [complement(86333..86731)], ndhB [complement(95784..96539)], ndhB [complement(97227..98000)], trnI-GAU [103547..103588], trnI-GAU [104538..104572], trnA-UGC [104637..104674], trnA-UGC [105475..105509], ndhA [complement(126327..126866)], ndhA [complement(127929..128480)],	trnK-UUU [complement(1664..4192)], trnG-UCC [8390..9092], rpoC1 [complement(22194..22944)], ycf3 [complement(44080..44767)], ycf3 [complement(44996..45723)], trnL-UAA [48292..48858], trnV-UAC [55447..56041], petB [75521..76356], petD [77199..78028], rpl16 [complement(82516..83589)], rpl2 [complement(85622..86332)], ndhB [complement(96540..97226)], trnI-GAU [103589..104537], trnA-UGC [104675..105474], ndhA [complement(126867..127928)], trnA-UGC [complement(141428..142227)], trnI-GAU [complement(142365..143313)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(141393..141427)], trnA-UGC [complement(142228..142265)], trnI-GAU [complement(142330..142364)], trnI-GAU [complement(143314..143355)], ndhB [148902..149675], ndhB [150363..151118], rpl2 [160171..160569], rpl2 [161281..161715]	[149676..150362], rpl2 [160570..161280]
2599.	PAFR	72	rps12 [complement(98735..98760)], rps12 [complement(99297..99528)], rps12 [complement(71109..71222)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4404..4440)], rps16 [complement(5332..5558)], rps16 [complement(6438..6477)], trnG-UCC [9416..9438], trnG-UCC [10123..10170], atpF [complement(12136..12546)], atpF [complement(13256..13399)], rpoC1 [complement(21198..22802)], rpoC1 [complement(23576..24010)], ycf3 [complement(43055..43207)], ycf3 [complement(43945..44174)], ycf3 [complement(44888..45011)], trnL-UAA [47973..48007], trnL-UAA [48500..48549], trnV-UAC [complement(52502..52536)], trnV-UAC [complement(53118..53155)], rps12 [140422..140653], rps12 [141190..141215], clpP [complement(71356..71583)], clpP [complement(72226..72517)], clpP [complement(73250..73320)], petB [76239..76244], petB [76975..77616], petD [77816..77823], petD [78557..79031], rpl16 [complement(82468..82866)], rpl16 [complement(83767..83775)], rpl2 [complement(85426..85859)], rpl2 [complement(86527..86917)], ndhB [complement(95728..96483)], ndhB [complement(97163..97939)], trnI-GAU [103214..103250], trnI-GAU [104200..104234], trnA-UGC [104299..104336], trnA-UGC [105147..105181], ndhA [complement(120209..120750)], ndhA [complement(121839..122391)], trnA-UGC [complement(134769..134803)], trnA-UGC [complement(135614..135651)], trnI-GAU [complement(135716..135750)], trnI-GAU [complement(136700..136736)], ndhB [142011..142787], ndhB [143467..144222], rpl2 [153033..153423], rpl2 [154091..154524]	trnK-UUU [complement(1883..4403)], rps16 [complement(5559..6437)], trnG-UCC [9439..10122], atpF [complement(12547..13255)], rpoC1 [complement(22803..23575)], ycf3 [complement(43208..43944)], ycf3 [complement(44175..44887)], trnL-UAA [48008..48499], trnV-UAC [complement(52537..53117)], clpP [complement(71584..72225)], clpP [complement(72518..73249)], petB [76245..76974], petD [77824..78556], rpl16 [complement(82867..83766)], rpl2 [complement(85860..86526)], ndhB [complement(96484..97162)], trnI-GAU [103251..104199], trnA-UGC [104337..105146], ndhA [complement(120751..121838)], trnA-UGC [complement(134804..135613)], trnI-GAU [complement(135751..136699)], ndhB [142788..143466], rpl2 [153424..154090]
2600.	PAGE	64	rps12 [complement(91611..91639)], rps12 [complement(92180..92411)], rps12 [complement(69140..69253)], trnK-UUU [complement(1370..1402)], trnK-UUU [complement(3884..3921)], rps16 [complement(4465..4682)], rps16 [complement(5538..5577)], trnG-UCC [complement(13266..13313)], trnG-UCC [complement(13997..14019)], atpF [35082..35240], atpF [36045..36452],	trnK-UUU [complement(1403..3883)], rps16 [complement(4683..5537)], trnG-UCC [complement(13314..13996)], atpF [35241..36044], ycf3 [complement(44444..45183)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ycf3 [complement(44285..44443)], ycf3 [complement(45184..45411)], ycf3 [complement(46146..46277)], trnL-UAA [49022..49056], trnL-UAA [49595..49648], trnV-UAC [complement(52889..52925)], trnV-UAC [complement(53529..53567)], rps12 [128773..129004], rps12 [129545..129573], petB [72995..73000], petB [73755..74402], petD [74591..74598], petD [75339..75813], rpl16 [complement(79340..79741)], rpl16 [complement(80663..80671)], rpl2 [complement(82624..83055)], rpl2 [complement(83719..84108)], ndhB [complement(88540..89295)], ndhB [complement(90006..90782)], trnI-GAU [96209..96250], trnI-GAU [97198..97232], trnA-UGC [97298..97335], trnA-UGC [98146..98180], ndhA [complement(113522..114061)], ndhA [complement(115089..115628)], trnA-UGC [complement(123004..123038)], trnA-UGC [complement(123849..123886)], trnI-GAU [complement(123952..123986)], trnI-GAU [complement(124934..124975)], ndhB [130402..131178], ndhB [131889..132644], rpl2 [137076..137465], rpl2 [138129..138560]	[complement(45412..46145)], trnL-UAA [49057..49594], trnV-UAC [complement(52926..53528)], petB [73001..73754], petD [74599..75338], rpl16 [complement(79742..80662)], rpl2 [complement(83056..83718)], ndhB [complement(89296..90005)], trnI-GAU [96251..97197], trnA-UGC [97336..98145], ndhA [complement(114062..115088)], trnA-UGC [complement(123039..123848)], trnI-GAU [complement(123987..124933)], ndhB [131179..131888], rpl2 [137466..138128]
2601.	PAGI	5	rps12 [142618..142849], rps12 [143386..143411], rpl2 [154730..155120], rpl2 [155781..156214]	rpl2 [155121..155780]
2602.	PAGL	64	rps12 [complement(91079..91107)], rps12 [complement(91648..91879)], rps12 [complement(68083..68196)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3903..3940)], rps16 [complement(4488..4705)], rps16 [complement(5546..5585)], trnG-UCC [complement(12996..13043)], trnG-UCC [complement(13731..13753)], atpF [34618..34776], atpF [35591..35998], ycf3 [complement(43801..43953)], ycf3 [complement(44682..44909)], ycf3 [complement(45637..45768)], trnL-UAA [48523..48557], trnL-UAA [49101..49150], trnV-UAC [complement(52717..52753)], trnV-UAC [complement(53350..53388)], rps12 [128492..128723], rps12 [129264..129292], petB [71942..71947], petB [72692..73339], petD [73522..73529], petD [74250..74724], rpl16 [complement(78253..78654)], rpl16 [complement(79730..79738)], rpl2 [complement(81692..82123)], rpl2 [complement(82787..83176)], ndhB [complement(88006..88761)], ndhB [complement(89474..90250)], trnI-GAU [95735..95776], trnI-GAU [96723..96757], trnA-UGC [96823..96860], trnA-UGC [97671..97705], ndhA	trnK-UUU [complement(1414..3902)], rps16 [complement(4706..5545)], trnG-UCC [complement(13044..13730)], atpF [34777..35590], ycf3 [complement(43954..44681)], ycf3 [complement(44910..45636)], trnL-UAA [48558..49100], trnV-UAC [complement(52754..53349)], petB [71948..72691], petD [73530..74249], rpl16 [complement(78655..79729)], rpl2 [complement(82124..82786)], ndhB [complement(88762..89473)], trnI-GAU [95777..96722], trnA-UGC [96861..97670], ndhA [complement(113719..114755)], trnA-UGC [complement(122701..123510)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(113179..113718)], ndhA [complement(114756..115304)], trnA-UGC [complement(122666..122700)], trnA-UGC [complement(123511..123548)], trnI-GAU [complement(123614..123648)], trnI-GAU [complement(124595..124636)], ndhB [130121..130897], ndhB [131610..132365], rpl2 [137195..137584], rpl2 [138248..138679]	GAU [complement(123649..124594)], ndhB [130898..131609], rpl2 [137585..138247]
2603.	PAHE	64	rps12 [complement(99153..99178)], rps12 [complement(99715..99946)], rps12 [complement(72261..72374)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4377..4413)], rps16 [complement(4997..5226)], rps16 [complement(6064..6103)], trnG-GCC [9997..10017], trnG-GCC [10715..10761], atpF [complement(12708..13118)], atpF [complement(13833..13976)], rpoC1 [complement(21975..23591)], rpoC1 [complement(24373..24804)], ycf3 [complement(44502..44654)], ycf3 [complement(45413..45642)], ycf3 [complement(46386..46509)], trnL-UAA [49167..49203], trnL-UAA [49746..49798], trnV-UAC [complement(53644..53680)], trnV-UAC [complement(54261..54299)], rps12 [139399..139630], rps12 [140167..140192], petB [76044..76049], petB [76808..77449], petD [77653..77660], petD [78441..78915], rpl16 [complement(82480..82878)], rpl16 [complement(83960..83968)], rpl2 [complement(85703..86136)], rpl2 [complement(86811..87201)], ndhB [complement(96073..96828)], ndhB [complement(97508..98284)], trnI-GAU [103911..103947], trnI-GAU [104893..104925], trnA-UGC [104992..105029], trnA-UGC [105835..105869], ndhA [complement(119654..120192)], ndhA [complement(121283..121835)], trnA-UGC [complement(133476..133510)], trnA-UGC [complement(134316..134353)], trnI-GAU [complement(134418..134452)], trnI-GAU [complement(135398..135434)], ndhB [141061..141837], ndhB [142517..143272]	trnK-UUU [complement(1833..4376)], rps16 [complement(5227..6063)], trnG-GCC [10018..10714], atpF [complement(13119..13832)], rpoC1 [complement(23592..24372)], ycf3 [complement(44655..45412)], ycf3 [complement(45643..46385)], trnL-UAA [49204..49745], trnV-UAC [complement(53681..54260)], petB [76050..76807], petD [77661..78440], rpl16 [complement(82879..83959)], rpl2 [complement(86137..86810)], ndhB [complement(96829..97507)], trnI-GAU [103948..104892], trnA-UGC [105030..105834], ndhA [complement(120193..121282)], trnA-UGC [complement(133511..134315)], trnI-GAU [complement(134453..135397)], ndhB [141838..142516]
2604.	PAIC	64	rps12 [complement(92008..92036)], rps12 [complement(92577..92808)], rps12 [complement(68951..69064)], trnK-UUU [complement(1356..1390)], trnK-UUU [complement(3841..3877)], rps16 [complement(4431..4648)], rps16 [complement(5486..5525)], trnG-UCC [complement(12900..12947)], trnG-UCC [complement(13626..13648)], atpF [34616..34760], atpF [35597..36003], ycf3 [complement(43803..43961)], ycf3 [complement(44695..44922)], ycf3	trnK-UUU [complement(1391..3840)], rps16 [complement(4649..5485)], trnG-UCC [complement(12948..13625)], atpF [34761..35596], ycf3 [complement(43962..44694)], ycf3 [complement(44923..45693)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45694..45819)], trnL-UAA [48567..48601], trnL-UAA [49137..49186], trnV-UAC [complement(52762..52796)], trnV-UAC [complement(53406..53444)], rps12 [129218..129449], rps12 [129990..130018], petB [72789..72794], petB [73549..74190], petD [74379..74386], petD [75127..75601], rpl16 [complement(79147..79548)], rpl16 [complement(80621..80629)], rpl2 [complement(82636..83066)], rpl2 [complement(83730..84120)], ndhB [complement(88937..89692)], ndhB [complement(90403..91179)], trnI-GAU [96618..96654], trnI-GAU [97601..97635], trnA-UGC [97701..97738], trnA-UGC [98549..98583], ndhA [complement(113983..114522)], ndhA [complement(115549..116097)], trnA-UGC [complement(123443..123477)], trnA-UGC [complement(124288..124325)], trnI-GAU [complement(124391..124425)], trnI-GAU [complement(125372..125408)], ndhB [130847..131623], ndhB [132334..133089], rpl2 [137906..138296], rpl2 [138960..139390]	[48602..49136], trnV-UAC [complement(52797..53405)], petB [72795..73548], petD [74387..75126], rpl16 [complement(79549..80620)], rpl2 [complement(83067..83729)], ndhB [complement(89693..90402)], trnI-GAU [96655..97600], trnA-UGC [97739..98548], ndhA [complement(114523..115548)], trnA-UGC [complement(123478..124287)], trnI-GAU [complement(124426..125371)], ndhB [131624..132333], rpl2 [138297..138959]
2605.	PAIN	64	rps12 [complement(92085..92113)], rps12 [complement(92654..92885)], rps12 [complement(69139..69252)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3904..3941)], rps16 [complement(4490..4707)], rps16 [complement(5567..5606)], trnG-UCC [complement(13380..13427)], trnG-UCC [complement(14115..14137)], atpF [34891..35049], atpF [35866..36273], ycf3 [complement(44009..44161)], ycf3 [complement(44896..45123)], ycf3 [complement(45866..45997)], trnL-UAA [48781..48815], trnL-UAA [49359..49408], trnV-UAC [complement(52997..53033)], trnV-UAC [complement(53630..53668)], rps12 [129585..129816], rps12 [130357..130385], petB [72999..73004], petB [73745..74392], petD [74575..74582], petD [75303..75777], rpl16 [complement(79308..79709)], rpl16 [complement(80778..80786)], rpl2 [complement(82734..83165)], rpl2 [complement(83829..84218)], ndhB [complement(89012..89767)], ndhB [complement(90480..91256)], trnI-GAU [96765..96806], trnI-GAU [97753..97787], trnA-UGC [97853..97890], trnA-UGC [98701..98735], ndhA [complement(114236..114775)], ndhA [complement(115811..116359)], trnA-UGC [complement(123735..123769)], trnA-UGC [complement(124580..124617)], trnI-GAU [complement(124683..124717)],	trnK-UUU [complement(1414..3903)], rps16 [complement(4708..5566)], trnG-UCC [complement(13428..14114)], atpF [35050..35865], ycf3 [complement(44162..44895)], ycf3 [complement(45124..45865)], trnL-UAA [48816..49358], trnV-UAC [complement(53034..53629)], petB [73005..73744], petD [74583..75302], rpl16 [complement(79710..80777)], rpl2 [complement(83166..83828)], ndhB [complement(89768..90479)], trnI-GAU [96807..97752], trnA-UGC [97891..98700], ndhA [complement(114776..115810)], trnA-UGC [complement(123770..124579)], trnI-GAU [complement(124718..125663)], ndhB [131991..132702], rpl2 [138642..139304]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(125664..125705)], ndhB [131214..131990], ndhB [132703..133458], rpl2 [138252..138641], rpl2 [139305..139736]	
2606.	PAIO	65	rps12 [complement(102659..102687)], rps12 [complement(103228..103459)], rps12 [complement(68401..68514)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3899..3936)], rps16 [complement(4485..4702)], rps16 [complement(5541..5580)], trnG-UCC [complement(13327..13374)], trnG-UCC [complement(14061..14083)], atpF [34840..34998], atpF [35813..36220], ycf3 [complement(44036..44188)], ycf3 [complement(44917..45144)], ycf3 [complement(45891..46022)], trnL-UAA [48779..48813], trnL-UAA [49352..49401], trnV-UAC [complement(53012..53048)], trnV-UAC [complement(53645..53683)], rps12 [complement(68401..68514)], rps12 [140059..140290], rps12 [140831..140859], petB [72261..72266], petB [73004..73651], petD [73834..73841], petD [74562..75036], rpl16 [complement(78566..78967)], rpl16 [complement(80044..80052)], rpl2 [complement(82008..82439)], rpl2 [complement(83103..83492)], ndhB [complement(99586..100341)], ndhB [complement(101054..101830)], trnI-GAU [107315..107356], trnI-GAU [108303..108337], trnA-UGC [108403..108440], trnA-UGC [109251..109285], ndhA [complement(124761..125300)], ndhA [complement(126329..126877)], trnA-UGC [complement(134233..134267)], trnA-UGC [complement(135078..135115)], trnI-GAU [complement(135181..135215)], trnI-GAU [complement(136162..136203)], ndhB [141688..142464], ndhB [143177..143932], rpl2 [160026..160415], rpl2 [161079..161510]	trnK-UUU [complement(1414..3898)], rps16 [complement(4703..5540)], trnG-UCC [complement(13375..14060)], atpF [34999..35812], ycf3 [complement(44189..44916)], ycf3 [complement(45145..45890)], trnL-UAA [48814..49351], trnV-UAC [complement(53049..53644)], petB [72267..73003], petD [73842..74561], rpl16 [complement(78968..80043)], rpl2 [complement(82440..83102)], ndhB [complement(100342..101053)], trnI-GAU [107357..108302], trnA-UGC [108441..109250], ndhA [complement(125301..126328)], trnA-UGC [complement(134268..135077)], trnI-GAU [complement(135216..136161)], ndhB [142465..143176], rpl2 [160416..161078]
2607.	PAJA	70	rps12 [complement(99124..99149)], rps12 [complement(99686..99917)], rps12 [complement(71785..71898)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4313..4349)], rps16 [complement(5263..5459)], rps16 [complement(6349..6388)], trnG-UCC [10228..10250], trnG-UCC [10948..10995], atpF [complement(12913..13322)], atpF [complement(14053..14197)], rpoC1 [complement(22166..23782)], rpoC1 [complement(24543..24995)], ycf3 [complement(44621..44773)], ycf3 [complement(45525..45754)], ycf3 [complement(46471..46594)], trnL-UAA [49557..49591], trnL-UAA [50099..50147], trnV-UAC	trnK-UUU [complement(1788..4312)], rps16 [complement(5460..6348)], trnG-UCC [10251..10947], atpF [complement(13323..14052)], rpoC1 [complement(23783..24542)], ycf3 [complement(44774..45524)], ycf3 [complement(45755..46470)], trnL-UAA [49592..50098], trnV-UAC [complement(53670..54247)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53635..53669)], trnV-UAC [complement(54248..54286)], clpP [complement(72042..72269)], clpP [complement(72906..73197)], clpP [complement(73968..74038)], petB [76978..76983], petB [77767..78408], petD [78583..78590], petD [79342..79816], rpl16 [complement(83280..83678)], rpl16 [complement(84620..84628)], rpl2 [complement(86304..86737)], rpl2 [complement(87398..87788)], ndhB [complement(96095..96850)], ndhB [complement(97529..98305)], trnI-GAU [103835..103871], trnI-GAU [104818..104852], trnA-UGC [104917..104954], trnA-UGC [105763..105797], ndhA [complement(122024..122562)], ndhA [complement(123592..124144)], trnA-UGC [complement(136591..136625)], trnA-UGC [complement(137434..137471)], trnI-GAU [complement(137536..137570)], trnI-GAU [complement(138517..138553)], ndhB [144083..144859], ndhB [145538..146293], rpl2 [154600..154990], rpl2 [155651..156084]	[complement(72270..72905)], clpP [complement(73198..73967)], petB [76984..77766], petD [78591..79341], rpl16 [complement(83679..84619)], rpl2 [complement(86738..87397)], ndhB [complement(96851..97528)], trnI-GAU [103872..104817], trnA-UGC [104955..105762], ndhA [complement(122563..123591)], trnA-UGC [complement(136626..137433)], trnI-GAU [complement(137571..138516)], ndhB [144860..145537], rpl2 [154991..155650]
2608.	PAJP	72	rps12 [complement(97983..98008)], rps12 [complement(98545..98776)], rps12 [complement(69864..69977)], trnK-UUU [complement(1392..1426)], trnK-UUU [complement(4027..4063)], rps16 [complement(4799..5008)], rps16 [complement(5759..5800)], trnG-UCC [9284..9307], trnG-UCC [9986..10033], atpF [complement(11974..12384)], atpF [complement(13169..13312)], rpoC1 [complement(20852..22501)], rpoC1 [complement(23208..23642)], ycf3 [complement(42333..42491)], ycf3 [complement(43226..43453)], ycf3 [complement(44199..44324)], trnL-UAA [47033..47067], trnL-UAA [47586..47635], trnV-UAC [complement(51839..51875)], trnV-UAC [complement(52471..52509)], rps12 [140817..141048], rps12 [141585..141610], clpP [complement(70145..70369)], clpP [complement(71006..71296)], clpP [complement(72053..72121)], petB [75038..75043], petB [75856..76497], petD [76695..76700], petD [77450..77926], rpl16 [complement(81414..81815)], rpl16 [complement(82816..82824)], rpl2 [complement(84698..85129)], rpl2 [complement(85794..86183)], ndhB [complement(94918..95673)], ndhB [complement(96361..97137)], trnI-GAU [102738..102779], trnI-GAU [103715..103749], trnA-UGC [103809..103846], trnA-UGC [104648..104682], ndhA [complement(119866..120396)], ndhA [complement(121466..122017)],	trnK-UUU [complement(1427..4026)], rps16 [complement(5009..5758)], trnG-UCC [9308..9985], atpF [complement(12385..13168)], rpoC1 [complement(22502..23207)], ycf3 [complement(42492..43225)], ycf3 [complement(43454..44198)], trnL-UAA [47068..47585], trnV-UAC [complement(51876..52470)], clpP [complement(70370..71005)], clpP [complement(71297..72052)], petB [75044..75855], petD [76701..77449], rpl16 [complement(81816..82815)], rpl2 [complement(85130..85793)], ndhB [complement(95674..96360)], trnI-GAU [102780..103714], trnA-UGC [103847..104647], ndhA [complement(120397..121465)], trnA-UGC [complement(134946..135746)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(134911..134945)], trnA-UGC [complement(135747..135784)], trnI-GAU [complement(135844..135878)], trnI-GAU [complement(136814..136855)], ndhB [142456..143232], ndhB [143920..144675], rpl2 [153410..153802], rpl2 [154464..154895]	[complement(135879..136813)], ndhB [143233..143919], rpl2 [153803..154463]
2609.	PAJT	68	rps12 [complement(89906..89937)], rps12 [complement(90474..90705)], rps12 [complement(69322..69435)], rps12 [148403..148516], rps12 [127133..127364], rps12 [127901..127932], trnK-UUU [complement(1575..1603)], trnK-UUU [complement(4124..4160)], ycf3 [complement(41108..41260)], ycf3 [complement(41947..42174)], ycf3 [complement(42903..43028)], trnL-UAA [45461..45498], trnL-UAA [46065..46114], trnV-UAC [complement(65038..65072)], trnV-UAC [complement(65662..65700)], petB [73461..73466], petB [74281..74922], petD [75123..75130], petD [75873..76347], rpl16 [complement(79632..80084)], rpl16 [complement(81189..81197)], rpl2 [complement(82796..83230)], rpl2 [complement(83938..84333)], ndhB [complement(87264..88019)], ndhB [complement(88714..89487)], trnI-GAU [94412..94453], trnI-GAU [95405..95439], trnA-UGC [95509..95546], trnA-UGC [96346..96380], ndhA [complement(111755..112294)], ndhA [complement(113369..113920)], trnA-UGC [complement(121458..121492)], trnA-UGC [complement(122292..122329)], trnI-GAU [complement(122399..122433)], trnI-GAU [complement(123385..123426)], ndhB [128351..129124], ndhB [129819..130574], rpl2 [133505..133900], rpl2 [134608..135042], rpl16 [136641..136649], rpl16 [137754..138206], petD [complement(141491..141965)], petD [complement(142708..142715)], petB [complement(142916..143557)], petB [complement(144372..144377)], trnV-UAC [152138..152176], trnV-UAC [152766..152800]	trnK-UUU [complement(1604..4123)], ycf3 [complement(41261..41946)], ycf3 [complement(42175..42902)], trnL-UAA [45499..46064], trnV-UAC [complement(65073..65661)], petB [73467..74280], petD [75131..75872], rpl16 [complement(80085..81188)], rpl2 [complement(83231..83937)], ndhB [complement(88020..88713)], trnI-GAU [94454..95404], trnA-UGC [95547..96345], ndhA [complement(112295..113368)], trnA-UGC [complement(121493..122291)], trnI-GAU [complement(122434..123384)], ndhB [129125..129818], rpl2 [133901..134607], rpl16 [136650..137753], petD [complement(141966..142707)], petB [complement(143558..144371)], trnV-UAC [152177..152765]
2610.	PAJU	64	rps12 [complement(90100..90128)], rps12 [complement(90669..90900)], rps12 [complement(67929..68042)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3933..3970)], rps16 [complement(4524..4741)], rps16 [complement(5580..5619)], trnG-UCC [complement(13037..13084)], trnG-UCC [complement(13772..13794)], atpF [34473..34631], atpF [35445..35852], ycf3 [complement(43671..43823)], ycf3 [complement(44552..44779)], ycf3	trnK-UUU [complement(1414..3932)], rps16 [complement(4742..5579)], trnG-UCC [complement(13085..13771)], atpF [34632..35444], ycf3 [complement(43824..44551)], ycf3 [complement(44780..45521)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45522..45653)], trnL-UAA [48412..48446], trnL-UAA [48990..49039], trnV-UAC [complement(52612..52648)], trnV-UAC [complement(53245..53283)], rps12 [127577..127808], rps12 [128349..128377], petB [71792..71797], petB [72527..73174], petD [73357..73364], petD [74085..74559], rpl16 [complement(78090..78491)], rpl16 [complement(79576..79584)], rpl2 [complement(81540..81971)], rpl2 [complement(82635..83024)], ndhB [complement(87027..87782)], ndhB [complement(88495..89271)], trnI-GAU [94736..94777], trnI-GAU [95724..95758], trnA-UGC [95824..95861], trnA-UGC [96672..96706], ndhA [complement(112256..112768)], ndhA [complement(113827..114375)], trnA-UGC [complement(121771..121805)], trnA-UGC [complement(122616..122653)], trnI-GAU [complement(122719..122753)], trnI-GAU [complement(123700..123741)], ndhB [129206..129982], ndhB [130695..131450], rpl2 [135453..135842], rpl2 [136506..136937]	[48447..48989], trnV-UAC [complement(52649..53244)], petB [71798..72526], petD [73365..74084], rpl16 [complement(78492..79575)], rpl2 [complement(81972..82634)], ndhB [complement(87783..88494)], trnI-GAU [94778..95723], trnA-UGC [95862..96671], ndhA [complement(112769..113826)], trnA-UGC [complement(121806..122615)], trnI-GAU [complement(122754..123699)], ndhB [129983..130694], rpl2 [135843..136505]
2611.	PAJV	26	rps12 [complement(76268..76381)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4411..4447)], trnG-UCC [10320..10342], trnG-UCC [11055..11102], trnL-UAA [52903..52937], trnL-UAA [53496..53546], trnV-UAC [complement(57192..57228)], trnV-UAC [complement(57844..57882)], rps12 [147861..147886], trnI-GAU [109661..109697], trnI-GAU [110651..110685], trnA-UGC [110750..110787], trnA-UGC [111590..111624], trnA-UGC [complement(141151..141185)], trnA-UGC [complement(141988..142025)], trnI-GAU [complement(142090..142124)], trnI-GAU [complement(143078..143114)]	trnK-UUU [complement(1864..4410)], trnG-UCC [10343..11054], trnL-UAA [52938..53495], trnV-UAC [complement(57229..57843)], trnI-GAU [109698..110650], trnA-UGC [110788..111589], trnA-UGC [complement(141186..141987)], trnI-GAU [complement(142125..143077)]
2612.	PAKA	72	rps12 [complement(98799..98824)], rps12 [complement(99361..99592)], rps12 [complement(71148..71261)], trnK-UUU [complement(1868..1902)], trnK-UUU [complement(4422..4458)], rps16 [complement(5349..5575)], rps16 [complement(6442..6481)], trnG-UCC [9415..9437], trnG-UCC [10122..10169], atpF [complement(12132..12542)], atpF [complement(13251..13394)], rpoC1 [complement(21206..22810)], rpoC1 [complement(23577..24011)], ycf3 [complement(43059..43211)], ycf3 [complement(43956..44185)], ycf3 [complement(44899..45022)], trnL-UAA [47988..48022], trnL-UAA [48514..48563], trnV-UAC	trnK-UUU [complement(1903..4421)], rps16 [complement(5576..6441)], trnG-UCC [9438..10121], atpF [complement(12543..13250)], rpoC1 [complement(22811..23576)], ycf3 [complement(43212..43955)], ycf3 [complement(44186..44898)], trnL-UAA [48023..48513], trnV-UAC [complement(52561..53141)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52526..52560)], trnV-UAC [complement(53142..53179)], rps12 [140526..140757], rps12 [141294..141319], clpP [complement(71395..71622)], clpP [complement(72266..72557)], clpP [complement(73290..73360)], petB [76278..76283], petB [77012..77653], petD [77853..77860], petD [78594..79068], rpl16 [complement(82496..82894)], rpl16 [complement(83796..83804)], rpl2 [complement(85472..85905)], rpl2 [complement(86573..86963)], ndhB [complement(95792..96547)], ndhB [complement(97227..98003)], trnI-GAU [103278..103314], trnI-GAU [104264..104298], trnA-UGC [104363..104400], trnA-UGC [105210..105244], ndhA [complement(120312..120853)], ndhA [complement(121944..122496)], trnA-UGC [complement(134874..134908)], trnA-UGC [complement(135718..135755)], trnI-GAU [complement(135820..135854)], trnI-GAU [complement(136804..136840)], ndhB [142115..142891], ndhB [143571..144326], rpl2 [153155..153545], rpl2 [154213..154646]	[complement(71623..72265)], clpP [complement(72558..73289)], petB [76284..77011], petD [77861..78593], rpl16 [complement(82895..83795)], rpl2 [complement(85906..86572)], ndhB [complement(96548..97226)], trnI-GAU [103315..104263], trnA-UGC [104401..105209], ndhA [complement(120854..121943)], trnA-UGC [complement(134909..135717)], trnI-GAU [complement(135855..136803)], ndhB [142892..143570], rpl2 [153546..154212]
2613.	PALA	41	trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4242..4278)], trnG [8526..8548], trnG [9265..9312], rps12 [28047..28160], rps12 [140148..140379], rps12 [140916..140941], rps12 [complement(96455..96686)], rps12 [complement(95893..95918)], trnV-UAC [complement(44259..44293)], trnV-UAC [complement(44893..44931)], trnL-UAA [complement(51430..51479)], trnL-UAA [complement(52056..52090)], petD [78783..79257], trnI-GAU [100607..100643], trnI-GAU [101598..101632], trnA-UGC [101697..101734], trnA-UGC [102535..102569], trnA-UGC [complement(134265..134299)], trnA-UGC [complement(135100..135137)], trnI-GAU [complement(135202..135236)], trnI-GAU [complement(136191..136227)]	trnK-UUU [complement(1730..4241)], trnG [8549..9264], rpoC1 [complement(21775..22523)], trnV-UAC [complement(44294..44892)], trnL-UAA [complement(51480..52055)], ycf3 [54635..55385], ycf3 [55614..56321], petB [76294..77111], petD [77954..78782], rpl16 [complement(83216..84315)], rpl2 [complement(86346..87056)], ndhB [complement(93586..94272)], trnI-GAU [100644..101597], trnA-UGC [101735..102534], ndhA [complement(122005..123087)], trnA-UGC [complement(134300..135099)], trnI-GAU [complement(135237..136190)], ndhB [142562..143248], rpl2 [149778..150488]
2614.	PALC	18	rps12 [complement(69918..70031)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4204..4240)], trnG-UCC [9353..9386], trnG-UCC	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10078..10125], trnL-UAA [47984..48020], trnL-UAA [48545..48594], trnV-UAC [complement(52267..52303)], trnV-UAC [complement(52877..52915)], rps12 [139446..139471], trnI-GAU [102382..102423], trnI-GAU [103357..103391], trnA-UGC [103456..103493], trnA-UGC [104211..104245], trnA-UGC [complement(132916..132950)], trnA-UGC [complement(133668..133705)], trnI-GAU [complement(133770..133804)], trnI-GAU [complement(134738..134779)]	
2615.	PALD	72	rps12 [complement(97696..97721)], rps12 [complement(98257..98488)], rps12 [complement(69926..70039)], trnK-UUU [complement(1702..1736)], trnK-UUU [complement(4189..4225)], rps16 [complement(4926..5159)], rps16 [complement(5979..6017)], trnG [9300..9322], trnG [10025..10072], atpF [complement(12071..12478)], atpF [complement(13178..13336)], rpoC1 [complement(21376..22992)], rpoC1 [complement(23687..24121)], ycf3 [complement(43234..43386)], ycf3 [complement(44150..44377)], ycf3 [complement(45096..45221)], trnL-UAA [47972..48008], trnL-UAA [48519..48568], trnV-UAC [complement(52241..52277)], trnV-UAC [complement(52859..52897)], rps12 [138626..138857], rps12 [139393..139418], clpP [complement(70208..70435)], clpP [complement(71091..71381)], clpP [complement(72058..72126)], petB [75049..75054], petB [75817..76473], petD [76683..76691], petD [77335..77859], rpl16 [complement(81304..81705)], rpl16 [complement(82713..82721)], rpl2 [complement(84498..84932)], rpl2 [complement(85601..85993)], ndhB [complement(94649..95404)], ndhB [complement(96087..96863)], trnI-GAU [102380..102421], trnI-GAU [103355..103389], trnA-UGC [103454..103491], trnA-UGC [104209..104243], ndhA [complement(118731..119270)], ndhA [complement(120283..120825)], trnA-UGC [complement(132871..132905)], trnA-UGC [complement(133623..133660)], trnI-GAU [complement(133725..133759)], trnI-GAU [complement(134693..134734)], ndhB [140251..141027], ndhB [141710..142465], rpl2 [151121..151510], rpl2 [152182..152616]	trnK-UUU [complement(1737..4188)], rps16 [complement(5160..5978)], trnG [9323..10024], atpF [complement(12479..13177)], rpoC1 [complement(22993..23686)], ycf3 [complement(43387..44149)], ycf3 [complement(44378..45095)], trnL-UAA [48009..48518], trnV-UAC [complement(52278..52858)], clpP [complement(70436..71090)], clpP [complement(71382..72057)], petB [75055..75816], petD [76692..77334], rpl16 [complement(81706..82712)], rpl2 [complement(84933..85600)], ndhB [complement(95405..96086)], trnI-GAU [102422..103354], trnA-UGC [103492..104208], ndhA [complement(119271..120282)], trnA-UGC [complement(132906..133622)], trnI-GAU [complement(133760..134692)], ndhB [141028..141709], rpl2 [151511..152181]
2616.	PALI	37	trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4261..4297)], rps12 [27967..28080], rps12 [139537..139768], rps12 [140305..140336], rps12	trnK-UUU [complement(1738..4260)], rpoC1 [complement(21713..22461)], trnV-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(96531..96762)], rps12 [complement(95963..95994)], trnV-UAC [complement(44229..44263)], trnV-UAC [complement(44867..44905)], trnL-UAA [complement(51430..51479)], trnL-UAA [complement(52057..52091)], trnI-GAU [100509..100545], trnI-GAU [101500..101534], trnA-UGC [101599..101636], trnA-UGC [102437..102471], trnA-UGC [complement(133828..133862)], trnA-UGC [complement(134663..134700)], trnI-GAU [complement(134765..134799)], trnI-GAU [complement(135754..135790)]	UAC [complement(44264..44866)], trnL-UAA [complement(51480..52056)], ycf3 [54640..55375], ycf3 [55604..56290], petB [76340..77157], petD [78006..78844], rpl16 [complement(83298..84379)], rpl2 [complement(86433..87143)], ndhB [complement(93656..94342)], trnI-GAU [100546..101499], trnA-UGC [101637..102436], ndhA [complement(121750..122827)], trnA-UGC [complement(133863..134662)], trnI-GAU [complement(134800..135753)], ndhB [141957..142643], rpl2 [149156..149866]
2617.	PALT	65	rps12 [complement(86212..86243)], rps12 [complement(86780..87011)], rps12 [complement(66971..67084)], rps12 [141747..141860], rps12 [121820..122051], rps12 [122588..122619], trnK-UUU [complement(1612..1640)], trnK-UUU [complement(4162..4198)], ycf3 [6998..7123], ycf3 [7850..8077], ycf3 [8770..8922], trnG-UCC [complement(41301..41348)], trnG-UCC [complement(42053..42075)], trnL-UAA [44643..44680], trnL-UAA [45243..45292], trnV-UAC [complement(62460..62496)], trnV-UAC [complement(63135..63173)], petB [71124..71129], petB [71947..72588], petD [72789..72796], petD [73565..74042], rpl2 [complement(79596..80030)], rpl2 [complement(80738..81133)], ndhB [complement(83577..84332)], ndhB [complement(85020..85793)], trnI-GAU [90687..90728], trnI-GAU [91678..91712], trnA-UGC [91777..91814], trnA-UGC [92614..92648], ndhA [complement(107205..107744)], ndhA [complement(108811..109362)], trnA-UGC [complement(116183..116217)], trnA-UGC [complement(117017..117054)], trnI-GAU [complement(117119..117153)], trnI-GAU [complement(118103..118144)], ndhB [123038..123811], ndhB [124499..125254], rpl2 [127698..128093], rpl2 [128801..129235], petD [complement(134789..135266)], petD [complement(136035..136042)], petB	trnK-UUU [complement(1641..4161)], ycf3 [7124..7849], ycf3 [8078..8769], trnG-UCC [complement(41349..42052)], trnL-UAA [44681..45242], trnV-UAC [complement(62497..63134)], petB [71130..71946], petD [72797..73564], rpl2 [complement(80031..80737)], ndhB [complement(84333..85019)], trnI-GAU [90729..91677], trnA-UGC [91815..92613], ndhA [complement(107745..108810)], trnA-UGC [complement(116218..117016)], trnI-GAU [complement(117154..118102)], ndhB [123812..124498], rpl2 [128094..128800], petD [complement(135267..136034)], petB [complement(136885..137701)], trnV-UAC [145697..146334]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136243..136884)], petB [complement(137702..137707)], trnV-UAC [145658..145696], trnV-UAC [146335..146371]	
2618.	PALU	72	rps12 [complement(99119..99144)], rps12 [complement(99686..99917)], rps12 [complement(70608..70721)], trnK-UUU [complement(1365..1399)], trnK-UUU [complement(4002..4038)], rps16 [complement(4795..5004)], rps16 [complement(5755..5796)], trnG-UCC [9354..9377], trnG-UCC [10052..10099], atpF [complement(12036..12446)], atpF [complement(13243..13386)], rpoC1 [complement(20942..22591)], rpoC1 [complement(23299..23733)], ycf3 [complement(42597..42755)], ycf3 [complement(43505..43732)], ycf3 [complement(44463..44588)], trnL-UAA [47368..47402], trnL-UAA [47997..48046], trnV-UAC [complement(52310..52346)], trnV-UAC [complement(52944..52982)], rps12 [142870..143101], rps12 [143643..143668], clpP [complement(70889..71113)], clpP [complement(71748..72038)], clpP [complement(72817..72885)], petB [75799..75804], petB [76618..77259], petD [77457..77462], petD [78210..78686], rpl16 [complement(82166..82567)], rpl16 [complement(83563..83571)], rpl2 [complement(85446..85877)], rpl2 [complement(86542..86931)], ndhB [complement(96046..96801)], ndhB [complement(97497..98273)], trnI-GAU [103886..103927], trnI-GAU [104868..104902], trnA-UGC [104962..104999], trnA-UGC [105801..105835], ndhA [complement(121719..122249)], ndhA [complement(123322..123873)], trnA-UGC [complement(136952..136986)], trnA-UGC [complement(137788..137825)], trnI-GAU [complement(137885..137919)], trnI-GAU [complement(138860..138901)], ndhB [144514..145290], ndhB [145986..146741], rpl2 [155856..156248], rpl2 [156910..157341]	trnK-UUU [complement(1400..4001)], rps16 [complement(5005..5754)], trnG-UCC [9378..10051], atpF [complement(12447..13242)], rpoC1 [complement(22592..23298)], ycf3 [complement(42756..43504)], ycf3 [complement(43733..44462)], trnL-UAA [47403..47996], trnV-UAC [complement(52347..52943)], clpP [complement(71114..71747)], clpP [complement(72039..72816)], petB [75805..76617], petD [77463..78209], rpl16 [complement(82568..83562)], rpl2 [complement(85878..86541)], ndhB [complement(96802..97496)], trnI-GAU [103928..104867], trnA-UGC [105000..105800], ndhA [complement(122250..123321)], trnA-UGC [complement(136987..137787)], trnI-GAU [complement(137920..138859)], ndhB [145291..145985], rpl2 [156249..156909]
2619.	PALY	62	rps12 [complement(90802..90830)], rps12 [complement(91371..91602)], rps12 [complement(67826..67939)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3883..3920)], rps16 [complement(4470..4687)], rps16 [complement(5548..5587)], trnG-UCC [complement(12644..12691)], trnG-UCC [complement(13388..13410)], atpF [33648..33806], atpF [34624..35031], ycf3 [complement(42832..42990)], ycf3 [complement(43718..43945)], ycf3 [complement(44683..44814)], trnL-UAA [47505..47539], trnL-UAA	trnK-UUU [complement(1405..3882)], rps16 [complement(4688..5547)], trnG-UCC [complement(12692..13387)], atpF [33807..34623], ycf3 [complement(42991..43717)], ycf3 [complement(43946..44682)], trnL-UAA [47540..48078], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48079..48128], trnV-UAC [complement(51544..51580)], trnV-UAC [complement(52183..52221)], petB [71698..71703], petB [72463..73110], petD [73300..73307], petD [74040..74514], rpl16 [complement(78039..78440)], rpl16 [complement(79509..79517)], rpl2 [complement(81485..81916)], rpl2 [complement(82580..82969)], ndhB [complement(87729..88484)], ndhB [complement(89197..89973)], trnI-GAU [95457..95498], trnI-GAU [96444..96478], trnA-UGC [96544..96581], trnA-UGC [97392..97426], ndhA [complement(112887..113426)], ndhA [complement(114467..115015)], trnA-UGC [complement(122431..122465)], trnA-UGC [complement(123276..123313)], trnI-GAU [complement(123379..123413)], trnI-GAU [complement(124359..124400)], ndhB [129884..130660], ndhB [131373..132128], rpl2 [136888..137277], rpl2 [137941..138372]	[complement(51581..52182)], petB [71704..72462], petD [73308..74039], rpl16 [complement(78441..79508)], rpl2 [complement(81917..82579)], ndhB [complement(88485..89196)], trnI-GAU [95499..96443], trnA-UGC [96582..97391], ndhA [complement(113427..114466)], trnA-UGC [complement(122466..123275)], trnI-GAU [complement(123414..124358)], ndhB [130661..131372], rpl2 [137278..137940]
2620.	PAM A	72	rps12 [complement(98703..98728)], rps12 [complement(99270..99501)], rps12 [complement(70413..70526)], trnK-UUU [complement(1365..1399)], trnK-UUU [complement(4004..4040)], rps16 [complement(4795..5004)], rps16 [complement(5755..5796)], trnG-UCC [9299..9322], trnG-UCC [9997..10044], atpF [complement(11981..12391)], atpF [complement(13192..13335)], rpoC1 [complement(20872..22521)], rpoC1 [complement(23229..23663)], ycf3 [complement(42422..42580)], ycf3 [complement(43331..43558)], ycf3 [complement(44289..44414)], trnL-UAA [47211..47245], trnL-UAA [47833..47882], trnV-UAC [complement(52136..52172)], trnV-UAC [complement(52770..52808)], rps12 [142286..142517], rps12 [143059..143084], clpP [complement(70694..70936)], clpP [complement(71556..71846)], clpP [complement(72625..72693)], petB [75608..75613], petB [76428..77069], petD [77267..77272], petD [78020..78496], rpl16 [complement(81985..82386)], rpl16 [complement(83402..83410)], rpl2 [complement(85285..85716)], rpl2 [complement(86381..86770)], ndhB [complement(95630..96385)], ndhB [complement(97081..97857)], trnI-GAU [103471..103512], trnI-GAU [104453..104487], trnA-UGC [104547..104584], trnA-UGC [105386..105420], ndhA [complement(121267..121797)], ndhA [complement(122864..123415)], trnA-UGC [complement(136367..136401)], trnA-UGC	trnK-UUU [complement(1400..4003)], rps16 [complement(5005..5754)], trnG-UCC [9323..9996], atpF [complement(12392..13191)], rpoC1 [complement(22522..23228)], ycf3 [complement(42581..43330)], ycf3 [complement(43559..44288)], trnL-UAA [47246..47832], trnV-UAC [complement(52173..52769)], clpP [complement(70937..71555)], clpP [complement(71847..72624)], petB [75614..76427], petD [77273..78019], rpl16 [complement(82387..83401)], rpl2 [complement(85717..86380)], ndhB [complement(96386..97080)], trnI-GAU [103513..104452], trnA-UGC [104585..105385], ndhA [complement(121798..122863)], trnA-UGC [complement(136402..137202)], trnI-GAU [complement(137335..138274)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137203..137240)], trnI-GAU [complement(137300..137334)], trnI-GAU [complement(138275..138316)], ndhB [143930..144706], ndhB [145402..146157], rpl2 [155017..155409], rpl2 [156071..156502]	[144707..145401], rpl2 [155410..156070]
2621.	PAMC	67	rps12 [complement(100848..100879)], rps12 [complement(101416..101647)], rps12 [complement(71978..72091)], trnK-UUU [complement(1645..1673)], trnK-UUU [complement(4198..4234)], rpoC1 [17000..17431], rpoC1 [18188..19822], ycf3 [complement(42997..43149)], ycf3 [complement(43845..44072)], ycf3 [complement(44798..44923)], trnL-UAA [47348..47384], trnL-UAA [47951..48000], trnV-UAC [54399..54437], trnV-UAC [55029..55064], rps18 [69731..70041], rps18 [70492..70573], rps12 [complement(71978..72091)], rps12 [149627..149858], rps12 [150395..150426], clpP [complement(72291..72680)], clpP [complement(73391..73681)], clpP [complement(74520..74591)], petB [77710..77715], petB [78518..79159], petD [79359..79366], petD [80184..80658], rpl16 [complement(84216..84614)], rpl16 [complement(85672..85680)], rpl2 [complement(87440..87874)], rpl2 [complement(88596..88994)], ndhB [complement(97780..98535)], ndhB [complement(99223..99996)], trnI-GAU [105547..105588], trnI-GAU [106535..106569], trnA-UGC [106634..106671], trnA-UGC [107471..107505], ndhA [complement(128545..129084)], ndhA [complement(130151..130702)], trnA-UGC [complement(143769..143803)], trnA-UGC [complement(144603..144640)], trnI-GAU [complement(144705..144739)], trnI-GAU [complement(145686..145727)], ndhB [151278..152051], ndhB [152739..153494], rpl2 [162280..162678], rpl2 [163400..163834]	trnK-UUU [complement(1674..4197)], rpoC1 [17432..18187], ycf3 [complement(43150..43844)], ycf3 [complement(44073..44797)], trnL-UAA [47385..47950], trnV-UAC [54438..55028], rps18 [70042..70491], clpP [complement(72681..73390)], clpP [complement(73682..74519)], petB [77716..78517], petD [79367..80183], rpl16 [complement(84615..85671)], rpl2 [complement(87875..88595)], ndhB [complement(98536..99222)], trnI-GAU [105589..106534], trnA-UGC [106672..107470], ndhA [complement(129085..130150)], trnA-UGC [complement(143804..144602)], trnI-GAU [complement(144740..145685)], ndhB [152052..152738], rpl2 [162679..163399]
2622.	PAME	55	trnK-UUU [complement(1698..1726)], trnK-UUU [complement(4269..4305)], trnG-UCC [8476..8498], trnG-UCC [9201..9248], rpoC1 [complement(20693..22327)], rpoC1 [complement(23084..23515)], rps12 [28648..28761], rps12 [124744..124975], rps12 [125512..125543], rps12 [complement(97077..97308)], rps12 [complement(96509..96540)], trnV-UAC [complement(46776..46810)], trnV-UAC [complement(47417..47454)], trnL-UAA [complement(54114..54163)], trnL-UAA [complement(54732..54768)], ycf3 [57229..57354], ycf3 [58082..58309], ycf3 [58997..59149], petB	trnK-UUU [complement(1727..4268)], trnG-UCC [8499..9200], rpoC1 [complement(22328..23083)], trnV-UAC [complement(46811..47416)], trnL-UAA [complement(54164..54731)], ycf3 [57355..58081], ycf3 [58310..58996], petB [79118..79957], petD [80800..81634], rpl16 [complement(86116..87203)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79112..79117], petB [79958..80599], petD [80792..80799], petD [81635..82109], rpl16 [complement(85717..86115)], rpl16 [complement(87204..87212)], rpl2 [complement(88877..89311)], rpl2 [complement(90033..90431)], ndhB [complement(93445..94200)], ndhB [complement(94889..95662)], trnI-GAU [101227..101267], trnI-GAU [102219..102253], trnA-UGC [102318..102355], trnA-UGC [103156..103190], ndhA [111744..112296], ndhA [113374..113912], ndhB [126390..127163], ndhB [127852..128607], rpl2 [131621..132019], rpl2 [132741..133175]	[complement(89312..90032)], ndhB [complement(94201..94888)], trnI-GAU [101268..102218], trnA-UGC [102356..103155], ndhA [112297..113373], ndhB [127164..127851], rpl2 [132020..132740]
2623.	PAMI	44	trnK-UUU [complement(1406..1438)], trnK-UUU [complement(3910..3947)], ycf3 [complement(43534..43692)], ycf3 [complement(44424..44651)], ycf3 [complement(45390..45521)], trnL-UAA [48219..48253], trnL-UAA [48794..48843], trnV-UAC [complement(52375..52411)], trnV-UAC [complement(53012..53050)], rps12 [129047..129278], rps12 [129819..129847], petB [73307..73954], rpl2 [complement(82314..82745)], ndhB [complement(88645..89400)], trnI-GAU [96329..96370], trnI-GAU [97317..97351], trnA-UGC [97418..97455], trnA-UGC [98266..98300], ndhA [complement(113786..114325)], trnA-UGC [complement(123263..123297)], trnA-UGC [complement(124108..124145)], trnI-GAU [complement(124212..124246)], trnI-GAU [complement(125193..125234)], ndhB [132163..132918], rpl2 [138818..139249]	trnK-UUU [complement(1439..3909)], rps16 [complement(4700..5537)], atpF [34496..35310], ycf3 [complement(43693..44423)], ycf3 [complement(44652..45389)], trnL-UAA [48254..48793], trnV-UAC [complement(52412..53011)], petB [72545..73306], petD [74151..74890], rpl16 [complement(79320..80319)], rpl2 [complement(82746..83405)], ndhB [complement(89401..90110)], trnI-GAU [96371..97316], trnA-UGC [97456..98265], ndhA [complement(114326..115346)], trnA-UGC [complement(123298..124107)], trnI-GAU [complement(124247..125192)], ndhB [131453..132162], rpl2 [138158..138817]
2624.	PAM N	64	rps12 [complement(97714..97742)], rps12 [complement(98283..98514)], rps12 [complement(68341..68454)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3871..3908)], rps16 [complement(4458..4675)], rps16 [complement(5519..5558)], trnG-UCC [complement(13299..13346)], trnG-UCC [complement(14034..14056)], atpF [34769..34927], atpF [35742..36149], ycf3 [complement(43968..44120)], ycf3 [complement(44849..45076)], ycf3 [complement(45819..45950)], trnL-UAA [48733..48767], trnL-UAA [49311..49360], trnV-UAC [complement(52954..52990)], trnV-UAC	trnK-UUU [complement(1414..3870)], rps16 [complement(4676..5518)], trnG-UCC [complement(13347..14033)], atpF [34928..35741], ycf3 [complement(44121..44848)], ycf3 [complement(45077..45818)], trnL-UAA [48768..49310], trnV-UAC [complement(52991..53586)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53587..53625)], rps12 [135051..135282], rps12 [135823..135851], petB [72200..72205], petB [72942..73589], petD [73772..73779], petD [74500..74974], rpl16 [complement(78505..78906)], rpl16 [complement(79993..80001)], rpl2 [complement(81957..82388)], rpl2 [complement(83052..83441)], ndhB [complement(94641..95396)], ndhB [complement(96109..96885)], trnI-GAU [102370..102411], trnI-GAU [103358..103392], trnA-UGC [103458..103495], trnA-UGC [104306..104340], ndhA [complement(119736..120275)], ndhA [complement(121306..121854)], trnA-UGC [complement(129225..129259)], trnA-UGC [complement(130070..130107)], trnI-GAU [complement(130173..130207)], trnI-GAU [complement(131154..131195)], ndhB [136680..137456], ndhB [138169..138924], rpl2 [150124..150513], rpl2 [151177..151608]	[72206..72941], petD [73780..74499], rpl16 [complement(78907..79992)], rpl2 [complement(82389..83051)], ndhB [complement(95397..96108)], trnI-GAU [102412..103357], trnA-UGC [103496..104305], ndhA [complement(120276..121305)], trnA-UGC [complement(129260..130069)], trnI-GAU [complement(130208..131153)], ndhB [137457..138168], rpl2 [150514..151176]
2625.	PAMR	72	rps12 [complement(98911..98936)], rps12 [complement(99478..99709)], rps12 [complement(70604..70717)], trnK-UUU [complement(1365..1399)], trnK-UUU [complement(3998..4034)], rps16 [complement(4801..5010)], rps16 [complement(5761..5802)], trnG-UCC [9369..9392], trnG-UCC [10067..10114], atpF [complement(12051..12461)], atpF [complement(13339..13482)], rpoC1 [complement(21036..22685)], rpoC1 [complement(23392..23826)], ycf3 [complement(42614..42772)], ycf3 [complement(43521..43748)], ycf3 [complement(44479..44604)], trnL-UAA [47406..47440], trnL-UAA [48040..48089], trnV-UAC [complement(52336..52372)], trnV-UAC [complement(52970..53008)], rps12 [142601..142832], rps12 [143374..143399], clpP [complement(70883..71107)], clpP [complement(71743..72033)], clpP [complement(72813..72881)], petB [75795..75800], petB [76614..77255], petD [77453..77458], petD [78200..78676], rpl16 [complement(82196..82597)], rpl16 [complement(83601..83609)], rpl2 [complement(85484..85915)], rpl2 [complement(86580..86969)], ndhB [complement(95838..96593)], ndhB [complement(97289..98065)], trnI-GAU [103680..103721], trnI-GAU [104657..104691], trnA-UGC [104751..104788], trnA-UGC [105590..105624], ndhA [complement(121489..122019)], ndhA [complement(123084..123635)], trnA-UGC [complement(136686..136720)], trnA-UGC	trnK-UUU [complement(1400..3997)], rps16 [complement(5011..5760)], trnG-UCC [9393..10066], atpF [complement(12462..13338)], rpoC1 [complement(22686..23391)], ycf3 [complement(42773..43520)], ycf3 [complement(43749..44478)], trnL-UAA [47441..48039], trnV-UAC [complement(52373..52969)], clpP [complement(71108..71742)], clpP [complement(72034..72812)], petB [75801..76613], petD [77459..78199], rpl16 [complement(82598..83600)], rpl2 [complement(85916..86579)], ndhB [complement(96594..97288)], trnI-GAU [103722..104656], trnA-UGC [104789..105589], ndhA [complement(122020..123083)], trnA-UGC [complement(136721..137521)], trnI-GAU [complement(137654..138588)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137522..137559)], trnI-GAU [complement(137619..137653)], trnI-GAU [complement(138589..138630)], ndhB [144245..145021], ndhB [145717..146472], rpl2 [155341..155733], rpl2 [156395..156826]	[145022..145716], rpl2 [155734..156394]
2626.	PAMS	63	petD [complement(136435..136455)], petD [complement(1..454)], petD [complement(1252..1259)], petB [complement(1473..2114)], petB [complement(2935..2940)], rps12 [6869..6985], rps12 [122731..122962], rps12 [123499..123530], rps12 [complement(87265..87496)], rps12 [complement(86697..86728)], trnK-UUU [complement(11796..11824)], trnK-UUU [complement(14310..14346)], ycf3 [16311..16436], ycf3 [17161..17388], ycf3 [18086..18238], trnG-UCC [complement(50823..50871)], trnG-UCC [complement(51593..51615)], trnL-UAA [54228..54264], trnL-UAA [54822..54871], trnV-UAC [complement(72240..72274)], trnV-UAC [complement(72866..72904)], rpl16 [complement(77342..77794)], rpl16 [complement(78736..78744)], rpl2 [complement(80336..80770)], rpl2 [complement(81460..81855)], ndhB [complement(84066..84821)], ndhB [complement(85505..86278)], trnI-GAU [91177..91219], trnI-GAU [92173..92207], trnA-UGC [92272..92309], trnA-UGC [93110..93144], ndhA [complement(108113..108652)], ndhA [complement(109719..110270)], trnA-UGC [complement(117083..117117)], trnA-UGC [complement(117918..117955)], trnI-GAU [complement(118020..118054)], trnI-GAU [complement(119008..119050)], ndhB [123949..124722], ndhB [125406..126161], rpl2 [128372..128767], rpl2 [129457..129891], rpl16 [131483..131491], rpl16 [132433..132885]	petD [complement(136456..0)], petD [complement(455..1251)], petB [complement(2115..2934)], trnK-UUU [complement(11825..14309)], ycf3 [16437..17160], ycf3 [17389..18085], trnG-UCC [complement(50872..51592)], trnL-UAA [54265..54821], trnV-UAC [complement(72275..72865)], rpl16 [complement(77795..78735)], rpl2 [complement(80771..81459)], ndhB [complement(84822..85504)], trnI-GAU [91220..92172], trnA-UGC [92310..93109], ndhA [complement(108653..109718)], trnA-UGC [complement(117118..117917)], trnI-GAU [complement(118055..119007)], ndhB [124723..125405], rpl2 [128768..129456], rpl16 [131492..132432]
2627.	PAM U	64	rps12 [complement(92794..92821)], rps12 [complement(93361..93593)], rps12 [complement(69814..69927)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3914..3951)], rps16 [complement(4501..4712)], rps16 [complement(5567..5606)], trnG-UCC [complement(13684..13731)], trnG-UCC [complement(14425..14447)], atpF [35520..35678], atpF [36502..36909], ycf3 [complement(44732..44884)], ycf3 [complement(45627..45854)], ycf3 [complement(46597..46728)], trnL-UAA [49461..49495], trnL-UAA [50046..50095], trnV-UAC [complement(53483..53519)], trnV-UAC [complement(54122..54160)], rps12 [130072..130304], rps12	trnK-UUU [complement(1411..3913)], rps16 [complement(4713..5566)], trnG-UCC [complement(13732..14424)], atpF [35679..36501], ycf3 [complement(44885..45626)], ycf3 [complement(45855..46596)], trnL-UAA [49496..50045], trnV-UAC [complement(53520..54121)], petB [73724..74435], petD [75280..76039], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[130844..130871], petB [73718..73723], petB [74436..75083], petD [75272..75279], petD [76040..76514], rpl16 [complement(80096..80497)], rpl16 [complement(81547..81555)], rpl2 [complement(83514..83945)], rpl2 [complement(84609..84998)], ndhB [complement(89722..90477)], ndhB [complement(91188..91964)], trnI-GAU [97400..97441], trnI-GAU [98388..98422], trnA-UGC [98488..98525], trnA-UGC [99336..99370], ndhA [complement(114734..115273)], ndhA [complement(116305..116853)], trnA-UGC [complement(124295..124329)], trnA-UGC [complement(125140..125177)], trnI-GAU [complement(125243..125277)], trnI-GAU [complement(126224..126265)], ndhB [131701..132477], ndhB [133188..133943], rpl2 [138667..139056], rpl2 [139720..140151]	[complement(80498..81546)], rpl2 [complement(83946..84608)], ndhB [complement(90478..91187)], trnI-GAU [97442..98387], trnA-UGC [98526..99335], ndhA [complement(115274..116304)], trnA-UGC [complement(124330..125139)], trnI-GAU [complement(125278..126223)], ndhB [132478..133187], rpl2 [139057..139719]
2628.	PANI	64	rps12 [complement(104338..104362)], rps12 [complement(104911..105141)], rps12 [complement(73354..73463)], trnK-UUU [complement(1467..1492)], trnK-UUU [complement(4582..4618)], rps16 [complement(5620..5814)], rps16 [complement(6764..6805)], trnG-GCC [10251..10273], trnG-GCC [10958..11006], atpF [complement(13026..13415)], atpF [complement(14249..14407)], rpoC1 [complement(21985..23592)], rpoC1 [complement(24383..24814)], ycf3 [complement(44093..44251)], ycf3 [complement(44963..45190)], ycf3 [complement(45911..46036)], trnL-UAA [49056..49090], trnL-UAA [49652..49701], trnV-UAC [complement(53463..53508)], trnV-UAC [complement(54086..54124)], rps12 [complement(73354..73463)], rps12 [143926..144156], rps12 [144705..144729], clpP [complement(73591..73848)], clpP [complement(74559..74849)], clpP [complement(75960..76028)], petB [80023..80028], petB [80772..81428], petD [81612..81619], petD [82494..82977], rpl16 [complement(86907..87311)], rpl16 [complement(88680..88688)], rpl2 [complement(90796..91224)], rpl2 [complement(91886..92278)], trnI-GAU [109362..109403], trnI-GAU [110334..110368], trnA-UGC [110433..110470], trnA-UGC [111258..111292], trnA-UGC [complement(137775..137809)], trnA-UGC [complement(138597..138634)], trnI-GAU [complement(138699..138733)], trnI-GAU [complement(139664..139705)], rpl2 [156789..157181], rpl2	trnK-UUU [complement(1493..4581)], rps16 [complement(5815..6763)], trnG-GCC [10274..10957], atpF [complement(13416..14248)], rpoC1 [complement(23593..24382)], ycf3 [complement(44252..44962)], ycf3 [complement(45191..45910)], trnL-UAA [49091..49651], trnV-UAC [complement(53509..54085)], clpP [complement(73849..74558)], clpP [complement(74850..75959)], petB [80029..80771], petD [81620..82493], rpl16 [complement(87312..88679)], rpl2 [complement(91225..91885)], trnI-GAU [109404..110333], trnA-UGC [110471..111257], trnA-UGC [complement(137810..138596)], trnI-GAU [complement(138734..139663)], rpl2 [157182..157842]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[157843..158271]	
2629.	PANO	44	rps12 [complement(99069..99094)], rps12 [complement(99631..99862)], rps12 [complement(71628..71741)], trnK-UUU [complement(1757..1791)], trnK-UUU [complement(4307..4343)], trnG-UCC [10168..10190], trnG-UCC [10885..10932], trnL-UAA [49428..49462], trnL-UAA [49969..50017], trnV-UAC [complement(53493..53527)], trnV-UAC [complement(54106..54144)], rps12 [142637..142868], rps12 [143405..143430], trnI-GAU [103781..103817], trnI-GAU [104763..104797], trnA-UGC [104862..104899], trnA-UGC [105707..105741], trnA-UGC [complement(136758..136792)], trnA-UGC [complement(137600..137637)], trnI-GAU [complement(137702..137736)], trnI-GAU [complement(138683..138718)]	trnK-UUU [complement(1792..4306)], rps16 [complement(5435..6314)], trnG-UCC [10191..10884], atpF [complement(13261..13991)], rpoC1 [complement(23755..24517)], ycf3 [complement(44647..45397)], ycf3 [complement(45628..46343)], trnL-UAA [49463..49968], trnV-UAC [complement(53528..54105)], clpP [complement(72128..72762)], clpP [complement(73055..73830)], petB [76854..77637], petD [78462..79211], rpl16 [complement(83582..84524)], rpl2 [complement(86650..87309)], ndhB [complement(96796..97473)], trnI-GAU [103818..104762], trnA-UGC [104900..105706], ndhA [complement(122633..123661)], trnA-UGC [complement(136793..137599)], trnI-GAU [complement(137737..138682)], ndhB [145026..145703], rpl2 [155190..155849]
2630.	PANT	38	trnK-UUU [complement(1695..1729)], trnK-UUU [complement(4236..4272)], rps12 [27945..28058], rps12 [140153..140384], rps12 [140921..140946], rps12 [complement(96590..96821)], rps12 [complement(96028..96053)], trnV-UAC [complement(44407..44441)], trnV-UAC [complement(45040..45078)], trnL-UAA [complement(51560..51609)], trnL-UAA [complement(52181..52215)], ycf3 [56390..56542], trnI-GAU [100742..100778], trnI-GAU [101733..101767], trnA-UGC [101832..101869], trnA-UGC [102670..102704], trnA-UGC [complement(134270..134304)], trnA-UGC [complement(135105..135142)], trnI-GAU [complement(135207..135241)], trnI-GAU [complement(136196..136232)]	trnK-UUU [complement(1730..4235)], rpoC1 [complement(21697..22446)], trnV-UAC [complement(44442..45039)], trnL-UAA [complement(51610..52180)], ycf3 [54740..55474], ycf3 [55703..56389], petB [76466..77282], petD [78125..78957], rpl16 [complement(83385..84484)], rpl2 [complement(86508..87218)], ndhB [complement(93721..94407)], trnI-GAU [100779..101732], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101870..102669], ndhA [complement(122049..123144)], trnA-UGC [complement(134305..135104)], trnI-GAU [complement(135242..136195)], ndhB [142567..143253], rpl2 [149756..150466]
2631.	PAOB	72	rps12 [complement(97650..97675)], rps12 [complement(98217..98442)], rps12 [complement(69871..69984)], trnK-UUU [complement(1694..1728)], trnK-UUU [complement(4181..4217)], rps16 [complement(4944..5176)], rps16 [complement(5990..6035)], trnG-GCC [9328..9361], trnG-GCC [10052..10099], atpF [complement(12119..12532)], atpF [complement(13230..13388)], rpoC1 [complement(21425..23041)], rpoC1 [complement(23746..24180)], ycf3 [complement(43255..43409)], ycf3 [complement(44163..44388)], ycf3 [complement(45114..45239)], trnL-UAA [47995..48031], trnL-UAA [48556..48604], trnV-UAC [complement(52277..52313)], trnV-UAC [complement(52887..52925)], rps12 [138644..138869], rps12 [139408..139436], clpP [complement(70153..70380)], clpP [complement(71036..71326)], clpP [complement(72001..72069)], petB [74994..74999], petB [75764..76414], petD [76624..76632], petD [77328..77801], rpl16 [complement(81261..81659)], rpl16 [complement(82675..82683)], rpl2 [complement(84491..84924)], rpl2 [complement(85590..85986)], ndhB [complement(94602..95357)], ndhB [complement(96040..96816)], trnI-GAU [102341..102382], trnI-GAU [103316..103350], trnA-UGC [103415..103452], trnA-UGC [104170..104204], ndhA [complement(118757..119296)], ndhA [complement(120312..120854)], trnA-UGC [complement(132882..132916)], trnA-UGC [complement(133634..133671)], trnI-GAU [complement(133736..133770)], trnI-GAU [complement(134704..134745)], ndhB [140270..141046], ndhB [141729..142484], rpl2 [151100..151496], rpl2 [152162..152595]	trnK-UUU [complement(1729..4180)], rps16 [complement(5177..5989)], trnG-GCC [9362..10051], atpF [complement(12533..13229)], rpoC1 [complement(23042..23745)], ycf3 [complement(43410..44162)], ycf3 [complement(44389..45113)], trnL-UAA [48032..48555], trnV-UAC [complement(52314..52886)], clpP [complement(70381..71035)], clpP [complement(71327..72000)], petB [75000..75763], petD [76633..77327], rpl16 [complement(81660..82674)], rpl2 [complement(84925..85589)], ndhB [complement(95358..96039)], trnI-GAU [102383..103315], trnA-UGC [103453..104169], ndhA [complement(119297..120311)], trnA-UGC [complement(132917..133633)], trnI-GAU [complement(133771..134703)], ndhB [141047..141728], rpl2 [151497..152161]
2632.	PAOE	37	trnK-UUU [complement(1691..1725)], trnK-UUU [complement(4269..4305)], rps12 [28589..28702], rps12 [138141..138372], rps12 [138909..138940], rps12 [complement(95425..95656)], rps12 [complement(94857..94888)], trnV-UAC [complement(45330..45364)], trnV-UAC [complement(45971..46009)], trnL-	trnK-UUU [complement(1726..4268)], rpoC1 [complement(22297..23052)], trnV- UAC [complement(45365..45970)], trnL- UAA [complement(52555..53122)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAA [complement(52505..52554)], trnL-UAA [complement(53123..53157)], trnI-GAU [99573..99609], trnI-GAU [100565..100599], trnA-UGC [complement(100664..100701)], trnA-UGC [complement(101502..101536)], trnA [complement(132261..132295)], trnA [complement(133096..133133)], trnI-GAU [complement(133198..133232)], trnI-GAU [complement(134188..134224)]	[55747..56473], ycf3 [56702..57388], petB [77503..78353], petD [79196..80025], rpl16 [complement(84480..85565)], rpl2 [complement(87658..88378)], ndhB [complement(92549..93236)], trnI-GAU [99610..100564], trnA-UGC [complement(100702..101501)], ndhA [complement(120429..121508)], trnA [complement(132296..133095)], trnI-GAU [complement(133233..134187)], ndhB [140561..141248], rpl2 [145419..146139]
2633.	PAOL	56	rps12 [complement(103192..103217)], rps12 [complement(103754..103985)], rps12 [complement(74047..74160)], trnK-UUU [complement(1837..1871)], trnK-UUU [complement(4412..4448)], trnG-GCC [8274..8296], trnG-GCC [9022..9067], atpF [complement(11857..12267)], atpF [complement(13064..13207)], rpoC1 [complement(21449..23059)], rpoC1 [complement(23849..24280)], ycf3 [complement(45265..45417)], ycf3 [complement(46124..46351)], ycf3 [complement(47083..47208)], trnL-UAA [49576..49612], trnL-UAA [50178..50226], trnV-UAC [complement(54338..54374)], trnV-UAC [complement(54982..55020)], rps12 [complement(74047..74160)], rps12 [147655..147886], rps12 [148423..148448], clpP [complement(74325..74550)], clpP [complement(75176..75468)], clpP [complement(76333..76401)], petB [79388..79393], petB [80227..80868], petD [81082..81089], petD [81873..82347], rpl16 [complement(86113..86511)], rpl16 [complement(87580..87588)], rpl2 [complement(89447..89881)], rpl2 [complement(90557..90955)], ndhB [complement(100132..100887)], ndhB [complement(101576..102352)], trnI-GAU [107979..108020], trnI-GAU [108968..109002], trnA-UGC [109067..109104], trnA-UGC [109913..109947], ndhA [complement(126713..127252)], ndhA [complement(128430..128999)], trnA-UGC [complement(141689..141723)], trnA-UGC [complement(142532..142569)], trnI-GAU [complement(142634..142668)],	trnG-GCC [8297..9021], trnL-UAA [49613..50177], trnV-UAC [complement(54375..54981)], clpP [complement(74551..75175)], clpP [complement(75469..76332)], trnI-GAU [108021..108967], trnI-GAU [complement(142669..143615)], rpl2 [161084..161758]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(143616..143657)], ndhB [149288..150064], ndhB [150753..151508], rpl2 [160685..161083], rpl2 [161759..162193]	
2634.	PAOO	58	rps12 [complement(101223..101254)], rps12 [complement(101791..102022)], rps12 [complement(70429..70542)], trnK-UUU [complement(1608..1636)], trnK-UUU [complement(4162..4198)], rpoC1 [complement(19158..20807)], rpoC1 [complement(21559..21990)], ycf3 [complement(42162..42314)], ycf3 [complement(43018..43245)], ycf3 [complement(43966..44091)], trnL-UAA [46462..46498], trnL-UAA [47066..47115], trnV-UAC [52609..52647], trnV-UAC [53246..53280], rps12 [complement(70429..70542)], rps12 [134377..134608], rps12 [135145..135176], clpP [complement(70717..71052)], clpP [complement(71662..71953)], clpP [complement(72652..72722)], petB [75810..75815], petB [76622..77263], petD [77464..77471], petD [78272..78746], rpl16 [complement(82358..82786)], rpl16 [complement(83897..83905)], rpl2 [complement(88165..88599)], rpl2 [complement(89325..89720)], ndhB [complement(98542..99297)], ndhB [complement(99985..100758)], trnI-GAU [105935..105976], trnI-GAU [106926..106960], trnA-UGC [107025..107062], trnA-UGC [107861..107895], ndhA [complement(129441..129980)], ndhA [complement(131038..131589)], ndhB [135641..136414], ndhB [137102..137857], rpl2 [146679..147074], rpl2 [147800..148234]	trnK-UUU [complement(1637..4161)], rpoC1 [complement(20808..21558)], ycf3 [complement(42315..43017)], ycf3 [complement(43246..43965)], trnL-UAA [46499..47065], trnV-UAC [52648..53245], clpP [complement(71053..71661)], clpP [complement(71954..72651)], petB [75816..76621], petD [77472..78271], rpl16 [complement(82787..83896)], rpl2 [complement(88600..89324)], ndhB [complement(99298..99984)], trnI-GAU [105977..106925], trnA-UGC [107063..107860], ndhA [complement(129981..131037)], ndhB [136415..137101], rpl2 [147075..147799]
2635.	PAOR	1	rps12 [138975..139000]	-
2636.	PAOS	51	rps12 [complement(97861..97886)], rps12 [complement(98428..98653)], rps12 [complement(70102..70215)], rps16 [complement(5031..5264)], rps16 [complement(6083..6121)], atpF [complement(12156..12563)], atpF [complement(13263..13421)], rpoC1 [complement(21457..23073)], rpoC1 [complement(23781..24215)], ycf3 [complement(43410..43562)], ycf3 [complement(44326..44553)], ycf3 [complement(45273..45398)], rps12 [138874..139099], rps12 [139638..139666], clpP [complement(70384..70611)], clpP [complement(71269..71559)], clpP [complement(72231..72299)], petB [75223..75228], petB [75981..76637], petD [76847..76855], petD [77499..78023], rpl16 [complement(81478..81879)], rpl16 [complement(82886..82894)], rpl2 [complement(84656..85090)], rpl2	rps16 [complement(5265..6082)], atpF [complement(12564..13262)], rpoC1 [complement(23074..23780)], ycf3 [complement(43563..44325)], ycf3 [complement(44554..45272)], clpP [complement(70612..71268)], clpP [complement(71560..72230)], petB [75229..75980], petD [76856..77498], rpl16 [complement(81880..82885)], rpl2 [complement(85091..85758)], ndhB [complement(95562..96243)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85759..86151)], ndhB [complement(94806..95561)], ndhB [complement(96244..97020)], trnA-UGC [103625..103661], trnA-UGC [103702..103729], ndhA [complement(118971..119510)], ndhA [complement(120522..121064)], trnA-UGC [complement(133798..133827)], trnA-UGC [complement(133864..133902)], ndhB [140507..141283], ndhB [141966..142721]	[103662..103701], ndhA [complement(119511..120521)], trnA-UGC [complement(133828..133863)], ndhB [141284..141965]
2637.	PAPA	62	rps12 [complement(100284..100312)], rps12 [complement(100853..101084)], rps12 [complement(68263..68376)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3932..3969)], rps16 [complement(4523..4740)], rps16 [complement(5579..5618)], trnG-UCC [complement(13403..13450)], trnG-UCC [complement(14138..14160)], atpF [34804..34962], atpF [35776..36183], ycf3 [complement(43999..44151)], ycf3 [complement(44880..45107)], ycf3 [complement(45850..45981)], trnL-UAA [48739..48773], trnL-UAA [49317..49366], trnV-UAC [complement(52939..52975)], trnV-UAC [complement(53572..53610)], petB [72126..72131], petB [72861..73508], petD [73691..73698], petD [74419..74893], rpl16 [complement(78424..78825)], rpl16 [complement(79909..79917)], rpl2 [complement(81874..82305)], rpl2 [complement(82969..83358)], ndhB [complement(97211..97966)], ndhB [complement(98679..99455)], trnI-GAU [104920..104961], trnI-GAU [105908..105942], trnA-UGC [106008..106045], trnA-UGC [106856..106890], ndhA [complement(122420..122959)], ndhA [complement(123991..124539)], trnA-UGC [complement(131915..131949)], trnA-UGC [complement(132760..132797)], trnI-GAU [complement(132863..132897)], trnI-GAU [complement(133844..133885)], ndhB [139350..140126], ndhB [140839..141594], rpl2 [155447..155836], rpl2 [156500..156931]	trnK-UUU [complement(1414..3931)], rps16 [complement(4741..5578)], trnG-UCC [complement(13451..14137)], atpF [34963..35775], ycf3 [complement(44152..44879)], ycf3 [complement(45108..45849)], trnL-UAA [48774..49316], trnV-UAC [complement(52976..53571)], petB [72132..72860], petD [73699..74418], rpl16 [complement(78826..79908)], rpl2 [complement(82306..82968)], ndhB [complement(97967..98678)], trnI-GAU [104962..105907], trnA-UGC [106046..106855], ndhA [complement(122960..123990)], trnA-UGC [complement(131950..132759)], trnI-GAU [complement(132898..133843)], ndhB [140127..140838], rpl2 [155837..156499]
2638.	PAPB	73	rps12 [complement(105262..105287)], rps12 [complement(105842..106073)], rps12 [complement(75082..75195)], trnK-UUU [complement(1416..1444)], trnK-UUU [complement(4480..4516)], rps16 [complement(5200..5447)], rps16 [complement(6343..6382)], trnG-GCC [10803..10825], trnG-GCC [11541..11577], atpF [complement(13553..13963)], atpF [complement(14918..15061)], rpoC1 [complement(22963..24594)], rpoC1 [complement(25350..25784)], ycf3 [complement(45775..45927)], ycf3	trnK-UUU [complement(1445..4479)], rps16 [complement(5448..6342)], trnG-GCC [10826..11540], atpF [complement(13964..14917)], rpoC1 [complement(24595..25349)], ycf3 [complement(45928..46693)], ycf3 [complement(46922..47644)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(46694..46921)], ycf3 [complement(47645..47770)], trnL-UAA [50804..50838], trnL-UAA [51676..51725], trnV-UAC [complement(55909..55945)], trnV-UAC [complement(56536..56574)], rps12 [complement(75082..75195)], rps12 [148547..148778], rps12 [149333..149358], clpP [complement(75328..75579)], clpP [complement(76256..76547)], clpP [complement(77741..77811)], petB [81225..81230], petB [81972..82619], petD [82800..82807], petD [83670..84144], rpl16 [complement(87709..88107)], rpl16 [complement(89448..89456)], rpl2 [complement(91506..91937)], rpl2 [complement(92601..92987)], ndhB [complement(102165..102920)], ndhB [complement(103625..104401)], trnI-GAU [110122..110163], trnI-GAU [111111..111145], trnA-UGC [111210..111247], trnA-UGC [112047..112081], ndhA [124425..124976], ndhA [126138..126677], trnA-UGC [complement(142539..142573)], trnA-UGC [complement(143373..143410)], trnI-GAU [complement(143475..143509)], trnI-GAU [complement(144457..144498)], ndhB [150219..150995], ndhB [151700..152455], rpl2 [161633..162019], rpl2 [162683..163114]	[50839..51675], trnV-UAC [complement(55946..56535)], clpP [complement(75580..76255)], clpP [complement(76548..77740)], petB [81231..81971], petD [82808..83669], rpl16 [complement(88108..89447)], rpl2 [complement(91938..92600)], ndhB [complement(102921..103624)], trnI-GAU [110164..111110], trnA-UGC [111248..112046], ndhA [124977..126137], trnA-UGC [complement(142574..143372)], trnI-GAU [complement(143510..144456)], ndhB [150996..151699], rpl2 [162020..162682]
2639.	PAPI	42	psbA [complement(148794..149758)], psbA [complement(1..97)], trnK-UUU [complement(303..337)], trnK-UUU [complement(2855..2891)], trnG-GCC [7736..7758], trnG-GCC [8461..8501], trnL-UAA [46976..47011], trnL-UAA [47515..47563], trnV-UAC [complement(51180..51216)], trnV-UAC [complement(51783..51821)], rps12 [143300..143325], trnI-GAU [103460..103496], trnI-GAU [104445..104479], trnA-UGC [104544..104581], trnA-UGC [105404..105438], trnA-UGC [complement(136563..136597)], trnA-UGC [complement(137420..137457)], trnI-GAU [complement(137522..137566)], trnI-GAU [complement(138505..138541)]	psbA [complement(149759..0)], trnK-UUU [complement(338..2854)], rps16 [complement(3803..4656)], trnG-GCC [7759..8460], atpF [complement(10787..11506)], rpoC1 [complement(21243..22010)], ycf3 [complement(42072..42846)], ycf3 [complement(43077..43799)], trnL-UAA [47012..47514], trnV-UAC [complement(51217..51782)], clpP [complement(69635..70256)], clpP [complement(70549..71385)], petB [74427..75177], petD [76009..76749], rpl16 [complement(81118..82072)], rpl2 [complement(84227..84877)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(96395..97077)], trnI-GAU [103497..104444], trnA-UGC [104582..105403], ndhA [complement(122694..123754)], trnA-UGC [complement(136598..137419)], trnI-GAU [complement(137567..138504)], ndhB [144921..145606]
2640.	PAPR	72	rps12 [complement(98812..98837)], rps12 [complement(99379..99610)], rps12 [complement(70437..70550)], trnK-UUU [complement(1365..1399)], trnK-UUU [complement(4002..4038)], rps16 [complement(4795..5004)], rps16 [complement(5755..5796)], trnG-UCC [9309..9332], trnG-UCC [10007..10054], atpF [complement(11997..12407)], atpF [complement(13209..13352)], rpoC1 [complement(20906..22555)], rpoC1 [complement(23261..23695)], ycf3 [complement(42488..42646)], ycf3 [complement(43394..43621)], ycf3 [complement(44352..44477)], trnL-UAA [47254..47288], trnL-UAA [47844..47893], trnV-UAC [complement(52132..52168)], trnV-UAC [complement(52766..52804)], rps12 [142162..142393], rps12 [142935..142960], clpP [complement(70716..70940)], clpP [complement(71579..71869)], clpP [complement(72649..72717)], petB [75630..75635], petB [76449..77090], petD [77288..77293], petD [78035..78511], rpl16 [complement(81994..82395)], rpl16 [complement(83411..83419)], rpl2 [complement(85288..85719)], rpl2 [complement(86384..86773)], ndhB [complement(95739..96494)], ndhB [complement(97190..97966)], trnI-GAU [103580..103621], trnI-GAU [104557..104591], trnA-UGC [104651..104688], trnA-UGC [105490..105524], ndhA [complement(121251..121781)], ndhA [complement(122846..123397)], trnA-UGC [complement(136248..136282)], trnA-UGC [complement(137084..137121)], trnI-GAU [complement(137181..137215)], trnI-GAU [complement(138151..138192)], ndhB [143806..144582], ndhB [145278..146033], rpl2 [154999..155391], rpl2 [156053..156484]	trnK-UUU [complement(1400..4001)], rps16 [complement(5005..5754)], trnG-UCC [9333..10006], atpF [complement(12408..13208)], rpoC1 [complement(22556..23260)], ycf3 [complement(42647..43393)], ycf3 [complement(43622..44351)], trnL-UAA [47289..47843], trnV-UAC [complement(52169..52765)], clpP [complement(70941..71578)], clpP [complement(71870..72648)], petB [75636..76448], petD [77294..78034], rpl16 [complement(82396..83410)], rpl2 [complement(85720..86383)], ndhB [complement(96495..97189)], trnI-GAU [103622..104556], trnA-UGC [104689..105489], ndhA [complement(121782..122845)], trnA-UGC [complement(136283..137083)], trnI-GAU [complement(137216..138150)], ndhB [144583..145277], rpl2 [155392..156052]
2641.	PAPR	26	rps12 [complement(76740..76853)], trnK-UUU [complement(1805..1839)], trnK-UUU [complement(4381..4417)], trnG-UCC [10068..10090], trnG-UCC	trnK-UUU [complement(1840..4380)], trnG-UCC [10091..10828], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10829..10876], trnL-UAA [52425..52459], trnL-UAA [53006..53055], trnV-UAC [complement(57019..57055)], trnV-UAC [complement(57675..57713)], rps12 [162934..162959], trnI-GAU [110803..110839], trnI-GAU [111793..111827], trnA-UGC [111892..111929], trnA-UGC [112733..112767], trnA-UGC [complement(156242..156276)], trnA-UGC [complement(157080..157117)], trnI-GAU [complement(157182..157216)], trnI-GAU [complement(158170..158206)]	[52460..53005], trnV-UAC [complement(57056..57674)], trnI-GAU [110840..111792], trnA-UGC [111930..112732], trnA-UGC [complement(156277..157079)], trnI-GAU [complement(157217..158169)]
2642.	PAPT	41	trnK-UUU [complement(1669..1703)], trnK-UUU [complement(4237..4273)], trnG [7932..7954], trnG [8662..8709], trnL-UAA [47618..47652], trnL-UAA [48231..48280], trnV-UAC [54802..54840], trnV-UAC [55434..55468], rps12 [59999..60112], rps12 [149094..149325], rps12 [149862..149893], rps12 [complement(100709..100940)], rps12 [complement(100141..100172)], trnI-GAU [105199..105235], trnI-GAU [106190..106224], trnA-UGC [106289..106326], trnA-UGC [107128..107162], trnA-UGC [complement(142872..142906)], trnA-UGC [complement(143708..143745)], trnI-GAU [complement(143810..143844)], trnI-GAU [complement(144799..144835)]	trnK-UUU [complement(1704..4236)], trnG [7955..8661], rpoC1 [complement(21539..22288)], ycf3 [complement(43416..44118)], ycf3 [complement(44347..45072)], trnL-UAA [47653..48230], trnV-UAC [54841..55433], clpP [57774..58647], clpP [58943..59572], petB [76878..77682], petD [78538..79359], rpl16 [complement(83751..84830)], rpl2 [complement(87203..87880)], ndhB [complement(97828..98514)], trnI-GAU [105236..106189], trnA-UGC [106327..107127], ndhA [complement(129072..130143)], trnA-UGC [complement(142907..143707)], trnI-GAU [complement(143845..144798)], ndhB [151520..152206]
2643.	PAPU	65	rps12 [complement(100293..100321)], rps12 [complement(100862..101093)], rps12 [complement(68266..68379)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3902..3939)], rps16 [complement(4493..4710)], rps16 [complement(5549..5588)], trnG-UCC [complement(13393..13440)], trnG-UCC [complement(14128..14150)], atpF [34799..34957], atpF [35766..36173], ycf3 [complement(43992..44144)], ycf3 [complement(44873..45100)], ycf3 [complement(45843..45974)], trnL-UAA [48730..48764], trnL-UAA [49308..49357], trnV-UAC [complement(52934..52970)], trnV-UAC	trnK-UUU [complement(1414..3901)], rps16 [complement(4711..5548)], trnG-UCC [complement(13441..14127)], atpF [34958..35765], ycf3 [complement(44145..44872)], ycf3 [complement(45101..45842)], trnL-UAA [48765..49307], trnV-UAC [complement(52971..53566)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53567..53605)], rps12 [complement(68266..68379)], rps12 [137730..137961], rps12 [138502..138530], petB [72129..72134], petB [72864..73511], petD [73694..73701], petD [74422..74896], rpl16 [complement(78427..78828)], rpl16 [complement(79914..79922)], rpl2 [complement(81878..82309)], rpl2 [complement(82973..83362)], ndhB [complement(97220..97975)], ndhB [complement(98688..99464)], trnI-GAU [104929..104970], trnI-GAU [105917..105951], trnA-UGC [106017..106054], trnA-UGC [106865..106899], ndhA [complement(122429..122968)], ndhA [complement(124000..124548)], trnA-UGC [complement(131924..131958)], trnA-UGC [complement(132769..132806)], trnI-GAU [complement(132872..132906)], trnI-GAU [complement(133853..133894)], ndhB [139359..140135], ndhB [140848..141603], rpl2 [155461..155850], rpl2 [156514..156945]	[72135..72863], petD [73702..74421], rpl16 [complement(78829..79913)], rpl2 [complement(82310..82972)], ndhB [complement(97976..98687)], trnI-GAU [104971..105916], trnA-UGC [106055..106864], ndhA [complement(122969..123999)], trnA-UGC [complement(131959..132768)], trnI-GAU [complement(132907..133852)], ndhB [140136..140847], rpl2 [155851..156513]
2644.	PAPY	62	rps12 [complement(92863..92891)], rps12 [complement(93432..93663)], rps12 [complement(69904..70017)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3888..3925)], rps16 [complement(4477..4694)], rps16 [complement(5555..5594)], trnG-UCC [complement(13462..13509)], trnG-UCC [complement(14193..14215)], atpF [35231..35389], atpF [36190..36597], ycf3 [complement(44402..44560)], ycf3 [complement(45293..45520)], ycf3 [complement(46293..46424)], trnL-UAA [49204..49238], trnL-UAA [49786..49835], trnV-UAC [complement(53480..53516)], trnV-UAC [complement(54119..54157)], petB [73757..73762], petB [74511..75158], petD [75352..75359], petD [76087..76561], rpl16 [complement(80115..80516)], rpl16 [complement(81596..81604)], rpl2 [complement(83564..83995)], rpl2 [complement(84659..85048)], ndhB [complement(89790..90545)], ndhB [complement(91258..92034)], trnI-GAU [97481..97522], trnI-GAU [98469..98503], trnA-UGC [98569..98606], trnA-UGC [99417..99451], ndhA [complement(115003..115542)], ndhA [complement(116574..117122)], trnA-UGC [complement(124533..124567)], trnA-UGC [complement(125378..125415)], trnI-GAU [complement(125481..125515)], trnI-GAU [complement(126462..126503)], ndhB [131950..132726], ndhB [133439..134194], rpl2 [138936..139325], rpl2 [139989..140420]	trnK-UUU [complement(1411..3887)], rps16 [complement(4695..5554)], trnG-UCC [complement(13510..14192)], atpF [35390..36189], ycf3 [complement(44561..45292)], ycf3 [complement(45521..46292)], trnL-UAA [49239..49785], trnV-UAC [complement(53517..54118)], petB [73763..74510], petD [75360..76086], rpl16 [complement(80517..81595)], rpl2 [complement(83996..84658)], ndhB [complement(90546..91257)], trnI-GAU [97523..98468], trnA-UGC [98607..99416], ndhA [complement(115543..116573)], trnA-UGC [complement(124568..125377)], trnI-GAU [complement(125516..126461)], ndhB [132727..133438], rpl2 [139326..139988]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2645.	PAQA	72	<p>rps12 [complement(99029..99054)], rps12 [complement(99596..99827)], rps12 [complement(70030..70143)], trnK-UUU [complement(1481..1515)], trnK-UUU [complement(4128..4164)], rps16 [complement(4893..5102)], rps16 [complement(5856..5897)], trnG-UCC [9390..9413], trnG-UCC [10088..10135], atpF [complement(12080..12490)], atpF [complement(13278..13421)], rpoC1 [complement(20966..22609)], rpoC1 [complement(23316..23750)], ycf3 [complement(42448..42606)], ycf3 [complement(43345..43572)], ycf3 [complement(44297..44422)], trnL-UAA [47141..47175], trnL-UAA [47721..47770], trnV-UAC [complement(51932..51968)], trnV-UAC [complement(52564..52602)], rps12 [141853..142084], rps12 [142626..142651], clpP [complement(70301..70531)], clpP [complement(71170..71460)], clpP [complement(72233..72301)], petB [75227..75232], petB [76048..76689], petD [76862..76867], petD [77621..78097], rpl16 [complement(81572..81973)], rpl16 [complement(82953..82961)], rpl2 [complement(84836..85267)], rpl2 [complement(85932..86321)], ndhB [complement(95956..96711)], ndhB [complement(97407..98183)], trnI-GAU [103791..103832], trnI-GAU [104768..104802], trnA-UGC [104862..104899], trnA-UGC [105701..105735], ndhA [complement(121122..121652)], ndhA [complement(122728..123279)], trnA-UGC [complement(135945..135979)], trnA-UGC [complement(136781..136818)], trnI-GAU [complement(136878..136912)], trnI-GAU [complement(137848..137889)], ndhB [143497..144273], ndhB [144969..145724], rpl2 [155359..155751], rpl2 [156413..156844]</p>	<p>trnK-UUU [complement(1516..4127)], rps16 [complement(5103..5855)], trnG-UCC [9414..10087], atpF [complement(12491..13277)], rpoC1 [complement(22610..23315)], ycf3 [complement(42607..43344)], ycf3 [complement(43573..44296)], trnL-UAA [47176..47720], trnV-UAC [complement(51969..52563)], clpP [complement(70532..71169)], clpP [complement(71461..72232)], petB [75233..76047], petD [76868..77620], rpl16 [complement(81974..82952)], rpl2 [complement(85268..85931)], ndhB [complement(96712..97406)], trnI-GAU [103833..104767], trnA-UGC [104900..105700], ndhA [complement(121653..122727)], trnA-UGC [complement(135980..136780)], trnI-GAU [complement(136913..137847)], ndhB [144274..144968], rpl2 [155752..156412]</p>
2646.	PAQD	28	<p>rps12 [complement(97973..98215)], rps12 [complement(69573..69686)], trnK-UUU [complement(1572..1601)], trnK-UUU [complement(4136..4172)], ycf3 [complement(43244..43473)], rps12 [138473..138715]</p>	<p>trnK-UUU [complement(1602..4135)], rps16 [complement(5203..6102)], rpoC1 [16369..17110], atpF [26826..27534], trnG-UCC [complement(30018..30750)], ycf3 [complement(42505..43243)], ycf3 [complement(43474..44169)], trnL-UAA [47270..47696], trnV-UAC [complement(51245..51816)], clpP [complement(70116..70731)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(71023..71838)], petB [74918..75714], petD [76553..77288], rpl2 [complement(84811..85481)], ndhB [complement(95153..95827)], trnI-GAU [102179..102954], trnA-UGC [103092..103911], ndhA [116223..117294], trnA-UGC [complement(132777..133596)], trnI-GAU [complement(133734..134509)], ndhB [140861..141535], rpl2 [151208..151878]
2647.	PAQR	37	trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4248..4284)], rps12 [27906..28019], rps12 [138696..138927], rps12 [139464..139489], rps12 [complement(95012..95243)], rps12 [complement(94450..94475)], trnV-UAC [complement(44309..44343)], trnV-UAC [complement(44942..44980)], trnL-UAA [complement(51530..51579)], trnL-UAA [complement(52151..52185)], trnI-GAU [99180..99216], trnI-GAU [100172..100206], trnA-UGC [100271..100308], trnA-UGC [101109..101143], trnA-UGC [complement(132796..132830)], trnA-UGC [complement(133631..133668)], trnI-GAU [complement(133733..133767)], trnI-GAU [complement(134723..134759)]	trnK-UUU [complement(1731..4247)], rpoC1 [complement(21655..22403)], trnV-UAC [complement(44344..44941)], trnL-UAA [complement(51580..52150)], ycf3 [54720..55454], ycf3 [55683..56387], petB [76688..77504], petD [78347..79177], rpl16 [complement(83629..84730)], rpl2 [complement(86782..87492)], ndhB [complement(92143..92829)], trnI-GAU [99217..100171], trnA-UGC [100309..101108], ndhA [complement(120559..121635)], trnA-UGC [complement(132831..133630)], trnI-GAU [complement(133768..134722)], ndhB [141110..141796], rpl2 [146447..147157]
2648.	PAQU	70	rps12 [complement(99003..99028)], rps12 [complement(99565..99796)], rps12 [complement(71641..71754)], trnK-UUU [complement(1754..1788)], trnK-UUU [complement(4314..4350)], rps16 [complement(5247..5443)], rps16 [complement(6330..6369)], trnG-UCC [10195..10217], trnG-UCC [10916..10963], atpF [complement(12885..13355)], atpF [complement(14011..14169)], rpoC1 [complement(22162..23778)], rpoC1 [complement(24536..24988)], ycf3 [complement(44489..44641)], ycf3	trnK-UUU [complement(1789..4313)], rps16 [complement(5444..6329)], trnG-UCC [10218..10915], atpF [complement(13356..14010)], rpoC1 [complement(23779..24535)], ycf3 [complement(44642..45392)], ycf3 [complement(45621..46336)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45393..45620)], ycf3 [complement(46337..46462)], trnL-UAA [49440..49476], trnL-UAA [49982..50030], trnV-UAC [complement(53510..53546)], trnV-UAC [complement(54123..54161)], clpP [complement(71913..72140)], clpP [complement(72776..73066)], clpP [complement(73842..73910)], petB [76857..76862], petB [77635..78288], petD [78463..78470], petD [79222..79696], rpl16 [complement(83163..83561)], rpl16 [complement(84505..84513)], rpl2 [complement(86200..86634)], rpl2 [complement(87292..87684)], ndhB [complement(95974..96729)], ndhB [complement(97408..98184)], trnI-GAU [103714..103755], trnI-GAU [104696..104730], trnA-UGC [104795..104832], trnA-UGC [105641..105675], ndhA [complement(121957..122496)], ndhA [complement(123526..124077)], trnA-UGC [complement(136509..136543)], trnA-UGC [complement(137352..137389)], trnI-GAU [complement(137454..137488)], trnI-GAU [complement(138429..138470)], ndhB [144000..144776], ndhB [145455..146210], rpl2 [154500..154892], rpl2 [155550..155984]	[49477..49981], trnV-UAC [complement(53547..54122)], clpP [complement(72141..72775)], clpP [complement(73067..73841)], petB [76863..77634], petD [78471..79221], rpl16 [complement(83562..84504)], rpl2 [complement(86635..87291)], ndhB [complement(96730..97407)], trnI-GAU [103756..104695], trnA-UGC [104833..105640], ndhA [complement(122497..123525)], trnA-UGC [complement(136544..137351)], trnI-GAU [complement(137489..138428)], ndhB [144777..145454], rpl2 [154893..155549]
2649.	PARA	62	rps12 [complement(91995..92023)], rps12 [complement(92564..92795)], rps12 [complement(68659..68772)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3913..3950)], rps16 [complement(4513..4742)], rps16 [complement(5603..5642)], trnG-UCC [complement(13170..13217)], trnG-UCC [complement(13893..13915)], atpF [34131..34289], atpF [35129..35536], ycf3 [complement(43284..43442)], ycf3 [complement(44168..44395)], ycf3 [complement(45141..45272)], trnL-UAA [48011..48045], trnL-UAA [48407..48456], trnV-UAC [complement(52032..52068)], trnV-UAC [complement(52666..52704)], petB [72528..72533], petB [73348..73989], petD [74178..74185], petD [74946..75420], rpl16 [complement(78967..79371)], rpl16 [complement(80492..80500)], rpl2 [complement(82432..82863)], rpl2 [complement(83527..83916)], ndhB [complement(88922..89677)], ndhB [complement(90390..91166)], trnI-GAU [96355..96396], trnI-GAU [97324..97358], trnA-UGC [97424..97461], trnA-UGC [98273..98307], ndhA [complement(114437..114976)], ndhA [complement(116001..116549)], trnA-UGC [complement(123902..123936)], trnA-UGC [complement(124748..124785)], trnI-GAU [complement(124851..124885)],	trnK-UUU [complement(1412..3912)], rps16 [complement(4743..5602)], trnG-UCC [complement(13218..13892)], atpF [34290..35128], ycf3 [complement(43443..44167)], ycf3 [complement(44396..45140)], trnL-UAA [48046..48406], trnV-UAC [complement(52069..52665)], petB [72534..73347], petD [74186..74945], rpl16 [complement(79372..80491)], rpl2 [complement(82864..83526)], ndhB [complement(89678..90389)], trnI-GAU [96397..97323], trnA-UGC [97462..98272], ndhA [complement(114977..116000)], trnA-UGC [complement(123937..124747)], trnI-GAU [complement(124886..125812)], ndhB [131820..132531], rpl2 [138683..139345]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(125813..125854)], ndhB [131043..131819], ndhB [132532..133287], rpl2 [138293..138682], rpl2 [139346..139777]	
2650.	PARE	41	trnK-UUU [complement(1692..1726)], trnK-UUU [complement(4264..4300)], rpoC1 [complement(20692..22326)], rpoC1 [complement(23075..23509)], rps12 [28592..28705], rps12 [137738..137969], rps12 [138506..138537], rps12 [complement(94864..95095)], rps12 [complement(94296..94327)], trnV-UAC [complement(45142..45176)], trnV-UAC [complement(45780..45818)], trnL-UAA [complement(52314..52363)], trnL-UAA [complement(52944..52978)], trnI-GAU [99013..99049], trnI-GAU [100005..100039], trnA-UGC [100104..100141], trnA-UGC [100942..100976], trnA-UGC [complement(131857..131891)], trnA-UGC [complement(132692..132729)], trnI-GAU [complement(132794..132828)], trnI-GAU [complement(133784..133820)], ndhB [139384..140157], ndhB [140846..141601]	trnK-UUU [complement(1727..4263)], rpoC1 [complement(22327..23074)], trnV-UAC [complement(45177..45779)], trnL-UAA [complement(52364..52943)], ycf3 [55523..56250], ycf3 [56479..57165], petB [76913..77751], petD [78594..79423], rpl16 [complement(83867..84965)], rpl2 [complement(87095..87815)], ndhB [complement(91988..92675)], trnI-GAU [99050..100004], trnA-UGC [100142..100941], ndhA [complement(119987..121061)], trnA-UGC [complement(131892..132691)], trnI-GAU [complement(132829..133783)], ndhB [140158..140845], rpl2 [145018..145738]
2651.	PARF	68	rps12 [complement(89938..89969)], rps12 [complement(90506..90737)], rps12 [complement(69392..69505)], rps12 [148630..148743], rps12 [127398..127629], rps12 [128166..128197], trnK-UUU [complement(1607..1635)], trnK-UUU [complement(4187..4223)], ycf3 [complement(41069..41221)], ycf3 [complement(41908..42135)], ycf3 [complement(42865..42990)], trnL-UAA [45465..45501], trnL-UAA [46063..46112], trnV-UAC [complement(65097..65133)], trnV-UAC [complement(65721..65759)], petB [73550..73555], petB [74370..75011], petD [75212..75219], petD [75962..76436], rpl16 [complement(79655..80107)], rpl16 [complement(81257..81265)], rpl2 [complement(82857..83291)], rpl2 [complement(83999..84394)], ndhB [complement(87303..88058)], ndhB [complement(88746..89519)], trnI-GAU [94601..94643], trnI-GAU [95594..95628], trnA-UGC [95693..95730], trnA-UGC [96530..96564], ndhA [complement(111895..112434)], ndhA [complement(113517..114068)], trnA-UGC [complement(121571..121605)], trnA-UGC	trnK-UUU [complement(1636..4186)], ycf3 [complement(41222..41907)], ycf3 [complement(42136..42864)], trnL-UAA [45502..46062], trnV-UAC [complement(65134..65720)], petB [73556..74369], petD [75220..75961], rpl16 [complement(80108..81256)], rpl2 [complement(83292..83998)], ndhB [complement(88059..88745)], trnI-GAU [94644..95593], trnA-UGC [95731..96529], ndhA [complement(112435..113516)], trnA-UGC [complement(121606..122404)], trnI-GAU [complement(122542..123491)], ndhB [129390..130076], rpl2 [134137..134843], rpl16 [136879..138027], petD

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(122405..122442)], trnI-GAU [complement(122507..122541)], trnI-GAU [complement(123492..123534)], ndhB [128616..129389], ndhB [130077..130832], rpl2 [133741..134136], rpl2 [134844..135278], rpl16 [136870..136878], rpl16 [138028..138480], petD [complement(141699..142173)], petD [complement(142916..142923)], petB [complement(143124..143765)], petB [complement(144580..144585)], trnV-UAC [152376..152414], trnV-UAC [153002..153038]	[complement(142174..142915)], petB [complement(143766..144579)], trnV-UAC [152415..153001]
2652.	PARG	73	rps12 [complement(100418..100443)], rps12 [complement(100982..101213)], rps12 [complement(72089..72202)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4361..4397)], rps16 [complement(5595..5824)], rps16 [complement(6755..6794)], trnG-UCC [9194..9216], trnG-UCC [9916..9963], atpF [complement(12141..12550)], atpF [complement(13326..13470)], rpoC1 [complement(21624..23240)], rpoC1 [complement(24047..24478)], ycf3 [complement(44080..44232)], ycf3 [complement(45057..45284)], ycf3 [complement(46084..46209)], trnL-UAA [49391..49425], trnL-UAA [49945..49994], trnV-UAC [complement(53109..53143)], trnV-UAC [complement(53737..53775)], rps12 [complement(72089..72202)], rps12 [143183..143414], rps12 [143953..143978], clpP [complement(72360..72587)], clpP [complement(73353..73644)], clpP [complement(74579..74649)], petB [77541..77546], petB [78303..78944], petD [79151..79158], petD [79892..80366], rpl16 [complement(83834..84232)], rpl16 [complement(85244..85252)], rpl2 [complement(87145..87578)], rpl2 [complement(88268..88658)], ndhB [complement(97352..98107)], ndhB [complement(98793..99569)], trnI-GAU [104646..104682], trnI-GAU [105626..105660], trnA-UGC [105725..105762], trnA-UGC [106566..106600], ndhA [complement(122869..123417)], ndhA [complement(124692..125243)], trnA-UGC [complement(137796..137830)], trnA-UGC [complement(138634..138671)], trnI-GAU [complement(138736..138770)], trnI-GAU [complement(139714..139750)], ndhB [144827..145603], ndhB [146289..147044], rpl2 [155738..156128], rpl2 [156818..157251]	trnK-UUU [complement(1750..4360)], rps16 [complement(5825..6754)], trnG-UCC [9217..9915], atpF [complement(12551..13325)], rpoC1 [complement(23241..24046)], ycf3 [complement(44233..45056)], ycf3 [complement(45285..46083)], trnL-UAA [49426..49944], trnV-UAC [complement(53144..53736)], clpP [complement(72588..73352)], clpP [complement(73645..74578)], petB [77547..78302], petD [79159..79891], rpl16 [complement(84233..85243)], rpl2 [complement(87579..88267)], ndhB [complement(98108..98792)], trnI-GAU [104683..105625], trnA-UGC [105763..106565], ndhA [complement(123418..124691)], trnA-UGC [complement(137831..138633)], trnI-GAU [complement(138771..139713)], ndhB [145604..146288], rpl2 [156129..156817]
2653.	PARH	1	rps12 [139092..139117]	-
2654.	PARO	72	rps12 [complement(97750..97775)], rps12 [complement(98317..98542)],	trnK-UUU [complement(1807..4249)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69936..70049)], trnK-UUU [complement(1772..1806)], trnK-UUU [complement(4250..4286)], rps16 [complement(5016..5248)], rps16 [complement(6061..6106)], trnG-GCC [9368..9401], trnG-GCC [10098..10145], atpF [complement(12156..12566)], atpF [complement(13263..13421)], rpoC1 [complement(21455..23071)], rpoC1 [complement(23775..24209)], ycf3 [complement(43273..43427)], ycf3 [complement(44191..44416)], ycf3 [complement(45135..45260)], trnL-UAA [48018..48054], trnL-UAA [48576..48625], trnV-UAC [complement(52298..52334)], trnV-UAC [complement(52908..52946)], rps12 [138757..138982], rps12 [139521..139549], clpP [complement(70218..70445)], clpP [complement(71103..71393)], clpP [complement(72067..72135)], petB [75059..75064], petB [75824..76474], petD [76684..76692], petD [77387..77860], rpl16 [complement(81316..81714)], rpl16 [complement(82729..82737)], rpl2 [complement(84546..84979)], rpl2 [complement(85645..86041)], ndhB [complement(94695..95450)], ndhB [complement(96133..96909)], trnI-GAU [102440..102481], trnI-GAU [103415..103449], trnA-UGC [103514..103551], trnA-UGC [104269..104303], ndhA [complement(118861..119400)], ndhA [complement(120411..120953)], trnA-UGC [complement(132996..133030)], trnA-UGC [complement(133748..133785)], trnI-GAU [complement(133850..133884)], trnI-GAU [complement(134818..134859)], ndhB [140390..141166], ndhB [141849..142604], rpl2 [151258..151654], rpl2 [152320..152753]</p>	<p>[complement(5249..6060)], trnG-GCC [9402..10097], atpF [complement(12567..13262)], rpoC1 [complement(23072..23774)], ycf3 [complement(43428..44190)], ycf3 [complement(44417..45134)], trnL-UAA [48055..48575], trnV-UAC [complement(52335..52907)], clpP [complement(70446..71102)], clpP [complement(71394..72066)], petB [75065..75823], petD [76693..77386], rpl16 [complement(81715..82728)], rpl2 [complement(84980..85644)], ndhB [complement(95451..96132)], trnI-GAU [102482..103414], trnA-UGC [103552..104268], ndhA [complement(119401..120410)], trnA-UGC [complement(133031..133747)], trnI-GAU [complement(133885..134817)], ndhB [141167..141848], rpl2 [151655..152319]</p>
2655.	PARU	46	<p>rps12 [complement(98597..98623)], rps12 [complement(99165..99395)], rps12 [complement(70225..70338)], trnK-UUU [complement(1391..1419)], trnK-UUU [complement(4035..4071)], trnG-GCC [9336..9359], trnG-GCC [10050..10086], trnL-UAA [47237..47271], trnL-UAA [47854..47903], trnV-UAC [complement(52157..52193)], trnV-UAC [complement(52791..52829)], rps12 [147864..148094], rps12 [148636..148662], rpl2 [complement(85122..85552)], rpl2 [complement(86217..86601)], trnI-GAU [103365..103406], trnI-GAU [104342..104376], trnA-UGC [104436..104473], trnA-UGC [105275..105309], trnA-UGC [complement(141950..141984)], trnA-UGC [complement(142786..142823)], trnI-GAU</p>	<p>trnK-UUU [complement(1420..4034)], rps16 [complement(5047..5796)], trnG-GCC [9360..10049], atpF [complement(12441..13184)], rpoC1 [complement(22583..23302)], ycf3 [complement(42635..43380)], ycf3 [complement(43609..44337)], trnL-UAA [47272..47853], trnV-UAC [complement(52194..52790)], clpP [complement(70747..71364)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(142883..142917)], trnI-GAU [complement(143853..143894)]	[complement(71656..72434)], petB [75423..76219], petD [77082..77816], rpl16 [complement(82173..83238)], rpl2 [complement(85553..86216)], ndhB [complement(96280..96974)], trnI-GAU [103407..104341], trnA-UGC [104474..105274], ndhA [complement(127155..128219)], trnA-UGC [complement(141985..142785)], trnI-GAU [complement(142918..143852)], ndhB [150285..150979], rpl2 [161045..161705]
2656.	PASA	70	rps12 [complement(100522..100547)], rps12 [complement(101084..101315)], rps12 [complement(72057..72170)], trnK-UUU [complement(1429..1463)], trnK-UUU [complement(4013..4049)], rps16 [complement(4644..4864)], rps16 [complement(5716..5755)], trnG-UCC [9592..9614], trnG-UCC [10313..10359], atpF [complement(12356..12766)], atpF [complement(13482..13625)], rpoC1 [complement(21633..23249)], rpoC1 [complement(24034..24465)], ycf3 [complement(43465..43619)], ycf3 [complement(44383..44608)], ycf3 [complement(45347..45472)], trnL-UAA [48056..48090], trnL-UAA [48600..48649], trnV-UAC [complement(52482..52517)], trnV-UAC [complement(53102..53141)], rps12 [complement(72057..72170)], rps12 [141388..141613], rps12 [142150..142181], clpP [complement(72324..72548)], clpP [complement(73171..73457)], clpP [complement(74262..74331)], petB [77237..77242], petB [78040..78681], petD [78885..78892], petD [79636..80110], rpl16 [complement(83655..84065)], rpl16 [complement(85130..85138)], rpl2 [complement(86857..87291)], rpl2 [complement(87983..88363)], ndhB [complement(97466..98221)], ndhB [complement(98901..99677)], trnI-GAU [105267..105303], trnI-GAU [106248..106282], trnA-UGC [106347..106384], trnA-UGC [107190..107224], ndhA [complement(121608..122147)], ndhA [complement(123224..123775)], trnA-UGC [complement(135479..135513)], trnA-UGC	trnK-UUU [complement(1464..4012)], rps16 [complement(4865..5715)], trnG-UCC [9615..10312], atpF [complement(12767..13481)], rpoC1 [complement(23250..24033)], ycf3 [complement(43620..44382)], ycf3 [complement(44609..45346)], trnL-UAA [48091..48599], trnV-UAC [complement(52518..53101)], clpP [complement(72549..73170)], clpP [complement(73458..74261)], petB [77243..78039], petD [78893..79635], rpl16 [complement(84066..85129)], rpl2 [complement(87292..87982)], ndhB [complement(98222..98900)], trnI-GAU [105304..106247], trnA-UGC [106385..107189], ndhA [complement(122148..123223)], trnA-UGC [complement(135514..136318)], trnI-GAU [complement(136456..137399)], ndhB [143803..144481]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136319..136356)], trnI-GAU [complement(136421..136455)], trnI-GAU [complement(137400..137436)], ndhB [143026..143802], ndhB [144482..145237]	
2657.	PASB	45	rps12 [complement(101645..101674)], rps12 [complement(102212..102442)], rps12 [complement(73399..73512)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4315..4351)], trnG-GCC [10183..10216], trnG-GCC [10899..10946], trnL-UAA [50280..50316], trnL-UAA [50838..50887], trnV-UAC [complement(54855..54886)], trnV-UAC [complement(55461..55499)], rps12 [complement(73399..73512)], rps12 [144766..144997], rps12 [145534..145559], trnI-GAU [106353..106394], trnI-GAU [107331..107365], trnA-UGC [107430..107467], trnA-UGC [108302..108336], trnA-UGC [complement(138872..138906)], trnA-UGC [complement(139741..139778)], trnI-GAU [complement(139843..139877)], trnI-GAU [complement(140814..140855)]	trnK-UUU [complement(1862..4314)], rps16 [complement(5427..6276)], trnG-GCC [10217..10898], atpF [complement(13330..14037)], rpoC1 [complement(23890..24624)], ycf3 [complement(45800..46542)], ycf3 [complement(46771..47501)], trnL-UAA [50317..50837], trnV-UAC [complement(54887..55460)], clpP [complement(73899..74538)], clpP [complement(74830..75640)], petB [78580..79351], petD [80208..80897], rpl16 [complement(85207..86207)], rpl2 [complement(88419..89071)], ndhB [complement(99363..100044)], trnI-GAU [106395..107330], trnA-UGC [107468..108301], ndhA [complement(124893..125954)], trnA-UGC [complement(138907..139740)], trnI-GAU [complement(139878..140813)], ndhB [147164..147845], rpl2 [158137..158789]
2658.	PASC	69	rps12 [complement(99703..99728)], rps12 [complement(100265..100496)], rps12 [complement(71326..71439)], trnK-UUU [complement(1544..1578)], trnK-UUU [complement(4131..4167)], rps16 [complement(4754..4983)], rps16 [complement(5819..5858)], trnG-UCC [9712..9734], trnG-UCC [10432..10478], atpF [complement(12466..12876)], atpF [complement(13589..13732)], rpoC1 [complement(21732..23348)], rpoC1 [complement(24126..24557)], ycf3 [complement(43563..43717)], ycf3 [complement(44471..44696)], ycf3 [complement(45441..45566)], trnL-UAA	trnK-UUU [complement(1579..4130)], rps16 [complement(4984..5818)], trnG-UCC [9735..10431], atpF [complement(12877..13588)], rpoC1 [complement(23349..24125)], ycf3 [complement(43718..44470)], ycf3 [complement(44697..45440)], trnL-UAA [48201..48717], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[48166..48200], trnL-UAA [48718..48767], trnV-UAC [complement(52606..52641)], trnV-UAC [complement(53225..53264)], rps12 [145906..146137], rps12 [146674..146699], clpP [complement(71578..71802)], clpP [complement(72423..72709)], clpP [complement(73519..73588)], petB [76495..76500], petB [77294..77935], petD [78139..78146], petD [78896..79370], rpl16 [complement(82923..83333)], rpl16 [complement(84411..84419)], rpl2 [complement(86137..86571)], rpl2 [complement(87255..87635)], ndhB [complement(96646..97401)], ndhB [complement(98081..98857)], trnI-GAU [104428..104464], trnI-GAU [105410..105444], trnA-UGC [105509..105546], trnA-UGC [106352..106386], ndhA [complement(125756..126295)], ndhA [complement(127371..127922)], trnA-UGC [complement(140016..140050)], trnA-UGC [complement(140856..140893)], trnI-GAU [complement(140958..140992)], trnI-GAU [complement(141938..141974)], ndhB [147545..148321], ndhB [149001..149756]</p>	<p>[complement(52642..53224)], clpP [complement(71803..72422)], clpP [complement(72710..73518)], petB [76501..77293], petD [78147..78895], rpl16 [complement(83334..84410)], rpl2 [complement(86572..87254)], ndhB [complement(97402..98080)], trnI-GAU [104465..105409], trnA-UGC [105547..106351], ndhA [complement(126296..127370)], trnA-UGC [complement(140051..140855)], trnI-GAU [complement(140993..141937)], ndhB [148322..149000]</p>
2659.	PASD	64	<p>rps12 [complement(99049..99074)], rps12 [complement(99610..99841)], rps12 [complement(72154..72267)], trnK-UUU [complement(1801..1835)], trnK-UUU [complement(4393..4429)], rps16 [complement(5015..5244)], rps16 [complement(6090..6129)], trnG-GCC [9994..10014], trnG-GCC [10712..10758], atpF [complement(12711..13121)], atpF [complement(13842..13985)], rpoC1 [complement(22001..23617)], rpoC1 [complement(24400..24831)], ycf3 [complement(44514..44666)], ycf3 [complement(45423..45652)], ycf3 [complement(46397..46520)], trnL-UAA [49155..49191], trnL-UAA [49717..49769], trnV-UAC [complement(53615..53651)], trnV-UAC [complement(54243..54281)], rps12 [138696..138927], rps12 [139463..139488], petB [75932..75937], petB [76701..77342], petD [77546..77553], petD [78333..78807], rpl16 [complement(82375..82773)], rpl16 [complement(83855..83863)], rpl2 [complement(85592..86025)], rpl2 [complement(86700..87090)], ndhB [complement(95971..96726)], ndhB [complement(97406..98182)], trnI-GAU [103815..103851], trnI-GAU [104797..104829], trnA-UGC [104896..104933], trnA-UGC [105744..105778], ndhA [complement(119471..120009)], ndhA</p>	<p>trnK-UUU [complement(1836..4392)], rps16 [complement(5245..6089)], trnG-GCC [10015..10711], atpF [complement(13122..13841)], rpoC1 [complement(23618..24399)], ycf3 [complement(44667..45422)], ycf3 [complement(45653..46396)], trnL-UAA [49192..49716], trnV-UAC [complement(53652..54242)], petB [75938..76700], petD [77554..78332], rpl16 [complement(82774..83854)], rpl2 [complement(86026..86699)], ndhB [complement(96727..97405)], trnI-GAU [103852..104796], trnA-UGC [104934..105743], ndhA [complement(120010..121097)], trnA-UGC [complement(132794..133603)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(121098..121650)], trnA-UGC [complement(132759..132793)], trnA-UGC [complement(133604..133641)], trnI-GAU [complement(133706..133740)], trnI-GAU [complement(134686..134722)], ndhB [140355..141131], ndhB [141811..142566]	[complement(133741..134685)], ndhB [141132..141810]
2660.	PASE	37	trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4258..4294)], rps12 [27988..28101], rps12 [132490..132721], rps12 [133258..133289], rps12 [complement(96587..96818)], rps12 [complement(96019..96050)], trnV-UAC [complement(44666..44700)], trnV-UAC [complement(45300..45338)], trnL-UAA [complement(51824..51873)], trnL-UAA [complement(52442..52478)], trnI-GAU [100725..100761], trnI-GAU [101716..101750], trnA-UGC [101815..101852], trnA-UGC [102653..102687], trnA-UGC [complement(126621..126655)], trnA-UGC [complement(127456..127493)], trnI-GAU [complement(127558..127592)], trnI-GAU [complement(128547..128583)]	trnK-UUU [complement(1731..4257)], rpoC1 [complement(21702..22452)], trnV-UAC [complement(44701..45299)], trnL-UAA [complement(51874..52441)], ycf3 [55006..55739], ycf3 [55968..56673], petB [77088..77903], petD [78746..79576], rpl16 [complement(84041..85108)], rpl2 [complement(87206..87916)], ndhB [complement(93712..94398)], trnI-GAU [100762..101715], trnA-UGC [101853..102652], ndhA [complement(118144..119228)], trnA-UGC [complement(126656..127455)], trnI-GAU [complement(127593..128546)], ndhB [134910..135596], rpl2 [141392..142102]
2661.	PASF	72	rps12 [complement(97844..97869)], rps12 [complement(98411..98636)], rps12 [complement(70075..70188)], trnK-UUU [complement(1717..1751)], trnK-UUU [complement(4200..4236)], rps16 [complement(4972..5204)], rps16 [complement(6017..6062)], trnG-GCC [9315..9348], trnG-GCC [10045..10092], atpF [complement(12088..12498)], atpF [complement(13195..13353)], rpoC1 [complement(21397..23013)], rpoC1 [complement(23720..24154)], ycf3 [complement(43363..43517)], ycf3 [complement(44281..44506)], ycf3 [complement(45228..45353)], trnL-UAA [48092..48128], trnL-UAA [48649..48697], trnV-UAC [complement(52376..52412)], trnV-UAC [complement(52986..53024)], rps12 [139054..139279], rps12 [139818..139846], clpP [complement(70357..70584)], clpP [complement(71242..71532)], clpP [complement(72204..72272)], petB [75196..75201], petB [75966..76616], petD [76826..76834], petD	trnK-UUU [complement(1752..4199)], rps16 [complement(5205..6016)], trnG-GCC [9349..10044], atpF [complement(12499..13194)], rpoC1 [complement(23014..23719)], ycf3 [complement(43518..44280)], ycf3 [complement(44507..45227)], trnL-UAA [48129..48648], trnV-UAC [complement(52413..52985)], clpP [complement(70585..71241)], clpP [complement(71533..72203)], petB [75202..75965], petD [76835..77528], rpl16 [complement(81858..82867)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77529..78002], rpl16 [complement(81459..81857)], rpl16 [complement(82868..82876)], rpl2 [complement(84637..85070)], rpl2 [complement(85736..86132)], ndhB [complement(94786..95541)], ndhB [complement(96224..97003)], trnI-GAU [102534..102575], trnI-GAU [103509..103543], trnA-UGC [103608..103645], trnA-UGC [104363..104397], ndhA [complement(119061..119600)], ndhA [complement(120612..121154)], trnA-UGC [complement(133293..133327)], trnA-UGC [complement(134045..134082)], trnI-GAU [complement(134147..134181)], trnI-GAU [complement(135115..135156)], ndhB [140687..141466], ndhB [142149..142904], rpl2 [151558..151954], rpl2 [152620..153053]	[complement(85071..85735)], ndhB [complement(95542..96223)], trnI-GAU [102576..103508], trnA-UGC [103646..104362], ndhA [complement(119601..120611)], trnA-UGC [complement(133328..134044)], trnI-GAU [complement(134182..135114)], ndhB [141467..142148], rpl2 [151955..152619]
2662.	PASI	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3905..3942)], rps12 [130378..130406]	trnK-UUU [complement(1416..3904)], rps16 [complement(4700..5537)], trnG-UCC [complement(13595..14292)], atpF [35016..35846], ycf3 [complement(44147..44879)], ycf3 [complement(45108..45915)], trnL-UAA [48809..49259], trnV-UAC [complement(52993..53599)], petB [73005..73757], petD [74604..75327], rpl16 [complement(79760..80880)], rpl2 [complement(83282..83944)], ndhB [complement(89913..90616)], trnI-GAU [96944..97889], trnA-UGC [98028..98837], ndhA [complement(114804..115826)], trnA-UGC [complement(123791..124600)], trnI-GAU [complement(124739..125684)], ndhB [132012..132715], rpl2 [138684..139346]
2663.	PASM	64	rps12 [complement(93132..93160)], rps12 [complement(93701..93932)], rps12 [complement(68052..68165)], trnK-UUU [complement(1376..1408)], trnK-UUU [complement(3881..3918)], rps16 [complement(4469..4686)], rps16 [complement(5520..5559)], trnG-UCC [complement(13284..13331)], trnG-UCC [complement(14019..14041)], atpF [34641..34799], atpF [35614..36021],	trnK-UUU [complement(1409..3880)], rps16 [complement(4687..5519)], trnG-UCC [complement(13332..14018)], atpF [34800..35613], ycf3 [complement(43995..44722)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>ycf3 [complement(43842..43994)], ycf3 [complement(44723..44950)], ycf3 [complement(45678..45809)], trnL-UAA [48568..48602], trnL-UAA [49146..49195], trnV-UAC [complement(52768..52804)], trnV-UAC [complement(53401..53439)], rps12 [130405..130636], rps12 [131177..131205], petB [71915..71920], petB [72652..73299], petD [73482..73489], petD [74210..74684], rpl16 [complement(78216..78617)], rpl16 [complement(79693..79701)], rpl2 [complement(81658..82089)], rpl2 [complement(82753..83142)], ndhB [complement(90059..90814)], ndhB [complement(91527..92303)], trnI-GAU [97768..97809], trnI-GAU [98756..98790], trnA-UGC [98856..98893], trnA-UGC [99704..99738], ndhA [complement(115104..115643)], ndhA [complement(116676..117224)], trnA-UGC [complement(124599..124633)], trnA-UGC [complement(125444..125481)], trnI-GAU [complement(125547..125581)], trnI-GAU [complement(126528..126569)], ndhB [132034..132810], ndhB [133523..134278], rpl2 [141195..141584], rpl2 [142248..142679]</p>	<p>[complement(44951..45677)], trnL-UAA [48603..49145], trnV-UAC [complement(52805..53400)], petB [71921..72651], petD [73490..74209], rpl16 [complement(78618..79692)], rpl2 [complement(82090..82752)], ndhB [complement(90815..91526)], trnI-GAU [97810..98755], trnA-UGC [98894..99703], ndhA [complement(115644..116675)], trnA-UGC [complement(124634..125443)], trnI-GAU [complement(125582..126527)], ndhB [132811..133522], rpl2 [141585..142247]</p>
2664.	PASO	25	<p>rps12 [139036..139061], clpP [complement(68931..69177)]</p>	<p>trnK-UUU [complement(1687..4149)], rps16 [complement(4888..5733)], trnG-UCC [9132..9813], atpF [complement(11842..12876)], rpoC1 [complement(22473..23140)], ycf3 [complement(42039..42764)], ycf3 [complement(42995..43732)], trnL-UAA [46283..46799], trnV-UAC [complement(51233..51810)], clpP [complement(69178..69784)], clpP [complement(70076..70853)], petB [73833..74557], petD [75399..76104], rpl16 [complement(80444..81444)], rpl2 [complement(83602..84260)], ndhB [complement(94574..95273)], trnI-GAU [101550..102255], trnA-UGC [102396..103193], ndhA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(119088..119996)], trnA-UGC [complement(132768..133568)], trnI-GAU [complement(133706..134411)], ndhB [140688..141387], rpl2 [151701..152359]
2665.	PASR	39	trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4255..4291)], rpoC1 [complement(19982..21616)], rpoC1 [complement(22363..22797)], rps12 [27892..28005], rps12 [140232..140463], rps12 [141000..141031], rps12 [complement(96525..96756)], rps12 [complement(95957..95988)], trnV-UAC [complement(44155..44189)], trnV-UAC [complement(44788..44826)], trnL-UAA [complement(51300..51349)], trnL-UAA [complement(51926..51960)], trnI-GAU [100664..100700], trnI-GAU [101655..101689], trnA [complement(101754..101791)], trnA [complement(102592..102626)], trnA-UGC [complement(134362..134396)], trnA-UGC [complement(135197..135234)], trnI-GAU [complement(135299..135333)], trnI-GAU [complement(136288..136324)]	trnK-UUU [complement(1731..4254)], rpoC1 [complement(21617..22362)], trnV-UAC [complement(44190..44787)], trnL-UAA [complement(51350..51925)], ycf3 [54515..55249], ycf3 [55478..56187], petB [76282..77099], petD [77948..78794], rpl16 [complement(83257..84382)], rpl2 [complement(86438..87148)], ndhB [complement(93650..94336)], trnI-GAU [100701..101654], trnA [complement(101792..102591)], ndhA [complement(122088..123167)], trnA-UGC [complement(134397..135196)], trnI-GAU [complement(135334..136287)], ndhB [142652..143338], rpl2 [149840..150550]
2666.	PASS	68	rps12 [complement(87742..87773)], rps12 [complement(88310..88541)], rps12 [complement(68422..68535)], rps12 [144623..144736], rps12 [124617..124848], rps12 [125385..125416], trnK-UUU [complement(1614..1642)], trnK-UUU [complement(4180..4216)], ycf3 [6267..6392], ycf3 [7119..7346], ycf3 [8041..8193], trnL-UAA [complement(45514..45563)], trnL-UAA [complement(46137..46171)], trnV-UAC [complement(64064..64098)], trnV-UAC [complement(64683..64721)], petB [72613..72618], petB [73441..74082], petD [74278..74285], petD [75018..75492], rpl16 [complement(79005..79469)], rpl16 [complement(80563..80571)], rpl2 [complement(82194..82628)], rpl2 [complement(83328..83723)], ndhB [complement(85103..85858)], ndhB [complement(86546..87319)], trnI-GAU [92206..92248], trnI-GAU [93197..93231], trnA-UGC [93296..93333], trnA-UGC [94133..94167], ndhA	trnK-UUU [complement(1643..4179)], ycf3 [6393..7118], ycf3 [7347..8040], trnL-UAA [complement(45564..46136)], trnV-UAC [complement(64099..64682)], petB [72619..73440], petD [74286..75017], rpl16 [complement(79470..80562)], rpl2 [complement(82629..83327)], ndhB [complement(85859..86545)], trnI-GAU [92249..93196], trnA-UGC [93334..94132], ndhA [complement(109826..110902)], trnA-UGC [complement(119026..119824)], trnI-GAU [complement(119962..120909)], ndhB [126613..127299], rpl2 [129831..130529],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(109286..109825)], ndhA [complement(110903..111454)], trnA-UGC [complement(118991..119025)], trnA-UGC [complement(119825..119862)], trnI-GAU [complement(119927..119961)], trnI-GAU [complement(120910..120952)], ndhB [125839..126612], ndhB [127300..128055], rpl2 [129435..129830], rpl2 [130530..130964], rpl16 [132587..132595], rpl16 [133689..134153], petD [complement(137666..138140)], petD [complement(138873..138880)], petB [complement(139076..139717)], petB [complement(140540..140545)], trnV-UAC [148437..148475], trnV-UAC [149060..149094]	rpl16 [132596..133688], petD [complement(138141..138872)], petB [complement(139718..140539)], trnV-UAC [148476..149059]
2667.	PAST	72	rps12 [complement(99012..99037)], rps12 [complement(99574..99805)], rps12 [complement(71679..71792)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4277..4313)], rps16 [complement(5166..5362)], rps16 [complement(6245..6284)], trnG-UCC [10122..10144], trnG-UCC [10843..10890], atpF [complement(12827..13297)], atpF [complement(13964..14122)], rpoC1 [complement(22098..23723)], rpoC1 [complement(24475..24927)], ycf3 [complement(44442..44594)], ycf3 [complement(45344..45571)], ycf3 [complement(46287..46412)], trnL-UAA [49363..49399], trnL-UAA [49905..49953], trnV-UAC [complement(53467..53503)], trnV-UAC [complement(54081..54119)], rps12 [142376..142607], rps12 [143144..143169], clpP [complement(71936..72163)], clpP [complement(72795..73085)], clpP [complement(73856..73924)], petB [76873..76878], petB [77655..78308], petD [78488..78495], petD [79246..79720], rpl16 [complement(83184..83582)], rpl16 [complement(84528..84536)], rpl2 [complement(86223..86657)], rpl2 [complement(87315..87707)], ndhB [complement(95983..96738)], ndhB [complement(97417..98193)], trnI-GAU [103725..103766], trnI-GAU [104707..104741], trnA-UGC [104806..104843], trnA-UGC [105652..105686], ndhA [complement(121924..122463)], ndhA [complement(123541..124092)], trnA-UGC [complement(136495..136529)], trnA-UGC [complement(137338..137375)], trnI-GAU [complement(137440..137474)], trnI-GAU [complement(138415..138456)], ndhB [143988..144764], ndhB [145443..146198], rpl2 [154474..154866], rpl2 [155524..155958]	trnK-UUU [complement(1788..4276)], rps16 [complement(5363..6244)], trnG-UCC [10145..10842], atpF [complement(13298..13963)], rpoC1 [complement(23724..24474)], ycf3 [complement(44595..45343)], ycf3 [complement(45572..46286)], trnL-UAA [49400..49904], trnV-UAC [complement(53504..54080)], clpP [complement(72164..72794)], clpP [complement(73086..73855)], petB [76879..77654], petD [78496..79245], rpl16 [complement(83583..84527)], rpl2 [complement(86658..87314)], ndhB [complement(96739..97416)], trnI-GAU [103767..104706], trnA-UGC [104844..105651], ndhA [complement(122464..123540)], trnA-UGC [complement(136530..137337)], trnI-GAU [complement(137475..138414)], ndhB [144765..145442], rpl2 [154867..155523]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2668.	PASU	64	rps12 [complement(91329..91357)], rps12 [complement(91898..92129)], rps12 [complement(68251..68364)], trnK-UUU [complement(1389..1423)], trnK-UUU [complement(3885..3921)], rps16 [complement(4465..4682)], rps16 [complement(5517..5556)], trnG-UCC [complement(12811..12858)], trnG-UCC [complement(13542..13564)], atpF [34060..34204], atpF [35036..35442], ycf3 [complement(43230..43390)], ycf3 [complement(44124..44349)], ycf3 [complement(45107..45232)], trnL-UAA [47968..48002], trnL-UAA [48544..48593], trnV-UAC [complement(51832..51868)], trnV-UAC [complement(52468..52506)], rps12 [128611..128842], rps12 [129383..129411], petB [72111..72116], petB [72874..73515], petD [73704..73711], petD [74452..74926], rpl16 [complement(78484..78885)], rpl16 [complement(79961..79969)], rpl2 [complement(81929..82359)], rpl2 [complement(83023..83413)], ndhB [complement(88258..89013)], ndhB [complement(89724..90500)], trnI-GAU [95937..95973], trnI-GAU [96925..96959], trnA-UGC [97025..97062], trnA-UGC [97873..97907], ndhA [complement(113380..113918)], ndhA [complement(114939..115479)], trnA-UGC [complement(122833..122867)], trnA-UGC [complement(123678..123715)], trnI-GAU [complement(123781..123815)], trnI-GAU [complement(124767..124803)], ndhB [130240..131016], ndhB [131727..132482], rpl2 [137327..137717], rpl2 [138381..138811]	trnK-UUU [complement(1424..3884)], rps16 [complement(4683..5516)], trnG-UCC [complement(12859..13541)], atpF [34205..35035], ycf3 [complement(43391..44123)], ycf3 [complement(44350..45106)], trnL-UAA [48003..48543], trnV-UAC [complement(51869..52467)], petB [72117..72873], petD [73712..74451], rpl16 [complement(78886..79960)], rpl2 [complement(82360..83022)], ndhB [complement(89014..89723)], trnI-GAU [95974..96924], trnA-UGC [97063..97872], ndhA [complement(113919..114938)], trnA-UGC [complement(122868..123677)], trnI-GAU [complement(123816..124766)], ndhB [131017..131726], rpl2 [137718..138380]
2669.	PATA	72	rps12 [complement(98766..98791)], rps12 [complement(99328..99559)], rps12 [complement(71135..71248)], trnK-UUU [complement(1814..1848)], trnK-UUU [complement(4368..4404)], rps16 [complement(5295..5521)], rps16 [complement(6386..6425)], trnG-UCC [9382..9404], trnG-UCC [10089..10136], atpF [complement(12099..12509)], atpF [complement(13218..13361)], rpoC1 [complement(21167..22771)], rpoC1 [complement(23538..23972)], ycf3 [complement(43027..43179)], ycf3 [complement(43923..44152)], ycf3 [complement(44866..44989)], trnL-UAA [47952..47986], trnL-UAA [48478..48527], trnV-UAC [complement(52496..52530)], trnV-UAC [complement(53112..53149)], rps12 [140444..140675], rps12 [141212..141237], clpP [complement(71382..71609)], clpP [complement(72252..72543)], clpP [complement(73276..73346)], petB	trnK-UUU [complement(1849..4367)], rps16 [complement(5522..6385)], trnG-UCC [9405..10088], atpF [complement(12510..13217)], rpoC1 [complement(22772..23537)], ycf3 [complement(43180..43922)], ycf3 [complement(44153..44865)], trnL-UAA [47987..48477], trnV-UAC [complement(52531..53111)], clpP [complement(71610..72251)], clpP [complement(72544..73275)], petB [76270..76997], petD [77847..78579], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76264..76269], petB [76998..77639], petD [77839..77846], petD [78580..79054], rpl16 [complement(82481..82879)], rpl16 [complement(83781..83789)], rpl2 [complement(85457..85890)], rpl2 [complement(86558..86948)], ndhB [complement(95759..96514)], ndhB [complement(97194..97970)], trnI-GAU [103245..103281], trnI-GAU [104231..104265], trnA-UGC [104330..104367], trnA-UGC [105177..105211], ndhA [complement(120226..120767)], ndhA [complement(121856..122408)], trnA-UGC [complement(134792..134826)], trnA-UGC [complement(135636..135673)], trnI-GAU [complement(135738..135772)], trnI-GAU [complement(136722..136758)], ndhB [142033..142809], ndhB [143489..144244], rpl2 [153055..153445], rpl2 [154113..154546]	[complement(82880..83780)], rpl2 [complement(85891..86557)], ndhB [complement(96515..97193)], trnI-GAU [103282..104230], trnA-UGC [104368..105176], ndhA [complement(120768..121855)], trnA-UGC [complement(134827..135635)], trnI-GAU [complement(135773..136721)], ndhB [142810..143488], rpl2 [153446..154112]
2670.	PATC	73	rps12 [complement(101435..101460)], rps12 [complement(102007..102235)], rps12 [complement(72979..73092)], trnK-UUU [complement(1529..1563)], trnK-UUU [complement(4204..4240)], rps16 [complement(4799..5010)], rps16 [complement(5871..5910)], trnG-UCC [9361..9383], trnG-UCC [10146..10193], atpF [complement(12149..12559)], atpF [complement(13330..13473)], rpoC1 [complement(21224..22850)], rpoC1 [complement(23567..23994)], ycf3 [complement(43753..43911)], ycf3 [complement(44657..44884)], ycf3 [complement(45593..45724)], trnL-UAA [49127..49161], trnL-UAA [49682..49731], trnV-UAC [complement(54035..54071)], trnV-UAC [complement(54665..54703)], rps12 [complement(72979..73092)], rps12 [144575..144803], rps12 [145350..145375], clpP [complement(73241..73492)], clpP [complement(74164..74454)], clpP [complement(75334..75402)], petB [78317..78322], petB [79106..79747], petD [79956..79961], petD [80721..81236], rpl16 [complement(84780..85181)], rpl16 [complement(86149..86157)], rpl2 [complement(87991..88421)], rpl2 [complement(89134..89524)], ndhB [complement(98340..99095)], ndhB [complement(99803..100579)], trnI-GAU [106241..106282], trnI-GAU [107219..107253], trnA-UGC [107318..107355], trnA-UGC [108159..108193], ndhA [120605..121156], ndhA [122201..122740], trnA-UGC [complement(138617..138651)], trnA-UGC [complement(139455..139492)],	trnK-UUU [complement(1564..4203)], rps16 [complement(5011..5870)], trnG-UCC [9384..10145], atpF [complement(12560..13329)], rpoC1 [complement(22851..23566)], ycf3 [complement(43912..44656)], ycf3 [complement(44885..45592)], trnL-UAA [49162..49681], trnV-UAC [complement(54072..54664)], clpP [complement(73493..74163)], clpP [complement(74455..75333)], petB [78323..79105], petD [79962..80720], rpl16 [complement(85182..86148)], rpl2 [complement(88422..89133)], ndhB [complement(99096..99802)], trnI-GAU [106283..107218], trnA-UGC [107356..108158], ndhA [121157..122200], trnA-UGC [complement(138652..139454)], trnI-GAU [complement(139592..140527)], ndhB [147008..147714], rpl2 [157677..158388]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139557..139591)], trnI-GAU [complement(140528..140569)], ndhB [146231..147007], ndhB [147715..148470], rpl2 [157286..157676], rpl2 [158389..158819]	
2671.	PATE	26	rps12 [complement(73747..73860)], rps12 [145417..145442], clpP [complement(74017..74263)]	trnK-UUU [complement(1862..4345)], rps16 [complement(5476..6321)], trnG-UCC [9669..10395], atpF [complement(12531..13603)], rpoC1 [complement(23353..24078)], ycf3 [complement(45212..45951)], ycf3 [complement(46182..46902)], trnL-UAA [50059..50564], trnV-UAC [complement(54745..55329)], clpP [complement(74264..74934)], clpP [complement(75226..76036)], petB [79027..79797], petD [80641..81345], rpl16 [complement(85696..86686)], rpl2 [complement(88866..89535)], ndhB [complement(99170..99869)], trnI-GAU [106236..107181], trnA-UGC [107319..108122], ndhA [complement(124624..125684)], trnA-UGC [complement(138805..139608)], trnI-GAU [complement(139746..140691)], ndhB [147058..147757], rpl2 [157392..158061]
2672.	PATH	70	rps12 [complement(98516..98542)], rps12 [complement(99084..99314)], rps12 [complement(70184..70297)], trnK-UUU [complement(1398..1426)], trnK-UUU [complement(4036..4072)], rps16 [complement(4816..5027)], rps16 [complement(5778..5817)], trnG-GCC [9374..9397], trnG-GCC [10098..10134], atpF [complement(12077..12487)], atpF [complement(13251..13442)], rpoC1 [complement(20980..22622)], rpoC1 [complement(23342..23771)], ycf3 [complement(42537..42695)], ycf3 [complement(43442..43669)], ycf3 [complement(44394..44519)], trnL-UAA	trnK-UUU [complement(1427..4035)], rps16 [complement(5028..5777)], trnG-GCC [9398..10097], atpF [complement(12488..13250)], rpoC1 [complement(22623..23341)], ycf3 [complement(42696..43441)], ycf3 [complement(43670..44393)], trnL-UAA [47291..47866], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47256..47290], trnL-UAA [47867..47916], trnV-UAC [complement(52125..52161)], trnV-UAC [complement(52757..52795)], clpP [complement(70463..70705)], clpP [complement(71325..71615)], clpP [complement(72394..72462)], petB [75388..75393], petB [76191..76847], petD [77045..77052], petD [77788..78268], rpl16 [complement(81778..82176)], rpl16 [complement(83195..83203)], rpl2 [complement(85078..85508)], rpl2 [complement(86173..86557)], ndhB [complement(95443..96198)], ndhB [complement(96894..97670)], trnI-GAU [103284..103325], trnI-GAU [104266..104300], trnA-UGC [104360..104397], trnA-UGC [105199..105233], ndhA [complement(126388..126918)], ndhA [complement(127980..128531)], trnA-UGC [complement(141486..141520)], trnA-UGC [complement(142322..142359)], trnI-GAU [complement(142419..142453)], trnI-GAU [complement(143394..143435)], ndhB [149049..149825], ndhB [150521..151276], rpl2 [160162..160548], rpl2 [161210..161641]	[complement(52162..52756)], clpP [complement(70706..71324)], clpP [complement(71616..72393)], petB [75394..76190], petD [77053..77787], rpl16 [complement(82177..83194)], rpl2 [complement(85509..86172)], ndhB [complement(96199..96893)], trnI-GAU [103326..104265], trnA-UGC [104398..105198], ndhA [complement(126919..127979)], trnA-UGC [complement(141521..142321)], trnI-GAU [complement(142454..143393)], ndhB [149826..150520], rpl2 [160549..161209]
2673.	PATI	64	rps12 [complement(97517..97542)], rps12 [complement(98080..98311)], rps12 [complement(70321..70434)], trnK-UUU [complement(1804..1838)], trnK-UUU [complement(4408..4444)], trnG-GCC [8514..8536], trnG-GCC [9431..9479], atpF [complement(11940..12370)], atpF [complement(13130..13253)], rpoC1 [complement(20772..22370)], rpoC1 [complement(23149..23583)], ycf3 [complement(44175..44327)], ycf3 [complement(45109..45338)], ycf3 [complement(46107..46233)], trnL-UAA [49318..49354], trnL-UAA [49959..50008], trnV-UAC [complement(52959..52994)], trnV-UAC [complement(53673..53711)], clpP [complement(70627..70857)], clpP [complement(71561..71852)], clpP [complement(72682..72752)], petB [75679..75683], petB [76485..77127], petD [77336..77343], petD [78167..78641], rpl2 [complement(84564..85036)], rpl2 [complement(85678..86071)], ndhB [complement(94454..95209)], ndhB [complement(95889..96665)], trnI-GAU [102164..102205], trnI-GAU [103151..103185], trnA-UGC [103250..103287], trnA-UGC [104092..104126], ndhA [complement(119171..119709)], ndhA [complement(120890..121445)], trnA-UGC [complement(133602..133636)], trnA-UGC [complement(134441..134478)], trnI-GAU [complement(134543..134577)],	trnK-UUU [complement(1839..4407)], trnG-GCC [8537..9430], atpF [complement(12371..13129)], rpoC1 [complement(22371..23148)], ycf3 [complement(44328..45108)], ycf3 [complement(45339..46106)], trnL-UAA [49355..49958], trnV-UAC [complement(52995..53672)], clpP [complement(70858..71560)], clpP [complement(71853..72681)], petB [75684..76484], petD [77344..78166], rpl2 [complement(85037..85677)], ndhB [complement(95210..95888)], trnI-GAU [102206..103150], trnA-UGC [103288..104091], ndhA [complement(119710..120889)], trnA-UGC [complement(133637..134440)], trnI-GAU [complement(134578..135522)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(135523..135564)], ndhB [141063..141839], ndhB [142519..143274], rpl2 [151657..152047], rpl2 [152692..153164]	[141840..142518], rpl2 [152048..152691]
2674.	PATN	68	rps12 [complement(90310..90341)], rps12 [complement(90878..91109)], rps12 [complement(71094..71207)], rps12 [147146..147259], rps12 [127244..127475], rps12 [128012..128043], trnK-UUU [complement(1613..1641)], trnK-UUU [complement(4170..4206)], ycf3 [7192..7317], ycf3 [8042..8269], ycf3 [8962..9114], trnL-UAA [complement(46266..46315)], trnL-UAA [complement(46880..46916)], trnV-UAC [complement(66790..66824)], trnV-UAC [complement(67409..67447)], petB [75369..75374], petB [76197..76838], petD [77034..77041], petD [77774..78248], rpl16 [complement(81585..82049)], rpl16 [complement(83143..83151)], rpl2 [complement(84773..85207)], rpl2 [complement(85925..86320)], ndhB [complement(87671..88426)], ndhB [complement(89114..89887)], trnI-GAU [94874..94915], trnI-GAU [95865..95899], trnA-UGC [95964..96001], trnA-UGC [96801..96835], ndhA [complement(111890..112429)], ndhA [complement(113509..114060)], trnA-UGC [complement(121518..121552)], trnA-UGC [complement(122352..122389)], trnI-GAU [complement(122454..122488)], trnI-GAU [complement(123438..123479)], ndhB [128466..129239], ndhB [129927..130682], rpl2 [132033..132428], rpl2 [133146..133580], rpl16 [135202..135210], rpl16 [136304..136768], petD [complement(140105..140579)], petD [complement(141312..141319)], petB [complement(141515..142156)], petB [complement(142979..142984)], trnV-UAC [150906..150944], trnV-UAC [151529..151563]	trnK-UUU [complement(1642..4169)], ycf3 [7318..8041], ycf3 [8270..8961], trnL-UAA [complement(46316..46879)], trnV-UAC [complement(66825..67408)], petB [75375..76196], petD [77042..77773], rpl16 [complement(82050..83142)], rpl2 [complement(85208..85924)], ndhB [complement(88427..89113)], trnI-GAU [94916..95864], trnA-UGC [96002..96800], ndhA [complement(112430..113508)], trnA-UGC [complement(121553..122351)], trnI-GAU [complement(122489..123437)], ndhB [129240..129926], rpl2 [132429..133145], rpl16 [135211..136303], petD [complement(140580..141311)], petB [complement(142157..142978)], trnV-UAC [150945..151528]
2675.	PATO	4	rps12 [complement(98657..98682)], rps12 [complement(99219..99450)], rps12 [140327..140558], rps12 [141095..141120]	-
2676.	PATR	72	rps12 [complement(99223..99247)], rps12 [complement(99784..100016)], rps12 [complement(71827..71940)], trnK-UUU [complement(1755..1789)], trnK-UUU [complement(4303..4339)], rps16 [complement(5210..5404)], rps16 [complement(6289..6327)], trnG-UCC [10179..10201], trnG-UCC [10900..10947], atpF [complement(12866..13275)], atpF [complement(14001..14145)], rpoC1 [complement(22101..23717)], rpoC1	trnK-UUU [complement(1790..4302)], rps16 [complement(5405..6288)], trnG-UCC [10202..10899], atpF [complement(13276..14000)], rpoC1 [complement(23718..24480)], ycf3 [complement(44900..45654)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(24481..24933)], ycf3 [complement(44747..44899)], ycf3 [complement(45655..45882)], ycf3 [complement(46599..46724)], trnL-UAA [49676..49712], trnL-UAA [50218..50266], trnV-UAC [complement(53720..53756)], trnV-UAC [complement(54335..54373)], rps12 [142464..142695], rps12 [143232..143257], clpP [complement(72084..72311)], clpP [complement(72951..73241)], clpP [complement(74007..74075)], petB [77036..77041], petB [77826..78467], petD [78647..78654], petD [79406..79880], rpl16 [complement(83352..83750)], rpl16 [complement(84695..84703)], rpl2 [complement(86422..86856)], rpl2 [complement(87514..87906)], ndhB [complement(96194..96949)], ndhB [complement(97628..98404)], trnI-GAU [103926..103967], trnI-GAU [104910..104944], trnA-UGC [105009..105046], trnA-UGC [105854..105888], ndhA [complement(122087..122626)], ndhA [complement(123703..124254)], trnA-UGC [complement(136592..136626)], trnA-UGC [complement(137434..137471)], trnI-GAU [complement(137536..137570)], trnI-GAU [complement(138513..138554)], ndhB [144076..144852], ndhB [145531..146286], rpl2 [154574..154966], rpl2 [155624..156058]	[complement(45883..46598)], trnL-UAA [49713..50217], trnV-UAC [complement(53757..54334)], clpP [complement(72312..72950)], clpP [complement(73242..74006)], petB [77042..77825], petD [78655..79405], rpl16 [complement(83751..84694)], rpl2 [complement(86857..87513)], ndhB [complement(96950..97627)], trnI-GAU [103968..104909], trnA-UGC [105047..105853], ndhA [complement(122627..123702)], trnA-UGC [complement(136627..137433)], trnI-GAU [complement(137571..138512)], ndhB [144853..145530], rpl2 [154967..155623]
2677.	PATT	60	trnK-UUU [complement(1620..1648)], trnK-UUU [complement(4172..4208)], rpoC1 [complement(18888..20522)], rpoC1 [complement(21276..21707)], ycf3 [complement(41864..42016)], ycf3 [complement(42711..42938)], ycf3 [complement(43666..43791)], trnL-UAA [46159..46195], trnL-UAA [46738..46787], trnV-UAC [53232..53270], trnV-UAC [53870..53904], clpP [56228..56298], clpP [57143..57434], clpP [58094..58405], rps12 [58589..58702], rps12 [146891..147122], rps12 [147659..147690], rps12 [complement(98576..98807)], rps12 [complement(98008..98039)], petB [75088..75093], petB [75900..76541], petD [76742..76749], petD [77562..78036], rpl16 [complement(81557..81955)], rpl16 [complement(83016..83024)], rpl2 [complement(84597..85031)], rpl2 [complement(85753..86151)], ndhB [complement(94945..95700)], ndhB [complement(96388..97161)], trnI-GAU [102712..102753], trnI-GAU [103567..103601], trnA-UGC [103666..103703], trnA-UGC [104503..104537], ndhA [complement(125915..126454)], ndhA [complement(127526..128077)],	trnK-UUU [complement(1649..4171)], rpoC1 [complement(20523..21275)], ycf3 [complement(42017..42710)], ycf3 [complement(42939..43665)], trnL-UAA [46196..46737], trnV-UAC [53271..53869], clpP [56299..57142], clpP [57435..58093], petB [75094..75899], petD [76750..77561], rpl16 [complement(81956..83015)], rpl2 [complement(85032..85752)], ndhB [complement(95701..96387)], trnI-GAU [102754..103566], trnA-UGC [103704..104502], ndhA [complement(126455..127525)], trnA-UGC [complement(141196..141994)], trnI-GAU [complement(142132..142944)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(141161..141195)], trnA-UGC [complement(141995..142032)], trnI-GAU [complement(142097..142131)], trnI-GAU [complement(142945..142986)], ndhB [148537..149310], ndhB [149998..150753]	[149311..149997]
2678.	PAUR	56	rps12 [complement(103283..103308)], rps12 [complement(103850..104081)], rps12 [complement(74164..74277)], trnK-UUU [complement(1819..1853)], trnK-UUU [complement(4398..4434)], trnG-GCC [8280..8302], trnG-GCC [9037..9082], atpF [complement(11760..12170)], atpF [complement(12971..13114)], rpoC1 [complement(21292..22902)], rpoC1 [complement(23684..24115)], ycf3 [complement(45483..45635)], ycf3 [complement(46349..46576)], ycf3 [complement(47313..47438)], trnL-UAA [49774..49810], trnL-UAA [50369..50417], trnV-UAC [complement(54550..54586)], trnV-UAC [complement(55194..55232)], rps12 [complement(74164..74277)], rps12 [147789..148020], rps12 [148562..148587], clpP [complement(74449..74674)], clpP [complement(75299..75591)], clpP [complement(76456..76524)], petB [79497..79502], petB [80335..80976], petD [81171..81178], petD [81988..82462], rpl16 [complement(86219..86617)], rpl16 [complement(87684..87692)], rpl2 [complement(89532..89966)], rpl2 [complement(90642..91040)], ndhB [complement(100223..100978)], ndhB [complement(101667..102443)], trnI-GAU [108078..108119], trnI-GAU [109067..109101], trnA-UGC [109166..109203], trnA-UGC [110012..110046], ndhA [complement(126862..127401)], ndhA [complement(128526..129095)], trnA-UGC [complement(141824..141858)], trnA-UGC [complement(142667..142704)], trnI-GAU [complement(142769..142803)], trnI-GAU [complement(143751..143792)], ndhB [149427..150203], ndhB [150892..151647], rpl2 [160830..161228], rpl2 [161904..162338]	trnG-GCC [8303..9036], trnL-UAA [49811..50368], trnV-UAC [complement(54587..55193)], clpP [complement(74675..75298)], clpP [complement(75592..76455)], trnI-GAU [108120..109066], trnI-GAU [complement(142804..143750)], rpl2 [161229..161903]
2679.	PAUS	36	rps12 [complement(56003..56034)], rps12 [complement(56618..56849)], rps12 [complement(30773..30886)], trnG-UCC [194..216], trnG-UCC [1029..1076], rpoC1 [complement(7339..9192)], rpoC1 [complement(9892..10317)], trnL-UAA [20287..20321], trnL-UAA [20725..20775], trnV-UAC [complement(21810..21844)], trnV-UAC	trnG-UCC [217..1028], rpoC1 [complement(9193..9891)], trnL-UAA [20322..20724], trnV-UAC [complement(21845..22383)], rpl16 [complement(36272..37227)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22384..22422)], rpl16 [complement(35861..36271)], rpl16 [complement(37228..37236)], rpl2 [complement(38872..39302)], rpl2 [complement(40009..40405)], trnK-UUU [42301..42337], trnK-UUU [44807..44841], trnI-GAU [59692..59728], trnI-GAU [60445..60479], trnA-UGC [60560..60597], trnA-UGC [61427..61461], trnK-UUU [complement(78609..78643)], trnK-UUU [complement(81113..81149)], rpl2 [83045..83441], rpl2 [84148..84578]	[complement(39303..40008)], trnK-UUU [42338..44806], trnI-GAU [59729..60444], trnA-UGC [60598..61426], trnK-UUU [complement(78644..81112)], rpl2 [83442..84147]
2680.	PAVA	64	rps12 [complement(92223..92251)], rps12 [complement(92792..93023)], rps12 [complement(69227..69340)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3885..3922)], rps16 [complement(4471..4688)], rps16 [complement(5551..5590)], trnG-UCC [complement(13342..13389)], trnG-UCC [complement(14082..14104)], atpF [34915..35073], atpF [35888..36295], ycf3 [complement(44119..44271)], ycf3 [complement(45000..45227)], ycf3 [complement(45970..46101)], trnL-UAA [48881..48915], trnL-UAA [49459..49508], trnV-UAC [complement(53088..53124)], trnV-UAC [complement(53721..53759)], rps12 [129694..129925], rps12 [130466..130494], petB [73087..73092], petB [73833..74480], petD [74663..74670], petD [75391..75865], rpl16 [complement(79398..79799)], rpl16 [complement(80878..80886)], rpl2 [complement(82842..83273)], rpl2 [complement(83937..84323)], ndhB [complement(89150..89905)], ndhB [complement(90618..91394)], trnI-GAU [96879..96920], trnI-GAU [97867..97901], trnA-UGC [97967..98004], trnA-UGC [98815..98849], ndhA [complement(114372..114911)], ndhA [complement(115944..116492)], trnA-UGC [complement(123868..123902)], trnA-UGC [complement(124713..124750)], trnI-GAU [complement(124816..124850)], trnI-GAU [complement(125797..125838)], ndhB [131323..132099], ndhB [132812..133567], rpl2 [138394..138780], rpl2 [139444..139875]	trnK-UUU [complement(1414..3884)], rps16 [complement(4689..5550)], trnG-UCC [complement(13390..14081)], atpF [35074..35887], ycf3 [complement(44272..44999)], ycf3 [complement(45228..45969)], trnL-UAA [48916..49458], trnV-UAC [complement(53125..53720)], petB [73093..73832], petD [74671..75390], rpl16 [complement(79800..80877)], rpl2 [complement(83274..83936)], ndhB [complement(89906..90617)], trnI-GAU [96921..97866], trnA-UGC [98005..98814], ndhA [complement(114912..115943)], trnA-UGC [complement(123903..124712)], trnI-GAU [complement(124851..125796)], ndhB [132100..132811], rpl2 [138781..139443]
2681.	PAVC	1	rps12 [139381..139406]	-
2682.	PAVE	72	rps12 [complement(98026..98051)], rps12 [complement(98593..98824)], rps12 [complement(68981..69094)], trnK-UUU [complement(1400..1434)], trnK-UUU [complement(4041..4077)], rps16 [complement(4810..5019)], rps16 [complement(5773..5814)], trnG-UCC [9318..9341], trnG-UCC	trnK-UUU [complement(1435..4040)], rps16 [complement(5020..5772)], trnG-UCC [9342..10015], atpF [complement(12403..13186)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10016..10063], atpF [complement(11992..12402)], atpF [complement(13187..13330)], rpoC1 [complement(20869..22512)], rpoC1 [complement(23219..23653)], ycf3 [complement(42047..42205)], ycf3 [complement(42934..43161)], ycf3 [complement(43892..44017)], trnL-UAA [46728..46762], trnL-UAA [47308..47357], trnV-UAC [complement(50866..50902)], trnV-UAC [complement(51505..51543)], rps12 [141282..141513], rps12 [142055..142080], clpP [complement(69252..69482)], clpP [complement(70120..70410)], clpP [complement(71182..71250)], petB [74178..74183], petB [74998..75639], petD [75812..75817], petD [76571..77047], rpl16 [complement(80524..80925)], rpl16 [complement(81907..81915)], rpl2 [complement(83802..84233)], rpl2 [complement(84909..85298)], ndhB [complement(94953..95708)], ndhB [complement(96404..97180)], trnI-GAU [102788..102829], trnI-GAU [103765..103799], trnA-UGC [103859..103896], trnA-UGC [104698..104732], ndhA [complement(120551..121090)], ndhA [complement(122151..122702)], trnA-UGC [complement(135374..135408)], trnA-UGC [complement(136210..136247)], trnI-GAU [complement(136307..136341)], trnI-GAU [complement(137277..137318)], ndhB [142926..143702], ndhB [144398..145153], rpl2 [154808..155200], rpl2 [155873..156304]</p>	<p>[complement(22513..23218)], ycf3 [complement(42206..42933)], ycf3 [complement(43162..43891)], trnL-UAA [46763..47307], trnV-UAC [complement(50903..51504)], clpP [complement(69483..70119)], clpP [complement(70411..71181)], petB [74184..74997], petD [75818..76570], rpl16 [complement(80926..81906)], rpl2 [complement(84234..84908)], ndhB [complement(95709..96403)], trnI-GAU [102830..103764], trnA-UGC [103897..104697], ndhA [complement(121091..122150)], trnA-UGC [complement(135409..136209)], trnI-GAU [complement(136342..137276)], ndhB [143703..144397], rpl2 [155201..155872]</p>
2683.	PAVF	37	<p>trnK-UUU [complement(1691..1725)], trnK-UUU [complement(4257..4293)], rps12 [27814..27927], rps12 [134954..135185], rps12 [135722..135747], rps12 [complement(94567..94798)], rps12 [complement(94005..94030)], trnV-UAC [complement(44067..44101)], trnV-UAC [complement(44700..44738)], trnL-UAA [complement(51268..51317)], trnL-UAA [complement(51888..51922)], trnI-GAU [98716..98752], trnI-GAU [99707..99741], trnA-UGC [99806..99843], trnA-UGC [100644..100678], trnA-UGC [complement(129074..129108)], trnA-UGC [complement(129909..129946)], trnI-GAU [complement(130011..130045)], trnI-GAU [complement(131001..131036)]</p>	<p>trnK-UUU [complement(1726..4256)], rpoC1 [complement(21561..22309)], trnV-UAC [complement(44102..44699)], trnL-UAA [complement(51318..51887)], ycf3 [54477..55209], ycf3 [55438..56123], petB [76813..77629], petD [78472..79304], rpl16 [complement(83739..84820)], rpl2 [complement(86863..87573)], ndhB [complement(91698..92384)], trnI-GAU [98753..99706], trnA-UGC [99844..100643], ndhA [complement(118458..119536)], trnA-UGC [complement(129109..129908)], trnI-GAU [complement(130046..131000)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[137368..138054], rpl2 [142179..142889]
2684.	PAVI	37	trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3889..3926)], trnG-UCC [complement(12958..13005)], trnG-UCC [complement(13689..13711)], trnL-UAA [48251..48285], trnL-UAA [48826..48875], trnV-UAC [complement(52439..52475)], trnV-UAC [complement(53076..53114)], rps12 [129625..129653], trnI-GAU [96229..96270], trnI-GAU [97217..97251], trnA-UGC [97317..97354], trnA-UGC [98165..98199], trnA-UGC [complement(123080..123114)], trnA-UGC [complement(123925..123962)], trnI-GAU [complement(124028..124062)], trnI-GAU [complement(125009..125050)]	trnK-UUU [complement(1411..3888)], rps16 [complement(4678..5515)], trnG-UCC [complement(13006..13688)], atpF [34576..35392], ycf3 [complement(43753..44481)], ycf3 [complement(44710..45449)], trnL-UAA [48286..48825], trnV-UAC [complement(52476..53075)], petB [72455..73213], petD [74058..74797], rpl16 [complement(79226..80305)], rpl2 [complement(82669..83328)], ndhB [complement(89321..90030)], trnI-GAU [96271..97216], trnA-UGC [97355..98164], ndhA [complement(114188..115198)], trnA-UGC [complement(123115..123924)], trnI-GAU [complement(124063..125008)], ndhB [131249..131958], rpl2 [137951..138610]
2685.	PAVL	69	rps12 [complement(99732..99757)], rps12 [complement(100294..100525)], rps12 [complement(71324..71437)], trnK-UUU [complement(1541..1575)], trnK-UUU [complement(4128..4164)], rps16 [complement(4754..4983)], rps16 [complement(5819..5858)], trnG-UCC [9709..9731], trnG-UCC [10429..10475], atpF [complement(12464..12874)], atpF [complement(13587..13730)], rpoC1 [complement(21721..23337)], rpoC1 [complement(24116..24547)], ycf3 [complement(43542..43696)], ycf3 [complement(44450..44675)], ycf3 [complement(45420..45545)], trnL-UAA [48137..48171], trnL-UAA [48689..48738], trnV-UAC [complement(52577..52612)], trnV-UAC [complement(53196..53235)], rps12 [145935..146166], rps12 [146703..146728], clpP [complement(71576..71800)], clpP [complement(72422..72708)], clpP [complement(73518..73587)], petB [76495..76500], petB [77294..77935], petD [78139..78146], petD [78896..79370], rpl16 [complement(82931..83341)], rpl16	trnK-UUU [complement(1576..4127)], rps16 [complement(4984..5818)], trnG-UCC [9732..10428], atpF [complement(12875..13586)], rpoC1 [complement(23338..24115)], ycf3 [complement(43697..44449)], ycf3 [complement(44676..45419)], trnL-UAA [48172..48688], trnV-UAC [complement(52613..53195)], clpP [complement(71801..72421)], clpP [complement(72709..73517)], petB [76501..77293], petD [78147..78895], rpl16 [complement(83342..84418)], rpl2 [complement(86580..87262)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84419..84427)], rpl2 [complement(86145..86579)], rpl2 [complement(87263..87643)], ndhB [complement(96675..97430)], ndhB [complement(98110..98886)], trnI-GAU [104457..104493], trnI-GAU [105439..105473], trnA-UGC [105538..105575], trnA-UGC [106381..106415], ndhA [complement(125785..126324)], ndhA [complement(127400..127951)], trnA-UGC [complement(140045..140079)], trnA-UGC [complement(140885..140922)], trnI-GAU [complement(140987..141021)], trnI-GAU [complement(141967..142003)], ndhB [147574..148350], ndhB [149030..149785]	[complement(97431..98109)], trnI-GAU [104494..105438], trnA-UGC [105576..106380], ndhA [complement(126325..127399)], trnA-UGC [complement(140080..140884)], trnI-GAU [complement(141022..141966)], ndhB [148351..149029]
2686.	PAVN	72	rps12 [complement(99323..99348)], rps12 [complement(99890..100121)], rps12 [complement(71003..71116)], trnK-UUU [complement(1391..1425)], trnK-UUU [complement(4029..4056)], rps16 [complement(4827..5036)], rps16 [complement(5787..5828)], trnG-UCC [9489..9512], trnG-UCC [10187..10234], atpF [complement(12201..12611)], atpF [complement(13441..13584)], rpoC1 [complement(21136..22785)], rpoC1 [complement(23492..23926)], ycf3 [complement(42821..42979)], ycf3 [complement(43727..43954)], ycf3 [complement(44690..44815)], trnL-UAA [47591..47625], trnL-UAA [48233..48282], trnV-UAC [complement(52681..52717)], trnV-UAC [complement(53315..53353)], rps12 [142898..143129], rps12 [143671..143696], clpP [complement(71282..71506)], clpP [complement(72150..72440)], clpP [complement(73221..73289)], petB [76202..76207], petB [77021..77662], petD [77860..77865], petD [78577..79053], rpl16 [complement(82559..82960)], rpl16 [complement(83975..83983)], rpl2 [complement(85858..86289)], rpl2 [complement(86954..87343)], ndhB [complement(96250..97005)], ndhB [complement(97701..98477)], trnI-GAU [104091..104132], trnI-GAU [105068..105102], trnA-UGC [105162..105199], trnA-UGC [106001..106035], ndhA [complement(121856..122386)], ndhA [complement(123450..124001)], trnA-UGC [complement(136984..137018)], trnA-UGC [complement(137820..137857)], trnI-GAU [complement(137917..137951)], trnI-GAU [complement(138887..138928)], ndhB [144542..145318], ndhB [146014..146769], rpl2 [155676..156068], rpl2 [156730..157161]	trnK-UUU [complement(1426..4028)], rps16 [complement(5037..5786)], trnG-UCC [9513..10186], atpF [complement(12612..13440)], rpoC1 [complement(22786..23491)], ycf3 [complement(42980..43726)], ycf3 [complement(43955..44689)], trnL-UAA [47626..48232], trnV-UAC [complement(52718..53314)], clpP [complement(71507..72149)], clpP [complement(72441..73220)], petB [76208..77020], petD [77866..78576], rpl16 [complement(82961..83974)], rpl2 [complement(86290..86953)], ndhB [complement(97006..97700)], trnI-GAU [104133..105067], trnA-UGC [105200..106000], ndhA [complement(122387..123449)], trnA-UGC [complement(137019..137819)], trnI-GAU [complement(137952..138886)], ndhB [145319..146013], rpl2 [156069..156729]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2687.	PAVR	64	rps12 [complement(92987..93015)], rps12 [complement(93556..93787)], rps12 [complement(68368..68481)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3899..3936)], rps16 [complement(4485..4702)], rps16 [complement(5541..5580)], trnG-UCC [complement(13321..13368)], trnG-UCC [complement(14056..14078)], atpF [34944..35102], atpF [35917..36324], ycf3 [complement(44145..44297)], ycf3 [complement(45025..45252)], ycf3 [complement(45995..46126)], trnL-UAA [48793..48827], trnL-UAA [49371..49420], trnV-UAC [complement(52998..53034)], trnV-UAC [complement(53631..53669)], rps12 [130420..130651], rps12 [131192..131220], petB [72226..72231], petB [72975..73622], petD [73805..73812], petD [74533..75007], rpl16 [complement(78539..78940)], rpl16 [complement(80020..80028)], rpl2 [complement(81987..82418)], rpl2 [complement(83082..83471)], ndhB [complement(89914..90669)], ndhB [complement(91382..92158)], trnI-GAU [97643..97684], trnI-GAU [98631..98665], trnA-UGC [98731..98768], trnA-UGC [99579..99613], ndhA [complement(115099..115638)], ndhA [complement(116670..117218)], trnA-UGC [complement(124594..124628)], trnA-UGC [complement(125439..125476)], trnI-GAU [complement(125542..125576)], trnI-GAU [complement(126523..126564)], ndhB [132049..132825], ndhB [133538..134293], rpl2 [140736..141125], rpl2 [141789..142220]	trnK-UUU [complement(1414..3898)], rps16 [complement(4703..5540)], trnG-UCC [complement(13369..14055)], atpF [35103..35916], ycf3 [complement(44298..45024)], ycf3 [complement(45253..45994)], trnL-UAA [48828..49370], trnV-UAC [complement(53035..53630)], petB [72232..72974], petD [73813..74532], rpl16 [complement(78941..80019)], rpl2 [complement(82419..83081)], ndhB [complement(90670..91381)], trnI-GAU [97685..98630], trnA-UGC [98769..99578], ndhA [complement(115639..116669)], trnA-UGC [complement(124629..125438)], trnI-GAU [complement(125577..126522)], ndhB [132826..133537], rpl2 [141126..141788]
2688.	PAVT	70	rps12 [complement(99085..99110)], rps12 [complement(99647..99878)], rps12 [complement(71725..71838)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4317..4353)], rps16 [complement(5284..5480)], rps16 [complement(6372..6411)], trnG-UCC [10257..10279], trnG-UCC [10978..11025], atpF [complement(12943..13352)], atpF [complement(14082..14226)], rpoC1 [complement(22200..23816)], rpoC1 [complement(24575..25027)], ycf3 [complement(44536..44688)], ycf3 [complement(45440..45669)], ycf3 [complement(46386..46509)], trnL-UAA [49481..49515], trnL-UAA [50022..50070], trnV-UAC [complement(53558..53592)], trnV-UAC [complement(54171..54209)], clpP [complement(71982..72209)], clpP [complement(72846..73137)], clpP [complement(73909..73979)], petB [76944..76949], petB [77737..78378], petD	trnK-UUU [complement(1798..4316)], rps16 [complement(5481..6371)], trnG-UCC [10280..10977], atpF [complement(13353..14081)], rpoC1 [complement(23817..24574)], ycf3 [complement(44689..45439)], ycf3 [complement(45670..46385)], trnL-UAA [49516..50021], trnV-UAC [complement(53593..54170)], clpP [complement(72210..72845)], clpP [complement(73138..73908)], petB [76950..77736], petD [78561..79311], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78553..78560], petD [79312..79786], rpl16 [complement(83251..83649)], rpl16 [complement(84592..84600)], rpl2 [complement(86283..86716)], rpl2 [complement(87377..87767)], ndhB [complement(96056..96811)], ndhB [complement(97490..98266)], trnI-GAU [103795..103831], trnI-GAU [104781..104815], trnA-UGC [104880..104917], trnA-UGC [105725..105759], ndhA [complement(121940..122478)], ndhA [complement(123508..124060)], trnA-UGC [complement(136413..136447)], trnA-UGC [complement(137255..137292)], trnI-GAU [complement(137357..137391)], trnI-GAU [complement(138341..138377)], ndhB [143906..144682], ndhB [145361..146116], rpl2 [154405..154795], rpl2 [155456..155889]	[complement(83650..84591)], rpl2 [complement(86717..87376)], ndhB [complement(96812..97489)], trnI-GAU [103832..104780], trnA-UGC [104918..105724], ndhA [complement(122479..123507)], trnA-UGC [complement(136448..137254)], trnI-GAU [complement(137392..138340)], ndhB [144683..145360], rpl2 [154796..155455]
2689.	PAW A	72	rps12 [complement(99101..99126)], rps12 [complement(99663..99894)], rps12 [complement(71726..71839)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4316..4352)], rps16 [complement(5285..5481)], rps16 [complement(6370..6409)], trnG-UCC [10239..10261], trnG-UCC [10961..11008], atpF [complement(12928..13337)], atpF [complement(14068..14212)], rpoC1 [complement(22185..23801)], rpoC1 [complement(24561..25013)], ycf3 [complement(44520..44672)], ycf3 [complement(45424..45653)], ycf3 [complement(46370..46493)], trnL-UAA [49479..49513], trnL-UAA [50020..50068], trnV-UAC [complement(53555..53589)], trnV-UAC [complement(54168..54206)], rps12 [142459..142690], rps12 [143227..143252], clpP [complement(71983..72210)], clpP [complement(72847..73138)], clpP [complement(73910..73980)], petB [76944..76949], petB [77737..78378], petD [78553..78560], petD [79312..79786], rpl16 [complement(83249..83647)], rpl16 [complement(84590..84598)], rpl2 [complement(86281..86714)], rpl2 [complement(87375..87765)], ndhB [complement(96072..96827)], ndhB [complement(97506..98282)], trnI-GAU [103811..103847], trnI-GAU [104797..104831], trnA-UGC [104896..104933], trnA-UGC [105740..105774], ndhA [complement(122019..122557)], ndhA [complement(123587..124139)], trnA-UGC [complement(136579..136613)], trnA-UGC [complement(137420..137457)], trnI-GAU [complement(137522..137556)], trnI-GAU [complement(138506..138542)], ndhB [144071..144847], ndhB	trnK-UUU [complement(1798..4315)], rps16 [complement(5482..6369)], trnG-UCC [10262..10960], atpF [complement(13338..14067)], rpoC1 [complement(23802..24560)], ycf3 [complement(44673..45423)], ycf3 [complement(45654..46369)], trnL-UAA [49514..50019], trnV-UAC [complement(53590..54167)], clpP [complement(72211..72846)], clpP [complement(73139..73909)], petB [76950..77736], petD [78561..79311], rpl16 [complement(83648..84589)], rpl2 [complement(86715..87374)], ndhB [complement(96828..97505)], trnI-GAU [103848..104796], trnA-UGC [104934..105739], ndhA [complement(122558..123586)], trnA-UGC [complement(136614..137419)], trnI-GAU [complement(137557..138505)], ndhB [144848..145525], rpl2 [154979..155638]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145526..146281], rpl2 [154588..154978], rpl2 [155639..156072]	
2690.	PAZI	72	rps12 [complement(99086..99111)], rps12 [complement(99648..99879)], rps12 [complement(71672..71785)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4315..4351)], rps16 [complement(5280..5476)], rps16 [complement(6363..6402)], trnG-UCC [10250..10272], trnG-UCC [10971..11018], atpF [complement(12936..13345)], atpF [complement(14076..14220)], rpoC1 [complement(22194..23810)], rpoC1 [complement(24560..25012)], ycf3 [complement(44502..44654)], ycf3 [complement(45406..45635)], ycf3 [complement(46352..46475)], trnL-UAA [49447..49481], trnL-UAA [49988..50036], trnV-UAC [complement(53524..53558)], trnV-UAC [complement(54137..54175)], rps12 [142557..142788], rps12 [143325..143350], clpP [complement(71929..72156)], clpP [complement(72793..73084)], clpP [complement(73856..73926)], petB [76891..76896], petB [77684..78325], petD [78500..78507], petD [79259..79733], rpl16 [complement(83198..83596)], rpl16 [complement(84539..84547)], rpl2 [complement(86230..86663)], rpl2 [complement(87324..87714)], ndhB [complement(96057..96812)], ndhB [complement(97491..98267)], trnI-GAU [103817..103853], trnI-GAU [104800..104834], trnA-UGC [104899..104936], trnA-UGC [105744..105778], ndhA [complement(122061..122599)], ndhA [complement(123629..124181)], trnA-UGC [complement(136658..136692)], trnA-UGC [complement(137500..137537)], trnI-GAU [complement(137602..137636)], trnI-GAU [complement(138583..138619)], ndhB [144169..144945], ndhB [145624..146379], rpl2 [154722..155112], rpl2 [155773..156206]	trnK-UUU [complement(1798..4314)], rps16 [complement(5477..6362)], trnG-UCC [10273..10970], atpF [complement(13346..14075)], rpoC1 [complement(23811..24559)], ycf3 [complement(44655..45405)], ycf3 [complement(45636..46351)], trnL-UAA [49482..49987], trnV-UAC [complement(53559..54136)], clpP [complement(72157..72792)], clpP [complement(73085..73855)], petB [76897..77683], petD [78508..79258], rpl16 [complement(83597..84538)], rpl2 [complement(86664..87323)], ndhB [complement(96813..97490)], trnI-GAU [103854..104799], trnA-UGC [104937..105743], ndhA [complement(122600..123628)], trnA-UGC [complement(136693..137499)], trnI-GAU [complement(137637..138582)], ndhB [144946..145623], rpl2 [155113..155772]
2691.	PEAC	67	rps12 [complement(102833..102858)], rps12 [complement(103410..103641)], rps12 [complement(75475..75588)], trnK-UUU [complement(1792..1826)], trnK-UUU [complement(4312..4348)], rps16 [complement(5220..5443)], rps16 [complement(6305..6344)], trnG-UCC [9936..9958], trnG-UCC [10692..10740], atpF [complement(12926..13350)], atpF [complement(14099..14243)], rpoC1 [complement(22350..23954)], rpoC1 [complement(24708..25130)], ycf3 [complement(45736..45888)], ycf3 [complement(46665..46892)], ycf3 [complement(47655..47780)], trnL-UAA	trnK-UUU [complement(1827..4311)], rps16 [complement(5444..6304)], trnG-UCC [9959..10691], atpF [complement(13351..14098)], rpoC1 [complement(23955..24707)], ycf3 [complement(45889..46664)], ycf3 [complement(46893..47654)], trnL-UAA [51368..51871], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[51333..51367], trnL-UAA [51872..51921], trnV-UAC [complement(56084..56118)], trnV-UAC [complement(56718..56755)], rps12 [complement(75475..75588)], rps12 [146199..146430], rps12 [146982..147007], clpP [complement(75745..75972)], clpP [complement(76568..76859)], clpP [complement(77690..77760)], petB [80650..80655], petB [81447..82088], petD [82283..82290], petD [83047..83521], rpl16 [complement(87058..87456)], rpl16 [complement(88453..88461)], ndhB [complement(99777..100532)], ndhB [complement(101216..101992)], trnI-GAU [107586..107622], trnI-GAU [108572..108606], trnA-UGC [108671..108708], trnA-UGC [109516..109550], ndhA [complement(125659..126197)], ndhA [complement(127241..127793)], trnA-UGC [complement(140290..140324)], trnA-UGC [complement(141132..141169)], trnI-GAU [complement(141234..141268)], trnI-GAU [complement(142218..142254)], ndhB [147848..148624], ndhB [149308..150063]</p>	<p>[complement(56119..56717)], clpP [complement(75973..76567)], clpP [complement(76860..77689)], petB [80656..81446], petD [82291..83046], rpl16 [complement(87457..88452)], ndhB [complement(100533..101215)], trnI-GAU [107623..108571], trnA-UGC [108709..109515], ndhA [complement(126198..127240)], trnA-UGC [complement(140325..141131)], trnI-GAU [complement(141269..142217)], ndhB [148625..149307]</p>
2692.	PEAI	22	<p>rps12 [142094..142119]</p>	<p>trnK-UUU [complement(1623..4163)], rps16 [complement(5229..6123)], trnG-UCC [9417..10133], atpF [complement(12529..13284)], rpoC1 [complement(22566..23397)], ycf3 [complement(43453..44215)], ycf3 [complement(44446..45240)], trnL-UAA [48313..48860], trnV-UAC [complement(52898..53502)], clpP [complement(71864..72508)], clpP [complement(72801..73715)], petB [76711..77505], petD [78383..79085], rpl16 [complement(83394..84349)], ndhB [complement(96543..97210)], trnI-GAU [103286..104241], trnA-UGC [104379..105200], ndhA [complement(121874..122921)], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(135756..136577)], trnI-GAU [complement(136715..137670)], ndhB [143746..144413]
2693.	PEAL	70	rps12 [complement(103117..103142)], rps12 [complement(103679..103910)], rps12 [complement(82463..82576)], trnK-UUU [complement(9660..9694)], trnK-UUU [complement(12250..12286)], trnG-UCC [15769..15790], trnG-UCC [16508..16555], atpF [complement(18615..19024)], atpF [complement(19757..19901)], rpoC1 [complement(27685..29310)], rpoC1 [complement(30056..30508)], trnD-GUC [complement(40561..40595)], trnD-GUC [complement(42160..42204)], ycf3 [43070..43193], ycf3 [43937..44166], ycf3 [44955..45107], trnL-UAA [58510..58544], trnL-UAA [59040..59089], trnV-UAC [complement(62218..62252)], trnV-UAC [complement(62863..62901)], rps12 [complement(82463..82576)], rps12 [159976..160207], rps12 [160744..160769], clpP [complement(82980..83225)], clpP [complement(83824..84115)], clpP [complement(84887..85002)], petB [87996..88001], petB [88850..89491], petD [89673..89680], petD [90419..90893], rpl2 [complement(97818..98251)], rpl2 [complement(98930..99320)], ndhB [complement(100047..100802)], ndhB [complement(101489..102235)], trnI-GAU [107780..107816], trnI-GAU [108773..108807], trnA-UGC [108867..108904], trnA-UGC [109711..109745], ndhA [127461..128013], ndhA [129128..129666], trnA-UGC [complement(154141..154175)], trnA-UGC [complement(154982..155019)], trnI-GAU [complement(155079..155113)], trnI-GAU [complement(156070..156106)], ndhB [161651..162397], ndhB [163084..163839], rpl2 [164566..164956], rpl2 [165635..166068]	trnK-UUU [complement(9695..12249)], trnG-UCC [15791..16507], atpF [complement(19025..19756)], rpoC1 [complement(29311..30055)], trnD-GUC [complement(40596..42159)], ycf3 [43194..43936], ycf3 [44167..44954], trnL-UAA [58545..59039], trnV-UAC [complement(62253..62862)], clpP [complement(83226..83823)], clpP [complement(84116..84886)], petB [88002..88849], petD [89681..90418], rpl2 [complement(98252..98929)], ndhB [complement(100803..101488)], trnI-GAU [107817..108772], trnA-UGC [108905..109710], ndhA [128014..129127], trnA-UGC [complement(154176..154981)], trnI-GAU [complement(155114..156069)], ndhB [162398..163083], rpl2 [164957..165634]
2694.	PEAM	46	rps12 [complement(101050..101076)], rps12 [complement(101613..101843)], rps12 [complement(73445..73558)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4375..4411)], trnG-UCC [10351..10374], trnG-UCC [11132..11179], trnL-UAA [49503..49537], trnL-UAA [50022..50071], trnV-UAC [complement(54576..54612)], trnV-UAC [complement(55202..55240)], rps12 [complement(73445..73558)], rps12 [144744..144973], rps12 [145510..145537], clpP [complement(73705..73950)], petD [80981..81461],	trnK-UUU [complement(1862..4374)], rps16 [complement(5461..6305)], trnG-UCC [10375..11131], atpF [complement(13489..14218)], rpoC1 [complement(23522..24239)], ycf3 [complement(44924..45653)], ycf3 [complement(45883..46617)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [105699..105740], trnI-GAU [106680..106714], trnA-UGC [106779..106816], trnA-UGC [107615..107649], trnA-UGC [complement(138938..138972)], trnA-UGC [complement(139771..139808)], trnI-GAU [complement(139873..139907)], trnI-GAU [complement(140847..140888)]	[49538..50021], trnV-UAC [complement(54613..55201)], clpP [complement(73951..74610)], clpP [complement(74903..75674)], petB [78629..79418], petD [80266..80980], rpl16 [complement(85287..86251)], rpl2 [complement(88413..89090)], ndhB [complement(98722..99423)], trnI-GAU [105741..106679], trnA-UGC [106817..107614], ndhA [complement(124896..126019)], trnA-UGC [complement(138973..139770)], trnI-GAU [complement(139908..140846)], ndhB [147164..147865]
2695.	PEAU	42	rps12 [complement(97727..97752)], rps12 [complement(98289..98520)], rps12 [complement(78016..78129)], trnK-UUU [complement(9755..9789)], trnK-UUU [complement(12344..12380)], trnG-UCC [15836..15857], trnG-UCC [16561..16608], trnL-UAA [55395..55429], trnL-UAA [55923..55972], trnV-UAC [complement(59258..59292)], trnV-UAC [complement(59903..59941)], rps12 [153308..153539], rps12 [154076..154101], trnI-GAU [101937..101973], trnI-GAU [102929..102963], trnA-UGC [103023..103060], trnA-UGC [103867..103901], trnA-UGC [complement(147927..147961)], trnA-UGC [complement(148768..148805)], trnI-GAU [complement(148865..148899)], trnI-GAU [complement(149855..149891)]	trnK-UUU [complement(9790..12343)], trnG-UCC [15858..16560], atpF [complement(19107..19844)], rpoC1 [complement(29388..30132)], ycf3 [39305..40039], ycf3 [40270..41051], trnL-UAA [55430..55922], trnV-UAC [complement(59293..59902)], clpP [complement(78596..79188)], clpP [complement(79481..80272)], petB [83398..84250], petD [85094..85863], rpl2 [complement(92873..93545)], ndhB [complement(95423..96103)], trnI-GAU [101974..102928], trnA-UGC [103061..103866], ndhA [121969..123063], trnA-UGC [complement(147962..148767)], trnI-GAU [complement(148900..149854)], ndhB [155725..156405], rpl2 [158283..158955]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2696.	PEBR	72	rpl16 [1027..1035], rpl16 [2139..2537], petD [complement(6027..6501)], petD [complement(7281..7288)], petB [complement(7499..8140)], petB [complement(8959..8964)], clpP [11910..11980], clpP [12924..13215], clpP [13808..14032], rps12 [14235..14348], rps12 [141440..141671], rps12 [142209..142234], rps12 [complement(100273..100504)], rps12 [complement(99710..99735)], trnV-UAC [32426..32464], trnV-UAC [33071..33105], trnL-UAA [complement(36560..36609)], trnL-UAA [complement(37128..37162)], ycf3 [39759..39884], ycf3 [40636..40863], ycf3 [41632..41784], rpoC1 [61394..61825], rpoC1 [62604..64214], atpF [72374..72518], atpF [73248..73657], trnG-UCC [complement(75682..75729)], trnG-UCC [complement(76433..76455)], rps16 [78902..78941], rps16 [79865..80076], trnK-UUU [80909..80945], trnK-UUU [83494..83528], rpl2 [complement(86006..86439)], rpl2 [complement(87125..87515)], ndhB [complement(96649..97404)], ndhB [complement(98090..98866)], trnI-GAU [104088..104124], trnI-GAU [105074..105108], trnA-UGC [105173..105210], trnA-UGC [106007..106041], ndhA [complement(121704..122243)], ndhA [complement(123381..123932)], trnA-UGC [complement(135903..135937)], trnA-UGC [complement(136734..136771)], trnI-GAU [complement(136836..136870)], trnI-GAU [complement(137820..137856)], ndhB [143078..143854], ndhB [144540..145295], rpl2 [154429..154819], rpl2 [155505..155938]	rpl16 [1036..2138], petD [complement(6502..7280)], petB [complement(8141..8958)], clpP [11981..12923], clpP [13216..13807], trnV-UAC [32465..33070], trnL-UAA [complement(36610..37127)], ycf3 [39885..40635], ycf3 [40864..41631], rpoC1 [61826..62603], atpF [72519..73247], trnG-UCC [complement(75730..76432)], rps16 [78942..79864], trnK-UUU [80946..83493], rpl2 [complement(86440..87124)], ndhB [complement(97405..98089)], trnI-GAU [104125..105073], trnA-UGC [105211..106006], ndhA [complement(122244..123380)], trnA-UGC [complement(135938..136733)], trnI-GAU [complement(136871..137819)], ndhB [143855..144539], rpl2 [154820..155504]
2697.	PECE	72	rps12 [complement(98834..98859)], rps12 [complement(99386..99617)], rps12 [complement(71104..71217)], trnK-UUU [complement(2018..2052)], trnK-UUU [complement(4540..4576)], rps16 [complement(5534..5760)], rps16 [complement(6633..6672)], trnG-GCC [9412..9434], trnG-GCC [10121..10170], atpF [complement(12191..12601)], atpF [complement(13301..13441)], rpoC1 [complement(21325..22936)], rpoC1 [complement(23709..24145)], ycf3 [complement(43020..43172)], ycf3 [complement(43908..44137)], ycf3 [complement(44860..44983)], trnL-UAA [47911..47947], trnL-UAA [48442..48490], trnV-UAC [complement(52505..52541)], trnV-UAC [complement(53118..53162)], rps12 [140799..141030], rps12 [141557..141582], clpP [complement(71347..71571)],	trnK-UUU [complement(2053..4539)], rps16 [complement(5761..6632)], trnG-GCC [9435..10120], atpF [complement(12602..13300)], rpoC1 [complement(22937..23708)], ycf3 [complement(43173..43907)], ycf3 [complement(44138..44859)], trnL-UAA [47948..48441], trnV-UAC [complement(52542..53117)], clpP [complement(71572..72207)], clpP [complement(72502..73220)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(72208..72501)], clpP [complement(73221..73289)], petB [76189..76194], petB [76918..77559], petD [77748..77755], petD [78585..79059], rpl16 [complement(82594..82992)], rpl16 [complement(83873..83881)], rpl2 [complement(85557..85990)], rpl2 [complement(86652..87042)], ndhB [complement(95864..96619)], ndhB [complement(97297..98073)], trnI-GAU [103383..103424], trnI-GAU [104362..104396], trnA-UGC [104461..104498], trnA-UGC [105300..105334], ndhA [117781..118332], ndhA [119455..119994], trnA-UGC [complement(135082..135116)], trnA-UGC [complement(135918..135955)], trnI-GAU [complement(136020..136054)], trnI-GAU [complement(136992..137033)], ndhB [142343..143119], ndhB [143797..144552], rpl2 [153374..153764], rpl2 [154426..154859]</p>	<p>[76195..76917], petD [77756..78584], rpl16 [complement(82993..83872)], rpl2 [complement(85991..86651)], ndhB [complement(96620..97296)], trnI-GAU [103425..104361], trnA-UGC [104499..105299], ndhA [118333..119454], trnA-UGC [complement(135117..135917)], trnI-GAU [complement(136055..136991)], ndhB [143120..143796], rpl2 [153765..154425]</p>
2698.	PECH	42	<p>rps12 [complement(72143..72256)], trnK-UUU [complement(1789..1823)], trnK-UUU [complement(4313..4349)], trnG-GCC [8997..9020], trnG-GCC [9718..9755], rpoC1 [complement(23535..23969)], trnL-UAA [48806..48842], trnL-UAA [49366..49415], trnV-UAC [complement(53257..53293)], trnV-UAC [complement(53865..53902)], rps12 [complement(72143..72256)], rps12 [142604..142834], rps12 [143371..143397], petD [79705..80200], trnI-GAU [104774..104816], trnI-GAU [105589..105623], trnA-UGC [105688..105725], trnA-UGC [106507..106542], trnA-UGC [complement(136881..136915)], trnA-UGC [complement(137697..137734)], trnI-GAU [complement(137799..137833)], trnI-GAU [complement(138606..138648)]</p>	<p>trnK-UUU [complement(1824..4312)], trnG-GCC [9021..9717], atpF [complement(12244..12951)], rpoC1 [complement(22816..23534)], ycf3 [complement(44383..45122)], ycf3 [complement(45351..46080)], trnL-UAA [48843..49365], trnV-UAC [complement(53294..53864)], clpP [complement(72631..73243)], clpP [complement(73535..74363)], petB [77545..78121], petD [78975..79704], rpl2 [complement(87217..87881)], ndhB [complement(97724..98402)], trnI-GAU [104817..105588], trnA-UGC [105726..106506], ndhA [complement(123035..124097)], trnA-UGC [complement(136916..137696)], trnI-GAU [complement(137834..138605)], ndhB [145020..145698]</p>
2699.	PECI	72	<p>rps12 [complement(97019..97044)], rps12 [complement(97581..97809)],</p>	<p>trnK-UUU [complement(1738..4255)], rps16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69630..69743)], trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4256..4293)], rps16 [complement(4830..5056)], rps16 [complement(5925..5964)], trnG-UCC [9100..9135], trnG-UCC [9807..9848], atpF [complement(11833..12245)], atpF [complement(12937..13081)], rpoC1 [complement(20888..22504)], rpoC1 [complement(23277..23708)], ycf3 [complement(42056..42208)], ycf3 [complement(42947..43176)], ycf3 [complement(43892..44015)], trnL-UAA [46995..47030], trnL-UAA [47523..47571], trnV-UAC [complement(51304..51338)], trnV-UAC [complement(51909..51946)], rps12 [138479..138707], rps12 [139244..139269], clpP [complement(69861..70086)], clpP [complement(70723..71022)], clpP [complement(71708..71778)], petB [74684..74689], petB [75407..76048], petD [76237..76244], petD [76962..77436], rpl16 [complement(80879..81277)], rpl16 [complement(82146..82154)], rpl2 [complement(83822..84255)], rpl2 [complement(84920..85310)], ndhB [complement(94035..94790)], ndhB [complement(95457..96179)], trnI-GAU [101490..101522], trnI-GAU [102472..102512], trnA-UGC [102575..102609], trnA-UGC [103431..103465], ndhA [complement(118336..118874)], ndhA [complement(119911..120469)], trnA-UGC [complement(132823..132857)], trnA-UGC [complement(133676..133713)], trnI-GAU [complement(133778..133816)], trnI-GAU [complement(134766..134798)], ndhB [140109..140831], ndhB [141498..142253], rpl2 [150978..151368], rpl2 [151997..152466]</p>	<p>[complement(5057..5924)], trnG-UCC [9136..9806], atpF [complement(12246..12936)], rpoC1 [complement(22505..23276)], ycf3 [complement(42209..42946)], ycf3 [complement(43177..43891)], trnL-UAA [47031..47522], trnV-UAC [complement(51339..51908)], clpP [complement(70087..70722)], clpP [complement(71023..71707)], petB [74690..75406], petD [76245..76961], rpl16 [complement(81278..82145)], rpl2 [complement(84256..84919)], ndhB [complement(94791..95456)], trnI-GAU [101523..102471], trnA-UGC [102610..103430], ndhA [complement(118875..119910)], trnA-UGC [complement(132858..133675)], trnI-GAU [complement(133817..134765)], ndhB [140832..141497], rpl2 [151369..151996]</p>
2700.	PECO	42	<p>rps12 [complement(98249..98274)], rps12 [complement(98811..99042)], rps12 [complement(78476..78589)], trnK-UUU [complement(9650..9684)], trnK-UUU [complement(12239..12275)], trnG-UCC [15723..15745], trnG-UCC [16457..16504], trnL-UAA [55466..55499], trnL-UAA [55992..56041], trnV-UAC [complement(59502..59536)], trnV-UAC [complement(60147..60185)], rps12 [153846..154077], rps12 [154614..154639], trnI-GAU [102471..102507], trnI-GAU [103463..103497], trnA-UGC [103557..103594], trnA-UGC [104401..104435], trnA-UGC [complement(148453..148487)], trnA-UGC [complement(149294..149331)], trnI-GAU [complement(149391..149425)], trnI-GAU</p>	<p>trnK-UUU [complement(9685..12238)], trnG-UCC [15746..16456], atpF [complement(18999..19731)], rpoC1 [complement(29279..30018)], ycf3 [39237..39974], ycf3 [40205..40986], trnL-UAA [55500..55991], trnV-UAC [complement(59537..60146)], clpP [complement(79052..79644)], clpP [complement(79937..80727)], petB [83853..84700], petD [85551..86320], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(150381..150417)]	[complement(93394..94066)], ndhB [complement(95944..96625)], trnI-GAU [102508..103462], trnA-UGC [103595..104400], ndhA [122485..123585], trnA-UGC [complement(148488..149293)], trnI-GAU [complement(149426..150380)], ndhB [156263..156944], rpl2 [158822..159494]
2701.	PECR	40	rps12 [complement(70082..70195)], trnK-UUU [complement(1885..1919)], trnK-UUU [complement(4429..4465)], trnG-GCC [9216..9238], trnG-GCC [9939..9979], trnL-UAA [48122..48156], trnL-UAA [48659..48708], trnV-UAC [complement(52339..52373)], trnV-UAC [complement(52932..52970)], rps12 [141666..141691], trnI-GAU [102034..102070], trnI-GAU [103019..103053], trnA-UGC [103118..103155], trnA-UGC [103972..104006], trnA-UGC [complement(135001..135035)], trnA-UGC [complement(135852..135889)], trnI-GAU [complement(135954..135988)], trnI-GAU [complement(136937..136973)]	trnK-UUU [complement(1920..4428)], rps16 [complement(5389..6253)], trnG-GCC [9239..9938], atpF [complement(12294..13014)], rpoC1 [complement(22776..23526)], ycf3 [complement(43198..43981)], ycf3 [complement(44212..44942)], trnL-UAA [48157..48658], trnV-UAC [complement(52374..52931)], clpP [complement(70576..71199)], clpP [complement(71492..72330)], petB [75346..76101], petD [76931..77677], rpl16 [complement(82039..82990)], rpl2 [complement(85112..85762)], ndhB [complement(95035..95716)], trnI-GAU [102071..103018], trnA-UGC [103156..103971], ndhA [complement(121153..122207)], trnA-UGC [complement(135036..135851)], trnI-GAU [complement(135989..136936)], ndhB [143291..143972]
2702.	PECT	67	rps12 [complement(100556..100581)], rps12 [complement(101118..101349)], rps12 [complement(80077..80190)], trnK-UUU [complement(9635..9669)], trnK-UUU [complement(12230..12266)], trnG-UCC [15707..15729], trnG-	trnK-UUU [complement(9670..12229)], trnG-UCC [15730..16441], atpF [complement(18998..19725)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>UCC [16442..16489], atpF [complement(18588..18997)], atpF [complement(19726..19870)], rpoC1 [complement(27626..29254)], rpoC1 [complement(29968..30420)], ycf3 [41095..41220], ycf3 [41956..42183], ycf3 [42972..43124], trnL-UAA [56320..56356], trnL-UAA [56845..56894], trnV-UAC [complement(60342..60376)], trnV-UAC [complement(60991..61029)], rps12 [complement(80077..80190)], rps12 [157728..157959], rps12 [158496..158521], clpP [complement(80374..80619)], clpP [complement(81230..81521)], clpP [complement(82300..82415)], petB [85415..85420], petB [86267..86908], petD [87104..87111], petD [87840..88314], rpl2 [complement(95259..95692)], rpl2 [complement(96374..96764)], ndhB [complement(97491..98246)], ndhB [complement(98928..99674)], trnI-GAU [105217..105253], trnI-GAU [106210..106244], trnA-UGC [106304..106341], trnA-UGC [107153..107187], ndhA [125035..125587], ndhA [126673..127211], trnA-UGC [complement(151890..151924)], trnA-UGC [complement(152736..152773)], trnI-GAU [complement(152833..152867)], trnI-GAU [complement(153824..153860)], ndhB [159403..160149], ndhB [160831..161586], rpl2 [162313..162703], rpl2 [163385..163818]</p>	<p>[complement(29255..29967)], ycf3 [41221..41955], ycf3 [42184..42971], trnL-UAA [56357..56844], trnV-UAC [complement(60377..60990)], clpP [complement(80620..81229)], clpP [complement(81522..82299)], petB [85421..86266], petD [87112..87839], rpl2 [complement(95693..96373)], ndhB [complement(98247..98927)], trnI-GAU [105254..106209], trnA-UGC [106342..107152], ndhA [125588..126672], trnA-UGC [complement(151925..152735)], trnI-GAU [complement(152868..153823)], ndhB [160150..160830], rpl2 [162704..163384]</p>
2703.	PECU	67	<p>rps12 [complement(100639..100664)], rps12 [complement(101201..101432)], rps12 [complement(80137..80250)], trnK-UUU [complement(9645..9679)], trnK-UUU [complement(12236..12272)], trnG-UCC [15720..15742], trnG-UCC [16455..16502], atpF [complement(18601..19010)], atpF [complement(19744..19888)], rpoC1 [complement(27644..29278)], rpoC1 [complement(30015..30467)], ycf3 [41185..41310], ycf3 [42044..42271], ycf3 [43060..43212], trnL-UAA [56696..56732], trnL-UAA [57221..57270], trnV-UAC [complement(60723..60757)], trnV-UAC [complement(61367..61405)], rps12 [complement(80137..80250)], rps12 [157437..157668], rps12 [158205..158230], clpP [complement(80428..80673)], clpP [complement(81272..81563)], clpP [complement(82333..82448)], petB [85466..85471], petB [86321..86962], petD [87158..87165], petD [87894..88368], rpl2 [complement(95350..95783)], rpl2 [complement(96457..96847)], ndhB [complement(97574..98329)], ndhB</p>	<p>trnK-UUU [complement(9680..12235)], trnG-UCC [15743..16454], atpF [complement(19011..19743)], rpoC1 [complement(29279..30014)], ycf3 [41311..42043], ycf3 [42272..43059], trnL-UAA [56733..57220], trnV-UAC [complement(60758..61366)], clpP [complement(80674..81271)], clpP [complement(81564..82332)], petB [85472..86320], petD [87166..87893], rpl2 [complement(95784..96456)], ndhB [complement(98330..99010)], trnI-GAU [105317..106272], trnA-UGC [106405..107210], ndhA [125477..126576],</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(99011..99757)], trnI-GAU [105280..105316], trnI-GAU [106273..106307], trnA-UGC [106367..106404], trnA-UGC [107211..107245], ndhA [124924..125476], ndhA [126577..127115], trnA-UGC [complement(151624..151658)], trnA-UGC [complement(152465..152502)], trnI-GAU [complement(152562..152596)], trnI-GAU [complement(153553..153589)], ndhB [159112..159858], ndhB [160540..161295], rpl2 [162022..162412], rpl2 [163086..163519]	trnA-UGC [complement(151659..152464)], trnI-GAU [complement(152597..153552)], ndhB [159859..160539], rpl2 [162413..163085]
2704.	PEDI	40	rps12 [complement(100798..100823)], rps12 [complement(101360..101591)], rps12 [complement(80974..81087)], trnK-UUU [complement(9751..9785)], trnK-UUU [complement(12363..12399)], trnL-UAA [56944..56978], trnL-UAA [57468..57517], trnV-UAC [complement(60992..61026)], trnV-UAC [complement(61637..61675)], rps12 [complement(80974..81087)], rps12 [155535..155766], rps12 [156303..156328], trnI-GAU [105041..105077], trnI-GAU [106033..106067], trnA-UGC [106127..106164], trnA-UGC [106971..107005], trnA-UGC [complement(150121..150155)], trnA-UGC [complement(150962..150999)], trnI-GAU [complement(151059..151093)], trnI-GAU [complement(152049..152085)]	trnK-UUU [complement(9786..12362)], atpF [complement(19182..19914)], rpoC1 [complement(29469..30207)], ycf3 [40882..41640], ycf3 [41871..42649], trnL-UAA [56979..57467], trnV-UAC [complement(61027..61636)], clpP [complement(81561..82154)], clpP [complement(82447..83246)], petB [86367..87216], petD [88061..88833], rpl2 [complement(95933..96605)], ndhB [complement(98483..99164)], trnI-GAU [105078..106032], trnA-UGC [106165..106970], ndhA [124681..125699], trnA-UGC [complement(150156..150961)], trnI-GAU [complement(151094..152048)], ndhB [157962..158643], rpl2 [160521..161193]
2705.	PEDO	76	rps12 [complement(94651..94676)], rps12 [complement(95212..95440)], rps12 [complement(68724..68837)], trnV-UAC [13363..13401], trnV-UAC [14009..14045], trnL-UAA [complement(17476..17525)], trnL-UAA [complement(17924..17960)], ycf3 [complement(30444..30596)], ycf3 [complement(31379..31606)], ycf3 [complement(32341..32469)], rpoC1 [40520..40966], rpoC1 [41686..43365], atpF [52140..52284], atpF [53009..53418], trnG-UCC [complement(55518..55565)], trnG-UCC [complement(56270..56292)], trnK-UUU [59653..59689], trnK-UUU	trnV-UAC [13402..14008], trnL-UAA [complement(17526..17923)], ycf3 [complement(30597..31378)], ycf3 [complement(31607..32340)], rpoC1 [40967..41685], atpF [52285..53008], trnG-UCC [complement(55566..56269)], trnK-UUU [59690..62227], petB [72716..73517], petD [74364..75060], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[62228..62262], rps12 [149469..149697], rps12 [150233..150258], petB [72710..72715], petB [73518..74159], petD [74356..74363], petD [75061..75547], rpl2 [complement(89381..89814)], rpl2 [complement(90488..90878)], ndhB [complement(91601..92356)], ndhB [complement(93033..93779)], trnI-GAU [99064..99100], trnI-GAU [100057..100091], trnA-UGC [100151..100188], trnA-UGC [100986..101020], ndhA [117975..118527], ndhA [119599..120137], trnA-UGC [complement(143889..143923)], trnA-UGC [complement(144721..144758)], trnI-GAU [complement(144818..144852)], trnI-GAU [complement(145809..145845)], ndhB [151130..151876], ndhB [152553..153308], rpl2 [154031..154421], rpl2 [155095..155528], petD [complement(169362..169848)], petD [complement(170546..170553)], petB [complement(170750..171391)], petB [complement(172194..172199)], trnK-UUU [complement(182647..182681)], trnK-UUU [complement(185220..185256)], trnG-UCC [188617..188639], trnG-UCC [189344..189391], atpF [complement(191491..191900)], atpF [complement(192625..192769)]	[complement(89815..90487)], ndhB [complement(92357..93032)], trnI-GAU [99101..100056], trnA-UGC [100189..100985], ndhA [118528..119598], trnA-UGC [complement(143924..144720)], trnI-GAU [complement(144853..145808)], ndhB [151877..152552], rpl2 [154422..155094], petD [complement(169849..170545)], petB [complement(171392..172193)], trnK-UUU [complement(182682..185219)], trnG-UCC [188640..189343], atpF [complement(191901..192624)]
2706.	PEEC	66	rps12 [complement(99790..99815)], rps12 [complement(100352..100583)], rps12 [complement(79425..79538)], trnK-UUU [complement(9615..9649)], trnK-UUU [complement(12209..12245)], trnG-UCC [15701..15723], trnG-UCC [16436..16483], atpF [complement(18591..19000)], atpF [complement(19733..19877)], rpoC1 [complement(27724..29352)], rpoC1 [complement(30090..30542)], ycf3 [40956..41079], ycf3 [41823..42052], ycf3 [42841..42993], trnL-UAA [56407..56441], trnL-UAA [56937..56986], trnV-UAC [complement(60306..60340)], trnV-UAC [complement(60957..60995)], rps12 [156794..157025], rps12 [157562..157587], clpP [complement(79721..79966)], clpP [complement(80567..80858)], clpP [complement(81640..81755)], petB [84746..84751], petB [85596..86237], petD [86419..86426], petD [87151..87625], rpl2 [complement(94495..94934)], rpl2 [complement(95603..95993)], ndhB [complement(96725..97480)], ndhB [complement(98162..98908)], trnI-GAU [104434..104470], trnI-GAU [105428..105462], trnA-UGC [105522..105559], trnA-UGC [106366..106400],	trnK-UUU [complement(9650..12208)], trnG-UCC [15724..16435], atpF [complement(19001..19732)], rpoC1 [complement(29353..30089)], ycf3 [41080..41822], ycf3 [42053..42840], trnL-UAA [56442..56936], trnV-UAC [complement(60341..60956)], clpP [complement(79967..80566)], clpP [complement(80859..81639)], petB [84752..85595], petD [86427..87150], rpl2 [complement(94935..95602)], ndhB [complement(97481..98161)], trnI-GAU [104471..105427], trnA-UGC [105560..106365], ndhA [124729..125835], trnA-UGC [complement(151012..151817)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [124176..124728], ndhA [125836..126374], trnA-UGC [complement(150977..151011)], trnA-UGC [complement(151818..151855)], trnI-GAU [complement(151915..151949)], trnI-GAU [complement(152907..152943)], ndhB [158469..159215], ndhB [159897..160652], rpl2 [161384..161774], rpl2 [162443..162882]	trnI-GAU [complement(151950..152906)], ndhB [159216..159896], rpl2 [161775..162442]
2707.	PEEH	64	rps12 [complement(94290..94315)], rps12 [complement(94852..95083)], rps12 [complement(68285..68398)], trnK-UUU [complement(3092..3126)], trnK-UUU [complement(5684..5720)], trnG-UCC [9107..9129], trnG-UCC [9842..9889], atpF [complement(11993..12402)], atpF [complement(13121..13265)], rpoC1 [complement(21621..23342)], rpoC1 [complement(24072..24515)], ycf3 [33051..33174], ycf3 [33910..34139], ycf3 [34932..35084], trnL-UAA [48336..48370], trnL-UAA [48770..48819], trnV-UAC [complement(52241..52275)], trnV-UAC [complement(52882..52920)], rps12 [150213..150444], rps12 [150981..151006], petB [72313..72318], petB [73118..73759], petD [73947..73954], petD [74664..75147], rpl2 [complement(89020..89454)], rpl2 [complement(90119..90517)], ndhB [complement(91223..91978)], ndhB [complement(92667..93413)], trnI-GAU [98728..98764], trnI-GAU [99716..99750], trnA-UGC [99810..99847], trnA-UGC [100644..100678], ndhA [118152..118704], ndhA [119795..120339], trnA-UGC [complement(144618..144652)], trnA-UGC [complement(145449..145486)], trnI-GAU [complement(145546..145580)], trnI-GAU [complement(146532..146568)], ndhB [151883..152629], ndhB [153318..154073], rpl2 [154779..155177], rpl2 [155842..156276], petD [complement(170149..170632)], petD [complement(171342..171349)]	trnK-UUU [complement(3127..5683)], trnG-UCC [9130..9841], atpF [complement(12403..13120)], rpoC1 [complement(23343..24071)], ycf3 [33175..33909], ycf3 [34140..34931], trnL-UAA [48371..48769], trnV-UAC [complement(52276..52881)], petB [72319..73117], petD [73955..74663], rpl2 [complement(89455..90118)], ndhB [complement(91979..92666)], trnI-GAU [98765..99715], trnA-UGC [99848..100643], ndhA [118705..119794], trnA-UGC [complement(144653..145448)], trnI-GAU [complement(145581..146531)], ndhB [152630..153317], rpl2 [155178..155841], petD [complement(170633..171341)]
2708.	PEEN	46	rps12 [125862..125975], rps12 [94784..95015], rps12 [95552..95577], trnV-UAC [2999..3037], trnV-UAC [3649..3683], trnL-UAA [complement(7112..7161)], trnL-UAA [complement(7551..7587)], trnG-UCC [complement(48473..48520)], trnG-UCC [complement(49232..49254)], trnK-UUU [52658..52694], trnK-UUU [55245..55279], trnA-UGC [complement(89031..89065)], trnA-UGC [complement(89864..89901)], trnI-GAU [complement(89961..89995)], trnI-GAU [complement(90947..90988)], rps12 [complement(192746..192977)], rps12 [complement(192184..192209)],	trnV-UAC [3038..3648], trnL-UAA [complement(7162..7550)], ycf3 [complement(22400..23181)], ycf3 [complement(23410..24136)], rpoC1 [34837..35583], atpF [45259..45994], trnG-UCC [complement(48521..49231)], trnK-UUU [52695..55244], trnA-UGC [complement(89066..89863)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			clpP [complement(164073..164188)], trnI-GAU [196773..196814], trnI-GAU [197766..197800], trnA-UGC [197860..197897], trnA-UGC [198696..198730]	[complement(89996..90946)], ndhB [97212..97891], rpl2 [99749..100421], petD [complement(118222..118928)], petB [complement(119776..120579)], clpP [123689..124457], clpP [124750..125348], ndhA [139948..141051], clpP [complement(162413..163011)], clpP [complement(163304..164072)], petB [167182..167985], rpl2 [complement(187340..188012)], ndhB [complement(189870..190549)], trnI-GAU [196815..197765], trnA-UGC [197898..198695]
2709.	PEEU	72	rps12 [complement(99115..99140)], rps12 [complement(99677..99908)], rps12 [complement(71034..71147)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4293..4329)], rps16 [complement(5069..5294)], rps16 [complement(6159..6196)], trnG-GCC [8760..8782], trnG-GCC [9468..9515], atpF [complement(11538..11946)], atpF [complement(12655..12812)], rpoC1 [complement(20757..22382)], rpoC1 [complement(23094..23528)], ycf3 [complement(42578..42730)], ycf3 [complement(43468..43695)], ycf3 [complement(44407..44532)], trnL-UAA [complement(47668..47704)], trnL-UAA [complement(48230..48279)], trnV-UAC [complement(51987..52023)], trnV-UAC [complement(52600..52638)], rps12 [141860..142091], rps12 [142628..142653], clpP [complement(71286..71514)], clpP [complement(72165..72455)], clpP [complement(73261..73328)], petB [76241..76246], petB [76996..77652], petD [77845..77853], petD [78596..79120], rpl16 [complement(82596..82997)], rpl16 [complement(84030..84038)], rpl2 [complement(85702..86136)], rpl2 [complement(86799..87191)], ndhB [complement(96036..96791)], ndhB [complement(97471..98247)], trnI-GAU [103863..103904], trnI-GAU [104847..104881], trnA-UGC [104946..104983], trnA-UGC [105791..105825], ndhA [complement(121530..122068)], ndhA [complement(123148..123700)],	trnK-UUU [complement(1768..4292)], rps16 [complement(5295..6158)], trnG-GCC [8783..9467], atpF [complement(11947..12654)], rpoC1 [complement(22383..23093)], ycf3 [complement(42731..43467)], ycf3 [complement(43696..44406)], trnL-UAA [complement(47705..48229)], trnV-UAC [complement(52024..52599)], clpP [complement(71515..72164)], clpP [complement(72456..73260)], petB [76247..76995], petD [77854..78595], rpl16 [complement(82998..84029)], rpl2 [complement(86137..86798)], ndhB [complement(96792..97470)], trnI-GAU [103905..104846], trnA-UGC [104984..105790], ndhA [complement(122069..123147)], trnA-UGC [complement(135978..136784)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(135943..135977)], trnA-UGC [complement(136785..136822)], trnI-GAU [complement(136887..136921)], trnI-GAU [complement(137864..137905)], ndhB [143521..144297], ndhB [144977..145732], rpl2 [154577..154969], rpl2 [155632..156066]	[complement(136922..137863)], ndhB [144298..144976], rpl2 [154970..155631]
2710.	PEEX	67	rps12 [complement(101495..101520)], rps12 [complement(102057..102288)], rps12 [complement(81690..81803)], trnK-UUU [complement(9773..9807)], trnK-UUU [complement(12385..12421)], trnG-UCC [15917..15939], trnG-UCC [16656..16703], atpF [complement(18797..19206)], atpF [complement(19940..20084)], rpoC1 [complement(27871..29505)], rpoC1 [complement(30249..30692)], ycf3 [41395..41518], ycf3 [42268..42497], ycf3 [43278..43430], trnL-UAA [57713..57747], trnL-UAA [58237..58286], trnV-UAC [complement(61762..61796)], trnV-UAC [complement(62407..62445)], rps12 [complement(81690..81803)], rps12 [156451..156682], rps12 [157219..157244], clpP [complement(82031..82276)], clpP [complement(82871..83162)], clpP [complement(83961..84076)], petB [87077..87082], petB [87933..88574], petD [88770..88777], petD [89551..90025], rpl2 [complement(96180..96613)], rpl2 [complement(97287..97677)], ndhB [complement(98408..99163)], ndhB [complement(99852..100598)], trnI-GAU [105745..105781], trnI-GAU [106746..106780], trnA-UGC [106840..106877], trnA-UGC [107684..107718], ndhA [124841..125393], ndhA [126514..127052], trnA-UGC [complement(151021..151055)], trnA-UGC [complement(151862..151899)], trnI-GAU [complement(151959..151993)], trnI-GAU [complement(152958..152994)], ndhB [158141..158887], ndhB [159576..160331], rpl2 [161062..161452], rpl2 [162126..162559]	trnK-UUU [complement(9808..12384)], trnG-UCC [15940..16655], atpF [complement(19207..19939)], rpoC1 [complement(29506..30248)], ycf3 [41519..42267], ycf3 [42498..43277], trnL-UAA [57748..58236], trnV-UAC [complement(61797..62406)], clpP [complement(82277..82870)], clpP [complement(83163..83960)], petB [87083..87932], petD [88778..89550], rpl2 [complement(96614..97286)], ndhB [complement(99164..99851)], trnI-GAU [105782..106745], trnA-UGC [106878..107683], ndhA [125394..126513], trnA-UGC [complement(151056..151861)], trnI-GAU [complement(151994..152957)], ndhB [158888..159575], rpl2 [161453..162125]
2711.	PEFR	72	rps12 [complement(97025..97050)], rps12 [complement(97587..97815)], rps12 [complement(69637..69750)], trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4256..4293)], rps16 [complement(4830..5056)], rps16 [complement(5924..5963)], trnG-UCC [9098..9133], trnG-UCC [9805..9846], atpF [complement(11831..12243)], atpF [complement(12935..13079)], rpoC1 [complement(20886..22502)], rpoC1 [complement(23275..23706)], ycf3 [complement(42064..42216)], ycf3 [complement(42955..43184)], ycf3	trnK-UUU [complement(1738..4255)], rps16 [complement(5057..5923)], trnG-UCC [9134..9804], atpF [complement(12244..12934)], rpoC1 [complement(22503..23274)], ycf3 [complement(42217..42954)], ycf3 [complement(43185..43899)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43900..44023)], trnL-UAA [47003..47038], trnL-UAA [47531..47579], trnV-UAC [complement(51311..51345)], trnV-UAC [complement(51916..51953)], rps12 [138493..138721], rps12 [139258..139283], clpP [complement(69868..70093)], clpP [complement(70730..71029)], clpP [complement(71715..71785)], petB [74691..74696], petB [75414..76055], petD [76244..76251], petD [76969..77443], rpl16 [complement(80885..81283)], rpl16 [complement(82152..82160)], rpl2 [complement(83828..84261)], rpl2 [complement(84926..85316)], ndhB [complement(94041..94796)], ndhB [complement(95463..96185)], trnI-GAU [101496..101528], trnI-GAU [102478..102518], trnA-UGC [102581..102615], trnA-UGC [103437..103471], ndhA [complement(118350..118888)], ndhA [complement(119925..120483)], trnA-UGC [complement(132837..132871)], trnA-UGC [complement(133690..133727)], trnI-GAU [complement(133792..133830)], trnI-GAU [complement(134780..134812)], ndhB [140123..140845], ndhB [141512..142267], rpl2 [150992..151382], rpl2 [152011..152480]	[47039..47530], trnV-UAC [complement(51346..51915)], clpP [complement(70094..70729)], clpP [complement(71030..71714)], petB [74697..75413], petD [76252..76968], rpl16 [complement(81284..82151)], rpl2 [complement(84262..84925)], ndhB [complement(94797..95462)], trnI-GAU [101529..102477], trnA-UGC [102616..103436], ndhA [complement(118889..119924)], trnA-UGC [complement(132872..133689)], trnI-GAU [complement(133831..134779)], ndhB [140846..141511], rpl2 [151383..152010]
2712.	PEFU	67	rps12 [complement(101252..101277)], rps12 [complement(101814..102045)], rps12 [complement(80930..81043)], trnK-UUU [complement(9590..9624)], trnK-UUU [complement(12177..12213)], trnG-UCC [15647..15669], trnG-UCC [16382..16429], atpF [complement(18499..18908)], atpF [complement(19641..19785)], rpoC1 [complement(27575..29203)], rpoC1 [complement(29945..30397)], ycf3 [40805..40928], ycf3 [41665..41894], ycf3 [42688..42840], trnL-UAA [56324..56360], trnL-UAA [56854..56903], trnV-UAC [complement(60350..60386)], trnV-UAC [complement(61000..61038)], rps12 [complement(80930..81043)], rps12 [158117..158348], rps12 [158885..158910], clpP [complement(81227..81472)], clpP [complement(82065..82356)], clpP [complement(83126..83241)], petB [86237..86242], petB [87087..87728], petD [87911..87918], petD [88647..89121], rpl2 [complement(95957..96390)], rpl2 [complement(97068..97458)], ndhB [complement(98187..98942)], ndhB [complement(99624..100370)], trnI-GAU [105893..105929], trnI-GAU [106890..106924], trnA-UGC [106984..107021], trnA-UGC [107828..107862],	trnK-UUU [complement(9625..12176)], trnG-UCC [15670..16381], atpF [complement(18909..19640)], rpoC1 [complement(29204..29944)], ycf3 [40929..41664], ycf3 [41895..42687], trnL-UAA [56361..56853], trnV-UAC [complement(60387..60999)], clpP [complement(81473..82064)], clpP [complement(82357..83125)], petB [86243..87086], petD [87919..88646], rpl2 [complement(96391..97067)], ndhB [complement(98943..99623)], trnI-GAU [105930..106889], trnA-UGC [107022..107827], ndhA [126130..127233], trnA-UGC [complement(152335..153140)], trnI-GAU [complement(153273..154232)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [125577..126129], ndhA [127234..127772], trnA-UGC [complement(152300..152334)], trnA-UGC [complement(153141..153178)], trnI-GAU [complement(153238..153272)], trnI-GAU [complement(154233..154269)], ndhB [159792..160538], ndhB [161220..161975], rpl2 [162704..163094], rpl2 [163772..164205]	ndhB [160539..161219], rpl2 [163095..163771]
2713.	PEHA	22	rps12 [complement(67494..67607)], rps12 [130445..130470]	trnK-UUU [complement(1841..4293)], rps16 [complement(5476..6255)], trnG-UCC [8670..9346], atpF [complement(11674..12373)], rpoC1 [complement(21928..22677)], ycf3 [complement(41686..42383)], ycf3 [complement(42614..43312)], trnL-UAA [46366..46849], trnV-UAC [complement(49956..50539)], clpP [complement(67968..68597)], clpP [complement(68890..69611)], petB [72583..73298], petD [74121..74916], rpl16 [complement(79171..80040)], rpl2 [complement(82152..82818)], trnI-GAU [99197..100145], trnA-UGC [100283..101099], trnA-UGC [complement(124035..124851)], trnI-GAU [complement(124989..125937)], rpl2 [142316..142982]
2714.	PEHB	73	rps12 [complement(100591..100616)], rps12 [complement(101153..101387)], rps12 [complement(72920..73033)], trnK [complement(1853..1887)], trnK [complement(4387..4423)], rps16 [complement(5121..5347)], rps16 [complement(6199..6238)], trnG [complement(9430..9452)], trnG [complement(10141..10188)], atpF [complement(12132..12541)], atpF [complement(13247..13391)], rpoC1 [complement(21426..23039)], rpoC1 [complement(23775..24206)], ycf3 [complement(44222..44374)], ycf3 [complement(45162..45391)], ycf3 [complement(46121..46244)], trnL	trnK [complement(1888..4386)], rps16 [complement(5348..6198)], trnG [complement(9453..10140)], atpF [complement(12542..13246)], rpoC1 [complement(23040..23774)], ycf3 [complement(44375..45161)], ycf3 [complement(45392..46120)], trnL [49298..49791], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49263..49297], trnL [49792..49841], trnV [complement(53734..53768)], trnV [complement(54341..54378)], rps12 [complement(72920..73033)], rps12 [142405..142636], rps12 [143173..143198], clpP [complement(73179..73406)], clpP [complement(74034..74325)], clpP [complement(75121..75191)], petB [78153..78158], petB [78912..79553], petD [79750..79757], petD [80505..80979], rpl16 [complement(84376..84771)], rpl16 [complement(85616..85624)], rpl2 [complement(87281..87714)], rpl2 [complement(88381..88771)], ndhB [complement(97574..98329)], ndhB [complement(99009..99785)], trnI [105112..105148], trnI [105866..105900], trnA [105965..106002], trnA [106685..106719], ndhA [complement(122257..122795)], ndhA [complement(123971..124523)], trnA [complement(137070..137107)], trnA [complement(137790..137824)], trnI [complement(137889..137925)], trnI [complement(138622..138670)], ndhB [144004..144780], ndhB [145460..146215], rpl2 [155018..155408], rpl2 [156075..156508]	[complement(53769..54340)], clpP [complement(73407..74033)], clpP [complement(74326..75120)], petB [78159..78911], petD [79758..80504], rpl16 [complement(84772..85615)], rpl2 [complement(87715..88380)], ndhB [complement(98330..99008)], trnI [105149..105865], trnA [106003..106684], ndhA [complement(122796..123970)], trnA [complement(137108..137789)], trnI [complement(137926..138621)], ndhB [144781..145459], rpl2 [155409..156074]
2715.	PEHI	63	rps12 [complement(97116..97141)], rps12 [complement(97689..97920)], rps12 [complement(68396..68509)], trnK-UUU [complement(1406..1431)], trnK-UUU [complement(4394..4430)], rps16 [complement(4918..5147)], rps16 [complement(6036..6075)], trnG-GCC [9700..9722], trnG-GCC [10425..10471], atpF [complement(12425..12835)], atpF [complement(13825..13968)], rpoC1 [complement(21350..22966)], rpoC1 [complement(23709..24143)], ycf3 [complement(43818..43970)], ycf3 [complement(44723..44952)], ycf3 [complement(45680..45803)], trnL-UAA [48407..48441], trnL-UAA [49180..49229], trnV-UAC [complement(50174..50208)], trnV-UAC [complement(50791..50829)], rps12 [131000..131231], rps12 [131779..131804], clpP [complement(68643..68894)], clpP [complement(69562..69852)], clpP [complement(70853..70921)], petB [74502..74507], petB [75238..75879], petD [76066..76073], petD [76920..77403], rpl16 [complement(80979..81377)], rpl16 [complement(82517..82525)], rpl2 [complement(84502..84933)], rpl2 [complement(85595..85981)], trnI-GAU [101909..101950], trnI-GAU [102881..102915], trnA-UGC [102979..103016], trnA-UGC [103812..103846],	trnK-UUU [complement(1432..4393)], rps16 [complement(5148..6035)], trnG-GCC [9723..10424], atpF [complement(12836..13824)], rpoC1 [complement(22967..23708)], ycf3 [complement(43971..44722)], ycf3 [complement(44953..45679)], trnL-UAA [48442..49179], trnV-UAC [complement(50209..50790)], clpP [complement(68895..69561)], clpP [complement(69853..70852)], petB [74508..75237], petD [76074..76919], rpl16 [complement(81378..82516)], rpl2 [complement(84934..85594)], trnI-GAU [101951..102880], trnA-UGC [103017..103811], trnA-UGC [complement(125109..125903)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(125074..125108)], trnA-UGC [complement(125904..125941)], trnI-GAU [complement(126005..126039)], trnI-GAU [complement(126970..127011)], rpl2 [142939..143325], rpl2 [143987..144418]	[complement(126040..126969)], rpl2 [143326..143986]
2716.	PEHO	4	rps12 [complement(155154..155267)], rps12 [complement(187740..187765)], clpP [complement(157445..157560)]	ndhA [complement(141636..142752)]
2717.	PEHY	46	rps12 [complement(98090..98332)], rps12 [complement(69913..70050)], trnK-UUU [complement(3049..3083)], trnK-UUU [complement(5627..5663)], rps16 [complement(6488..6702)], rps16 [complement(7540..7579)], atpF [28860..29269], trnG-UCC [complement(31257..31303)], trnG-UCC [complement(32056..32078)], ycf3 [complement(44148..44377)], trnL-UAA [48087..48123], trnL-UAA [48564..48613], trnV-UAC [complement(52172..52208)], trnV-UAC [complement(52783..52820)], rps12 [138683..138925], clpP [complement(70210..70438)], clpP [complement(71061..71351)], petD [76793..76801], trnI-GAU [102244..102285], trnI-GAU [103058..103092], trnA-UGC [103157..103194], trnA-UGC [104035..104069], trnA-UGC [complement(132946..132980)], trnA-UGC [complement(133821..133858)], trnI-GAU [complement(133923..133957)], trnI-GAU [complement(134730..134771)]	trnK-UUU [complement(3084..5626)], rps16 [complement(6703..7539)], atpF [28157..28859], trnG-UCC [complement(31304..32055)], ycf3 [complement(43401..44147)], ycf3 [complement(44378..45077)], trnL-UAA [48124..48563], trnV-UAC [complement(52209..52782)], clpP [complement(70439..71060)], clpP [complement(71352..72169)], petB [75188..75955], petD [76802..77524], rpl2 [complement(85051..85723)], ndhB [complement(95282..95952)], trnI-GAU [102286..103057], trnA-UGC [103195..104034], ndhA [116182..117283], trnA-UGC [complement(132981..133820)], trnI-GAU [complement(133958..134729)], ndhB [141063..141733]
2718.	PEIN	67	rps12 [complement(102970..102995)], rps12 [complement(103532..103763)], rps12 [complement(82595..82708)], trnK-UUU [complement(9576..9610)], trnK-UUU [complement(12167..12203)], trnG-UCC [15658..15679], trnG-UCC [16384..16431], atpF [complement(18494..18903)], atpF [complement(19636..19780)], rpoC1 [complement(27548..29182)], rpoC1 [complement(29925..30377)], ycf3 [41842..41965], ycf3 [42701..42930], ycf3 [43715..43867], trnL-UAA [57331..57365], trnL-UAA [57856..57905], trnV-UAC [complement(61342..61376)], trnV-UAC [complement(61992..62030)],	trnK-UUU [complement(9611..12166)], trnG-UCC [15680..16383], atpF [complement(18904..19635)], rpoC1 [complement(29183..29924)], ycf3 [41966..42700], ycf3 [42931..43714], trnL-UAA [57366..57855], trnV-UAC [complement(61377..61991)], clpP [complement(83138..83731)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(82595..82708)], rps12 [159750..159981], rps12 [160518..160543], clpP [complement(82892..83137)], clpP [complement(83732..84023)], clpP [complement(84792..84907)], petB [87895..87900], petB [88745..89386], petD [89568..89575], petD [90304..90778], rpl2 [complement(97680..98113)], rpl2 [complement(98783..99173)], ndhB [complement(99905..100660)], ndhB [complement(101342..102088)], trnI-GAU [107627..107663], trnI-GAU [108624..108658], trnA-UGC [108718..108755], trnA-UGC [109569..109603], ndhA [127251..127803], ndhA [128907..129445], trnA-UGC [complement(153910..153944)], trnA-UGC [complement(154758..154795)], trnI-GAU [complement(154855..154889)], trnI-GAU [complement(155850..155886)], ndhB [161425..162171], ndhB [162853..163608], rpl2 [164340..164730], rpl2 [165400..165833]	[complement(84024..84791)], petB [87901..88744], petD [89576..90303], rpl2 [complement(98114..98782)], ndhB [complement(100661..101341)], trnI-GAU [107664..108623], trnA-UGC [108756..109568], ndhA [127804..128906], trnA-UGC [complement(153945..154757)], trnI-GAU [complement(154890..155849)], ndhB [162172..162852], rpl2 [164731..165399]
2719.	PEIO	17	clpP [complement(70249..70479)], clpP [complement(71099..71389)], clpP [complement(72229..72297)], petB [75249..75254], petB [76007..76660], rpl16 [complement(81538..81936)], rpl16 [complement(82901..82909)], rpl2 [complement(84597..85030)], rpl2 [complement(85682..86072)], ndhB [complement(94351..95106)], ndhB [complement(95789..96565)]	clpP [complement(70480..71098)], clpP [complement(71390..72228)], petB [75255..76006], rpl16 [complement(81937..82900)], rpl2 [complement(85031..85681)], ndhB [complement(95107..95788)]
2720.	PEIS	20	-	trnK-UUU [complement(1865..4337)], rps16 [complement(5557..6454)], trnG-UCC [8955..9624], atpF [complement(12024..12713)], rpoC1 [complement(22164..22916)], ycf3 [complement(41852..42540)], ycf3 [complement(42771..43479)], trnL-UAA [46478..46971], trnV-UAC [complement(49876..50451)], clpP [complement(68326..68963)], clpP [complement(69256..69965)], petB [72918..73634], petD [74457..75237], rpl16 [complement(79500..80380)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(82485..83151)], trnI-GAU [99156..100101], trnA-UGC [100239..101055], trnA-UGC [complement(133535..134351)], trnI-GAU [complement(134489..135434)], rpl2 [151439..152105]
2721.	PEJA	78	rps12 [complement(97747..97772)], rps12 [complement(98309..98540)], rps12 [complement(69766..69879)], trnK-UUU [complement(1560..1594)], trnK-UUU [complement(4126..4162)], rps16 [complement(4867..5063)], rps16 [complement(5918..5957)], trnG-UCC [9036..9058], trnG-UCC [9760..9807], atpF [complement(11697..12097)], atpF [complement(12809..12953)], rpoC1 [complement(20937..22541)], rpoC1 [complement(23290..23721)], ycf3 [complement(42968..43120)], ycf3 [complement(43906..44133)], ycf3 [complement(44851..44976)], trnL-UAA [48057..48091], trnL-UAA [48594..48643], trnV-UAC [complement(52235..52269)], trnV-UAC [complement(52838..52876)], rps12 [141698..141929], rps12 [142466..142491], clpP [complement(70024..70254)], clpP [complement(70880..71171)], clpP [complement(72017..72087)], petB [75028..75033], petB [75793..76434], petD [76614..76621], petD [77372..77846], rpl16 [complement(81350..81748)], rpl16 [complement(82698..82706)], rpl2 [complement(84403..84836)], rpl2 [complement(85488..85881)], ndhB [complement(94711..95466)], ndhB [complement(96149..96925)], trnI-GAU [102475..102511], trnI-GAU [103480..103514], trnA-UGC [103579..103616], trnA-UGC [104432..104466], ndhA [complement(121287..121825)], ndhA [complement(122915..123467)], trnA-UGC [complement(135772..135806)], trnA-UGC [complement(136622..136659)], trnI-GAU [complement(136724..136758)], trnI-GAU [complement(137727..137763)], ndhB [143313..144089], ndhB [144772..145527], rpl2 [154357..154750], rpl2 [155402..155835], rpl16 [157532..157540], rpl16 [158490..158888], petD [complement(162392..162866)], petD [complement(163617..163624)]	trnK-UUU [complement(1595..4125)], rps16 [complement(5064..5917)], trnG-UCC [9059..9759], atpF [complement(12098..12808)], rpoC1 [complement(22542..23289)], ycf3 [complement(43121..43905)], ycf3 [complement(44134..44850)], trnL-UAA [48092..48593], trnV-UAC [complement(52270..52837)], clpP [complement(70255..70879)], clpP [complement(71172..72016)], petB [75034..75792], petD [76622..77371], rpl16 [complement(81749..82697)], rpl2 [complement(84837..85487)], ndhB [complement(95467..96148)], trnI-GAU [102512..103479], trnA-UGC [103617..104431], ndhA [complement(121826..122914)], trnA-UGC [complement(135807..136621)], trnI-GAU [complement(136759..137726)], ndhB [144090..144771], rpl2 [154751..155401], rpl16 [157541..158489], petD [complement(162867..163616)]
2722.	PEJI	63	rps12 [complement(97529..97554)], rps12 [complement(98082..98313)],	trnK-UUU [complement(1730..4227)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(70040..70153)], trnK-UUU [complement(1694..1729)], trnK-UUU [complement(4228..4264)], rps16 [complement(5086..5295)], rps16 [complement(6163..6204)], atpF [complement(12142..12552)], atpF [complement(13251..13394)], rpoC1 [complement(21077..22687)], rpoC1 [complement(23499..23951)], ycf3 [complement(42645..42797)], ycf3 [complement(43504..43731)], ycf3 [complement(44434..44559)], trnL-UAA [47500..47536], trnL-UAA [48013..48060], trnV-UAC [complement(51836..51870)], trnV-UAC [complement(52456..52493)], rps12 [138898..139129], rps12 [139657..139682], clpP [complement(70282..70509)], clpP [complement(71162..71452)], clpP [complement(72267..72335)], rpl16 [complement(81396..81797)], rpl16 [complement(82621..82629)], rpl2 [complement(84242..84676)], rpl2 [complement(85350..85739)], ndhB [complement(94521..95276)], ndhB [complement(95956..96732)], trnI-GAU [101999..102035], trnI-GAU [102978..103012], trnA-UGC [103083..103120], trnA-UGC [103931..103965], ndhA [complement(119232..119591)], ndhA [complement(120647..121198)], trnA-UGC [complement(133246..133280)], trnA-UGC [complement(134091..134128)], trnI-GAU [complement(134199..134233)], trnI-GAU [complement(135176..135212)], ndhB [140479..141255], ndhB [141935..142690], rpl2 [151472..151861], rpl2 [152535..152969]</p>	<p>[complement(5296..6162)], atpF [complement(12553..13250)], rpoC1 [complement(22688..23498)], ycf3 [complement(42798..43503)], ycf3 [complement(43732..44433)], trnL-UAA [47537..48012], trnV-UAC [complement(51871..52455)], clpP [complement(70510..71161)], clpP [complement(71453..72266)], rpl16 [complement(81798..82620)], rpl2 [complement(84677..85349)], ndhB [complement(95277..95955)], trnI-GAU [102036..102977], trnA-UGC [103121..103930], ndhA [complement(119592..120646)], trnA-UGC [complement(133281..134090)], trnI-GAU [complement(134234..135175)], ndhB [141256..141934], rpl2 [151862..152534]</p>
2723.	PELI	73	<p>rps12 [complement(100658..100683)], rps12 [complement(101220..101451)], rps12 [complement(72608..72721)], trnK-UUU [complement(1669..1703)], trnK-UUU [complement(4223..4259)], rps16 [complement(5118..5342)], rps16 [complement(6246..6284)], trnG-UCC [10030..10052], trnG-UCC [10745..10792], atpF [complement(12701..13108)], atpF [complement(13819..13977)], rpoC1 [complement(21951..23570)], rpoC1 [complement(24337..24771)], ycf3 [complement(43795..43947)], ycf3 [complement(44681..44908)], ycf3 [complement(45631..45756)], trnL-UAA [49056..49090], trnL-UAA [49607..49656], trnV-UAC [complement(53599..53635)], trnV-UAC [complement(54216..54254)], rps12 [complement(72608..72721)], rps12 [143341..143572], rps12 [144109..144134], clpP [complement(72860..73087)], clpP</p>	<p>trnK-UUU [complement(1704..4222)], rps16 [complement(5343..6245)], trnG-UCC [10053..10744], atpF [complement(13109..13818)], rpoC1 [complement(23571..24336)], ycf3 [complement(43948..44680)], ycf3 [complement(44909..45630)], trnL-UAA [49091..49606], trnV-UAC [complement(53636..54215)], clpP [complement(73088..73754)], clpP [complement(74046..74829)], petB [77825..78590], petD [79429..80190], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73755..74045)], clpP [complement(74830..74898)], petB [77819..77824], petB [78591..79232], petD [79421..79428], petD [80191..80665], rpl16 [complement(84146..84547)], rpl16 [complement(85580..85588)], rpl2 [complement(87268..87702)], rpl2 [complement(88365..88757)], ndhB [complement(97610..98365)], ndhB [complement(99045..99821)], trnI-GAU [105397..105438], trnI-GAU [106379..106413], trnA-UGC [106478..106515], trnA-UGC [107324..107358], ndhA [complement(122816..123355)], ndhA [complement(124471..125022)], trnA-UGC [complement(137434..137468)], trnA-UGC [complement(138277..138314)], trnI-GAU [complement(138379..138413)], trnI-GAU [complement(139354..139395)], ndhB [144971..145747], ndhB [146427..147182], rpl2 [156035..156424], rpl2 [157090..157524]	[complement(84548..85579)], rpl2 [complement(87703..88364)], ndhB [complement(98366..99044)], trnI-GAU [105439..106378], trnA-UGC [106516..107323], ndhA [complement(123356..124470)], trnA-UGC [complement(137469..138276)], trnI-GAU [complement(138414..139353)], ndhB [145748..146426], rpl2 [156425..157089]
2724.	PELU	33	rps12 [complement(98040..98065)], rps12 [complement(98602..98833)], rps12 [complement(70268..70381)], rps16 [complement(4909..5135)], rps16 [complement(5970..6009)], atpF [complement(11427..11836)], atpF [complement(12541..12676)], ycf3 [complement(43452..43604)], ycf3 [complement(44376..44605)], ycf3 [complement(45324..45447)], rps12 [139835..140066], rps12 [140603..140628], clpP [complement(70524..70752)], clpP [complement(71405..71695)], clpP [complement(72449..72519)], petB [75435..75440], petB [76182..76823], petD [77012..77019], petD [77738..78212], rpl16 [complement(81664..82062)], rpl16 [complement(83094..83102)], rpl2 [complement(84753..85186)], rpl2 [complement(85835..86225)], ndhB [complement(95023..95778)], ndhB [complement(96467..97243)], ndhA [complement(119871..120409)], ndhA [complement(121425..121977)], ndhB [141425..142201], ndhB [142890..143645], rpl2 [152443..152833], rpl2 [153482..153915]	clpP [complement(70753..71404)], clpP [complement(71696..72448)]
2725.	PEMA	73	rps12 [complement(101663..101688)], rps12 [complement(102225..102456)], rps12 [complement(73692..73805)], trnK-UUU [complement(1768..1802)], trnK-UUU [complement(4308..4344)], rps16 [complement(5204..5429)], rps16 [complement(6282..6319)], trnG-GCC [10084..10106], trnG-GCC [10811..10858], atpF [complement(12863..13271)], atpF [complement(13982..14139)], rpoC1 [complement(21900..23526)], rpoC1	trnK-UUU [complement(1803..4307)], rps16 [complement(5430..6281)], trnG-GCC [10107..10810], atpF [complement(13272..13981)], rpoC1 [complement(23527..24253)], ycf3 [complement(44936..45688)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(24254..24687)], ycf3 [complement(44783..44935)], ycf3 [complement(45689..45916)], ycf3 [complement(46637..46762)], trnL-UAA [49972..50008], trnL-UAA [50519..50568], trnV-UAC [complement(54568..54604)], trnV-UAC [complement(55205..55243)], rps12 [complement(73692..73805)], rps12 [144336..144567], rps12 [145104..145129], clpP [complement(73945..74173)], clpP [complement(74815..75105)], clpP [complement(75920..75987)], petB [78911..78916], petB [79658..80314], petD [80508..80516], petD [81234..81758], rpl16 [complement(85207..85608)], rpl16 [complement(86670..86678)], rpl2 [complement(88254..88688)], rpl2 [complement(89350..89742)], ndhB [complement(98605..99360)], ndhB [complement(100040..100816)], trnI-GAU [106373..106414], trnI-GAU [107356..107390], trnA-UGC [107455..107492], trnA-UGC [108300..108334], ndhA [complement(123945..124483)], ndhA [complement(125584..126136)], trnA-UGC [complement(138458..138492)], trnA-UGC [complement(139300..139337)], trnI-GAU [complement(139402..139436)], trnI-GAU [complement(140378..140419)], ndhB [145976..146752], ndhB [147432..148187], rpl2 [157050..157442], rpl2 [158104..158538]</p>	<p>[complement(45917..46636)], trnL-UAA [50009..50518], trnV-UAC [complement(54605..55204)], clpP [complement(74174..74814)], clpP [complement(75106..75919)], petB [78917..79657], petD [80517..81233], rpl16 [complement(85609..86669)], rpl2 [complement(88689..89349)], ndhB [complement(99361..100039)], trnI-GAU [106415..107355], trnA-UGC [107493..108299], ndhA [complement(124484..125583)], trnA-UGC [complement(138493..139299)], trnI-GAU [complement(139437..140377)], ndhB [146753..147431], rpl2 [157443..158103]</p>
2726.	PEMY	64	<p>rps12 [complement(96478..96503)], rps12 [complement(97040..97271)], rps12 [complement(70529..70642)], trnK-UUU [complement(2768..2802)], trnK-UUU [complement(5327..5363)], trnG-UCC [8768..8790], trnG-UCC [9505..9552], atpF [complement(11645..12054)], atpF [complement(12780..12924)], rpoC1 [21927..22370], rpoC1 [23104..24783], ycf3 [32638..32761], ycf3 [33494..33723], ycf3 [34524..34676], trnL-UAA [47992..48028], trnL-UAA [48426..48475], trnV-UAC [complement(51834..51870)], trnV-UAC [complement(52474..52512)], rps12 [151869..152100], rps12 [152637..152662], petB [74537..74542], petB [75342..75983], petD [76172..76179], petD [76878..77352], rpl2 [complement(91223..91657)], rpl2 [complement(92322..92720)], ndhB [complement(93423..94178)], ndhB [complement(94859..95605)], trnI-GAU [100915..100956], trnI-GAU [101903..101937], trnA-UGC [101997..102034], trnA-UGC [102832..102866], ndhA [120066..120618], ndhA</p>	<p>trnK-UUU [complement(2803..5326)], trnG-UCC [8791..9504], atpF [complement(12055..12779)], rpoC1 [22371..23103], ycf3 [32762..33493], ycf3 [33724..34523], trnL-UAA [48029..48425], trnV-UAC [complement(51871..52473)], petB [74543..75341], petD [76180..76877], rpl2 [complement(91658..92321)], ndhB [complement(94179..94858)], trnI-GAU [100957..101902], trnA-UGC [102035..102831], ndhA [120619..121712], trnA-UGC [complement(146309..147105)], trnI-GAU [complement(147238..148183)], ndhB [154282..154961], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[121713..122251], trnA-UGC [complement(146274..146308)], trnA-UGC [complement(147106..147143)], trnI-GAU [complement(147203..147237)], trnI-GAU [complement(148184..148225)], ndhB [153535..154281], ndhB [154962..155717], rpl2 [156420..156810], rpl2 [157484..157917], petD [complement(171788..172262)], petD [complement(172961..172968)]	[156811..157483], petD [complement(172263..172960)]
2727.	PENA	67	rps12 [complement(102508..102533)], rps12 [complement(103070..103301)], rps12 [complement(81951..82064)], trnK-UUU [complement(9652..9686)], trnK-UUU [complement(12243..12279)], trnG-UCC [15755..15777], trnG-UCC [16490..16537], atpF [complement(18637..19046)], atpF [complement(19780..19924)], rpoC1 [complement(27773..29392)], rpoC1 [complement(30141..30593)], ycf3 [42480..42603], ycf3 [43337..43566], ycf3 [44359..44511], trnL-UAA [58058..58092], trnL-UAA [58588..58637], trnV-UAC [complement(62086..62120)], trnV-UAC [complement(62731..62769)], rps12 [complement(81951..82064)], rps12 [159916..160147], rps12 [160684..160709], clpP [complement(82254..82499)], clpP [complement(83097..83388)], clpP [complement(84169..84284)], petB [87286..87291], petB [88136..88777], petD [88973..88980], petD [89709..90183], rpl2 [complement(97219..97652)], rpl2 [complement(98326..98716)], ndhB [complement(99443..100198)], ndhB [complement(100880..101626)], trnI-GAU [107150..107186], trnI-GAU [108143..108177], trnA-UGC [108237..108274], trnA-UGC [109081..109115], ndhA [127058..127610], ndhA [128706..129244], trnA-UGC [complement(154102..154136)], trnA-UGC [complement(154943..154980)], trnI-GAU [complement(155040..155074)], trnI-GAU [complement(156031..156067)], ndhB [161591..162337], ndhB [163019..163774], rpl2 [164501..164891], rpl2 [165565..165998]	trnK-UUU [complement(9687..12242)], trnG-UCC [15778..16489], atpF [complement(19047..19779)], rpoC1 [complement(29393..30140)], ycf3 [42604..43336], ycf3 [43567..44358], trnL-UAA [58093..58587], trnV-UAC [complement(62121..62730)], clpP [complement(82500..83096)], clpP [complement(83389..84168)], petB [87292..88135], petD [88981..89708], rpl2 [complement(97653..98325)], ndhB [complement(100199..100879)], trnI-GAU [107187..108142], trnA-UGC [108275..109080], ndhA [127611..128705], trnA-UGC [complement(154137..154942)], trnI-GAU [complement(155075..156030)], ndhB [162338..163018], rpl2 [164892..165564]
2728.	PEQI	47	rps12 [124481..124594], rps12 [91287..91518], rps12 [92055..92080], trnK-UUU [complement(2339..2373)], trnK-UUU [complement(4929..4968)], trnG-UCC [8407..8429], trnG-UCC [9142..9189], trnL-UAA [52902..52938], trnL-UAA [53315..53364], trnV-UAC [complement(56747..56783)], trnV-UAC [complement(57393..57431)], trnA-UGC [complement(85536..85570)], trnA-UGC [complement(86368..86405)], trnI-GAU [complement(86465..86499)],	trnK-UUU [complement(2374..4928)], trnG-UCC [8430..9141], atpF [complement(11704..12447)], rpoC1 [complement(22076..22836)], ycf3 [32660..33388], ycf3 [33619..34405], trnL-UAA [52939..53314], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(87452..87493)], rps12 [complement(190302..190533)], rps12 [complement(189740..189765)], clpP [complement(159515..159630)], trnI-GAU [194327..194368], trnI-GAU [195321..195355], trnA-UGC [195415..195452], trnA-UGC [196250..196284]	[complement(56784..57392)], trnA-UGC [complement(85571..86367)], trnI-GAU [complement(86500..87451)], ndhB [93709..94388], rpl2 [96246..96918], petD [complement(116824..117513)], petB [complement(118362..119177)], clpP [122306..123073], clpP [123366..123952], ndhA [136999..138086], clpP [complement(157868..158454)], clpP [complement(158747..159514)], petB [162643..163458], petD [164307..164996], rpl2 [complement(184902..185574)], ndhB [complement(187432..188111)], trnI-GAU [194369..195320], trnA-UGC [195453..196249]
2729.	PEQU	67	rps12 [complement(100058..100083)], rps12 [complement(100620..100851)], rps12 [complement(79784..79897)], trnK-UUU [complement(9628..9662)], trnK-UUU [complement(12219..12255)], trnG-UCC [15698..15720], trnG-UCC [16425..16471], atpF [complement(18572..18981)], atpF [complement(19714..19858)], rpoC1 [complement(27619..29247)], rpoC1 [complement(29984..30436)], ycf3 [41136..41259], ycf3 [41993..42222], ycf3 [43007..43159], trnL-UAA [56631..56665], trnL-UAA [57172..57221], trnV-UAC [complement(60275..60309)], trnV-UAC [complement(60925..60963)], rps12 [complement(79784..79897)], rps12 [157262..157493], rps12 [158030..158055], clpP [complement(80082..80327)], clpP [complement(80926..81217)], clpP [complement(81992..82107)], petB [85102..85107], petB [85957..86598], petD [86795..86802], petD [87532..88006], rpl2 [complement(94739..95172)], rpl2 [complement(95871..96261)], ndhB [complement(96988..97743)], ndhB [complement(98430..99176)], trnI-GAU [104695..104731], trnI-GAU [105688..105722], trnA-UGC [105782..105819], trnA-UGC [106626..106660], ndhA [124530..125082], ndhA [126165..126703], trnA-UGC	trnK-UUU [complement(9663..12218)], trnG-UCC [15721..16424], atpF [complement(18982..19713)], rpoC1 [complement(29248..29983)], ycf3 [41260..41992], ycf3 [42223..43006], trnL-UAA [56666..57171], trnV-UAC [complement(60310..60924)], clpP [complement(80328..80925)], clpP [complement(81218..81991)], petB [85108..85956], petD [86803..87531], rpl2 [complement(95173..95870)], ndhB [complement(97744..98429)], trnI-GAU [104732..105687], trnA-UGC [105820..106625], ndhA [125083..126164], trnA-UGC [complement(151488..152293)], trnI-GAU [complement(152426..153381)], ndhB [159684..160369], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(151453..151487)], trnA-UGC [complement(152294..152331)], trnI-GAU [complement(152391..152425)], trnI-GAU [complement(153382..153418)], ndhB [158937..159683], ndhB [160370..161125], rpl2 [161852..162242], rpl2 [162941..163374]	[162243..162940]
2730.	PERU	19	trnG-UCC [9134..9156], trnG-UCC [9852..9899], trnL-UAA [49041..49075], trnL-UAA [49592..49641], trnV-UAC [complement(52785..52819)], trnV-UAC [complement(53417..53455)], rps12 [142688..142713], ndhA [complement(121496..122035)]	rps16 [complement(5522..6377)], trnG-UCC [9157..9851], atpF [complement(12715..13445)], rpoC1 [complement(23103..23871)], ycf3 [complement(44044..44794)], ycf3 [complement(45023..45743)], trnL-UAA [49076..49591], trnV-UAC [complement(52820..53416)], ndhA [complement(122036..123198)], ndhB [144337..145016], rpl2 [155277..155955]
2731.	PESC	63	rps12 [complement(99007..99032)], rps12 [complement(99580..99811)], rps12 [complement(70797..70910)], trnK-UUU [complement(1406..1440)], trnK-UUU [complement(4215..4251)], rps16 [complement(4734..4978)], rps16 [complement(5897..5936)], trnG-GCC [9403..9425], trnG-GCC [10119..10167], atpF [complement(12074..12484)], atpF [complement(13436..13579)], rpoC1 [complement(20964..22571)], rpoC1 [complement(23310..23741)], ycf3 [complement(43601..43753)], ycf3 [complement(44511..44740)], ycf3 [complement(45461..45584)], trnL-UAA [48191..48225], trnL-UAA [49006..49055], trnV-UAC [complement(51840..51876)], trnV-UAC [complement(52457..52495)], rps12 [133125..133356], rps12 [133904..133929], clpP [complement(71037..71288)], clpP [complement(71959..72250)], clpP [complement(73250..73320)], petB [76647..76652], petB [77380..78021], petD [78208..78215], petD [79060..79543], rpl16 [complement(83132..83530)], rpl16 [complement(84864..84872)], rpl2 [complement(86831..87261)], rpl2 [complement(87925..88309)], trnI-GAU [103836..103877], trnI-GAU [104818..104852], trnA-UGC [104916..104953], trnA-UGC [105757..105791], trnA-UGC [complement(127145..127179)], trnA-UGC	trnK-UUU [complement(1441..4214)], rps16 [complement(4979..5896)], trnG-GCC [9426..10118], atpF [complement(12485..13435)], rpoC1 [complement(22572..23309)], ycf3 [complement(43754..44510)], ycf3 [complement(44741..45460)], trnL-UAA [48226..49005], trnV-UAC [complement(51877..52456)], clpP [complement(71289..71958)], clpP [complement(72251..73249)], petB [76653..77379], petD [78216..79059], rpl16 [complement(83531..84863)], rpl2 [complement(87262..87924)], trnI-GAU [103878..104817], trnA-UGC [104954..105756], trnA-UGC [complement(127180..127982)], trnI-GAU [complement(128119..129058)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(127983..128020)], trnI-GAU [complement(128084..128118)], trnI-GAU [complement(129059..129100)], rpl2 [144627..145011], rpl2 [145675..146105]	[145012..145674]
2732.	PESE	72	rps12 [complement(97077..97102)], rps12 [complement(97639..97867)], rps12 [complement(69681..69794)], trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4283..4320)], rps16 [complement(4859..5085)], rps16 [complement(5956..5995)], trnG-UCC [9127..9162], trnG-UCC [9834..9875], atpF [complement(11860..12272)], atpF [complement(12965..13109)], rpoC1 [complement(20919..22535)], rpoC1 [complement(23308..23739)], ycf3 [complement(42095..42247)], ycf3 [complement(42987..43216)], ycf3 [complement(43932..44055)], trnL-UAA [47046..47081], trnL-UAA [47573..47621], trnV-UAC [complement(51353..51387)], trnV-UAC [complement(51958..51995)], rps12 [138547..138775], rps12 [139312..139337], clpP [complement(69912..70137)], clpP [complement(70777..71076)], clpP [complement(71762..71832)], petB [74739..74744], petB [75469..76110], petD [76299..76306], petD [77024..77498], rpl16 [complement(80937..81335)], rpl16 [complement(82204..82212)], rpl2 [complement(83880..84313)], rpl2 [complement(84978..85368)], ndhB [complement(94093..94848)], ndhB [complement(95515..96237)], trnI-GAU [101548..101580], trnI-GAU [102530..102570], trnA-UGC [102633..102667], trnA-UGC [103489..103523], ndhA [complement(118402..118940)], ndhA [complement(119979..120537)], trnA-UGC [complement(132891..132925)], trnA-UGC [complement(133744..133781)], trnI-GAU [complement(133846..133884)], trnI-GAU [complement(134834..134866)], ndhB [140177..140899], ndhB [141566..142321], rpl2 [151046..151436], rpl2 [152065..152534]	trnK-UUU [complement(1738..4282)], rps16 [complement(5086..5955)], trnG-UCC [9163..9833], atpF [complement(12273..12964)], rpoC1 [complement(22536..23307)], ycf3 [complement(42248..42986)], ycf3 [complement(43217..43931)], trnL-UAA [47082..47572], trnV-UAC [complement(51388..51957)], clpP [complement(70138..70776)], clpP [complement(71077..71761)], petB [74745..75468], petD [76307..77023], rpl16 [complement(81336..82203)], rpl2 [complement(84314..84977)], ndhB [complement(94849..95514)], trnI-GAU [101581..102529], trnA-UGC [102668..103488], ndhA [complement(118941..119978)], trnA-UGC [complement(132926..133743)], trnI-GAU [complement(133885..134833)], ndhB [140900..141565], rpl2 [151437..152064]
2733.	PESP	47	rps12 [120726..120839], rps12 [90375..90606], rps12 [91143..91168], trnK-UUU [complement(2527..2561)], trnK-UUU [complement(5107..5143)], trnG-UCC [8807..8829], trnG-UCC [9540..9587], trnL-UAA [50011..50047], trnL-UAA [50423..50472], trnV-UAC [complement(53971..54007)], trnV-UAC [complement(54614..54652)], trnA-UGC [complement(83147..83181)], trnA-UGC [complement(83981..84018)], trnI-GAU [complement(84078..84112)],	trnK-UUU [complement(2562..5106)], trnG-UCC [8830..9539], atpF [complement(12094..12829)], rpoC1 [complement(22501..23252)], ycf3 [34202..34931], ycf3 [35162..35948], trnL-UAA [50048..50422], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(85062..85103)], rps12 [complement(183770..184001)], rps12 [complement(183208..183233)], clpP [complement(155822..155937)], trnI-GAU [189273..189314], trnI-GAU [190264..190298], trnA-UGC [190358..190395], trnA-UGC [191195..191229]	[complement(54008..54613)], trnA-UGC [complement(83182..83980)], trnI-GAU [complement(84113..85061)], ndhB [92792..93471], rpl2 [95329..96001], petD [complement(113080..113786)], petB [complement(114633..115439)], clpP [118555..119327], clpP [119620..120210], ndhA [complement(140041..141134)], clpP [complement(154166..154756)], clpP [complement(155049..155821)], petB [158937..159743], petD [160590..161296], rpl2 [complement(178375..179047)], ndhB [complement(180905..181584)], trnI-GAU [189315..190263], trnA-UGC [190396..191194]
2734.	PEST	46	rps12 [complement(70804..71043)], rps12 [complement(64541..64654)], rps4 [complement(103831..103835)], rps4 [complement(1..604)], trnL-UAA [1543..1577], trnL-UAA [2076..2125], atpF [20394..20537], atpF [21295..21705], trnG-UCC [complement(23634..23681)], trnG-UCC [complement(24450..24473)], rps16 [27773..27812], rps16 [28647..28858], trnK-UUU [29535..29571], trnK-UUU [32130..32164], rpl16 [complement(37984..38385)], rpl16 [complement(39355..39363)], rpl2 [complement(41273..41704)], rpl2 [complement(42361..42753)], trnV-UAC [complement(53657..53693)], trnV-UAC [complement(54274..54312)], rps12 [95518..95757], clpP [complement(64794..65045)], clpP [complement(65722..66012)], clpP [complement(66840..66908)], trnI-GAU [74924..74965], trnI-GAU [75903..75937], trnA-UGC [76001..76038], trnA-UGC [76842..76876], clpP [99653..99721], clpP [100549..100839], clpP [101516..101767]	rps4 [complement(103836..0)], trnL-UAA [1578..2075], atpF [20538..21294], trnG-UCC [complement(23682..24449)], rps16 [27813..28646], trnK-UUU [29572..32129], rpl16 [complement(38386..39354)], rpl2 [complement(41705..42360)], trnV-UAC [complement(53694..54273)], clpP [complement(65046..65721)], clpP [complement(66013..66839)], trnI-GAU [74966..75902], trnA-UGC [76039..76841], clpP [99722..100548], clpP [100840..101515]
2735.	PETE	64	rps12 [complement(96094..96119)], rps12 [complement(96656..96887)], rps12 [complement(69999..70112)], trnK-UUU [complement(2636..2670)], trnK-UUU [complement(5221..5257)], trnG-UCC [8664..8686], trnG-UCC	trnK-UUU [complement(2671..5220)], trnG-UCC [8687..9390], atpF [complement(11950..12666)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[9391..9438], atpF [complement(11540..11949)], atpF [complement(12667..12811)], rpoC1 [complement(20752..22473)], rpoC1 [complement(23200..23643)], ycf3 [32212..32335], ycf3 [33073..33302], ycf3 [34100..34252], trnL-UAA [47673..47707], trnL-UAA [48107..48156], trnV-UAC [complement(51600..51634)], trnV-UAC [complement(52245..52283)], rps12 [151705..151936], rps12 [152473..152498], petB [74033..74038], petB [74836..75477], petD [75665..75672], petD [76386..76869], rpl2 [complement(90830..91264)], rpl2 [complement(91929..92327)], ndhB [complement(93033..93788)], ndhB [complement(94469..95215)], trnI-GAU [100542..100578], trnI-GAU [101530..101564], trnA-UGC [101624..101661], trnA-UGC [102458..102492], ndhA [119802..120354], ndhA [121445..121983], trnA-UGC [complement(146100..146134)], trnA-UGC [complement(146931..146968)], trnI-GAU [complement(147028..147062)], trnI-GAU [complement(148014..148050)], ndhB [153377..154123], ndhB [154804..155559], rpl2 [156265..156663], rpl2 [157328..157762], petD [complement(171723..172206)], petD [complement(172920..172927)]	[complement(22474..23199)], ycf3 [32336..33072], ycf3 [33303..34099], trnL-UAA [47708..48106], trnV-UAC [complement(51635..52244)], petB [74039..74835], petD [75673..76385], rpl2 [complement(91265..91928)], ndhB [complement(93789..94468)], trnI-GAU [100579..101529], trnA-UGC [101662..102457], ndhA [120355..121444], trnA-UGC [complement(146135..146930)], trnI-GAU [complement(147063..148013)], ndhB [154124..154803], rpl2 [156664..157327], petD [complement(172207..172919)]
2736.	PETI	76	rps12 [complement(93601..93626)], rps12 [complement(94162..94390)], rps12 [complement(68085..68198)], trnV-UAC [13167..13205], trnV-UAC [13813..13849], trnL-UAA [complement(17264..17313)], trnL-UAA [complement(17716..17752)], ycf3 [complement(30208..30360)], ycf3 [complement(31143..31370)], ycf3 [complement(32108..32236)], rpoC1 [40172..40615], rpoC1 [41335..43005], atpF [51102..51246], atpF [51971..52380], trnG-UCC [complement(54472..54519)], trnG-UCC [complement(55234..55256)], trnK-UUU [58603..58639], trnK-UUU [61178..61212], rps12 [148994..149222], rps12 [149758..149783], petB [72081..72086], petB [72875..73516], petD [73713..73720], petD [74418..74751], rpl2 [complement(88331..88764)], rpl2 [complement(89438..89828)], ndhB [complement(90546..91301)], ndhB [complement(91983..92729)], trnI-GAU [97997..98033], trnI-GAU [98990..99024], trnA-UGC [99084..99121], trnA-UGC [99921..99955], ndhA [117232..117784], ndhA [118842..119380], trnA-UGC [complement(143429..143463)], trnA-UGC [complement(144263..144300)],	trnV-UAC [13206..13812], trnL-UAA [complement(17314..17715)], ycf3 [complement(30361..31142)], ycf3 [complement(31371..32107)], rpoC1 [40616..41334], atpF [51247..51970], trnG-UCC [complement(54520..55233)], trnK-UUU [58640..61177], petB [72087..72874], petD [73721..74417], rpl2 [complement(88765..89437)], ndhB [complement(91302..91982)], trnI-GAU [98034..98989], trnA-UGC [99122..99920], ndhA [117785..118841], trnA-UGC [complement(143464..144262)], trnI-GAU [complement(144395..145350)], ndhB [151402..152082], rpl2 [153947..154619], petD [complement(168967..169663)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(144360..144394)], trnI-GAU [complement(145351..145387)], ndhB [150655..151401], ndhB [152083..152838], rpl2 [153556..153946], rpl2 [154620..155053], petD [complement(168633..168966)], petD [complement(169664..169671)], petB [complement(169868..170509)], petB [complement(171298..171303)], trnK-UUU [complement(182172..182206)], trnK-UUU [complement(184745..184781)], trnG-UCC [188128..188150], trnG-UCC [188865..188912], atpF [complement(191004..191413)], atpF [complement(192138..192282)]	[complement(170510..171297)], trnK-UUU [complement(182207..184744)], trnG-UCC [188151..188864], atpF [complement(191414..192137)]
2737.	PETR	77	rps12 [134237..134350], rps12 [93168..93399], rps12 [93936..93961], ycf3 [complement(5745..5897)], ycf3 [complement(6680..6907)], ycf3 [complement(7639..7767)], trnV-UAC [16075..16113], trnV-UAC [16720..16756], trnL-CAA [complement(20108..20157)], trnL-CAA [complement(20538..20574)], trnK-UUU [complement(31920..31954)], trnK-UUU [complement(34502..34538)], trnG-UCC [37959..37981], trnG-UCC [38693..38740], atpF [complement(40830..41239)], atpF [complement(41975..42119)], rpoC1 [complement(49955..51652)], rpoC1 [complement(52395..52838)], trnA-UGC [complement(87374..87408)], trnA-UGC [complement(88207..88244)], trnI-GAU [complement(88304..88338)], trnI-GAU [complement(89290..89331)], ndhB [94845..95591], ndhB [96272..97027], rpl2 [97738..98128], rpl2 [98797..99230], petD [complement(126119..126602)], petD [complement(127310..127317)], petB [complement(127517..128158)], petB [complement(128963..128968)], clpP [131955..132070], clpP [132839..133130], clpP [133724..133975], rps12 [complement(209551..209782)], rps12 [complement(208989..209014)], ndhA [complement(153780..154318)], ndhA [complement(155410..155962)], clpP [complement(168975..169226)], clpP [complement(169820..170111)], clpP [complement(170880..170995)], petB [173982..173987], petB [174792..175433], petD [175633..175640], petD [176348..176831], rpl2 [complement(203720..204153)], rpl2 [complement(204822..205212)], ndhB [complement(205923..206678)], ndhB [complement(207359..208105)], trnI-GAU [213619..213655], trnI-GAU [214612..214646], trnA-UGC	ycf3 [complement(5898..6679)], ycf3 [complement(6908..7638)], trnV-UAC [16114..16719], trnL-CAA [complement(20158..20537)], trnK-UUU [complement(31955..34501)], trnG-UCC [37982..38692], atpF [complement(41240..41974)], rpoC1 [complement(51653..52394)], trnA-UGC [complement(87409..88206)], trnI-GAU [complement(88339..89289)], ndhB [95592..96271], rpl2 [98129..98796], petD [complement(126603..127309)], petB [complement(128159..128962)], clpP [132071..132838], clpP [133131..133723], ndhA [complement(154319..155409)], clpP [complement(169227..169819)], clpP [complement(170112..170879)], petB [173988..174791], petD [175641..176347], rpl2 [complement(204154..204821)], ndhB [complement(206679..207358)], trnI-GAU [213656..214611], trnA-UGC [214744..215541]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[214706..214743], trnA-UGC [215542..215576]	
2738.	PHAA	6	-	trnK-UUU [complement(218..2668)], trnL-UAA [complement(13971..14452)], trnI-GAU [46219..47034], trnA-UGC [47165..47985], trnA-UGC [complement(63476..64296)], trnI-GAU [complement(64427..65242)]
2739.	PHAC	69	rps12 [complement(98086..98111)], rps12 [complement(98653..98884)], rps12 [complement(70705..70818)], trnH-GUG [complement(155073..155121)], trnH-GUG [complement(1..25)], trnK-UUU [complement(1770..1804)], trnK-UUU [complement(4297..4333)], rps16 [complement(4950..5175)], rps16 [complement(6069..6109)], trnG-UCC [9180..9202], trnG-UCC [9906..9953], atpF [complement(11880..12289)], atpF [complement(13057..13201)], rpoC1 [complement(20830..22440)], rpoC1 [complement(23220..23651)], ycf3 [complement(42795..42947)], ycf3 [complement(43696..43923)], ycf3 [complement(44691..44816)], trnL-UAA [47879..47915], trnL-UAA [48457..48506], trnV-UAC [complement(52585..52619)], trnV-UAC [complement(53216..53254)], rps12 [141365..141596], rps12 [142138..142163], clpP [complement(70977..71204)], clpP [complement(71807..72098)], clpP [complement(73013..73083)], petB [76050..76055], petB [76800..77441], petD [77659..77666], petD [78361..78835], rpl16 [complement(82300..82698)], rpl16 [complement(83705..83713)], ndhB [complement(95043..95798)], ndhB [complement(96467..97243)], trnI-GAU [102476..102512], trnI-GAU [103459..103493], trnA-UGC [103564..103601], trnA-UGC [104425..104459], ndhA [complement(121198..121736)], ndhA [complement(122796..123348)], trnA-UGC [complement(135790..135824)], trnA-UGC [complement(136648..136685)], trnI-GAU [complement(136756..136790)], trnI-GAU [complement(137737..137773)], ndhB [143006..143782], ndhB [144451..145206]	trnH-GUG [complement(155122..0)], trnK-UUU [complement(1805..4296)], rps16 [complement(5176..6068)], trnG-UCC [9203..9905], atpF [complement(12290..13056)], rpoC1 [complement(22441..23219)], ycf3 [complement(42948..43695)], ycf3 [complement(43924..44690)], trnL-UAA [47916..48456], trnV-UAC [complement(52620..53215)], clpP [complement(71205..71806)], clpP [complement(72099..73012)], petB [76056..76799], petD [77667..78360], rpl16 [complement(82699..83704)], ndhB [complement(95799..96466)], trnI-GAU [102513..103458], trnA-UGC [103602..104424], ndhA [complement(121737..122795)], trnA-UGC [complement(135825..136647)], trnI-GAU [complement(136791..137736)], ndhB [143783..144450]
2740.	PHAE	73	rps12 [complement(101307..101332)], rps12 [complement(101874..102102)], rps12 [complement(72456..72569)], trnK-UUU [complement(1410..1444)],	trnK-UUU [complement(1445..4076)], rps16 [complement(5055..5910)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4077..4113)], rps16 [complement(4834..5054)], rps16 [complement(5911..5950)], trnG-UCC [9771..9793], trnG-UCC [10479..10526], atpF [complement(12471..12881)], atpF [complement(13685..13828)], rpoC1 [complement(21720..23340)], rpoC1 [complement(24084..24511)], ycf3 [complement(43672..43832)], ycf3 [complement(44569..44796)], ycf3 [complement(45517..45640)], trnL-UAA [48636..48670], trnL-UAA [49187..49236], trnV-UAC [complement(53881..53917)], trnV-UAC [complement(54505..54543)], rps12 [complement(72456..72569)], rps12 [143884..144112], rps12 [144654..144679], clpP [complement(72706..72957)], clpP [complement(73607..73898)], clpP [complement(74712..74782)], petB [77700..77705], petB [78488..79135], petD [79349..79356], petD [80089..80602], rpl16 [complement(84092..84490)], rpl16 [complement(85641..85649)], rpl2 [complement(87568..87999)], rpl2 [complement(88662..89051)], ndhB [complement(98233..98988)], ndhB [complement(99693..100469)], trnI-GAU [106075..106116], trnI-GAU [107054..107088], trnA-UGC [107153..107190], trnA-UGC [107992..108026], ndhA [complement(123450..123988)], ndhA [complement(125041..125593)], trnA-UGC [complement(137960..137994)], trnA-UGC [complement(138796..138833)], trnI-GAU [complement(138898..138932)], trnI-GAU [complement(139870..139911)], ndhB [145517..146293], ndhB [146998..147753], rpl2 [156935..157324], rpl2 [157987..158418]	[9794..10478], atpF [complement(12882..13684)], rpoC1 [complement(23341..24083)], ycf3 [complement(43833..44568)], ycf3 [complement(44797..45516)], trnL-UAA [48671..49186], trnV-UAC [complement(53918..54504)], clpP [complement(72958..73606)], clpP [complement(73899..74711)], petB [77706..78487], petD [79357..80088], rpl16 [complement(84491..85640)], rpl2 [complement(88000..88661)], ndhB [complement(98989..99692)], trnI-GAU [106117..107053], trnA-UGC [107191..107991], ndhA [complement(123989..125040)], trnA-UGC [complement(137995..138795)], trnI-GAU [complement(138933..139869)], ndhB [146294..146997], rpl2 [157325..157986]
2741.	PHAG	66	rps12 [complement(99754..99788)], rps12 [complement(100325..100556)], rps12 [complement(72167..72280)], rps16 [complement(5296..5522)], rps16 [complement(6402..6441)], trnG-GCC [10109..10131], trnG-GCC [10809..10856], atpF [complement(12797..13207)], atpF [complement(13904..14047)], rpoC1 [complement(21935..23554)], rpoC1 [complement(24315..24767)], ycf3 [complement(44295..44447)], ycf3 [complement(45192..45421)], ycf3 [complement(46132..46255)], trnL-UAA [49116..49150], trnL-UAA [49625..49674], rps12 [141196..141427], rps12 [141964..141998], clpP [complement(72414..72641)], clpP [complement(73281..73572)], clpP [complement(74378..74448)], petB	rps16 [complement(5523..6401)], trnG-GCC [10132..10808], atpF [complement(13208..13903)], rpoC1 [complement(23555..24314)], ycf3 [complement(44448..45191)], ycf3 [complement(45422..46131)], trnL-UAA [49151..49624], clpP [complement(72642..73280)], clpP [complement(73573..74377)], petB [77371..78073], petD [78906..79637], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77365..77370], petB [78074..78715], petD [78898..78905], petD [79638..80112], rpl16 [complement(83538..83936)], rpl16 [complement(84798..84806)], rpl2 [complement(86474..86907)], rpl2 [complement(87583..87973)], ndhB [complement(96751..97506)], ndhB [complement(98186..98962)], trnI-GAU [104242..104278], trnI-GAU [105226..105260], trnA-UGC [105325..105362], trnA-UGC [106174..106208], ndhA [complement(120958..121487)], ndhA [complement(122586..123141)], trnA-UGC [complement(135544..135578)], trnA-UGC [complement(136390..136427)], trnI-GAU [complement(136492..136526)], trnI-GAU [complement(137474..137510)], ndhB [142790..143566], ndhB [144246..145001], rpl2 [153779..154169], rpl2 [154845..155278]	[complement(83937..84797)], rpl2 [complement(86908..87582)], ndhB [complement(97507..98185)], trnI-GAU [104279..105225], trnA-UGC [105363..106173], ndhA [complement(121488..122585)], trnA-UGC [complement(135579..136389)], trnI-GAU [complement(136527..137473)], ndhB [143567..144245], rpl2 [154170..154844]
2742.	PHAL	64	rps12 [complement(88800..88828)], rps12 [complement(89369..89600)], rps12 [complement(66989..67102)], trnK-UUU [complement(1388..1422)], trnK-UUU [complement(3920..3956)], rps16 [complement(4516..4733)], rps16 [complement(5561..5600)], trnG-UCC [complement(12725..12772)], trnG-UCC [complement(13454..13476)], atpF [32034..32178], atpF [33000..33406], ycf3 [complement(41217..41377)], ycf3 [complement(42105..42330)], ycf3 [complement(43086..43211)], trnL-UAA [45986..46020], trnL-UAA [46559..46608], trnV-UAC [complement(50104..50140)], trnV-UAC [complement(50743..50781)], rps12 [125978..126209], rps12 [126750..126778], petB [70864..70869], petB [71624..72265], petD [72454..72461], petD [73200..73674], rpl16 [complement(77280..77681)], rpl16 [complement(78576..78584)], rpl2 [complement(80590..81020)], rpl2 [complement(81684..82074)], ndhB [complement(85728..86483)], ndhB [complement(87196..87972)], trnI-GAU [93225..93261], trnI-GAU [94068..94102], trnA-UGC [94168..94205], trnA-UGC [95017..95051], ndhA [complement(111065..111603)], ndhA [complement(112643..113192)], trnA-UGC [complement(120527..120561)], trnA-UGC [complement(121373..121410)], trnI-GAU [complement(121476..121510)], trnI-GAU [complement(122317..122353)], ndhB [127606..128382], ndhB [129095..129850], rpl2 [133504..133894], rpl2 [134558..134988]	trnK-UUU [complement(1423..3919)], rps16 [complement(4734..5560)], trnG-UCC [complement(12773..13453)], atpF [32179..32999], ycf3 [complement(41378..42104)], ycf3 [complement(42331..43085)], trnL-UAA [46021..46558], trnV-UAC [complement(50141..50742)], petB [70870..71623], petD [72462..73199], rpl16 [complement(77682..78575)], rpl2 [complement(81021..81683)], ndhB [complement(86484..87195)], trnI-GAU [93262..94067], trnA-UGC [94206..95016], ndhA [complement(111604..112642)], trnA-UGC [complement(120562..121372)], trnI-GAU [complement(121511..122316)], ndhB [128383..129094], rpl2 [133895..134557]
2743.	PHA	70	rps12 [complement(101032..101274)], rps12 [complement(72091..72216)],	trnK-UUU [complement(1872..4389)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	M		trnK-UUU [complement(1834..1871)], trnK-UUU [complement(4390..4426)], rps16 [complement(4943..5167)], rps16 [complement(6067..6108)], trnG-UCC [9684..9706], trnG-UCC [10424..10472], atpF [complement(12534..12944)], atpF [complement(13737..13880)], rpoC1 [complement(22031..23647)], rpoC1 [complement(24454..24876)], ycf3 [complement(45119..45271)], ycf3 [complement(46026..46253)], ycf3 [complement(46989..47117)], trnL-UAA [49791..49825], trnL-UAA [50378..50427], trnV-UAC [complement(53283..53319)], trnV-UAC [complement(53905..53943)], rps12 [143297..143539], clpP [complement(72334..72561)], clpP [complement(73210..73500)], clpP [complement(74355..74423)], petB [77343..77348], petB [78105..78746], petD [78969..78976], petD [79715..80189], rpl16 [complement(83595..83996)], rpl16 [complement(85025..85033)], rpl2 [complement(86760..87194)], rpl2 [complement(87888..88277)], ndhB [complement(97421..98176)], ndhB [complement(98858..99634)], trnI-GAU [105180..105221], trnI-GAU [106179..106213], trnA-UGC [106278..106315], trnA-UGC [107119..107153], ndhA [complement(122903..123442)], ndhA [complement(124587..125138)], trnA-UGC [complement(137418..137452)], trnA-UGC [complement(138256..138293)], trnI-GAU [complement(138358..138392)], trnI-GAU [complement(139350..139391)], ndhB [144937..145713], ndhB [146395..147150], rpl2 [156294..156683], rpl2 [157377..157811]	[complement(5168..6066)], trnG-UCC [9707..10423], atpF [complement(12945..13736)], rpoC1 [complement(23648..24453)], ycf3 [complement(45272..46025)], ycf3 [complement(46254..46988)], trnL-UAA [49826..50377], trnV-UAC [complement(53320..53904)], clpP [complement(72562..73209)], clpP [complement(73501..74354)], petB [77349..78104], petD [78977..79714], rpl16 [complement(83997..85024)], rpl2 [complement(87195..87887)], ndhB [complement(98177..98857)], trnI-GAU [105222..106178], trnA-UGC [106316..107118], ndhA [complement(123443..124586)], trnA-UGC [complement(137453..138255)], trnI-GAU [complement(138393..139349)], ndhB [145714..146394], rpl2 [156684..157376]
2744.	PHAN	53	trnK-UUU [complement(1852..1886)], trnK-UUU [complement(4396..4432)], rps16 [complement(5154..5379)], rps16 [complement(6235..6275)], trnG-GCC [9210..9232], trnG-GCC [9925..9972], atpF [complement(11900..12309)], atpF [complement(13017..13161)], trnL-UAA [49115..49151], trnL-UAA [49652..49701], trnV-UAC [complement(53888..53924)], trnV-UAC [complement(54494..54531)], rps12 [complement(72718..72831)], rps12 [142484..142715], rps12 [143252..143277], clpP [complement(72935..73162)], clpP [complement(73801..74092)], clpP [complement(74880..74950)], petB [77900..77905], petB [78653..79300], rpl16 [complement(84134..84529)], rpl16 [complement(85489..85497)], ndhB [complement(97407..98162)], ndhB [complement(98842..99618)], trnI-GAU [104933..104974], trnI-GAU	trnK-UUU [complement(1887..4395)], rps16 [complement(5380..6234)], trnG-GCC [9233..9924], atpF [complement(12310..13016)], rpoC1 [complement(22898..23616)], ycf3 [complement(44224..45005)], ycf3 [complement(45234..45976)], trnL-UAA [49152..49651], trnV-UAC [complement(53925..54493)], clpP [complement(73163..73800)], clpP [complement(74093..74879)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105694..105728], trnA-UGC [105793..105830], trnA-UGC [106642..106676], ndhA [complement(122324..122863)], trnA-UGC [complement(137027..137061)], trnA-UGC [complement(137873..137910)], trnI-GAU [complement(137975..138009)], trnI-GAU [complement(138729..138770)]	[77906..78652], rpl16 [complement(84530..85488)], rpl2 [complement(87576..88238)], ndhB [complement(98163..98841)], trnI-GAU [104975..105693], trnA-UGC [105831..106641], ndhA [complement(122864..124009)], trnA-UGC [complement(137062..137872)], trnI-GAU [complement(138010..138728)]
2745.	PHAP	61	rps12 [complement(100224..100249)], rps12 [complement(100797..101028)], rps12 [complement(70786..70899)], rps16 [complement(4884..5128)], rps16 [complement(6043..6082)], trnG [9773..9795], trnG [10483..10530], atpF [complement(12513..12922)], atpF [complement(13909..14053)], rpoC1 [complement(21476..23083)], rpoC1 [complement(23842..24273)], ycf3 [complement(43814..43966)], ycf3 [complement(44717..44946)], ycf3 [complement(45678..45801)], trnL [48429..48463], trnL [49181..49230], trnV [complement(51984..52018)], trnV [complement(52601..52639)], rps12 [complement(70786..70899)], rps12 [133894..134125], rps12 [134673..134698], clpP [complement(71033..71284)], clpP [complement(71974..72265)], clpP [complement(73247..73317)], petB [76604..76609], petB [77336..77977], petD [78164..78171], petD [79037..79520], rpl16 [complement(83077..83475)], rpl16 [complement(84727..84735)], rpl2 [complement(86759..87189)], rpl2 [complement(87854..88244)], trnI [104960..104996], trnI [105941..105975], trnA [106039..106076], trnA [106879..106913], trnA [complement(128009..128043)], trnA [complement(128846..128883)], trnI [complement(128947..128981)], trnI [complement(129926..129962)], rpl2 [146678..147068], rpl2 [147733..148163]	rps16 [complement(5129..6042)], trnG [9796..10482], atpF [complement(12923..13908)], rpoC1 [complement(23084..23841)], ycf3 [complement(43967..44716)], ycf3 [complement(44947..45677)], trnL [48464..49180], trnV [complement(52019..52600)], clpP [complement(71285..71973)], clpP [complement(72266..73246)], petB [76610..77335], petD [78172..79036], rpl16 [complement(83476..84726)], rpl2 [complement(87190..87853)], trnI [104997..105940], trnA [106077..106878], trnA [complement(128044..128845)], trnI [complement(128982..129925)], rpl2 [147069..147732]
2746.	PHAR	64	rps12 [complement(88606..88634)], rps12 [complement(89175..89406)], rps12 [complement(66713..66826)], trnK-UUU [complement(1388..1422)], trnK-UUU [complement(3888..3924)], rps16 [complement(4476..4693)], rps16 [complement(5521..5560)], trnG-UCC [complement(12832..12879)], trnG-	trnK-UUU [complement(1423..3887)], rps16 [complement(4694..5520)], trnG-UCC [complement(12880..13555)], atpF [32567..33401], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13556..13578)], atpF [32422..32566], atpF [33402..33808], ycf3 [complement(41578..41738)], ycf3 [complement(42463..42688)], ycf3 [complement(43429..43554)], trnL [46302..46339], trnL [46889..46938], trnV-UAC [complement(50432..50468)], trnV-UAC [complement(51065..51103)], rps12 [126119..126350], rps12 [126891..126919], petB [70580..70585], petB [71348..71989], petD [72177..72184], petD [72926..73400], rpl16 [complement(76973..77374)], rpl16 [complement(78408..78416)], rpl2 [complement(80352..80782)], rpl2 [complement(81446..81836)], ndhB [complement(85538..86293)], ndhB [complement(87006..87782)], trnI-GAU [93253..93289], trnI-GAU [94095..94129], trnA-UGC [94195..94232], trnA-UGC [95044..95078], ndhA [complement(110987..111525)], ndhA [complement(112549..113098)], trnA-UGC [complement(120447..120481)], trnA-UGC [complement(121293..121330)], trnI-GAU [complement(121396..121430)], trnI-GAU [complement(122236..122272)], ndhB [127743..128519], ndhB [129232..129987], rpl2 [133689..134079], rpl2 [134743..135173]	[complement(41739..42462)], ycf3 [complement(42689..43428)], trnL [46340..46888], trnV-UAC [complement(50469..51064)], petB [70586..71347], petD [72185..72925], rpl16 [complement(77375..78407)], rpl2 [complement(80783..81445)], ndhB [complement(86294..87005)], trnI-GAU [93290..94094], trnA-UGC [94233..95043], ndhA [complement(111526..112548)], trnA-UGC [complement(120482..121292)], trnI-GAU [complement(121431..122235)], ndhB [128520..129231], rpl2 [134080..134742]
2747.	PHAU	61	rps12 [complement(90817..90845)], rps12 [complement(91386..91617)], rps12 [complement(69265..69378)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3885..3992)], rps16 [complement(4426..4643)], rps16 [complement(5497..5536)], atpF [34871..35029], atpF [35847..36254], ycf3 [complement(43983..44141)], ycf3 [complement(44875..45102)], ycf3 [complement(45838..45969)], trnL-UAA [48703..48737], trnL-UAA [49279..49328], trnV-UAC [complement(52821..52857)], trnV-UAC [complement(53454..53492)], rps12 [128272..128503], rps12 [129044..129072], petB [73106..73111], petB [73853..74500], petD [74683..74690], petD [75431..75905], rpl16 [complement(79471..79872)], rpl16 [complement(80944..80952)], rpl2 [complement(82905..83336)], rpl2 [complement(83995..84387)], ndhB [complement(87744..88499)], ndhB [complement(89212..89988)], trnI-GAU [95435..95454], trnI-GAU [96429..96463], trnA-UGC [96529..96566], trnA-UGC [97377..97416], ndhA [complement(112983..113522)], ndhA [complement(114558..115106)], trnA-UGC [complement(122478..122512)], trnA-UGC	trnK-UUU [complement(1411..3884)], rps16 [complement(4644..5496)], atpF [35030..35846], ycf3 [complement(44142..44874)], ycf3 [complement(45103..45837)], trnL-UAA [48738..49278], trnV-UAC [complement(52858..53453)], petB [73112..73852], petD [74691..75430], rpl16 [complement(79873..80943)], rpl2 [complement(83337..83994)], ndhB [complement(88500..89211)], trnI-GAU [95455..96428], trnA-UGC [96567..97376], ndhA [complement(113523..114557)], trnA-UGC [complement(122513..123322)], trnI-GAU [complement(123461..124439)], ndhB [130678..131389], rpl2 [135895..136552]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(123323..123360)], trnI-GAU [complement(123426..123460)], trnI-GAU [complement(124440..124454)], ndhB [129901..130677], ndhB [131390..132145], rpl2 [135502..135894], rpl2 [136553..136984]	
2748.	PHBO	45	rps12 [complement(100997..101023)], rps12 [complement(101560..101790)], rps12 [complement(73393..73506)], trnK-UUU [complement(1818..1852)], trnK-UUU [complement(4367..4403)], trnG-UCC [10362..10385], trnG-UCC [11145..11192], trnL-UAA [49441..49475], trnL-UAA [49955..50004], trnV-UAC [complement(54489..54525)], trnV-UAC [complement(55112..55150)], rps12 [complement(73393..73506)], rps12 [144841..145070], rps12 [145607..145634], petD [80917..81397], trnI-GAU [105665..105706], trnI-GAU [106646..106680], trnA-UGC [106745..106782], trnA-UGC [107581..107615], trnA-UGC [complement(139016..139050)], trnA-UGC [complement(139849..139886)], trnI-GAU [complement(139951..139985)], trnI-GAU [complement(140925..140966)]	trnK-UUU [complement(1853..4366)], rps16 [complement(5446..6285)], trnG-UCC [10386..11144], atpF [complement(13500..14223)], rpoC1 [complement(23519..24237)], ycf3 [complement(44905..45634)], ycf3 [complement(45864..46597)], trnL-UAA [49476..49954], trnV-UAC [complement(54526..55111)], clpP [complement(73899..74550)], clpP [complement(74843..75618)], petB [78573..79359], petD [80207..80916], rpl16 [complement(85225..86195)], rpl2 [complement(88363..89040)], ndhB [complement(98669..99370)], trnI-GAU [105707..106645], trnA-UGC [106783..107580], ndhA [complement(124979..126100)], trnA-UGC [complement(139051..139848)], trnI-GAU [complement(139986..140924)], ndhB [147261..147962]
2749.	PHCA	72	rps12 [complement(99932..99957)], rps12 [complement(100494..100725)], rps12 [complement(72141..72254)], trnK-UUU [complement(1698..1732)], trnK-UUU [complement(4210..4246)], rps16 [complement(5054..5278)], rps16 [complement(6136..6174)], trnG-UCC [9863..9885], trnG-UCC [10571..10618], atpF [complement(12546..12953)], atpF [complement(13659..13817)], rpoC1 [complement(21760..23385)], rpoC1 [complement(24156..24590)], ycf3 [complement(43794..43946)], ycf3 [complement(44682..44909)], ycf3 [complement(45619..45744)], trnL-UAA	trnK-UUU [complement(1733..4209)], rps16 [complement(5279..6135)], trnG-UCC [9886..10570], atpF [complement(12954..13658)], rpoC1 [complement(23386..24155)], ycf3 [complement(43947..44681)], ycf3 [complement(44910..45618)], trnL-UAA [48746..49262], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[48711..48745], trnL-UAA [49263..49312], trnV-UAC [complement(53278..53314)], trnV-UAC [complement(53899..53937)], rps12 [142969..143200], rps12 [143737..143762], clpP [complement(72395..72622)], clpP [complement(73294..73584)], clpP [complement(74372..74440)], petB [77331..77336], petB [78092..78733], petD [78923..78930], petD [79687..80161], rpl16 [complement(83609..84010)], rpl16 [complement(84854..84862)], rpl2 [complement(86529..86963)], rpl2 [complement(87626..88018)], ndhB [complement(96874..97629)], ndhB [complement(98309..99085)], trnI-GAU [104667..104708], trnI-GAU [105651..105685], trnA-UGC [105749..105786], trnA-UGC [106593..106627], ndhA [complement(122456..122995)], ndhA [complement(124103..124654)], trnA-UGC [complement(137067..137101)], trnA-UGC [complement(137908..137944)], trnI-GAU [complement(138009..138043)], trnI-GAU [complement(138986..139027)], ndhB [144609..145385], ndhB [146065..146820], rpl2 [155928..156317], rpl2 [156983..157417]</p>	<p>[complement(53315..53898)], clpP [complement(72623..73293)], clpP [complement(73585..74371)], petB [77337..78091], petD [78931..79686], rpl16 [complement(84011..84853)], rpl2 [complement(86964..87625)], ndhB [complement(97630..98308)], trnI-GAU [104709..105650], trnA-UGC [105787..106592], ndhA [complement(122996..124102)], trnA-UGC [complement(137102..137907)], trnI-GAU [complement(138044..138985)], ndhB [145386..146064], rpl2 [156318..156982]</p>
2750.	PHCH	45	<p>rps12 [complement(100993..101019)], rps12 [complement(101556..101786)], rps12 [complement(73391..73504)], trnK-UUU [complement(1819..1853)], trnK-UUU [complement(4368..4404)], trnG-UCC [10360..10383], trnG-UCC [11141..11188], trnL-UAA [49441..49475], trnL-UAA [49955..50004], trnV-UAC [complement(54489..54525)], trnV-UAC [complement(55112..55150)], rps12 [complement(73391..73504)], rps12 [144836..145065], rps12 [145602..145629], petD [80914..81394], trnI-GAU [105661..105702], trnI-GAU [106642..106676], trnA-UGC [106741..106778], trnA-UGC [107577..107611], trnA-UGC [complement(139011..139045)], trnA-UGC [complement(139844..139881)], trnI-GAU [complement(139946..139980)], trnI-GAU [complement(140920..140961)]</p>	<p>trnK-UUU [complement(1854..4367)], rps16 [complement(5452..6292)], trnG-UCC [10384..11140], atpF [complement(13497..14221)], rpoC1 [complement(23517..24234)], ycf3 [complement(44905..45634)], ycf3 [complement(45864..46597)], trnL-UAA [49476..49954], trnV-UAC [complement(54526..55111)], clpP [complement(73897..74548)], clpP [complement(74841..75615)], petB [78570..79356], petD [80204..80913], rpl16 [complement(85221..86191)], rpl2 [complement(88358..89035)], ndhB [complement(98665..99366)], trnI-GAU [105703..106641], trnA-UGC [106779..107576], ndhA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(124974..126095)], trnA-UGC [complement(139046..139843)], trnI-GAU [complement(139981..140919)], ndhB [147256..147957]
2751.	PHCO	20	rps12 [40803..41003], rps12 [complement(4358..4612)], rpl2 [complement(11332..11856)], rpl2 [complement(12826..13224)], trnF-GAA [15557..15593], trnF-GAA [15706..15740], trnF-GAA [complement(35427..35464)], trnF-GAA [complement(35574..35610)], rpl2 [37943..38341], rpl2 [39311..39835], trnL-UAA [complement(54034..54081)], trnL-UAA [complement(54511..54547)], trnG-UCC [56781..56803], trnG-UCC [57527..57574]	rpl2 [complement(11857..12825)], trnF-GAA [15594..15705], trnF-GAA [complement(35465..35573)], rpl2 [38342..39310], trnL-UAA [complement(54082..54510)], trnG-UCC [56804..57526]
2752.	PHDA	98	rps12 [complement(100590..100615)], rps12 [complement(101157..101385)], rps12 [complement(71717..71830)], rps12 [complement(101146..101388)], rps12 [complement(71717..71830)], trnA [138187..138224], trnA [137351..137385], trnI [139262..139303], trnI [138289..138323], trnK-UUU [complement(1427..1461)], trnK-UUU [complement(4087..4123)], rps16 [complement(4870..5090)], rps16 [complement(5950..5989)], trnN-GUU [complement(8553..8604)], trnN-GUU [complement(8765..8800)], trnN-AUU [8589..8618], trnN-AUU [8799..8830], trnG-UCC [9726..9748], trnG-UCC [10432..10479], atpF [complement(12426..12835)], atpF [complement(13619..13763)], rpoC1 [complement(21632..23248)], rpoC1 [complement(23988..24419)], ycf3 [complement(43008..43166)], ycf3 [complement(43899..44128)], ycf3 [complement(44849..44972)], trnL-UAA [47962..47996], trnL-UAA [48509..48558], trnV-UAC [complement(53156..53192)], trnV-UAC [complement(53785..53823)], trnI-AAU [61296..61328], trnI-AAU [61450..61489], rps12 [143276..143504], rps12 [144046..144071], clpP [complement(71967..72218)], clpP [complement(72866..73157)], clpP [complement(73975..74045)], petB [76963..76968], petB [77749..78396], petD [78610..78617], petD [79355..79868], rpl16 [complement(83339..83737)], rpl16 [complement(84857..84865)], rpl2 [complement(86846..87276)], rpl2 [complement(87939..88329)], ndhB [complement(97511..98266)], ndhB	trnA [138225..137350], trnI [139304..138288], trnK-UUU [complement(1462..4086)], rps16 [complement(5091..5949)], trnN-GUU [complement(8605..8764)], trnN-AUU [8619..8798], trnG-UCC [9749..10431], atpF [complement(12836..13618)], rpoC1 [complement(23249..23987)], ycf3 [complement(43167..43898)], ycf3 [complement(44129..44848)], trnL-UAA [47997..48508], trnV-UAC [complement(53193..53784)], trnI-AAU [61329..61449], clpP [complement(72219..72865)], clpP [complement(73158..73974)], petB [76969..77748], petD [78618..79354], rpl16 [complement(83738..84856)], rpl2 [complement(87277..87938)], ndhB [complement(98267..98975)], trnI-GAU [105400..106337], ycf68 [105541..105571], trnA-UGC [106475..107275], trnI-UAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98976..99752)], trnI-GAU [105358..105399], trnI-GAU [106338..106372], ycf68 [105499..105540], ycf68 [105572..105874], trnA-UGC [106437..106474], trnA-UGC [107276..107310], trnI-UAU [120447..120480], trnI-UAU [120614..120667], ndhA [complement(122822..123360)], ndhA [complement(124402..124954)], trnA-UGC [complement(137351..137385)], trnA-UGC [complement(138187..138224)], trnI-GAU [complement(138289..138323)], trnI-GAU [complement(139262..139303)], ycf68 [complement(138787..139089)], ycf68 [complement(139121..139162)], ndhB [144909..145685], ndhB [146395..147150], rpl2 [156338..156722], rpl2 [157385..157815]	[120481..120613], ndhA [complement(123361..124401)], trnA-UGC [complement(137386..138186)], trnI-GAU [complement(138324..139261)], ycf68 [complement(139090..139120)], ndhB [145686..146394], rpl2 [156723..157384]
2753.	PHED	43	rps12 [complement(92041..92076)], rps12 [complement(92615..92845)], rps12 [complement(69982..70095)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], trnG-UCC [complement(13607..13654)], trnG-UCC [complement(14328..14350)], trnL-UAA [49186..49220], trnL-UAA [49761..49810], trnV-UAC [complement(53242..53278)], trnV-UAC [complement(53875..53913)], petB [73823..73828], petB [74647..75288], petD [75477..75484], petD [76239..76713], trnI-GAU [96670..96711], trnI-GAU [97658..97692], trnA-UGC [97758..97795], trnA-UGC [98607..98641], trnA-UGC [complement(124252..124286)], trnA-UGC [complement(125098..125135)], trnI-GAU [complement(125201..125235)], trnI-GAU [complement(126182..126223)]	trnK-UUU [complement(1410..3926)], rps16 [complement(4739..5567)], trnG-UCC [complement(13655..14327)], atpF [35412..36237], ycf3 [complement(44577..45308)], ycf3 [complement(45537..46286)], trnL-UAA [49221..49760], trnV-UAC [complement(53279..53874)], petB [73829..74646], petD [75485..76238], rpl16 [complement(80712..81808)], rpl2 [complement(84232..84891)], ndhB [complement(89728..90439)], trnI-GAU [96712..97657], trnA-UGC [97796..98606], ndhA [complement(115316..116336)], trnA-UGC [complement(124287..125097)], trnI-GAU [complement(125236..126181)], ndhB [132454..133165], rpl2 [138002..138661]
2754.	PHEQ	64	rps12 [complement(100264..100289)], rps12 [complement(100837..101068)], rps12 [complement(70810..70923)], trnK-UUU [complement(1417..1444)], trnK-UUU [complement(4373..4408)], rps16 [complement(4894..5138)], rps16 [complement(6064..6103)], trnG-UCC [9794..9815], trnG-UCC	trnK-UUU [complement(1445..4372)], rps16 [complement(5139..6063)], trnG-UCC [9816..10504], atpF [complement(13001..13977)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10505..10551], atpF [complement(12590..13000)], atpF [complement(13978..14121)], rpoC1 [complement(21549..23156)], rpoC1 [complement(23904..24338)], ycf3 [complement(43952..44104)], ycf3 [complement(44858..45085)], ycf3 [complement(45811..45936)], trnL-UAA [48574..48607], trnL-UAA [49313..49361], trnV-UAC [complement(52174..52218)], trnV-UAC [complement(52802..52839)], rps12 [complement(70810..70923)], rps12 [133859..134090], rps12 [134638..134663], clpP [complement(71057..71308)], clpP [complement(71983..72273)], clpP [complement(73265..73333)], petB [76648..76653], petB [77378..78019], petD [78206..78213], petD [79070..79553], rpl16 [complement(83112..83510)], rpl16 [complement(84744..84752)], rpl2 [complement(86750..87181)], rpl2 [complement(87846..88235)], trnI-GAU [105083..105123], trnI-GAU [106065..106098], trnA-UGC [106162..106199], trnA-UGC [107002..107036], trnA-UGC [complement(127891..127925)], trnA-UGC [complement(128728..128765)], trnI-GAU [complement(128829..128862)], trnI-GAU [complement(129804..129844)], rpl2 [146692..147082], rpl2 [147747..148177]</p>	<p>[complement(23157..23903)], ycf3 [complement(44105..44857)], ycf3 [complement(45086..45810)], trnL-UAA [48608..49312], trnV-UAC [complement(52219..52801)], clpP [complement(71309..71982)], clpP [complement(72274..73264)], petB [76654..77377], petD [78214..79069], rpl16 [complement(83511..84743)], rpl2 [complement(87182..87845)], trnI-GAU [105124..106064], trnA-UGC [106200..107001], trnA-UGC [complement(127926..128727)], trnI-GAU [complement(128863..129803)], rpl2 [147083..147746]</p>
2755.	PHGL	61	<p>rps12 [complement(90972..91000)], rps12 [complement(91541..91772)], rps12 [complement(68887..69000)], trnK-UUU [complement(1376..1408)], trnK-UUU [complement(3916..3953)], rps16 [complement(4507..4722)], rps16 [complement(5547..5585)], atpF [33962..34120], atpF [34939..35346], ycf3 [complement(43097..43255)], ycf3 [complement(43976..44203)], ycf3 [complement(44935..45066)], trnL [47825..47859], trnL [48413..48462], trnV-UAC [complement(51981..52017)], trnV-UAC [complement(52614..52652)], rps12 [128254..128485], rps12 [129026..129054], petB [72734..72739], petB [73556..74197], petD [74385..74393], petD [75144..75617], rpl16 [complement(79233..79634)], rpl16 [complement(80714..80722)], rpl2 [complement(82712..83143)], rpl2 [complement(83807..84196)], ndhB [complement(87899..88654)], ndhB [complement(89367..90089)], trnI-GAU [95416..95457], trnI-GAU [96259..96293], trnA-UGC [96359..96396], trnA-UGC [97208..97242], ndhA [complement(113338..113877)], ndhA</p>	<p>trnK-UUU [complement(1409..3915)], rps16 [complement(4723..5546)], atpF [34121..34938], ycf3 [complement(43256..43975)], ycf3 [complement(44204..44934)], trnL [47860..48412], trnV-UAC [complement(52018..52613)], petB [72740..73555], petD [74394..75143], rpl16 [complement(79635..80713)], rpl2 [complement(83144..83806)], ndhB [complement(88655..89366)], trnI-GAU [95458..96258], trnA-UGC [96397..97207], ndhA [complement(113878..114900)], trnA-UGC [complement(122819..123629)], trnI-</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(114901..115449)], trnA-UGC [complement(122784..122818)], trnA-UGC [complement(123630..123667)], trnI-GAU [complement(123733..123767)], trnI-GAU [complement(124569..124610)], ndhB [129937..130659], ndhB [131372..132127], rpl2 [135830..136219], rpl2 [136883..137314]	GAU [complement(123768..124568)], ndhB [130660..131371], rpl2 [136220..136882]
2756.	PHGR	25	trnK-UUU [complement(1386..1418)], trnK-UUU [complement(3912..3949)], trnG-UCC [complement(13059..13106)], trnG-UCC [complement(13788..13810)], rps12 [126438..126466]	trnK-UUU [complement(1419..3911)], rps16 [complement(4730..5589)], trnG-UCC [complement(13107..13787)], atpF [33397..34223], ycf3 [complement(42590..43315)], ycf3 [complement(43544..44283)], trnL-UAA [46704..47226], trnV-UAC [complement(50990..51590)], petB [70952..71709], petD [72548..73268], rpl16 [complement(77678..78703)], rpl2 [complement(81082..81741)], ndhB [complement(86278..86989)], trnI-GAU [93138..94082], trnA-UGC [94221..95030], ndhA [complement(111080..112099)], trnA-UGC [complement(120031..120840)], trnI-GAU [complement(120979..121923)], ndhB [128072..128783], rpl2 [133320..133979]
2757.	PHIN	66	rps12 [complement(99051..99076)], rps12 [complement(99618..99849)], rps12 [complement(71660..71773)], trnK-UUU [complement(1850..1884)], trnK-UUU [complement(4384..4420)], rps16 [complement(5029..5261)], rps16 [complement(6164..6203)], trnG [9287..9309], trnG [10013..10060], atpF [complement(12003..12412)], atpF [complement(13170..13314)], rpoC1 [complement(20857..22467)], rpoC1 [complement(23292..23723)], ycf3 [complement(42980..43132)], ycf3 [complement(43881..44110)], ycf3 [complement(44884..45007)], trnL-UAA [48182..48216], trnL-UAA [48772..48821], trnV-UAC [complement(52747..52781)], trnV-UAC [complement(53378..53416)], rps12 [142677..142908], rps12	trnK-UUU [complement(1885..4383)], rps16 [complement(5262..6163)], trnG [9310..10012], atpF [complement(12413..13169)], rpoC1 [complement(22468..23291)], ycf3 [complement(43133..43880)], ycf3 [complement(44111..44883)], trnL-UAA [48217..48771], trnV-UAC [complement(52782..53377)], clpP [complement(72166..72761)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143450..143475], clpP [complement(71938..72165)], clpP [complement(72762..73053)], clpP [complement(73940..74010)], petB [77509..77514], petB [77723..78364], petD [78582..78589], petD [79283..79757], rpl16 [complement(83262..83660)], rpl16 [complement(84642..84650)], ndhB [complement(96008..96763)], ndhB [complement(97432..98208)], trnI-GAU [103433..103469], trnI-GAU [104416..104450], trnA-UGC [104521..104558], trnA-UGC [105382..105416], ndhA [complement(122510..123048)], ndhA [complement(124107..124659)], trnA-UGC [complement(137110..137144)], trnA-UGC [complement(137968..138005)], trnI-GAU [complement(138076..138110)], trnI-GAU [complement(139057..139093)], ndhB [144318..145094], ndhB [145763..146518]	[complement(73054..73939)], petB [77515..77722], petD [78590..79282], rpl16 [complement(83661..84641)], ndhB [complement(96764..97431)], trnI-GAU [103470..104415], trnA-UGC [104559..105381], ndhA [complement(123049..124106)], trnA-UGC [complement(137145..137967)], trnI-GAU [complement(138111..139056)], ndhB [145095..145762]
2758.	PHKA	53	atpF [complement(12184..12618)], atpF [complement(13288..13458)], rpoC1 [complement(20877..22475)], rpoC1 [complement(23253..23687)], ycf3 [complement(42688..42840)], ycf3 [complement(43570..43797)], ycf3 [complement(44505..44630)], trnL-UAA [46608..46644], trnL-UAA [47157..47206], trnV-UAC [complement(50703..50739)], trnV-UAC [complement(51293..51330)], rps12 [complement(68503..68670)], rps12 [complement(97362..97598)], rps12 [complement(68506..68670)], rps12 [137062..137304], clpP [complement(68834..69061)], clpP [complement(69617..69907)], clpP [complement(70790..70858)], rpl2 [complement(83170..83604)], rpl2 [complement(84262..84654)], ndhB [complement(93755..94537)], ndhB [complement(95174..95965)], trnI-GAU [100926..100968], trnI-GAU [101906..101940], trnA-UGC [102009..102046], trnA-UGC [102884..102918], ndhA [complement(117633..118166)], ndhA [complement(119278..119829)], trnA-UGC [complement(131745..131779)], trnA-UGC [complement(132617..132654)], trnI-GAU [complement(132723..132757)], trnI-GAU [complement(133695..133737)], ndhB [138698..139474], ndhB [140153..140908], rpl2 [150009..150401], rpl2 [151059..151493]	atpF [complement(12619..13287)], rpoC1 [complement(22476..23252)], ycf3 [complement(42841..43569)], ycf3 [complement(43798..44504)], trnL-UAA [46645..47156], trnV-UAC [complement(50740..51292)], clpP [complement(69062..69616)], clpP [complement(69908..70789)], rpl2 [complement(83605..84261)], ndhB [complement(94538..95173)], trnI-GAU [100969..101905], trnA-UGC [102047..102883], ndhA [complement(118167..119277)], trnA-UGC [complement(131780..132616)], trnI-GAU [complement(132758..133694)], ndhB [139475..140152], rpl2 [150402..151058]
2759.	PHKO	23	trnK-UUU [complement(1412..1440)], trnK-UUU [complement(3912..3949)], rps12 [125187..125215]	trnK-UUU [complement(1441..3911)], rps16 [complement(4666..5503)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12755..13442)], atpF [32694..33516], ycf3 [complement(41763..42438)], ycf3 [complement(42667..43407)], trnL-UAA [46294..46833], trnV-UAC [complement(50426..51010)], petB [70371..71125], petD [71974..72697], rpl16 [complement(77067..78003)], rpl2 [complement(80396..81055)], ndhB [complement(85171..85886)], trnI-GAU [92211..92920], trnA-UGC [93059..93868], ndhA [complement(109805..110822)], trnA-UGC [complement(118839..119648)], trnI-GAU [complement(119787..120496)], ndhB [126821..127536], rpl2 [131652..132311]
2760.	PHLA	33	trnK-UUU [complement(1404..1436)], trnK-UUU [complement(3988..4024)], trnL-UAA [complement(49076..49110)], trnL-UAA [complement(49652..49701)], rps12 [132031..132059], rpl2 [complement(83934..84364)], rpl2 [complement(85029..85419)], trnI-GAU [complement(98016..98057)], trnI-GAU [complement(98995..99029)], trnA-UGC [complement(99094..99132)], trnA-UGC [complement(99943..99976)], trnA-UGC [complement(125441..125474)], trnA-UGC [complement(126285..126323)], trnI-GAU [complement(126388..126422)], trnI-GAU [complement(127360..127401)], rpl2 [139999..140389], rpl2 [141054..141484]	trnK-UUU [complement(1437..3987)], rps16 [complement(4837..5684)], atpF [35232..36060], ycf3 [complement(44406..45144)], ycf3 [complement(45373..46142)], trnL-UAA [complement(49111..49651)], petB [74644..74694], rpl2 [complement(84365..85028)], ndhB [complement(91040..91751)], trnI-GAU [complement(98058..98994)], trnA-UGC [complement(99133..99942)], ndhA [complement(116339..117537)], trnA-UGC [complement(125475..126284)], trnI-GAU [complement(126423..127359)], ndhB [133666..134377], rpl2 [140390..141053]
2761.	PHLE	72	rps12 [complement(98265..98290)], rps12 [complement(98827..99058)], rps12 [complement(70685..70798)], trnK-UUU [complement(1884..1918)],	trnK-UUU [complement(1919..4430)], rps16 [complement(5600..6490)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4431..4467)], rps16 [complement(5373..5599)], rps16 [complement(6491..6530)], trnG-UCC [9717..9740], trnG-UCC [10414..10461], atpF [complement(12430..12840)], atpF [complement(13540..13683)], rpoC1 [complement(21398..23017)], rpoC1 [complement(23783..24238)], ycf3 [complement(43285..43436)], ycf3 [complement(44165..44393)], ycf3 [complement(45114..45239)], trnL-UAA [47885..47919], trnL-UAA [48407..48455], trnV-UAC [complement(52315..52349)], trnV-UAC [complement(52934..52971)], rps12 [138987..139218], rps12 [139755..139780], clpP [complement(70936..71163)], clpP [complement(71808..72099)], clpP [complement(72836..72906)], petB [75811..75816], petB [76550..77191], petD [77392..77399], petD [78146..78626], rpl16 [complement(82056..82454)], rpl16 [complement(83320..83328)], rpl2 [complement(84985..85418)], rpl2 [complement(86086..86476)], ndhB [complement(95254..96009)], ndhB [complement(96693..97469)], trnI-GAU [102760..102796], trnI-GAU [103746..103780], trnA-UGC [103845..103882], trnA-UGC [104696..104730], ndhA [complement(119374..119912)], ndhA [complement(120993..121545)], trnA-UGC [complement(133315..133349)], trnA-UGC [complement(134163..134200)], trnI-GAU [complement(134265..134299)], trnI-GAU [complement(135249..135285)], ndhB [140576..141352], ndhB [142036..142791], rpl2 [151569..151959], rpl2 [152627..153060]	[9741..10413], atpF [complement(12841..13539)], rpoC1 [complement(23018..23782)], ycf3 [complement(43437..44164)], ycf3 [complement(44394..45113)], trnL-UAA [47920..48406], trnV-UAC [complement(52350..52933)], clpP [complement(71164..71807)], clpP [complement(72100..72835)], petB [75817..76549], petD [77400..78145], rpl16 [complement(82455..83319)], rpl2 [complement(85419..86085)], ndhB [complement(96010..96692)], trnI-GAU [102797..103745], trnA-UGC [103883..104695], ndhA [complement(119913..120992)], trnA-UGC [complement(133350..134162)], trnI-GAU [complement(134300..135248)], ndhB [141353..142035], rpl2 [151960..152626]
2762.	PHLN	44	rps12 [complement(72498..72611)], trnK-UUU [complement(1373..1407)], trnK-UUU [complement(4034..4070)], rps16 [complement(5876..5916)], trnG-UCC [9886..9908], trnG-UCC [10603..10650], trnL-UAA [50048..50084], trnL-UAA [50606..50655], trnV-UAC [complement(53863..53899)], trnV-UAC [complement(54493..54531)], rps12 [complement(72498..72611)], rps12 [145530..145555], rpl16 [complement(85593..85600)], trnI-GAU [106095..106136], trnI-GAU [107073..107107], trnA-UGC [107172..107209], trnA-UGC [108009..108043], trnA-UGC [complement(138781..138815)], trnA-UGC [complement(139615..139652)], trnI-GAU [complement(139717..139751)], trnI-GAU [complement(140688..140729)]	trnK-UUU [complement(1408..4033)], rps16 [complement(5036..5875)], trnG-UCC [9909..10602], atpF [complement(13038..13883)], rpoC1 [complement(23906..24662)], ycf3 [complement(45627..46370)], ycf3 [complement(46598..47356)], trnL-UAA [50085..50605], trnV-UAC [complement(53900..54492)], clpP [complement(72996..73660)], clpP [complement(73953..74782)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[77778..78565], petD [79430..80182], rpl16 [complement(84586..85592)], rpl2 [complement(87987..88663)], ndhB [complement(98954..99653)], trnI-GAU [106137..107072], trnA-UGC [107210..108008], ndhA [complement(124973..125876)], trnA-UGC [complement(138816..139614)], trnI-GAU [complement(139752..140687)], ndhB [147171..147870], rpl2 [158161..158837]
2763.	PHLO	61	rps12 [complement(101259..101284)], rps12 [complement(101832..102063)], rps12 [complement(72107..72220)], trnK-UUU [complement(1406..1440)], trnK-UUU [complement(4546..4582)], trnG-UCC [9930..9952], trnG-UCC [10644..10691], atpF [complement(12665..13060)], atpF [complement(14085..14228)], rpoC1 [complement(21936..23552)], rpoC1 [complement(24318..24752)], ycf3 [complement(44375..44527)], ycf3 [complement(45288..45517)], ycf3 [complement(46226..46349)], trnL-UAA [49514..49548], trnL-UAA [50096..50145], trnV-UAC [complement(52789..52823)], trnV-UAC [complement(53430..53468)], rps12 [complement(72107..72220)], rps12 [137462..137693], rps12 [138241..138266], clpP [complement(72362..72613)], clpP [complement(73269..73559)], clpP [complement(74657..74725)], petB [78173..78178], petB [78867..79514], petD [79698..79703], petD [80705..81190], rpl16 [complement(85005..85415)], rpl16 [complement(86910..86918)], rpl2 [complement(89042..89473)], rpl2 [complement(90115..90504)], trnI-GAU [106462..106498], trnI-GAU [107429..107463], trnA-UGC [107528..107565], trnA-UGC [108373..108407], trnA-UGC [complement(131118..131152)], trnA-UGC [complement(131960..131997)], trnI-GAU [complement(132062..132096)], trnI-GAU [complement(133027..133063)], rpl2 [149021..149410], rpl2 [150052..150483]	trnK-UUU [complement(1441..4545)], trnG-UCC [9953..10643], atpF [complement(13061..14084)], rpoC1 [complement(23553..24317)], ycf3 [complement(44528..45287)], ycf3 [complement(45518..46225)], trnL-UAA [49549..50095], trnV-UAC [complement(52824..53429)], clpP [complement(72614..73268)], clpP [complement(73560..74656)], petB [78179..78866], petD [79704..80704], rpl16 [complement(85416..86909)], rpl2 [complement(89474..90114)], trnI-GAU [106499..107428], trnA-UGC [107566..108372], trnA-UGC [complement(131153..131959)], trnI-GAU [complement(132097..133026)], rpl2 [149411..150051]
2764.	PHLP	52	rps12 [complement(93207..93235)], rps12 [complement(93776..94007)],	trnK [complement(1429..3981)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(69843..69956)], trnK [complement(1396..1428)], trnK [complement(3982..4018)], trnG [complement(13600..13647)], trnG [complement(14333..14355)], atpF [35008..35152], atpF [35981..36387], ycf3 [complement(44164..44322)], ycf3 [complement(45062..45289)], ycf3 [complement(46060..46191)], trnL [49001..49035], trnL [49582..49631], trnV [complement(53281..53317)], trnV [complement(53913..53951)], rps12 [131110..131341], rps12 [131882..131910], rpl2 [complement(83780..84210)], rpl2 [complement(84874..85264)], trnI [97875..97916], trnI [98854..98888], trnA [98953..98990], trnA [99801..99834], ndhA [complement(115818..116183)], ndhA [complement(117376..117924)], trnA [complement(125283..125316)], trnA [complement(126126..126164)], trnI [complement(126229..126263)], trnI [complement(127201..127242)], rpl2 [139853..140243], rpl2 [140907..141337]</p>	<p>[complement(4832..5678)], trnG [complement(13648..14332)], atpF [35153..35980], ycf3 [complement(44323..45061)], ycf3 [complement(45290..46059)], trnL [49036..49581], trnV [complement(53318..53912)], petB [74475..74525], petD [75384..76148], rpl16 [complement(80644..81711)], rpl2 [complement(84211..84873)], ndhB [complement(90889..91600)], trnI [97917..98853], trnA [98991..99800], ndhA [complement(116184..117375)], trnA [complement(125317..126125)], trnI [complement(126264..127200)], ndhB [133517..134228], rpl2 [140244..140906]</p>
2765.	PHLT	66	<p>rps12 [complement(99739..99773)], rps12 [complement(100310..100541)], rps12 [complement(72128..72241)], rps16 [complement(5307..5533)], rps16 [complement(6410..6449)], trnG-GCC [10114..10136], trnG-GCC [10814..10861], atpF [complement(12799..13209)], atpF [complement(13906..14049)], rpoC1 [complement(21944..23563)], rpoC1 [complement(24323..24775)], ycf3 [complement(44277..44429)], ycf3 [complement(45173..45402)], ycf3 [complement(46104..46227)], trnL-UAA [49091..49125], trnL-UAA [49600..49649], rps12 [141168..141399], rps12 [141936..141970], clpP [complement(72375..72602)], clpP [complement(73248..73539)], clpP [complement(74348..74418)], petB [77335..77340], petB [78057..78698], petD [78881..78888], petD [79621..80095], rpl16 [complement(83522..83920)], rpl16 [complement(84780..84788)], rpl2 [complement(86459..86892)], rpl2 [complement(87568..87958)], ndhB [complement(96736..97491)], ndhB [complement(98171..98947)], trnI-GAU [104219..104255], trnI-GAU [105203..105237], trnA-UGC [105302..105339], trnA-UGC [106151..106185],</p>	<p>rps16 [complement(5534..6409)], trnG-GCC [10137..10813], atpF [complement(13210..13905)], rpoC1 [complement(23564..24322)], ycf3 [complement(44430..45172)], ycf3 [complement(45403..46103)], trnL-UAA [49126..49599], clpP [complement(72603..73247)], clpP [complement(73540..74347)], petB [77341..78056], petD [78889..79620], rpl16 [complement(83921..84779)], rpl2 [complement(86893..87567)], ndhB [complement(97492..98170)], trnI-GAU [104256..105202], trnA-UGC [105340..106150], ndhA [complement(121471..122568)], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(120941..121470)], ndhA [complement(122569..123124)], trnA-UGC [complement(135524..135558)], trnA-UGC [complement(136370..136407)], trnI-GAU [complement(136472..136506)], trnI-GAU [complement(137454..137490)], ndhB [142762..143538], ndhB [144218..144973], rpl2 [153751..154141], rpl2 [154817..155250]	[complement(135559..136369)], trnI-GAU [complement(136507..137453)], ndhB [143539..144217], rpl2 [154142..154816]
2766.	PHMA	55	rps12 [93197..93310], rps12 [40480..40737], rps12 [complement(333..590)], trnI-GAU [3925..3961], trnI-GAU [4904..4938], trnA-UGC [5003..5040], trnA-UGC [5879..5913], ndhA [18339..18891], ndhA [19979..20517], trnA-UGC [complement(35157..35191)], trnA-UGC [complement(36030..36067)], trnI-GAU [complement(36132..36166)], trnI-GAU [complement(37109..37145)], trnK-UUU [complement(42589..42623)], trnK-UUU [complement(45091..45127)], trnV-UAC [50729..50767], trnV-UAC [51347..51381], trnL-UAA [complement(54241..54290)], trnL-UAA [complement(54825..54861)], ycf3 [57746..57862], ycf3 [58622..58849], ycf3 [59601..59753], rpl16 [80260..80268], rpl16 [81151..81549], petD [complement(85061..85535)], petD [complement(86339..86346)], petB [complement(86565..87206)], petB [complement(88011..88016)], clpP [90924..90994], clpP [91847..92138], clpP [92769..93077], rpoC1 [98635..99066], rpoC1 [99843..101441], trnG-UCC [complement(111103..111150)], trnG-UCC [complement(111881..111903)], ndhB [complement(127397..128152)], ndhB [complement(128826..129548)]	trnI-GAU [3962..4903], trnA-UGC [5041..5878], ndhA [18892..19978], trnA-UGC [complement(35192..36029)], trnI-GAU [complement(36167..37108)], trnK-UUU [complement(42624..45090)], trnV-UAC [50768..51346], trnL-UAA [complement(54291..54824)], ycf3 [57863..58621], ycf3 [58850..59600], rpl16 [80269..81150], petD [complement(85536..86338)], petB [complement(87207..88010)], clpP [90995..91846], clpP [92139..92768], rpoC1 [99067..99842], trnG-UCC [complement(111151..111880)], ndhB [complement(128153..128825)]
2767.	PHNE	70	rps12 [complement(100951..100976)], rps12 [complement(101513..101744)], rps12 [complement(73349..73462)], trnK-UUU [complement(1786..1820)], trnK-UUU [complement(4335..4371)], rps16 [complement(5188..5417)], rps16 [complement(6260..6299)], trnG-UCC [10332..10354], trnG-UCC [11115..11162], atpF [complement(13060..13469)], atpF [complement(14198..14342)], rpoC1 [complement(21873..23492)], rpoC1 [complement(24212..24664)], ycf3 [complement(44756..44908)], ycf3 [complement(45639..45866)], ycf3 [complement(46601..46726)], trnL-UAA [49450..49484], trnL-UAA [49964..50013], trnV-UAC [complement(54513..54547)], trnV-UAC [complement(55137..55175)], rps12 [complement(73349..73462)], rps12 [144769..145000], rps12	trnK-UUU [complement(1821..4334)], rps16 [complement(5418..6259)], trnG-UCC [10355..11114], atpF [complement(13470..14197)], rpoC1 [complement(23493..24211)], ycf3 [complement(44909..45638)], ycf3 [complement(45867..46600)], trnL-UAA [49485..49963], trnV-UAC [complement(54548..55136)], clpP [complement(73855..74509)], clpP [complement(74802..75575)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145537..145562], clpP [complement(73609..73854)], clpP [complement(74510..74801)], clpP [complement(75576..75646)], petB [78524..78529], petB [79319..79960], petD [80158..80165], petD [80882..81356], rpl16 [complement(84789..85184)], rpl16 [complement(86157..86165)], rpl2 [complement(87886..88316)], rpl2 [complement(88995..89385)], ndhB [complement(97867..98622)], ndhB [complement(99325..100047)], trnI-GAU [105619..105655], trnI-GAU [106600..106634], trnA-UGC [106699..106736], trnA-UGC [107535..107569], ndhA [complement(124366..124905)], ndhA [complement(126028..126579)], trnA-UGC [complement(138944..138978)], trnA-UGC [complement(139777..139814)], trnI-GAU [complement(139879..139913)], trnI-GAU [complement(140858..140894)], ndhB [146466..147188], ndhB [147891..148646]	[78530..79318], petD [80166..80881], rpl16 [complement(85185..86156)], rpl2 [complement(88317..88994)], ndhB [complement(98623..99324)], trnI-GAU [105656..106599], trnA-UGC [106737..107534], ndhA [complement(124906..126027)], trnA-UGC [complement(138979..139776)], trnI-GAU [complement(139914..140857)], ndhB [147189..147890]
2768.	PHNI	42	rps12 [complement(92062..92094)], rps12 [complement(92636..92866)], rps12 [complement(69990..70103)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3925..3962)], trnG-UCC [complement(13600..13647)], trnG-UCC [complement(14321..14343)], ycf3 [complement(44391..44549)], ycf3 [complement(45281..45508)], ycf3 [complement(46260..46391)], trnL-UAA [49159..49193], trnL-UAA [49734..49783], trnV-UAC [complement(53215..53251)], trnV-UAC [complement(53848..53886)], trnI-GAU [96691..96732], trnI-GAU [97679..97713], trnA-UGC [97779..97816], trnA-UGC [98628..98662], trnA-UGC [complement(124412..124446)], trnA-UGC [complement(125258..125295)], trnI-GAU [complement(125361..125395)], trnI-GAU [complement(126342..126383)]	trnK-UUU [complement(1410..3924)], rps16 [complement(4737..5565)], trnG-UCC [complement(13648..14320)], atpF [35393..36218], ycf3 [complement(44550..45280)], ycf3 [complement(45509..46259)], trnL-UAA [49194..49733], trnV-UAC [complement(53252..53847)], petB [73837..74653], petD [75492..76245], rpl16 [complement(80721..81817)], rpl2 [complement(84253..84912)], ndhB [complement(89749..90460)], trnI-GAU [96733..97678], trnA-UGC [97817..98627], ndhA [complement(115411..116431)], trnA-UGC [complement(124447..125257)], trnI-GAU [complement(125396..126341)], ndhB [132614..133325], rpl2 [138162..138821]
2769.	PHO M	46	rps12 [complement(101056..101082)], rps12 [complement(101619..101849)], rps12 [complement(73456..73569)], trnK-UUU [complement(1847..1881)],	trnK-UUU [complement(1882..4395)], rps16 [complement(5480..6320)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4396..4432)], trnG-UCC [10392..10415], trnG-UCC [11175..11222], trnL-UAA [49548..49582], trnL-UAA [50062..50111], trnV-UAC [complement(54610..54646)], trnV-UAC [complement(55234..55272)], rps12 [complement(73456..73569)], rps12 [144901..145130], rps12 [145667..145694], clpP [complement(73716..73961)], petD [80981..81461], trnI-GAU [105724..105765], trnI-GAU [106705..106739], trnA-UGC [106804..106841], trnA-UGC [107640..107674], trnA-UGC [complement(139076..139110)], trnA-UGC [complement(139909..139946)], trnI-GAU [complement(140011..140045)], trnI-GAU [complement(140985..141026)]	[10416..11174], atpF [complement(13533..14258)], rpoC1 [complement(23554..24274)], ycf3 [complement(45007..45736)], ycf3 [complement(45966..46699)], trnL-UAA [49583..50061], trnV-UAC [complement(54647..55233)], clpP [complement(73962..74614)], clpP [complement(74907..75680)], petB [78635..79423], petD [80271..80980], rpl16 [complement(85291..86260)], rpl2 [complement(88421..89098)], ndhB [complement(98728..99429)], trnI-GAU [105766..106704], trnA-UGC [106842..107639], ndhA [complement(125041..126162)], trnA-UGC [complement(139111..139908)], trnI-GAU [complement(140046..140984)], ndhB [147321..148022]
2770.	PHOR	7	rps12 [complement(72213..72326)], trnK-UUU [complement(1763..1797)], trnG-UCC [9226..9248], trnG-UCC [9943..9990], rps12 [142825..142850]	trnK-UUU [complement(1798..4277)], trnG-UCC [9249..9942]
2771.	PHPE	53	trnK-UUU [complement(1852..1886)], trnK-UUU [complement(4396..4432)], rps16 [complement(5154..5379)], rps16 [complement(6235..6275)], trnG-GCC [9210..9232], trnG-GCC [9925..9972], atpF [complement(11900..12309)], atpF [complement(13017..13161)], trnL-UAA [49115..49151], trnL-UAA [49652..49701], trnV-UAC [complement(53888..53924)], trnV-UAC [complement(54494..54531)], rps12 [complement(72718..72831)], rps12 [142484..142715], rps12 [143252..143277], clpP [complement(72935..73162)], clpP [complement(73801..74092)], clpP [complement(74880..74950)], petB [77900..77905], petB [78653..79300], rpl16 [complement(84134..84529)], rpl16 [complement(85489..85497)], ndhB [complement(97407..98162)], ndhB [complement(98842..99618)], trnI-GAU [104933..104974], trnI-GAU	trnK-UUU [complement(1887..4395)], rps16 [complement(5380..6234)], trnG-GCC [9233..9924], atpF [complement(12310..13016)], rpoC1 [complement(22898..23616)], ycf3 [complement(44224..45005)], ycf3 [complement(45234..45976)], trnL-UAA [49152..49651], trnV-UAC [complement(53925..54493)], clpP [complement(73163..73800)], clpP [complement(74093..74879)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105694..105728], trnA-UGC [105793..105830], trnA-UGC [106642..106676], ndhA [complement(122324..122863)], trnA-UGC [complement(137027..137061)], trnA-UGC [complement(137873..137910)], trnI-GAU [complement(137975..138009)], trnI-GAU [complement(138729..138770)]	[77906..78652], rpl16 [complement(84530..85488)], rpl2 [complement(87576..88238)], ndhB [complement(98163..98841)], trnI-GAU [104975..105693], trnA-UGC [105831..106641], ndhA [complement(122864..124009)], trnA-UGC [complement(137062..137872)], trnI-GAU [complement(138010..138728)]
2772.	PHPI	53	trnK-UUU [complement(1852..1886)], trnK-UUU [complement(4396..4432)], rps16 [complement(5154..5379)], rps16 [complement(6235..6275)], trnG-GCC [9210..9232], trnG-GCC [9925..9972], atpF [complement(11900..12309)], atpF [complement(13017..13161)], trnL-UAA [49115..49151], trnL-UAA [49652..49701], trnV-UAC [complement(53888..53924)], trnV-UAC [complement(54494..54531)], rps12 [complement(72718..72831)], rps12 [142484..142715], rps12 [143252..143277], clpP [complement(72935..73162)], clpP [complement(73801..74092)], clpP [complement(74880..74950)], petB [77900..77905], petB [78653..79300], rpl16 [complement(84134..84529)], rpl16 [complement(85489..85497)], ndhB [complement(97407..98162)], ndhB [complement(98842..99618)], trnI-GAU [104933..104974], trnI-GAU [105694..105728], trnA-UGC [105793..105830], trnA-UGC [106642..106676], ndhA [complement(122324..122863)], trnA-UGC [complement(137027..137061)], trnA-UGC [complement(137873..137910)], trnI-GAU [complement(137975..138009)], trnI-GAU [complement(138729..138770)]	trnK-UUU [complement(1887..4395)], rps16 [complement(5380..6234)], trnG-GCC [9233..9924], atpF [complement(12310..13016)], rpoC1 [complement(22898..23616)], ycf3 [complement(44224..45005)], ycf3 [complement(45234..45976)], trnL-UAA [49152..49651], trnV-UAC [complement(53925..54493)], clpP [complement(73163..73800)], clpP [complement(74093..74879)], petB [77906..78652], rpl16 [complement(84530..85488)], rpl2 [complement(87576..88238)], ndhB [complement(98163..98841)], trnI-GAU [104975..105693], trnA-UGC [105831..106641], ndhA [complement(122864..124009)], trnA-UGC [complement(137062..137872)], trnI-GAU [complement(138010..138728)]
2773.	PHPR	38	trnK-UUU [1385..1419], trnK-UUU [3920..3956], trnG-UCC [complement(13602..13649)], trnG-UCC [complement(14323..14345)], trnL-UAA [49191..49225], trnL-UAA [49766..49815], trnV-UAC	trnK-UUU [1420..3919], rps16 [complement(4739..5567)], trnG-UCC [complement(13650..14322)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53247..53283)], trnV-UAC [complement(53880..53918)], rps12 [130074..130305], rps12 [130846..130874], trnI-GAU [96683..96719], trnI-GAU [97673..97707], trnA-UGC [97773..97810], trnA-UGC [98623..98657], trnA-UGC [complement(124275..124309)], trnA-UGC [complement(125122..125159)], trnI-GAU [complement(125225..125259)], trnI-GAU [complement(126213..126249)]	[35410..36250], ycf3 [complement(44581..45311)], ycf3 [complement(45540..46291)], trnL-UAA [49226..49765], trnV-UAC [complement(53284..53879)], petB [73835..74648], petD [75489..76242], rpl16 [complement(80714..81810)], rpl2 [complement(84245..84907)], ndhB [complement(89741..90452)], trnI-GAU [96720..97672], trnA-UGC [97811..98622], ndhA [complement(115339..116358)], trnA-UGC [complement(124310..125121)], trnI-GAU [complement(125260..126212)], ndhB [132480..133191], rpl2 [138025..138687]
2774.	PHPU	5	atpF [complement(5372..5734)], rps12 [complement(26242..26355)], rps12 [52195..52470]	atpF [complement(5735..6419)], rpl16 [complement(29710..30530)]
2775.	PHRA	5	rps12 [complement(53866..53982)], rps12 [14550..14825], rpl16 [57730..58137]	atpF [complement(31182..31862)], rpl16 [56922..57729]
2776.	PHSA	61	rps12 [complement(89574..89602)], rps12 [complement(90143..90374)], rps12 [complement(66605..66718)], trnK-UUU [complement(1362..1390)], trnK-UUU [complement(3903..3939)], rpl16 [complement(4513..4661)], rpl16 [complement(5601..5640)], atpF [32793..32951], atpF [33754..34161], ycf3 [complement(41914..42072)], ycf3 [complement(42798..43025)], ycf3 [complement(43763..43894)], trnL [46208..46242], trnL [46733..46782], trnV-UAC [complement(50142..50178)], trnV-UAC [complement(50775..50813)], rps12 [127203..127434], rps12 [127975..128003], petB [70461..70466], petB [71275..71916], petD [72099..72108], petD [72857..73329], rpl16 [complement(76854..77255)], rpl16 [complement(78349..78357)], rpl2 [complement(80299..80730)], rpl2 [complement(81390..81782)], ndhB [complement(86501..87256)], ndhB [complement(87969..88745)], trnI-GAU [94203..94244], trnI-GAU [95190..95224], trnA-UGC [95290..95327], trnA-UGC [96139..96173], ndhA [complement(111914..112453)], ndhA	trnK-UUU [complement(1391..3902)], rpl16 [complement(4662..5600)], atpF [32952..33753], ycf3 [complement(42073..42797)], ycf3 [complement(43026..43762)], trnL [46243..46732], trnV-UAC [complement(50179..50774)], petB [70467..71274], petD [72109..72856], rpl16 [complement(77256..78348)], rpl2 [complement(80731..81389)], ndhB [complement(87257..87968)], trnI-GAU [94245..95189], trnA-UGC [95328..96138], ndhA [complement(112454..113492)], trnA-UGC [complement(121439..122249)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(113493..114041)], trnA-UGC [complement(121404..121438)], trnA-UGC [complement(122250..122288)], trnI-GAU [complement(122353..122387)], trnI-GAU [complement(123333..123374)], ndhB [128832..129608], ndhB [130321..131076], rpl2 [135795..136187], rpl2 [136847..137278]	GAU [complement(122388..123332)], ndhB [129609..130320], rpl2 [136188..136846]
2777.	PHSE	55	rps12 [complement(228..485)], rps12 [complement(77306..77419)], trnI-GAU [3820..3856], trnI-GAU [4799..4833], trnA-UGC [4898..4935], trnA-UGC [5774..5808], ndhA [complement(20466..21004)], ndhA [complement(22092..22644)], trnA-UGC [complement(35070..35104)], trnA-UGC [complement(35943..35980)], trnI-GAU [complement(36045..36079)], trnI-GAU [complement(37022..37058)], rps12 [40393..40650], ndhB [41062..41784], ndhB [42458..43213], trnG-UCC [58719..58741], trnG-UCC [59472..59519], rpoC1 [complement(69180..70778)], rpoC1 [complement(71555..71986)], clpP [complement(77539..77847)], clpP [complement(78478..78769)], clpP [complement(79622..79692)], petB [82600..82605], petB [83410..84051], petD [84270..84277], petD [85081..85555], rpl16 [complement(89066..89464)], rpl16 [complement(90347..90355)], ycf3 [complement(110837..110989)], ycf3 [complement(111741..111968)], ycf3 [complement(112727..112843)], trnL-UAA [115704..115740], trnL-UAA [116275..116324], trnV-UAC [complement(119184..119218)], trnV-UAC [complement(119798..119836)], trnK-UUU [125438..125474], trnK-UUU [127942..127976]	trnI-GAU [3857..4798], trnA-UGC [4936..5773], ndhA [complement(21005..22091)], trnA-UGC [complement(35105..35942)], trnI-GAU [complement(36080..37021)], ndhB [41785..42457], trnG-UCC [58742..59471], rpoC1 [complement(70779..71554)], clpP [complement(77848..78477)], clpP [complement(78770..79621)], petB [82606..83409], petD [84278..85080], rpl16 [complement(89465..90346)], ycf3 [complement(110990..111740)], ycf3 [complement(111969..112726)], trnL-UAA [115741..116274], trnV-UAC [complement(119219..119797)], trnK-UUU [125475..127941]
2778.	PHSH	46	rps12 [complement(101055..101081)], rps12 [complement(101618..101848)], rps12 [complement(73453..73566)], trnK-UUU [complement(1854..1888)], trnK-UUU [complement(4403..4439)], trnG-UCC [10396..10419], trnG-UCC [11178..11225], trnL-UAA [49473..49507], trnL-UAA [49987..50036], trnV-UAC [complement(54520..54556)], trnV-UAC [complement(55144..55182)], rps12 [complement(73453..73566)], rps12 [144922..145151], rps12 [145688..145715], clpP [complement(73713..73958)], petD [80975..81455], trnI-GAU [105723..105764], trnI-GAU [106704..106738], trnA-UGC [106803..106840], trnA-UGC [107639..107673], trnA-UGC [complement(139097..139131)], trnA-UGC [complement(139930..139967)],	trnK-UUU [complement(1889..4402)], rps16 [complement(5487..6329)], trnG-UCC [10420..11177], atpF [complement(13535..14258)], rpoC1 [complement(23554..24272)], ycf3 [complement(44938..45666)], ycf3 [complement(45896..46629)], trnL-UAA [49508..49986], trnV-UAC [complement(54557..55143)], clpP [complement(73959..74610)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(140032..140066)], trnI-GAU [complement(141006..141047)]	[complement(74903..75676)], petB [78631..79417], petD [80265..80974], rpl16 [complement(85283..86253)], rpl2 [complement(88420..89097)], ndhB [complement(98727..99428)], trnI-GAU [105765..106703], trnA-UGC [106841..107638], ndhA [complement(125060..126181)], trnA-UGC [complement(139132..139929)], trnI-GAU [complement(140067..141005)], ndhB [147342..148043]
2779.	PHSU	39	rps12 [complement(92641..92883)], rps12 [complement(70007..70120)], trnK-UUU [complement(1360..1404)], trnK-UUU [complement(3920..3957)], trnG-UCC [complement(13595..13642)], trnG-UCC [complement(14316..14338)], trnL-UAA [49153..49187], trnL-UAA [49728..49777], trnV-UAC [complement(53209..53245)], trnV-UAC [complement(53842..53880)], rps12 [130095..130337], trnI-GAU [96708..96749], trnI-GAU [97696..97730], trnA-UGC [97796..97833], trnA-UGC [98645..98679], trnA-UGC [complement(124299..124333)], trnA-UGC [complement(125145..125182)], trnI-GAU [complement(125248..125282)], trnI-GAU [complement(126229..126270)]	trnK-UUU [complement(1405..3919)], rps16 [complement(4732..5560)], trnG-UCC [complement(13643..14315)], atpF [35387..36212], ycf3 [complement(44552..45282)], ycf3 [complement(45511..46253)], trnL-UAA [49188..49727], trnV-UAC [complement(53246..53841)], petB [73854..74670], petD [75509..76262], rpl16 [complement(80738..81834)], rpl2 [complement(84270..84929)], ndhB [complement(89766..90477)], trnI-GAU [96750..97695], trnA-UGC [97834..98644], ndhA [complement(115363..116383)], trnA-UGC [complement(124334..125144)], trnI-GAU [complement(125283..126228)], ndhB [132501..133212], rpl2 [138049..138708]
2780.	PHTA	64	rps12 [complement(93668..93910)], rps12 [complement(64731..64844)], trnK-UUU [complement(1692..1726)], trnK-UUU [complement(4189..4225)], rps16 [complement(4516..4745)], rps16 [complement(5595..5634)], atpF [complement(10433..10867)], atpF [complement(11537..11707)], rpoC1	trnK-UUU [complement(1727..4188)], rps16 [complement(4746..5594)], atpF [complement(10868..11536)], rpoC1 [complement(20526..21277)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(18900..20525)], rpoC1 [complement(21278..21712)], ycf3 [complement(39470..39622)], ycf3 [complement(40352..40579)], ycf3 [complement(41296..41421)], trnL-UAA [43693..43729], trnL-UAA [44242..44291], trnV-UAC [complement(47343..47379)], trnV-UAC [complement(47935..47972)], rps12 [132439..132681], clpP [complement(65008..65235)], clpP [complement(65801..66091)], clpP [complement(66982..67050)], petB [69938..69943], petB [70771..71412], rpl16 [complement(76280..76678)], rpl16 [complement(77724..77732)], rpl2 [complement(79477..79902)], rpl2 [complement(80560..80952)], ndhB [complement(90064..90819)], ndhB [complement(91498..92274)], trnI-GAU [97408..97450], trnI-GAU [98388..98422], trnA-UGC [98491..98528], trnA-UGC [99328..99362], ndhA [complement(113993..114526)], ndhA [complement(115595..116146)], trnA-UGC [complement(126915..126949)], trnA-UGC [complement(127750..127788)], trnI-GAU [complement(127856..127890)], trnI-GAU [complement(128828..128870)], ndhB [134075..134851], ndhB [135530..136285], rpl2 [145405..145797], rpl2 [146455..146889]	[complement(39623..40351)], ycf3 [complement(40580..41295)], trnL-UAA [43730..44241], trnV-UAC [complement(47380..47934)], clpP [complement(65236..65800)], clpP [complement(66092..66981)], petB [69944..70770], rpl16 [complement(76679..77723)], rpl2 [complement(79903..80559)], ndhB [complement(90820..91497)], trnI-GAU [97451..98387], trnA-UGC [98529..99327], ndhA [complement(114527..115594)], trnA-UGC [complement(126950..127749)], trnI-GAU [complement(127891..128827)], ndhB [134852..135529], rpl2 [145798..146454]
2781.	PHVE	72	rps12 [complement(94993..95018)], rps12 [complement(95555..95786)], rps12 [complement(67687..67800)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4242..4278)], rps16 [complement(4922..5148)], rps16 [complement(6023..6062)], trnG-UCC [8873..8895], trnG-UCC [9585..9632], atpF [complement(11572..11982)], atpF [complement(12638..12781)], rpoC1 [complement(20629..22263)], rpoC1 [complement(23031..23465)], ycf3 [complement(41643..41795)], ycf3 [complement(42520..42749)], ycf3 [complement(43462..43585)], trnL-UAA [45905..45941], trnL-UAA [46429..46478], trnV-UAC [complement(50120..50156)], trnV-UAC [complement(50735..50772)], rps12 [136099..136330], rps12 [136867..136892], clpP [complement(67926..68153)], clpP [complement(68769..69060)], clpP [complement(69718..69788)], petB [72701..72706], petB [73424..74074], petD [74269..74276], petD [75004..75478], rpl16 [complement(78900..79292)], rpl16 [complement(80193..80201)], rpl2 [complement(81848..82281)], rpl2	trnK-UUU [complement(1734..4241)], rps16 [complement(5149..6022)], trnG-UCC [8896..9584], atpF [complement(11983..12637)], rpoC1 [complement(22264..23030)], ycf3 [complement(41796..42519)], ycf3 [complement(42750..43461)], trnL-UAA [45942..46428], trnV-UAC [complement(50157..50734)], clpP [complement(68154..68768)], clpP [complement(69061..69717)], petB [72707..73423], petD [74277..75003], rpl16 [complement(79293..80192)], rpl2 [complement(82282..82938)], ndhB [complement(92747..93425)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82939..83329)], ndhB [complement(91991..92746)], ndhB [complement(93426..94202)], trnI-GAU [99323..99359], trnI-GAU [100297..100331], trnA-UGC [100396..100433], trnA-UGC [101240..101274], ndhA [complement(116183..116721)], ndhA [complement(117742..118294)], trnA-UGC [complement(130611..130645)], trnA-UGC [complement(131452..131489)], trnI-GAU [complement(131554..131588)], trnI-GAU [complement(132526..132562)], ndhB [137683..138459], ndhB [139139..139894], rpl2 [148556..148946], rpl2 [149604..150037]	[99360..100296], trnA-UGC [100434..101239], ndhA [complement(116722..117741)], trnA-UGC [complement(130646..131451)], trnI-GAU [complement(131589..132525)], ndhB [138460..139138], rpl2 [148947..149603]
2782.	PHVU	69	rps12 [complement(94283..94308)], rps12 [complement(94838..95069)], rps12 [complement(68655..68768)], rpl16 [829..837], rpl16 [1855..2253], trnK-UUU [complement(4624..4658)], trnK-UUU [complement(7220..7256)], trnV-UAC [12556..12594], trnV-UAC [13185..13221], trnL-UAA [complement(16310..16359)], trnL-UAA [complement(16881..16917)], ycf3 [19209..19334], ycf3 [20022..20249], ycf3 [21048..21200], rpoC1 [39805..40239], rpoC1 [41051..42670], atpF [50566..50709], atpF [51420..51830], trnG-UCC [53962..54040], trnG-UCC [54702..54724], rps12 [135040..135271], rps12 [135801..135826], clpP [complement(68985..69207)], clpP [complement(69969..70265)], clpP [complement(70969..71036)], petB [73891..73896], petB [74689..75330], petD [75525..75533], petD [76247..76720], rpl2 [complement(80729..81163)], rpl2 [complement(81824..82213)], ndhB [complement(91242..91997)], ndhB [complement(92689..93411)], trnI-GAU [98952..98993], trnI-GAU [99933..99967], trnA-UGC [100032..100069], trnA-UGC [100881..100915], ndhA [complement(114823..115362)], ndhA [complement(116621..117172)], trnA-UGC [complement(129194..129228)], trnA-UGC [complement(130040..130077)], trnI-GAU [complement(130142..130176)], trnI-GAU [complement(131116..131157)], ndhB [136698..137420], ndhB [138112..138867], rpl2 [147896..148285], rpl2 [148946..149380]	rpl16 [838..1854], trnK-UUU [complement(4659..7219)], trnV-UAC [12595..13184], trnL-UAA [complement(16360..16880)], ycf3 [19335..20021], ycf3 [20250..21047], rpoC1 [40240..41050], atpF [50710..51419], trnG-UCC [54041..54701], clpP [complement(69208..69968)], clpP [complement(70266..70968)], petB [73897..74688], petD [75534..76246], rpl2 [complement(81164..81823)], ndhB [complement(91998..92688)], trnI-GAU [98994..99932], trnA-UGC [100070..100880], ndhA [complement(115363..116620)], trnA-UGC [complement(129229..130039)], trnI-GAU [complement(130177..131115)], ndhB [137421..138111], rpl2 [148286..148945]
2783.	PHZH	45	rps12 [complement(100974..101000)], rps12 [complement(101537..101767)], rps12 [complement(73371..73484)], trnK-UUU [complement(1796..1830)], trnK-UUU [complement(4345..4381)], trnG-UCC [10340..10363], trnG-UCC [11123..11170], trnL-UAA [49419..49453], trnL-UAA [49933..49982], trnV-	trnK-UUU [complement(1831..4344)], rps16 [complement(5424..6263)], trnG-UCC [10364..11122], atpF [complement(13478..14201)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(54467..54503)], trnV-UAC [complement(55090..55128)], rps12 [complement(73371..73484)], rps12 [144818..145047], rps12 [145584..145611], petD [80894..81374], trnI-GAU [105642..105683], trnI-GAU [106623..106657], trnA-UGC [106722..106759], trnA-UGC [107558..107592], trnA-UGC [complement(138993..139027)], trnA-UGC [complement(139826..139863)], trnI-GAU [complement(139928..139962)], trnI-GAU [complement(140902..140943)]	[complement(23497..24215)], ycf3 [complement(44883..45612)], ycf3 [complement(45842..46575)], trnL-UAA [49454..49932], trnV-UAC [complement(54504..55089)], clpP [complement(73877..74528)], clpP [complement(74821..75595)], petB [78550..79336], petD [80184..80893], rpl16 [complement(85202..86172)], rpl2 [complement(88340..89017)], ndhB [complement(98646..99347)], trnI-GAU [105684..106622], trnA-UGC [106760..107557], ndhA [complement(124956..126077)], trnA-UGC [complement(139028..139825)], trnI-GAU [complement(139963..140901)], ndhB [147238..147939]
2784.	PIAB	42	trnK-UUU [complement(1534..1568)], trnK-UUU [complement(4074..4108)], rps12 [9748..9861], trnV-UAC [27069..27107], trnV-UAC [27651..27687], rpoC1 [39427..39858], rpoC1 [40536..42194], atpF [49159..49303], atpF [50075..50484], trnG-GCC [complement(52439..52487)], trnG-GCC [complement(53259..53280)], petB [56635..56640], petB [57449..58090], petD [58300..58307], petD [59011..59539], rpl16 [complement(62812..63207)], rpl16 [complement(64077..64085)], rpl2 [complement(65609..66039)], rpl2 [complement(66717..67116)], trnL-UAA [complement(70116..70165)], trnL-UAA [complement(70654..70688)], ycf3 [73131..73259], ycf3 [73974..74201], ycf3 [74913..75068], trnI-GAU [88034..88075], trnI-GAU [89059..89093], trnA-UGC [89166..89203], trnA-UGC [89988..90022]	trnK-UUU [complement(1569..4073)], trnV-UAC [27108..27650], rpoC1 [39859..40535], atpF [49304..50074], trnG-GCC [complement(52488..53258)], petB [56641..57448], petD [58308..59010], rpl16 [complement(63208..64076)], rpl2 [complement(66040..66716)], trnL-UAA [complement(70166..70653)], ycf3 [73260..73973], ycf3 [74202..74912], trnI-GAU [88076..89058], trnA-UGC [89204..89987]
2785.	PIAC	66	rps12 [complement(97520..97545)], rps12 [complement(98087..98318)], rps12 [complement(70551..70664)], trnK-UUU [complement(2017..2051)], trnK-UUU [complement(4572..4608)], rps16 [complement(5280..5505)], rps16 [complement(6398..6438)], trnG-UCC [9425..9447], trnG-UCC	trnK-UUU [complement(2052..4571)], rps16 [complement(5506..6397)], trnG-UCC [9448..10143], atpF [complement(12563..13331)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10144..10191], atpF [complement(12153..12562)], atpF [complement(13332..13476)], rpoC1 [complement(21148..22749)], rpoC1 [complement(23555..23986)], ycf3 [complement(42845..42997)], ycf3 [complement(43763..43990)], ycf3 [complement(44762..44887)], trnL-UAA [47461..47497], trnL-UAA [48047..48096], trnV-UAC [complement(52117..52151)], trnV-UAC [complement(52756..52794)], rps12 [140116..140347], rps12 [140889..140914], clpP [complement(70852..71079)], clpP [complement(71708..71999)], clpP [complement(72766..72836)], petB [75797..75802], petB [76567..77208], petD [77419..77426], petD [78157..78631], rpl16 [complement(82095..82493)], rpl16 [complement(83394..83402)], ndhB [complement(94477..95232)], ndhB [complement(95901..96677)], trnI-GAU [101917..101953], trnI-GAU [102900..102934], trnA-UGC [103005..103042], trnA-UGC [103866..103900], ndhA [complement(120034..120572)], ndhA [complement(121619..122171)], trnA-UGC [complement(134534..134568)], trnA-UGC [complement(135392..135429)], trnI-GAU [complement(135500..135534)], trnI-GAU [complement(136481..136517)], ndhB [141757..142533], ndhB [143202..143957]	[complement(22750..23554)], ycf3 [complement(42998..43762)], ycf3 [complement(43991..44761)], trnL-UAA [47498..48046], trnV-UAC [complement(52152..52755)], clpP [complement(71080..71707)], clpP [complement(72000..72765)], petB [75803..76566], petD [77427..78156], rpl16 [complement(82494..83393)], ndhB [complement(95233..95900)], trnI-GAU [101954..102899], trnA-UGC [103043..103865], ndhA [complement(120573..121618)], trnA-UGC [complement(134569..135391)], trnI-GAU [complement(135535..136480)], ndhB [142534..143201]
2786.	PIAI	44	trnK-UUU [complement(1427..1461)], trnK-UUU [complement(3970..4006)], trnG-GCC [8705..8727], trnG-GCC [9536..9587], atpF [complement(11499..11908)], atpF [complement(12662..12806)], rpoC1 [complement(19736..21394)], rpoC1 [complement(22072..22503)], rps12 [30360..30473], rps12 [107757..107988], rps12 [108535..108560], trnV-UAC [47105..47143], trnV-UAC [47687..47720], petB [54368..54373], petB [55164..55805], petD [56025..56032], petD [56731..57205], rpl16 [complement(60586..60981)], rpl16 [complement(61822..61830)], rpl2 [complement(63349..63779)], rpl2 [complement(64456..64855)], trnL-UAA [67781..67830], trnL-UAA [68315..68349], ycf3 [70863..70986], ycf3 [71718..71947], ycf3 [72664..72819], trnI-GAU [85837..85873], trnI-GAU [86864..86898], trnA-UGC [86946..86983], trnA-UGC [87763..87797]	trnK-UUU [complement(1462..3969)], trnG-GCC [8728..9535], atpF [complement(11909..12661)], rpoC1 [complement(21395..22071)], trnV-UAC [47144..47686], petB [54374..55163], petD [56033..56730], rpl16 [complement(60982..61821)], rpl2 [complement(63780..64455)], trnL-UAA [67831..68314], ycf3 [70987..71717], ycf3 [71948..72663], trnI-GAU [85874..86863], trnA-UGC [86984..87762]
2787.	PIAQ	51	rps12 [complement(108215..108240)], rps12 [complement(108778..109009)], rps12 [complement(84797..84910)], rpl2 [7127..7517], rpl2 [8201..8634], petB	rpl2 [7518..8200], petB [complement(17465..18196)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(16766..17464)], petB [complement(18197..18202)], trnG-UCC [22402..22424], trnG-UCC [23128..23176], atpF [complement(25262..25672)], atpF [complement(26539..26682)], trnL-UAA [62490..62523], trnL-UAA [63061..63110], rps12 [complement(84797..84910)], rps12 [166415..166646], rps12 [167184..167209], rps16 [88141..88182], rps16 [89069..89266], rpl2 [complement(94426..94859)], rpl2 [complement(95543..95933)], ndhB [complement(105166..105921)], ndhB [complement(106607..107383)], trnI-GAU [112892..112928], trnI-GAU [113871..113905], trnA-UGC [113969..114006], trnA-UGC [114818..114852], ndhA [127306..127863], ndhA [129013..129552], ndhA [complement(145872..146411)], ndhA [complement(147561..148118)], trnA-UGC [complement(160572..160606)], trnA-UGC [complement(161418..161455)], trnI-GAU [complement(161519..161553)], trnI-GAU [complement(162496..162532)], ndhB [168041..168817], ndhB [169503..170258]	[22425..23127], atpF [complement(25673..26538)], trnL-UAA [62524..63060], rps16 [88183..89068], rpl2 [complement(94860..95542)], ndhB [complement(105922..106606)], trnI-GAU [112929..113870], trnA-UGC [114007..114817], ndhA [127864..129012], ndhA [complement(146412..147560)], trnA-UGC [complement(160607..161417)], trnI-GAU [complement(161554..162495)], ndhB [168818..169502]
2788.	PIAR	39	trnK-UUU [complement(1427..1461)], trnK-UUU [complement(3962..3996)], trnG-UCC [8840..8862], trnG-UCC [9524..9570], atpF [complement(11542..11951)], atpF [complement(12707..12851)], rpoC1 [complement(19793..21451)], rpoC1 [complement(22135..22566)], rps12 [30659..30754], rps12 [106808..107039], rps12 [107582..107607], trnV-UAC [47269..47307], trnV-UAC [47850..47884], petB [53695..53700], petB [54488..55129], petD [55344..55351], petD [56045..56606], rpl16 [complement(59938..60333)], rpl16 [complement(61179..61187)], rpl2 [complement(62714..63144)], rpl2 [complement(63820..64219)], trnL-UAA [66947..66996], trnL-UAA [67485..67519], trnI-GAU [84725..84761], trnI-GAU [85752..85786], trnA-UGC [85865..85903], trnA-UGC [86674..86708]	trnK-UUU [complement(1462..3961)], trnG-UCC [8863..9523], atpF [complement(11952..12706)], rpoC1 [complement(21452..22134)], trnV-UAC [47308..47849], petB [53701..54487], petD [55352..56044], rpl16 [complement(60334..61178)], rpl2 [complement(63145..63819)], trnL-UAA [66997..67484], trnI-GAU [84762..85751], trnA-UGC [85904..86673]
2789.	PIAS	44	trnK-UUU [complement(1534..1568)], trnK-UUU [complement(4074..4110)], rps12 [9752..9865], rps12 [113330..113561], rps12 [114104..114129], trnV-UAC [27064..27102], trnV-UAC [27646..27682], rpoC1 [39386..39817], rpoC1 [40498..42156], atpF [49121..49279], atpF [50036..50446], trnG-GCC [complement(52402..52438)], trnG-GCC [complement(53227..53248)], petB [56645..56650], petB [57488..58099], petD [58309..58319], petD [59014..59548], rpl16 [complement(62822..63217)], rpl16	trnK-UUU [complement(1569..4073)], trnV-UAC [27103..27645], rpoC1 [39818..40497], atpF [49280..50035], trnG-GCC [complement(52439..53226)], petB [56651..57487], petD [58320..59013], rpl16 [complement(63218..64089)], rpl2 [complement(66059..66732)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(64090..64098)], rpl2 [complement(65627..66058)], rpl2 [complement(66733..67134)], trnL-UAA [complement(70136..70185)], trnL-UAA [complement(70674..70708)], ycf3 [73151..73279], ycf3 [73994..74221], ycf3 [74933..75088], trnI-GAU [88088..88129], trnI-GAU [89113..89147], trnA-UGC [89220..89257], trnA-UGC [90042..90076]	[complement(70186..70673)], ycf3 [73280..73993], ycf3 [74222..74932], trnI-GAU [88130..89112], trnA-UGC [89258..90041]
2790.	PIAU	70	rps12 [complement(101483..101508)], rps12 [complement(102045..102276)], rps12 [complement(72642..72755)], trnK-UUU [complement(1652..1686)], trnK-UUU [complement(4257..4293)], rps16 [complement(5290..5543)], rps16 [complement(6351..6390)], atpF [complement(12111..12520)], atpF [complement(13261..13405)], rpoC1 [complement(21545..23179)], rpoC1 [complement(23950..24381)], ycf3 [complement(44138..44290)], ycf3 [complement(45021..45250)], ycf3 [complement(46074..46197)], trnL-UAA [48956..48990], trnL-UAA [49424..49473], trnV-UAC [complement(53730..53763)], trnV-UAC [complement(54365..54407)], rps12 [complement(72642..72755)], rps12 [145226..145457], rps12 [145994..146019], clpP [complement(72917..73161)], clpP [complement(73800..74092)], clpP [complement(74962..75032)], petB [78579..78584], petB [78806..79447], petD [79992..79997], petD [80401..80898], rpl16 [complement(84437..84835)], rpl16 [complement(85934..85942)], rpl2 [complement(87721..88151)], rpl2 [complement(88817..89207)], ndhB [complement(98403..99158)], ndhB [complement(99859..100635)], trnI-GAU [106333..106369], trnI-GAU [107315..107349], trnA-UGC [107414..107451], trnA-UGC [108259..108293], ndhA [120622..121173], ndhA [122273..122812], trnA-UGC [139208..139242], trnA-UGC [140051..140088], trnI-GAU [complement(140153..140187)], trnI-GAU [complement(141133..141169)], ndhB [146867..147643], ndhB [148344..149099], rpl2 [158295..158685], rpl2 [159351..159781]	trnK-UUU [complement(1687..4256)], rps16 [complement(5544..6350)], atpF [complement(12521..13260)], rpoC1 [complement(23180..23949)], ycf3 [complement(44291..45020)], ycf3 [complement(45251..46073)], trnL-UAA [48991..49423], trnV-UAC [complement(53764..54364)], clpP [complement(73162..73799)], clpP [complement(74093..74961)], petB [78585..78805], petD [79998..80400], rpl16 [complement(84836..85933)], rpl2 [complement(88152..88816)], ndhB [complement(99159..99858)], trnI-GAU [106370..107314], trnA-UGC [107452..108258], ndhA [121174..122272], trnA-UGC [139243..140050], trnI-GAU [complement(140188..141132)], ndhB [147644..148343], rpl2 [158686..159350]
2791.	PIAV	61	rps12 [complement(90451..90478)], rps12 [complement(91019..91239)], rps12 [complement(68429..68542)], trnK [complement(1387..1411)], trnK [complement(3913..3949)], rps16 [complement(4508..4725)], rps16 [complement(5548..5558)], trnG [complement(12796..12843)], trnG	trnK [complement(1412..3912)], rps16 [complement(4726..5547)], trnG [complement(12844..13516)], atpF [33701..34534], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13517..13540)], atpF [33556..33700], atpF [34535..34941], ycf3 [complement(42714..42872)], ycf3 [complement(43582..43811)], ycf3 [complement(44554..44677)], trnL [47404..47438], trnL [47965..48014], trnV [complement(51542..51576)], trnV [complement(52175..52213)], rps12 [128064..128295], rps12 [128836..128864], petD [73927..73934], petD [74686..75160], rpl16 [complement(78772..79173)], rpl16 [complement(80192..80200)], rpl2 [complement(82200..82630)], rpl2 [complement(83294..83684)], ndhB [complement(87378..88133)], ndhB [complement(88846..89622)], trnI [95087..95123], trnI [95930..95964], trnA [96030..96067], trnA [96879..96913], ndhA [complement(112953..113491)], ndhA [complement(114522..115071)], trnA [complement(122402..122436)], trnA [complement(123248..123285)], trnI [complement(123351..123385)], trnI [complement(124192..124228)], ndhB [129693..130469], ndhB [131182..131937], rpl2 [135631..136021], rpl2 [136685..137115]	[complement(42873..43581)], ycf3 [complement(43812..44553)], trnL [47439..47964], trnV [complement(51577..52174)], petD [73935..74685], rpl16 [complement(79174..80191)], rpl2 [complement(82631..83293)], ndhB [complement(88134..88845)], trnI [95124..95929], trnA [96068..96878], ndhA [complement(113492..114521)], trnA [complement(122437..123247)], trnI [complement(123386..124191)], ndhB [130470..131181], rpl2 [136022..136684]
2792.	PIAY	49	rps12 [96960..97085], rps12 [51629..51886], trnK-UUU [complement(1664..1698)], trnK-UUU [complement(4145..4181)], trnV-UAC [9113..9151], trnV-UAC [9732..9766], trnL-UAA [complement(12687..12736)], trnL-UAA [complement(13169..13203)], ycf3 [16165..16288], ycf3 [16987..17216], ycf3 [17944..18096], trnA-UGC [complement(46130..46164)], trnA-UGC [complement(46970..47007)], trnI-GAU [complement(47073..47107)], trnI-GAU [complement(47791..47827)], ndhB [52490..53212], ndhB [53912..54667], ndhA [62194..62746], ndhA [63969..64507], atpF [complement(77865..78275)], atpF [complement(78940..79074)], rpoC1 [complement(86698..88329)], rpoC1 [complement(89091..89525)], clpP [95485..95847], clpP [96390..96626], petB [104336..104341], petB [105154..105795], petD [105991..105998], petD [106726..107200], rpl16 [complement(111293..111694)], rpl16 [complement(112799..112807)], rpl2 [complement(114590..115024)], rpl2 [complement(115721..116113)]	trnK-UUU [complement(1699..4144)], trnV-UAC [9152..9731], trnL-UAA [complement(12737..13168)], ycf3 [16289..16986], ycf3 [17217..17943], trnA-UGC [complement(46165..46969)], trnI-GAU [complement(47108..47790)], ndhB [53213..53911], ndhA [62747..63968], atpF [complement(78276..78939)], rpoC1 [complement(88330..89090)], clpP [95848..96389], petB [104342..105153], petD [105999..106725], rpl16 [complement(111695..112798)], rpl2 [complement(115025..115720)]
2793.	PIAZ	66	rps12 [complement(99759..99793)], rps12 [complement(100330..100561)], rps12 [complement(72148..72261)], rps16 [complement(5306..5532)], rps16 [complement(6411..6450)], trnG-GCC [10084..10106], trnG-GCC	rps16 [complement(5533..6410)], trnG-GCC [10107..10783], atpF [complement(13183..13879)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10784..10831], atpF [complement(12772..13182)], atpF [complement(13880..14023)], rpoC1 [complement(21912..23531)], rpoC1 [complement(24292..24744)], ycf3 [complement(44261..44413)], ycf3 [complement(45158..45387)], ycf3 [complement(46099..46222)], trnL-UAA [49084..49118], trnL-UAA [49593..49642], rps12 [141218..141449], rps12 [141986..142020], clpP [complement(72395..72622)], clpP [complement(73265..73556)], clpP [complement(74365..74435)], petB [77352..77357], petB [78070..78711], petD [78894..78901], petD [79641..80115], rpl16 [complement(83543..83941)], rpl16 [complement(84801..84809)], rpl2 [complement(86479..86912)], rpl2 [complement(87588..87978)], ndhB [complement(96756..97511)], ndhB [complement(98191..98967)], trnI-GAU [104247..104283], trnI-GAU [105231..105265], trnA-UGC [105330..105367], trnA-UGC [106170..106204], ndhA [complement(120966..121495)], ndhA [complement(122604..123159)], trnA-UGC [complement(135575..135609)], trnA-UGC [complement(136412..136449)], trnI-GAU [complement(136514..136548)], trnI-GAU [complement(137496..137532)], ndhB [142812..143588], ndhB [144268..145023], rpl2 [153801..154191], rpl2 [154867..155300]	[complement(23532..24291)], ycf3 [complement(44414..45157)], ycf3 [complement(45388..46098)], trnL-UAA [49119..49592], clpP [complement(72623..73264)], clpP [complement(73557..74364)], petB [77358..78069], petD [78902..79640], rpl16 [complement(83942..84800)], rpl2 [complement(86913..87587)], ndhB [complement(97512..98190)], trnI-GAU [104284..105230], trnA-UGC [105368..106169], ndhA [complement(121496..122603)], trnA-UGC [complement(135610..136411)], trnI-GAU [complement(136549..137495)], ndhB [143589..144267], rpl2 [154192..154866]
2794.	PIBU	18	atpF [complement(11685..12094)], atpF [complement(12850..12994)], rpoC1 [complement(19936..21594)], rpoC1 [complement(22278..22709)], rps12 [30583..30696], rps12 [107419..107650], rps12 [108188..108213], petB [54540..54545], petB [55328..55969], petD [56184..56191], petD [56895..57429], rpl16 [complement(60760..61155)], rpl16 [complement(62005..62013)], rpl2 [complement(63541..63971)], rpl2 [complement(64646..65045)], ycf3 [70876..70999], ycf3 [71718..71947], ycf3 [72656..72811]	-
2795.	PICA	5	rps12 [complement(4895..5137)], rps12 [complement(22350..22463)], rpl2 [12990..13380], rpl2 [14107..14540]	rpl2 [13381..14106]
2796.	PICE	4	rps12 [complement(72699..72812)], rps12 [146710..146735], ndhA [122356..122895]	rpl2 [complement(88227..88891)]
2797.	PICH	38	trnK-UUU [complement(1534..1568)], trnK-UUU [complement(4081..4117)], rps12 [9755..9868], rps12 [112643..112874], rps12 [113417..113442], trnV-	trnK-UUU [complement(1569..4080)], trnV-UAC [27144..27688], rpoC1 [39859..40203],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [27105..27143], trnV-UAC [27689..27723], rpoC1 [39427..39858], rpoC1 [40204..41715], atpF [48676..48820], atpF [49596..50005], petB [56032..56037], petB [56828..57469], petD [57679..57686], petD [58390..58918], rpl16 [complement(62190..62585)], rpl16 [complement(63456..63464)], rpl2 [complement(64990..65420)], rpl2 [complement(66098..66497)], ycf3 [72517..72645], ycf3 [73358..73585], ycf3 [74298..74453], trnI-GAU [87422..87463], trnI-GAU [88447..88481], trnA-UGC [88554..88591], trnA-UGC [89376..89410]	atpF [48821..49595], petB [56038..56827], petD [57687..58389], rpl16 [complement(62586..63455)], rpl2 [complement(65421..66097)], ycf3 [72646..73357], ycf3 [73586..74297], trnI-GAU [87464..88446], trnA-UGC [88592..89375]
2798.	PICM	26	rps12 [complement(76372..76485)], trnK-UUU [complement(1806..1840)], trnK-UUU [complement(4389..4425)], trnG-UCC [11041..11063], trnG-UCC [11774..11821], trnL-UAA [52938..52972], trnL-UAA [53488..53537], trnV-UAC [complement(57178..57214)], trnV-UAC [complement(57830..57868)], rps12 [148748..148773], trnI-GAU [110049..110085], trnI-GAU [111039..111073], trnA-UGC [111138..111175], trnA-UGC [111978..112012], trnA-UGC [complement(142058..142092)], trnA-UGC [complement(142895..142932)], trnI-GAU [complement(142997..143031)], trnI-GAU [complement(143985..144021)]	trnK-UUU [complement(1841..4388)], trnG-UCC [11064..11773], trnL-UAA [52973..53487], trnV-UAC [complement(57215..57829)], trnI-GAU [110086..111038], trnA-UGC [111176..111977], trnA-UGC [complement(142093..142894)], trnI-GAU [complement(143032..143984)]
2799.	PICO	19	atpF [complement(11743..12152)], atpF [complement(12907..13051)], rpoC1 [complement(20019..21677)], rpoC1 [complement(22353..22784)], rps12 [30631..30744], rps12 [110484..110715], rps12 [111256..111281], petB [54913..54918], petB [55705..56346], petD [56554..56561], petD [57260..57794], rpl16 [complement(61130..61525)], rpl16 [complement(62362..62370)], rpl2 [complement(63888..64318)], rpl2 [complement(64990..65389)], ycf3 [71335..71458], ycf3 [72185..72414], ycf3 [73118..73273]	ycf3 [71459..72184]
2800.	PICR	44	trnK-UUU [complement(1534..1568)], trnK-UUU [complement(4074..4110)], rps12 [9753..9866], rps12 [113325..113556], rps12 [114099..114124], trnV-UAC [27065..27103], trnV-UAC [27647..27683], rpoC1 [39388..39819], rpoC1 [40500..42158], atpF [49123..49281], atpF [50038..50448], trnG-GCC [complement(52404..52440)], trnG-GCC [complement(53229..53250)], petB [56647..56652], petB [57490..58101], petD [58311..58321], petD [59016..59550], rpl16 [complement(62824..63219)], rpl16	trnK-UUU [complement(1569..4073)], trnV-UAC [27104..27646], rpoC1 [39820..40499], atpF [49282..50037], trnG-GCC [complement(52441..53228)], petB [56653..57489], petD [58322..59015], rpl16 [complement(63220..64090)], rpl2 [complement(66060..66733)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(64091..64099)], rpl2 [complement(65628..66059)], rpl2 [complement(66734..67135)], trnL-UAA [complement(70137..70186)], trnL-UAA [complement(70675..70709)], ycf3 [73152..73280], ycf3 [73995..74222], ycf3 [74934..75089], trnI-GAU [88083..88124], trnI-GAU [89108..89142], trnA-UGC [89215..89252], trnA-UGC [90037..90071]	[complement(70187..70674)], ycf3 [73281..73994], ycf3 [74223..74933], trnI-GAU [88125..89107], trnA-UGC [89253..90036]
2801.	PICS	38	trnK-UUU [complement(1592..1626)], trnK-UUU [complement(4164..4218)], trnG-GCC [8898..8921], trnG-GCC [9663..9710], atpF [complement(11716..12125)], atpF [complement(12881..13025)], rpoC1 [complement(20018..21676)], rpoC1 [complement(22352..22783)], rps12 [30376..30489], rps12 [109690..109921], rps12 [110465..110490], petB [54742..54747], petB [55551..56192], petD [56401..56408], petD [57108..57642], rpl16 [complement(60988..61383)], rpl16 [complement(62215..62223)], rpl2 [complement(63743..64173)], rpl2 [complement(64845..65244)], trnL-UAA [complement(68115..68164)], trnL-UAA [complement(68649..68683)], ycf3 [71282..71406], ycf3 [72131..72359], ycf3 [73060..73215], trnI-GAU [86209..86245], trnI-GAU [87227..87261]	trnK-UUU [complement(1627..4163)], trnG-GCC [8922..9662], atpF [complement(12126..12880)], rpoC1 [complement(21677..22351)], petB [54748..55550], petD [56409..57107], rpl16 [complement(61384..62214)], rpl2 [complement(64174..64844)], trnL-UAA [complement(68165..68648)], ycf3 [71407..72130], ycf3 [72360..73059], trnI-GAU [86246..87226]
2802.	PIDE	47	psbA [complement(119790..119875)], psbA [complement(1..976)], trnK-UUU [complement(1501..1535)], trnK-UUU [complement(4037..4073)], trnG-UCC [8743..8765], trnG-UCC [9509..9556], atpF [complement(11563..11972)], atpF [complement(12728..12872)], rpoC1 [complement(19882..21540)], rpoC1 [complement(22215..22646)], rps12 [30345..30458], rps12 [109730..109961], rps12 [110504..110529], trnV-UAC [47463..47499], trnV-UAC [48043..48079], petB [54762..54767], petB [55571..56212], petD [56420..56427], petD [57127..57661], rpl16 [complement(61007..61402)], rpl16 [complement(62234..62242)], rpl2 [complement(63761..64191)], rpl2 [complement(64859..65258)], trnL-UAA [68138..68187], trnL-UAA [68667..68701], ycf3 [71260..71383], ycf3 [72107..72336], ycf3 [73037..73192], trnI-GAU [86186..86222], trnI-GAU [87205..87239], trnA-UGC [87335..87372], trnA-UGC [88147..88181]	psbA [complement(119876..0)], trnK-UUU [complement(1536..4036)], trnG-UCC [8766..9508], atpF [complement(11973..12727)], rpoC1 [complement(21541..22214)], trnV-UAC [47500..48042], petB [54768..55570], petD [56428..57126], rpl16 [complement(61403..62233)], rpl2 [complement(64192..64858)], trnL-UAA [68188..68666], ycf3 [71384..72106], ycf3 [72337..73036], trnI-GAU [86223..87204], trnA-UGC [87373..88146]
2803.	PIDI	73	rps12 [complement(101330..101366)], rps12 [complement(101895..102133)], rps12 [complement(73180..73293)], trnK [complement(1855..1889)], trnK [complement(4418..4454)], rps16 [complement(5042..5250)], rps16	trnK [complement(1890..4417)], rps16 [complement(5251..6126)], trnG [9722..10470], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6127..6166)], trnG [9699..9721], trnG [10471..10519], atpF [complement(12710..13134)], atpF [complement(13876..14020)], rpoC1 [complement(22106..23722)], rpoC1 [complement(24457..24909)], ycf3 [complement(45657..45809)], ycf3 [complement(46537..46766)], ycf3 [complement(47524..47647)], trnL [50847..50881], trnL [51391..51436], trnV [complement(54633..54667)], trnV [complement(55264..55302)], rps12 [complement(73180..73293)], rps12 [144424..144662], rps12 [145191..145227], clpP [complement(73460..73687)], clpP [complement(74325..74616)], clpP [complement(75488..75558)], petB [78380..78385], petB [79166..79807], petD [80000..80007], petD [80760..81234], rpl16 [complement(84562..84960)], rpl16 [complement(85967..85975)], rpl2 [complement(87677..88110)], rpl2 [complement(88775..89165)], ndhB [complement(98270..99025)], ndhB [complement(99707..100483)], trnI [106079..106115], trnI [107073..107107], trnA [107172..107209], trnA [108013..108047], ndhA [complement(123901..124440)], ndhA [complement(125508..126059)], trnA [complement(138510..138544)], trnA [complement(139348..139385)], trnI [complement(139451..139485)], trnI [complement(140443..140479)], ndhB [146074..146850], ndhB [147532..148287], rpl2 [157392..157782], rpl2 [158447..158880]	[complement(13135..13875)], rpoC1 [complement(23723..24456)], ycf3 [complement(45810..46536)], ycf3 [complement(46767..47523)], trnL [50882..51390], trnV [complement(54668..55263)], clpP [complement(73688..74324)], clpP [complement(74617..75487)], petB [78386..79165], petD [80008..80759], rpl16 [complement(84961..85966)], rpl2 [complement(88111..88774)], ndhB [complement(99026..99706)], trnI [106116..107072], trnA [107210..108012], ndhA [complement(124441..125507)], trnA [complement(138545..139347)], trnI [complement(139486..140442)], ndhB [146851..147531], rpl2 [157783..158446]
2804.	PIEH	37	trnQ [complement(5029..5240)], trnQ [complement(6072..6111)], ycf3 [complement(42544..42696)], ycf3 [complement(43395..43624)], ycf3 [complement(44329..44452)], rps12 [133729..133853], psbB [complement(67850..68077)], psbB [complement(68708..68999)], psbB [complement(69736..69806)], petB [72679..72684], petB [73421..74062], petD [74255..74262], petD [74970..75444], rpl16 [complement(78924..79322)], rpl16 [complement(80181..80189)]	trnK [complement(4316..1722)], trnV [complement(50469..49816)], trnA [complement(128357..127472)], trnI [complement(129440..128420)], trnQ [complement(5241..6071)], trnG [8622..9328], atpF [complement(11731..12443)], rpoC1 [complement(22060..22854)], ycf3 [complement(42697..43394)], ycf3 [complement(43625..44328)], trnL [46733..47212], psbB [complement(68078..68707)], psbB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(69000..69735)], petB [72685..73420], petD [74263..74969], rpl16 [complement(79323..80180)], rpl2 [complement(82291..82955)], ndhB [complement(92820..93498)], trnI [99514..100460], trnA [100598..101408], ndhB [135418..136096], rpl2 [145961..146625]
2805.	PIEI	38	trnK-UUU [complement(1588..1622)], trnK-UUU [complement(4167..4221)], trnG-GCC [8935..8958], trnG-GCC [9707..9754], atpF [complement(11765..12174)], atpF [complement(12930..13074)], rpoC1 [complement(20029..21687)], rpoC1 [complement(22370..22801)], rps12 [30367..30480], rps12 [109879..110110], rps12 [110650..110675], petB [54799..54804], petB [55610..56251], petD [56459..56466], petD [57165..57831], rpl16 [complement(61033..61428)], rpl16 [complement(62264..62272)], rpl2 [complement(63790..64220)], rpl2 [complement(64892..65291)], trnL-UAA [complement(68168..68217)], trnL-UAA [complement(68702..68737)], ycf3 [71347..71471], ycf3 [72199..72427], ycf3 [73137..73292], trnI-GAU [86297..86338], trnI-GAU [87343..87377]	trnK-UUU [complement(1623..4166)], trnG-GCC [8959..9706], atpF [complement(12175..12929)], rpoC1 [complement(21688..22369)], petB [54805..55609], petD [56467..57164], rpl16 [complement(61429..62263)], rpl2 [complement(64221..64891)], trnL-UAA [complement(68218..68701)], ycf3 [71472..72198], ycf3 [72428..73136], trnI-GAU [86339..87342]
2806.	PIEL	73	rps12 [complement(99997..100022)], rps12 [complement(100574..100802)], rps12 [complement(71047..71160)], trnK-UUU [complement(1418..1452)], trnK-UUU [complement(4020..4056)], rps16 [complement(4776..4995)], rps16 [complement(5875..5915)], trnG-UCC [9227..9249], trnG-UCC [9958..10005], atpF [complement(11937..12347)], atpF [complement(13128..13274)], rpoC1 [complement(21030..22650)], rpoC1 [complement(23388..23815)], ycf3 [complement(42658..42818)], ycf3 [complement(43552..43779)], ycf3 [complement(44508..44631)], trnL-UAA [47693..47727], trnL-UAA [48235..48284], trnV-UAC [complement(52407..52443)], trnV-UAC [complement(53032..53070)], rps12 [complement(71047..71160)], rps12 [142506..142734], rps12 [143286..143311], clpP [complement(71290..71541)], clpP [complement(72199..72490)], clpP [complement(73321..73391)], petB [76317..76322], petB [77105..77752], petD [77946..77953], petD	trnK-UUU [complement(1453..4019)], rps16 [complement(4996..5874)], trnG-UCC [9250..9957], atpF [complement(12348..13127)], rpoC1 [complement(22651..23387)], ycf3 [complement(42819..43551)], ycf3 [complement(43780..44507)], trnL-UAA [47728..48234], trnV-UAC [complement(52444..53031)], clpP [complement(71542..72198)], clpP [complement(72491..73320)], petB [76323..77104], petD [77954..78695], rpl16 [complement(83085..84308)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78696..79209], rpl16 [complement(82686..83084)], rpl16 [complement(84309..84317)], rpl2 [complement(86252..86683)], rpl2 [complement(87346..87735)], ndhB [complement(96931..97686)], ndhB [complement(98391..99167)], trnI-GAU [104799..104840], trnI-GAU [105778..105812], trnA-UGC [105877..105914], trnA-UGC [106716..106750], ndhA [complement(122027..122565)], ndhA [complement(123689..124241)], trnA-UGC [complement(136558..136592)], trnA-UGC [complement(137394..137431)], trnI-GAU [complement(137496..137530)], trnI-GAU [complement(138468..138509)], ndhB [144141..144917], ndhB [145622..146377], rpl2 [155573..155962], rpl2 [156625..157056]	[complement(86684..87345)], ndhB [complement(97687..98390)], trnI-GAU [104841..105777], trnA-UGC [105915..106715], ndhA [complement(122566..123688)], trnA-UGC [complement(136593..137393)], trnI-GAU [complement(137531..138467)], ndhB [144918..145621], rpl2 [155963..156624]
2807.	PIEN	44	trnK-UUU [complement(1534..1568)], trnK-UUU [complement(4081..4115)], rps12 [9752..9865], rps12 [112721..112952], rps12 [113495..113520], trnV-UAC [27072..27110], trnV-UAC [27654..27690], rpoC1 [39010..39439], rpoC1 [40121..41781], atpF [48742..48885], atpF [49651..50061], trnG-GCC [complement(52019..52055)], trnG-GCC [complement(52838..52859)], petB [56285..56290], petB [57081..57722], petD [57932..57939], petD [58643..59171], rpl16 [complement(62444..62839)], rpl16 [complement(63707..63715)], rpl2 [complement(65238..65669)], rpl2 [complement(66344..66745)], trnL-UAA [complement(69752..69801)], trnL-UAA [complement(70290..70324)], ycf3 [72785..72915], ycf3 [73630..73855], ycf3 [74567..74722], trnI-GAU [87702..87743], trnI-GAU [88712..88746], trnA-UGC [88819..88856], trnA-UGC [89641..89675]	trnK-UUU [complement(1569..4080)], trnV-UAC [27111..27653], rpoC1 [39440..40120], atpF [48886..49650], trnG-GCC [complement(52056..52837)], petB [56291..57080], petD [57940..58642], rpl16 [complement(62840..63706)], rpl2 [complement(65670..66343)], trnL-UAA [complement(69802..70289)], ycf3 [72916..73629], ycf3 [73856..74566], trnI-GAU [87744..88711], trnA-UGC [88857..89640]
2808.	PIEX	66	rps12 [complement(99765..99799)], rps12 [complement(100336..100567)], rps12 [complement(72203..72316)], rps16 [complement(5295..5521)], rps16 [complement(6398..6437)], trnG-GCC [10110..10132], trnG-GCC [10810..10857], atpF [complement(12798..13208)], atpF [complement(13906..14049)], rpoC1 [complement(21932..23551)], rpoC1 [complement(24315..24767)], ycf3 [complement(44305..44457)], ycf3 [complement(45201..45430)], ycf3 [complement(46139..46262)], trnL-UAA [49135..49169], trnL-UAA [49644..49693], rps12 [141238..141469], rps12 [142006..142040], clpP [complement(72450..72677)], clpP [complement(73320..73611)], clpP [complement(74418..74488)], petB	rps16 [complement(5522..6397)], trnG-GCC [10133..10809], atpF [complement(13209..13905)], rpoC1 [complement(23552..24314)], ycf3 [complement(44458..45200)], ycf3 [complement(45431..46138)], trnL-UAA [49170..49643], clpP [complement(72678..73319)], clpP [complement(73612..74417)], petB [77411..78124], petD [78957..79688], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77405..77410], petB [78125..78766], petD [78949..78956], petD [79689..80163], rpl16 [complement(83579..83977)], rpl16 [complement(84838..84846)], rpl2 [complement(86512..86945)], rpl2 [complement(87621..88011)], ndhB [complement(96762..97517)], ndhB [complement(98197..98973)], trnI-GAU [104253..104289], trnI-GAU [105237..105271], trnA-UGC [105336..105373], trnA-UGC [106185..106219], ndhA [complement(120987..121516)], ndhA [complement(122616..123171)], trnA-UGC [complement(135586..135620)], trnA-UGC [complement(136432..136469)], trnI-GAU [complement(136534..136568)], trnI-GAU [complement(137516..137552)], ndhB [142832..143608], ndhB [144288..145043], rpl2 [153794..154184], rpl2 [154860..155293]	[complement(83978..84837)], rpl2 [complement(86946..87620)], ndhB [complement(97518..98196)], trnI-GAU [104290..105236], trnA-UGC [105374..106184], ndhA [complement(121517..122615)], trnA-UGC [complement(135621..136431)], trnI-GAU [complement(136569..137515)], ndhB [143609..144287], rpl2 [154185..154859]
2809.	PIFL	26	rps12 [complement(77307..77420)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4431..4467)], trnG-UCC [10967..10989], trnG-UCC [11712..11759], trnL-UAA [53841..53875], trnL-UAA [54426..54475], trnV-UAC [complement(58305..58341)], trnV-UAC [complement(58957..58995)], rps12 [163472..163497], trnI-GAU [111233..111269], trnI-GAU [112223..112257], trnA-UGC [112322..112359], trnA-UGC [113162..113196], trnA-UGC [complement(156768..156802)], trnA-UGC [complement(157605..157642)], trnI-GAU [complement(157707..157741)], trnI-GAU [complement(158695..158731)]	trnK-UUU [complement(1864..4430)], trnG-UCC [10990..11711], trnL-UAA [53876..54425], trnV-UAC [complement(58342..58956)], trnI-GAU [111270..112222], trnA-UGC [112360..113161], trnA-UGC [complement(156803..157604)], trnI-GAU [complement(157742..158694)]
2810.	PIFU	52	rps12 [95666..95791], rps12 [51510..51767], trnK-UUU [complement(1664..1692)], trnK-UUU [complement(4139..4175)], trnV-UAC [9098..9136], trnV-UAC [9711..9747], trnL-UAA [complement(12668..12717)], trnL-UAA [complement(13153..13189)], ycf3 [16151..16276], ycf3 [16975..17202], ycf3 [17924..18076], ycf2 [22577..23008], ycf2 [23024..28060], trnA-UGC [complement(46015..46049)], trnA-UGC [complement(46855..46892)], trnI-GAU [complement(46958..46992)], trnI-GAU [complement(47671..47712)], ndhB [52371..53093], ndhB [53793..54548], ndhA [62012..62575], ndhA [63786..64325], atpF [complement(76587..76997)], atpF [complement(77662..77796)], rpoC1 [complement(85406..87037)], rpoC1 [complement(87799..88233)], clpP [94191..94553], clpP [95096..95332], petB	trnK-UUU [complement(1693..4138)], trnV-UAC [9137..9710], trnL-UAA [complement(12718..13152)], ycf3 [16277..16974], ycf3 [17203..17923], ycf2 [23009..23023], trnA-UGC [complement(46050..46854)], trnI-GAU [complement(46993..47670)], ndhB [53094..53792], ndhA [62576..63785], atpF [complement(76998..77661)], rpoC1 [complement(87038..87798)], clpP [94554..95095], petB [103045..103859], petD [104706..105381], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[103039..103044], petB [103860..104501], petD [104697..104705], petD [105382..105906], rpl16 [complement(109994..110395)], rpl16 [complement(111502..111510)], rpl2 [complement(113296..113730)], rpl2 [complement(114427..114819)]	[complement(110396..111501)], rpl2 [complement(113731..114426)]
2811.	PIGE	18	atpF [complement(11505..11914)], atpF [complement(12670..12814)], rpoC1 [complement(19764..21422)], rpoC1 [complement(22103..22534)], rps12 [30412..30525], rps12 [107158..107389], rps12 [107927..107952], petB [54300..54305], petB [55088..55729], petD [55951..55958], petD [56652..57189], rpl16 [complement(60520..60915)], rpl16 [complement(61766..61774)], rpl2 [complement(63300..63730)], rpl2 [complement(64407..64806)], ycf3 [70626..70749], ycf3 [71469..71698], ycf3 [72407..72562]	-
2812.	PIGL	30	trnK-UUU [complement(1534..1568)], trnK-UUU [complement(4081..4115)], rps12 [9559..9672], rps12 [112442..112673], rps12 [113216..113241], trnV-UAC [26850..26888], trnV-UAC [27432..27468], rpoC1 [38760..39191], rpoC1 [39718..41376], atpF [48337..48481], atpF [49247..49656], trnG-GCC [complement(51611..51659)], trnG-GCC [complement(52431..52452)], petB [55880..55885], petB [56676..57317], petD [57527..57534], petD [58238..58766], rpl16 [complement(62039..62434)], rpl16 [complement(63302..63310)], rpl2 [complement(64834..65264)], rpl2 [complement(65942..66341)], trnL-UAA [complement(69348..69386)], trnL-UAA [complement(69869..69920)], ycf3 [72381..72506], ycf3 [73219..73449], ycf3 [74161..74316], trnI-GAU [87282..87323], trnI-GAU [88292..88326], trnA-UGC [88399..88436], trnA-UGC [89221..89255]	-
2813.	PIGR	44	trnK-UUU [complement(1585..1619)], trnK-UUU [complement(4129..4165)], trnG-GCC [8933..8955], trnG-GCC [9749..9802], atpF [complement(11779..12188)], atpF [complement(12944..13088)], rpoC1 [complement(20045..21703)], rpoC1 [complement(22385..22816)], rps12 [30709..30822], rps12 [110502..110733], rps12 [111274..111299], trnV-UAC [47383..47421], trnV-UAC [47966..47999], petB [54735..54740], petB [55546..56187], petD [56395..56402], petD [57101..57767], rpl16 [complement(60969..61364)], rpl16 [complement(62200..62208)], rpl2	trnK-UUU [complement(1620..4128)], trnG-GCC [8956..9748], atpF [complement(12189..12943)], rpoC1 [complement(21704..22384)], trnV-UAC [47422..47965], petB [54741..55545], petD [56403..57100], rpl16 [complement(61365..62199)], rpl2 [complement(64157..64827)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(63726..64156)], rpl2 [complement(64828..65227)], trnL-UAA [complement(68110..68159)], trnL-UAA [complement(68644..68678)], ycf3 [71247..71370], ycf3 [72098..72327], ycf3 [73037..73192], trnI-GAU [86187..86223], trnI-GAU [87205..87239], trnA-UGC [87328..87365], trnA-UGC [88136..88170]	[complement(68160..68643)], ycf3 [71371..72097], ycf3 [72328..73036], trnI-GAU [86224..87204], trnA-UGC [87366..88135]
2814.	PIJA	44	trnK-UUU [complement(1586..1620)], trnK-UUU [complement(4130..4166)], trnG-GCC [8934..8956], trnG-GCC [9750..9803], atpF [complement(11831..12240)], atpF [complement(12996..13140)], rpoC1 [complement(20095..21753)], rpoC1 [complement(22435..22866)], rps12 [30749..30862], rps12 [110679..110910], rps12 [111450..111475], trnV-UAC [47409..47447], trnV-UAC [47992..48025], petB [54751..54756], petB [55562..56203], petD [56411..56418], petD [57117..57783], rpl16 [complement(60985..61380)], rpl16 [complement(62216..62224)], rpl2 [complement(63743..64173)], rpl2 [complement(64845..65244)], trnL-UAA [complement(68118..68167)], trnL-UAA [complement(68652..68686)], ycf3 [71264..71387], ycf3 [72115..72344], ycf3 [73054..73209], trnI-GAU [86219..86255], trnI-GAU [87237..87271], trnA-UGC [87361..87398], trnA-UGC [88169..88203]	trnK-UUU [complement(1621..4129)], trnG-GCC [8957..9749], atpF [complement(12241..12995)], rpoC1 [complement(21754..22434)], trnV-UAC [47448..47991], petB [54757..55561], petD [56419..57116], rpl16 [complement(61381..62215)], rpl2 [complement(64174..64844)], trnL-UAA [complement(68168..68651)], ycf3 [71388..72114], ycf3 [72345..73053], trnI-GAU [86256..87236], trnA-UGC [87399..88168]
2815.	PIKA	73	rps12 [complement(102974..103004)], rps12 [complement(103542..103768)], rps12 [complement(74066..74179)], trnK-UUU [complement(1659..1693)], trnK-UUU [complement(4245..4281)], rps16 [complement(5284..5537)], rps16 [complement(6363..6402)], trnG-UCC [9673..9696], trnG-UCC [10451..10497], atpF [complement(12433..12842)], atpF [complement(13594..13738)], rpoC1 [complement(21965..23584)], rpoC1 [complement(24356..24787)], ycf3 [complement(44804..44956)], ycf3 [complement(45687..45916)], ycf3 [complement(46731..46854)], trnL-UAA [49926..49960], trnL-UAA [50450..50499], trnV-UAC [complement(54887..54920)], trnV-UAC [complement(55519..55557)], rps12 [complement(74066..74179)], rps12 [146818..147045], rps12 [147579..147608], clpP [complement(74341..74585)], clpP [complement(75224..75516)], clpP [complement(76396..76466)], petB [80058..80063], petB [80285..80926], petD [81471..81476], petD	trnK-UUU [complement(1694..4244)], rps16 [complement(5538..6362)], trnG-UCC [9697..10450], atpF [complement(12843..13593)], rpoC1 [complement(23585..24355)], ycf3 [complement(44957..45686)], ycf3 [complement(45917..46730)], trnL-UAA [49961..50449], trnV-UAC [complement(54921..55518)], clpP [complement(74586..75223)], clpP [complement(75517..76395)], petB [80064..80284], petD [81477..81880], rpl16 [complement(86335..87439)], rpl2 [complement(89660..90324)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81881..82378], rpl16 [complement(85936..86334)], rpl16 [complement(87440..87448)], rpl2 [complement(89229..89659)], rpl2 [complement(90325..90709)], ndhB [complement(99898..100653)], ndhB [complement(101354..102130)], trnI-GAU [107883..107919], trnI-GAU [108867..108901], trnA-UGC [108966..109003], trnA-UGC [109806..109840], ndhA [122134..122685], ndhA [123800..124339], trnA-UGC [complement(140745..140779)], trnA-UGC [complement(141583..141620)], trnI-GAU [complement(141685..141719)], trnI-GAU [complement(142667..142703)], ndhB [148456..149232], ndhB [149933..150688], rpl2 [159877..160261], rpl2 [160927..161357]	[complement(100654..101353)], trnI-GAU [107920..108866], trnA-UGC [109004..109805], ndhA [122686..123799], trnA-UGC [complement(140780..141582)], trnI-GAU [complement(141720..142666)], ndhB [149233..149932], rpl2 [160262..160926]
2816.	PIKO	38	psbA [complement(117105..117190)], psbA [complement(1..976)], trnK-UUU [complement(1341..1375)], trnK-UUU [complement(3876..3910)], trnG-UCC [8751..8773], trnG-UCC [9435..9481], atpF [complement(11453..11862)], atpF [complement(12618..12762)], rpoC1 [complement(19704..21362)], rpoC1 [complement(22049..22480)], rps12 [30562..30657], rps12 [106653..106884], rps12 [107427..107452], trnV-UAC [47197..47235], trnV-UAC [47778..47812], petB [53582..53587], petB [54375..55016], petD [55231..55238], petD [55932..56493], rpl16 [complement(59826..60221)], rpl16 [complement(61067..61075)], rpl2 [complement(62601..63031)], rpl2 [complement(63707..64106)], trnL-UAA [66836..66885], trnL-UAA [67374..67408], ycf3 [69784..69907], ycf3 [70627..70856], ycf3 [71567..71722], trnI-GAU [84619..84655], trnI-GAU [85646..85680], trnA-UGC [85759..85797], trnA-UGC [86568..86602]	psbA [complement(117191..0)], trnK-UUU [complement(1376..3875)], rpl16 [complement(60222..61066)], rpl2 [complement(63032..63706)], ycf3 [69908..70626], ycf3 [70857..71566]
2817.	PIKR	18	atpF [complement(11532..11941)], atpF [complement(12698..12842)], rpoC1 [complement(19685..21343)], rpoC1 [complement(22024..22455)], rps12 [30302..30415], rps12 [106586..106817], rps12 [107360..107385], petB [54215..54220], petB [55003..55644], petD [55859..55866], petD [56560..57094], rpl16 [complement(60424..60819)], rpl16 [complement(61665..61673)], rpl2 [complement(63199..63629)], rpl2 [complement(64303..64702)], ycf3 [70442..70565], ycf3 [71285..71514], ycf3 [72224..72379]	-
2818.	PILA	18	atpF [complement(11539..11948)], atpF [complement(12704..12848)], rpoC1	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(19793..21451)], rpoC1 [complement(22134..22565)], rps12 [30643..30756], rps12 [106783..107014], rps12 [107557..107582], petB [53729..53734], petB [54522..55163], petD [55378..55385], petD [56079..56613], rpl16 [complement(59948..60343)], rpl16 [complement(61190..61198)], rpl2 [complement(62734..63164)], rpl2 [complement(63838..64237)], ycf3 [69927..70050], ycf3 [70770..70999], ycf3 [71711..71866]	
2819.	PILE	73	rps12 [complement(103118..103148)], rps12 [complement(103686..103822)], rps12 [complement(74214..74327)], trnK-UUU [complement(1760..1794)], trnK-UUU [complement(4343..4379)], rps16 [complement(5411..5664)], rps16 [complement(6488..6527)], trnG-UCC [9795..9818], trnG-UCC [10570..10616], atpF [complement(12552..12961)], atpF [complement(13714..13858)], rpoC1 [complement(22088..23707)], rpoC1 [complement(24479..24910)], ycf3 [complement(44967..45119)], ycf3 [complement(45846..46075)], ycf3 [complement(46899..47022)], trnL-UAA [50089..50123], trnL-UAA [50613..50662], trnV-UAC [complement(55037..55070)], trnV-UAC [complement(55670..55708)], rps12 [complement(74214..74327)], rps12 [147034..147261], rps12 [147795..147824], clpP [complement(74489..74733)], clpP [complement(75373..75665)], clpP [complement(76548..76618)], petB [80186..80191], petB [80413..81054], petD [81599..81604], petD [82013..82510], rpl16 [complement(86086..86484)], rpl16 [complement(87590..87598)], rpl2 [complement(89373..89803)], rpl2 [complement(90469..90853)], ndhB [complement(100042..100797)], ndhB [complement(101498..102274)], trnI-GAU [108037..108073], trnI-GAU [109021..109055], trnA-UGC [109120..109157], trnA-UGC [109980..110014], ndhA [122310..122861], ndhA [123991..124530], trnA-UGC [complement(140931..140965)], trnA-UGC [complement(141789..141826)], trnI-GAU [complement(141891..141925)], trnI-GAU [complement(142873..142909)], ndhB [148672..149448], ndhB [150149..150904], rpl2 [160093..160477], rpl2 [161143..161573]	trnK-UUU [complement(1795..4342)], rps16 [complement(5665..6487)], trnG-UCC [9819..10569], atpF [complement(12962..13713)], rpoC1 [complement(23708..24478)], ycf3 [complement(45120..45845)], ycf3 [complement(46076..46898)], trnL-UAA [50124..50612], trnV-UAC [complement(55071..55669)], clpP [complement(74734..75372)], clpP [complement(75666..76547)], petB [80192..80412], petD [81605..82012], rpl16 [complement(86485..87589)], rpl2 [complement(89804..90468)], ndhB [complement(100798..101497)], trnI-GAU [108074..109020], trnA-UGC [109158..109979], ndhA [122862..123990], trnA-UGC [complement(140966..141788)], trnI-GAU [complement(141926..142872)], ndhB [149449..150148], rpl2 [160478..161142]
2820.	PIMA	46	trnK [complement(1591..1625)], trnK [complement(4127..4163)], trnG	trnK [complement(1626..4126)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[8899..8921], trnG [9664..9711], atpF [complement(11717..12126)], atpF [complement(12882..13026)], rpoC1 [complement(20019..21677)], rpoC1 [complement(22353..22784)], rps12 [30378..30491], rps12 [109697..109987], psaI [complement(40737..40874)], psaI [complement(40887..40895)], trnV [47382..47418], trnV [47962..47998], petB [54745..54749], petB [55553..56195], petD [56404..56410], petD [57110..57645], rpl16 [complement(60991..61386)], rpl16 [complement(62218..62226)], rpl2 [complement(63746..64176)], rpl2 [complement(64848..65247)], trnL [68123..68172], trnL [68657..68691], ycf3 [71290..71414], ycf3 [72139..72367], ycf3 [73068..73223], trnI [86217..86253], trnI [87235..87269], trnA [87367..87403], trnA [88178..88213]	[8922..9663], atpF [complement(12127..12881)], rpoC1 [complement(21678..22352)], psaI [complement(40875..40886)], trnV [47419..47961], petB [54750..55552], petD [56411..57109], rpl16 [complement(61387..62217)], rpl2 [complement(64177..64847)], trnL [68173..68656], ycf3 [71415..72138], ycf3 [72368..73067], trnI [86254..87234], trnA [87404..88177]
2821.	PIMI	39	trnK-UUU [complement(1455..1489)], trnK-UUU [complement(3990..4024)], trnG-UCC [8868..8890], trnG-UCC [9552..9598], atpF [complement(11569..11978)], atpF [complement(12734..12893)], rpoC1 [complement(19815..21473)], rpoC1 [complement(22158..22589)], rps12 [30636..30731], rps12 [106177..106408], rps12 [106951..106976], trnV-UAC [47257..47295], trnV-UAC [47838..47872], petB [53102..53107], petB [53895..54536], petD [54751..54758], petD [55452..55986], rpl16 [complement(59317..59712)], rpl16 [complement(60558..60566)], rpl2 [complement(62092..62522)], rpl2 [complement(63196..63595)], trnL-UAA [66325..66374], trnL-UAA [66864..66898], trnI-GAU [84117..84153], trnI-GAU [85144..85178], trnA-UGC [85257..85295], trnA-UGC [86070..86104]	trnK-UUU [complement(1490..3989)], trnG-UCC [8891..9551], atpF [complement(11979..12733)], rpoC1 [complement(21474..22157)], trnV-UAC [47296..47837], petB [53108..53894], petD [54759..55451], rpl16 [complement(59713..60557)], rpl2 [complement(62523..63195)], trnL-UAA [66375..66863], trnI-GAU [84154..85143], trnA-UGC [85296..86069]
2822.	PIMO	18	atpF [complement(11463..11872)], atpF [complement(12654..12798)], rpoC1 [complement(19553..21211)], rpoC1 [complement(21894..22325)], rps12 [29991..30104], rps12 [106200..106431], rps12 [106983..107008], petB [53906..53911], petB [54707..55348], petD [55563..55570], petD [56293..56833], rpl16 [complement(60153..60548)], rpl16 [complement(61395..61403)], rpl2 [complement(62921..63351)], rpl2 [complement(64023..64422)], ycf3 [70367..70490], ycf3 [71211..71440], ycf3 [72155..72310]	-
2823.	PIMR	44	rps12 [72951..73064], rps12 [complement(11611..11842)], rps12 [complement(11039..11064)], trnA [complement(35174..35208)], trnA	trnA [complement(35209..35992)], trnI [complement(36138..37125)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(35993..36030)], trnI [complement(36103..36137)], trnI [complement(37126..37162)], ycf3 [complement(50124..50279)], ycf3 [complement(50991..51220)], ycf3 [complement(51939..52062)], trnL [54505..54539], trnL [55028..55077], rpl2 [58087..58486], rpl2 [59164..59594], rpl16 [61119..61127], rpl16 [61998..62393], petD [complement(65665..66193)], petD [complement(66897..66904)], petB [complement(67114..67755)], petB [complement(68546..68551)], trnV [90276..90314], trnV [90858..90894], rpoC1 [102609..103040], rpoC1 [103722..105380], atpF [112341..112485], atpF [113261..113670], trnG [complement(115625..115672)], trnG [complement(116453..116475)], trnK [121116..121150], trnK [123663..123697]	[complement(50280..50990)], ycf3 [complement(51221..51938)], trnL [54540..55027], rpl2 [58487..59163], rpl16 [61128..61997], petD [complement(66194..66896)], petB [complement(67756..68545)], trnV [90315..90857], rpoC1 [103041..103721], atpF [112486..113260], trnG [complement(115673..116452)], trnK [121151..123662]
2824.	PINE	18	atpF [complement(11233..11642)], atpF [complement(12401..12545)], rpoC1 [complement(19515..21173)], rpoC1 [complement(21847..22278)], rps12 [30098..30211], rps12 [106242..106473], rps12 [107020..107045], petB [54109..54114], petB [54905..55546], petD [55766..55773], petD [56472..57009], rpl16 [complement(60334..60729)], rpl16 [complement(61576..61584)], rpl2 [complement(63097..63527)], rpl2 [complement(64203..64605)], ycf3 [70534..70657], ycf3 [71385..71614], ycf3 [72329..72484]	-
2825.	PINI	70	rps12 [complement(102994..103019)], rps12 [complement(103556..103787)], rps12 [complement(74088..74201)], trnK-UUU [complement(1660..1694)], trnK-UUU [complement(4247..4283)], rps16 [complement(5286..5539)], rps16 [complement(6365..6404)], atpF [complement(12435..12844)], atpF [complement(13596..13740)], rpoC1 [complement(21968..23587)], rpoC1 [complement(24359..24790)], ycf3 [complement(44810..44962)], ycf3 [complement(45693..45922)], ycf3 [complement(46737..46860)], trnL-UAA [49933..49967], trnL-UAA [50457..50506], trnV-UAC [complement(54895..54928)], trnV-UAC [complement(55527..55565)], rps12 [complement(74088..74201)], rps12 [146853..147084], rps12 [147621..147646], clpP [complement(74363..74607)], clpP [complement(75246..75538)], clpP [complement(76418..76488)], petB [80075..80080], petB [80302..80943], petD [81488..81493], petD	trnK-UUU [complement(1695..4246)], rps16 [complement(5540..6364)], atpF [complement(12845..13595)], rpoC1 [complement(23588..24358)], ycf3 [complement(44963..45692)], ycf3 [complement(45923..46736)], trnL-UAA [49968..50456], trnV-UAC [complement(54929..55526)], clpP [complement(74608..75245)], clpP [complement(75539..76417)], petB [80081..80301], petD [81494..81897], rpl16 [complement(86351..87455)], rpl2 [complement(89676..90340)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81898..82395], rpl16 [complement(85952..86350)], rpl16 [complement(87456..87464)], rpl2 [complement(89245..89675)], rpl2 [complement(90341..90731)], ndhB [complement(99914..100669)], ndhB [complement(101370..102146)], trnI-GAU [107899..107935], trnI-GAU [108883..108917], trnA-UGC [108982..109019], trnA-UGC [109822..109856], ndhA [122150..122701], ndhA [123816..124355], trnA-UGC [140783..140817], trnA-UGC [141621..141658], trnI-GAU [complement(141723..141757)], trnI-GAU [complement(142705..142741)], ndhB [148494..149270], ndhB [149971..150726], rpl2 [159909..160299], rpl2 [160965..161395]	[complement(100670..101369)], trnI-GAU [107936..108882], trnA-UGC [109020..109821], ndhA [122702..123815], trnA-UGC [140818..141620], trnI-GAU [complement(141758..142704)], ndhB [149271..149970], rpl2 [160300..160964]
2826.	PINO	26	rps12 [10470..10583], rps12 [114093..114324], rps12 [114872..114900], trnV-UAC [27813..27851], trnV-UAC [28395..28431], rpoC1 [40127..40558], rpoC1 [41243..42901], atpF [49862..50020], atpF [50781..51191], rpl2 [complement(66316..66747)], rpl2 [complement(67422..67823)], trnL-UAA [complement(70831..70880)], trnL-UAA [complement(71369..71403)], ycf3 [73846..73974], ycf3 [74696..74923], ycf3 [75645..75800], trnI-GAU [88981..89022], trnI-GAU [90006..90040]	trnV-UAC [27852..28394], rpoC1 [40559..41242], atpF [50021..50780], rpl2 [complement(66748..67421)], trnL-UAA [complement(70881..71368)], ycf3 [73975..74695], ycf3 [74924..75644], trnI-GAU [89023..90005]
2827.	PIOO	44	trnK-UUU [complement(1585..1619)], trnK-UUU [complement(4129..4165)], trnG-GCC [8929..8951], trnG-GCC [9744..9797], atpF [complement(11772..12181)], atpF [complement(12937..13081)], rpoC1 [complement(20036..21694)], rpoC1 [complement(22376..22807)], rps12 [30689..30802], rps12 [110566..110797], rps12 [111337..111362], trnV-UAC [47349..47387], trnV-UAC [47932..47965], petB [54684..54689], petB [55495..56136], petD [56344..56351], petD [57050..57716], rpl16 [complement(60918..61313)], rpl16 [complement(62149..62157)], rpl2 [complement(63675..64105)], rpl2 [complement(64777..65176)], trnL-UAA [complement(68054..68103)], trnL-UAA [complement(68588..68622)], ycf3 [71180..71303], ycf3 [72031..72260], ycf3 [72970..73125], trnI-GAU [86135..86171], trnI-GAU [87153..87187], trnA-UGC [87277..87314], trnA-UGC [88085..88119]	trnK-UUU [complement(1620..4128)], trnG-GCC [8952..9743], atpF [complement(12182..12936)], rpoC1 [complement(21695..22375)], trnV-UAC [47388..47931], petB [54690..55494], petD [56352..57049], rpl16 [complement(61314..62148)], rpl2 [complement(64106..64776)], trnL-UAA [complement(68104..68587)], ycf3 [71304..72030], ycf3 [72261..72969], trnI-GAU [86172..87152], trnA-UGC [87315..88084]
2828.	PIPA	39	trnK-UUU [complement(1654..1688)], trnK-UUU [complement(4184..4218)], trnG-UCC [9115..9137], trnG-UCC [9805..9851], atpF	trnK-UUU [complement(1689..4183)], trnG-UCC [9138..9804], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(11860..12269)], atpF [complement(13025..13169)], rpoC1 [complement(20194..21852)], rpoC1 [complement(22536..22967)], rps12 [30683..30778], rps12 [110455..110686], rps12 [111229..111254], trnV-UAC [47845..47883], trnV-UAC [48426..48460], petB [55379..55384], petB [56172..56813], petD [57028..57035], petD [57729..58263], rpl16 [complement(61596..61991)], rpl16 [complement(62837..62845)], rpl2 [complement(64373..64803)], rpl2 [complement(65477..65876)], trnL-UAA [68801..68850], trnL-UAA [69340..69374], trnI-GAU [86880..86916], trnI-GAU [87907..87941], trnA-UGC [88020..88058], trnA-UGC [88833..88867]	[complement(12270..13024)], rpoC1 [complement(21853..22535)], trnV-UAC [47884..48425], petB [55385..56171], petD [57036..57728], rpl16 [complement(61992..62836)], rpl2 [complement(64804..65476)], trnL-UAA [68851..69339], trnI-GAU [86917..87906], trnA-UGC [88059..88832]
2829.	PIPI	17	atpF [complement(11330..11739)], atpF [complement(12501..12645)], rpoC1 [complement(19397..21055)], rpoC1 [complement(21738..22169)], rps12 [29694..29807], rps12 [105065..105296], rps12 [105846..105871], rpl2 [complement(62525..62955)], rpl2 [complement(63627..64026)], ycf3 [69993..70116], ycf3 [70828..71057], ycf3 [71767..71922]	atpF [complement(11740..12500)], rpoC1 [complement(21056..21737)], rpl2 [complement(62956..63626)], ycf3 [70117..70827], ycf3 [71058..71766]
2830.	PIPNI	47	psbA [complement(119886..119971)], psbA [complement(1..976)], trnK-UUU [complement(1505..1539)], trnK-UUU [complement(4050..4086)], trnG-GCC [8816..8838], trnG-GCC [9626..9679], atpF [complement(11628..12037)], atpF [complement(12793..12937)], rpoC1 [complement(19900..21558)], rpoC1 [complement(22235..22666)], rps12 [30310..30423], rps12 [109901..110132], rps12 [110667..110692], trnV-UAC [47221..47259], trnV-UAC [47804..47837], petB [54499..54504], petB [55290..55931], petD [56140..56147], petD [56840..57335], rpl16 [complement(60713..61108)], rpl16 [complement(61935..61943)], rpl2 [complement(63462..63892)], rpl2 [complement(64564..64963)], trnL-UAA [67806..67855], trnL-UAA [68340..68374], ycf3 [70914..71037], ycf3 [71758..71987], ycf3 [72683..72838], trnI-GAU [85779..85815], trnI-GAU [86797..86831], trnA-UGC [86922..86959], trnA-UGC [87727..87761]	psbA [complement(119972..0)], trnK-UUU [complement(1540..4049)], trnG-GCC [8839..9625], atpF [complement(12038..12792)], rpoC1 [complement(21559..22234)], trnV-UAC [47260..47803], petB [54505..55289], petD [56148..56839], rpl16 [complement(61109..61934)], rpl2 [complement(63893..64563)], trnL-UAA [67856..68339], ycf3 [71038..71757], ycf3 [71988..72682], trnI-GAU [85816..86796], trnA-UGC [86960..87726]
2831.	PIPU	39	trnK-UUU [complement(1430..1464)], trnK-UUU [complement(3965..3999)], trnG-UCC [8853..8875], trnG-UCC [9537..9583], atpF [complement(11554..11963)], atpF [complement(12719..12863)], rpoC1 [complement(19808..21466)], rpoC1 [complement(22149..22580)], rps12 [30655..30750], rps12 [106948..107179], rps12 [107722..107747], trnV-UAC	trnK-UUU [complement(1465..3964)], trnG-UCC [8876..9536], atpF [complement(11964..12718)], rpoC1 [complement(21467..22148)], trnV-UAC [47338..47879], petB [53797..54583], petD

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47299..47337], trnV-UAC [47880..47914], petB [53791..53796], petB [54584..55225], petD [55440..55447], petD [56141..56675], rpl16 [complement(60001..60396)], rpl16 [complement(61242..61250)], rpl2 [complement(62773..63203)], rpl2 [complement(63877..64276)], trnL-UAA [67009..67058], trnL-UAA [67548..67582], trnI-GAU [84793..84829], trnI-GAU [85820..85854], trnA-UGC [85933..85971], trnA-UGC [86746..86780]	[55448..56140], rpl16 [complement(60397..61241)], rpl2 [complement(63204..63876)], trnL-UAA [67059..67547], trnI-GAU [84830..85819], trnA-UGC [85972..86745]
2832.	PISA	17	-	trnK-UUU [complement(1691..4135)], trnV-UAC [9139..9713], trnL-UAA [complement(12717..13148)], ycf3 [16273..16970], ycf3 [17201..17921], trnA-UGC [complement(46101..46900)], trnI-GAU [complement(47039..47721)], ndhB [53149..53847], ndhA [62676..63897], trnG-UCC [75139..75804], atpF [complement(78329..79016)], rpoC1 [complement(88375..89143)], clpP [95885..96416], petB [104362..105176], petD [106022..106748], rpl16 [complement(111712..112819)], rpl2 [complement(115051..115752)]
2833.	PISB	21	atpF [complement(11541..11950)], atpF [complement(12703..12850)], rpoC1 [complement(19797..21455)], rpoC1 [complement(22138..22572)], rps12 [30652..30789], rps12 [106176..106466], rpl2 [complement(62073..62502)], rpl2 [complement(63173..63576)], ycf3 [69257..69382], ycf3 [70102..70329], ycf3 [71039..71194], ycf1 [93415..94249], ycf1 [94310..98560], ycf1 [98783..99258]	atpF [complement(11951..12702)], rpoC1 [complement(21456..22137)], rpl2 [complement(62503..63172)], ycf3 [69383..70101], ycf3 [70330..71038], ycf1 [94250..94309], ycf1 [98561..98782]
2834.	PISI	19	atpF [complement(11683..12092)], atpF [complement(12864..13008)], rpoC1 [complement(19961..21619)], rpoC1 [complement(22313..22744)], rps12 [30935..31048], rps12 [110839..111070], rps12 [111613..111638], petB [55094..55099], petB [55890..56531], petD [56741..56748], petD [57452..57986], rpl16 [complement(61265..61660)], rpl16 [complement(62532..62540)], rpl2 [complement(64065..64495)], rpl2	rpl16 [complement(61661..62531)], trnI-GAU [86630..87617]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(65173..65572)], trnI-GAU [86593..86629], trnI-GAU [87618..87652]	
2835.	PISO	61	rps12 [complement(89638..89665)], rps12 [complement(90206..90426)], rps12 [complement(67596..67709)], trnK [complement(1389..1413)], trnK [complement(3821..3850)], rps16 [complement(4515..4732)], rps16 [complement(5553..5592)], trnG [complement(12772..12819)], trnG [complement(13491..13514)], atpF [32846..32990], atpF [33815..34221], ycf3 [complement(41997..42155)], ycf3 [complement(42863..43092)], ycf3 [complement(43837..43960)], trnL [46715..46749], trnL [47276..47325], trnV [complement(50858..50892)], trnV [complement(51491..51529)], rps12 [127252..127483], rps12 [128024..128052], petD [73093..73100], petD [73851..74325], rpl16 [complement(77928..78329)], rpl16 [complement(79371..79379)], rpl2 [complement(81373..81803)], rpl2 [complement(82467..82857)], ndhB [complement(86571..87326)], ndhB [complement(88039..88815)], trnI [94275..94311], trnI [95117..95151], trnA [95217..95254], trnA [96066..96100], ndhA [complement(112133..112671)], ndhA [complement(113708..114257)], trnA [complement(121590..121624)], trnA [complement(122436..122473)], trnI [complement(122539..122573)], trnI [complement(123379..123415)], ndhB [128875..129651], ndhB [130364..131119], rpl2 [134833..135223], rpl2 [135887..136317]	trnK [complement(1414..3820)], rps16 [complement(4733..5552)], trnG [complement(12820..13490)], atpF [32991..33814], ycf3 [complement(42156..42862)], ycf3 [complement(43093..43836)], trnL [46750..47275], trnV [complement(50893..51490)], petD [73101..73850], rpl16 [complement(78330..79370)], rpl2 [complement(81804..82466)], ndhB [complement(87327..88038)], trnI [94312..95116], trnA [95255..96065], ndhA [complement(112672..113707)], trnA [complement(121625..122435)], trnI [complement(122574..123378)], ndhB [129652..130363], rpl2 [135224..135886]
2836.	PISQ	39	trnK-UUU [complement(1441..1475)], trnK-UUU [complement(3976..4010)], trnG-UCC [8852..8874], trnG-UCC [9536..9582], atpF [complement(11553..11962)], atpF [complement(12718..12862)], rpoC1 [complement(19801..21459)], rpoC1 [complement(22143..22574)], rps12 [30656..30751], rps12 [106849..107080], rps12 [107623..107648], trnV-UAC [47252..47290], trnV-UAC [47833..47867], petB [53712..53717], petB [54505..55146], petD [55361..55368], petD [56119..56605], rpl16 [complement(59929..60324)], rpl16 [complement(61170..61178)], rpl2 [complement(62710..63140)], rpl2 [complement(63814..64213)], trnL-UAA [66944..66993], trnL-UAA [67483..67517], trnI-GAU [84741..84777], trnI-GAU [85774..85808], trnA-UGC [85887..85925], trnA-UGC [86700..86734]	trnK-UUU [complement(1476..3975)], trnG-UCC [8875..9535], atpF [complement(11963..12717)], rpoC1 [complement(21460..22142)], trnV-UAC [47291..47832], petB [53718..54504], petD [55369..56118], rpl16 [complement(60325..61169)], rpl2 [complement(63141..63813)], trnL-UAA [66994..67482], trnI-GAU [84778..85773], trnA-UGC [85926..86699]
2837.	PIST	37	trnK-UUU [complement(1422..1456)], trnK-UUU [complement(3960..3996)],	trnK-UUU [complement(1457..3959)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [8734..8756], trnG-UCC [9518..9565], atpF [complement(11542..11952)], rpoC1 [complement(19781..21439)], rpoC1 [complement(22121..22552)], rps12 [30376..30489], rps12 [105118..105349], rps12 [105892..105917], trnV-UAC [46826..46864], trnV-UAC [47405..47441], petB [51915..51920], petB [52702..53349], rpl16 [complement(58135..58533)], rpl16 [complement(59376..59384)], rpl2 [complement(60911..61342)], trnL-UAA [complement(65142..65191)], trnL-UAA [complement(65681..65715)], ycf3 [70009..70164], trnI-GAU [83027..83068], trnI-GAU [84054..84088], trnA-UGC [84168..84205], trnA-UGC [84985..85019]	UCC [8757..9517], atpF [complement(11953..12692)], rpoC1 [complement(21440..22120)], trnV-UAC [46865..47404], petB [51921..52701], rpl16 [complement(58534..59375)], rpl2 [complement(61343..62012)], trnL-UAA [complement(65192..65680)], ycf3 [68353..69068], ycf3 [69297..70008], trnI-GAU [83069..84053], trnA-UGC [84206..84984]
2838.	PISY	26	trnK-UUU [complement(1587..1621)], trnK-UUU [complement(4123..4159)], trnG-GCC [8826..8848], trnG-GCC [9592..9639], trnV-UAC [47458..47496], trnV-UAC [48040..48074], trnL-UAA [complement(68131..68180)], trnL-UAA [complement(68660..68694)], trnI-GAU [86169..86205], trnI-GAU [87188..87222], trnA-UGC [87315..87352], trnA-UGC [88127..88161]	trnK-UUU [complement(1622..4122)], trnG-GCC [8849..9591], atpF [complement(12060..12811)], rpoC1 [complement(21612..22285)], trnV-UAC [47497..48039], petB [54759..55561], petD [56419..57117], rpl16 [complement(61394..62224)], rpl2 [complement(64183..64849)], trnL-UAA [complement(68181..68659)], ycf3 [71367..72089], ycf3 [72320..73019], trnI-GAU [86206..87187], trnA-UGC [87353..88126]
2839.	PITA	44	trnK-UUU [complement(1588..1622)], trnK-UUU [complement(4930..4966)], trnG-GCC [9722..9744], trnG-GCC [10540..10593], atpF [complement(12549..12958)], atpF [complement(13714..13858)], rpoC1 [complement(20813..22471)], rpoC1 [complement(23154..23585)], rps12 [31471..31584], rps12 [111505..111736], rps12 [112277..112302], trnV-UAC [48135..48173], trnV-UAC [48718..48751], petB [55471..55476], petB [56282..56923], petD [57131..57138], petD [57837..58503], rpl16 [complement(61705..62100)], rpl16 [complement(62936..62944)], rpl2 [complement(64462..64892)], rpl2 [complement(65564..65963)], trnL-UAA [68843..68892], trnL-UAA [69381..69415], ycf3 [72014..72137], ycf3	trnK-UUU [complement(1623..4929)], trnG-GCC [9745..10539], atpF [complement(12959..13713)], rpoC1 [complement(22472..23153)], trnV-UAC [48174..48717], petB [55477..56281], petD [57139..57836], rpl16 [complement(62101..62935)], rpl2 [complement(64893..65563)], trnL-UAA [68893..69380], ycf3 [72138..72863], ycf3 [73094..73802], trnI-GAU [86999..87977],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72864..73093], ycf3 [73803..73958], trnI-GAU [86962..86998], trnI-GAU [87978..88012], trnA-UGC [88099..88136], trnA-UGC [88907..88941]	trnA-UGC [88137..88906]
2840.	PITB	24	trnG-UCC [8934..8956], trnG-UCC [9697..9744], atpF [complement(11749..12158)], atpF [complement(12914..13058)], rpoC1 [complement(20033..21691)], rpoC1 [complement(22366..22797)], rps12 [30392..30505], rps12 [109709..109940], rps12 [110482..110507], petB [54812..54817], petB [55619..56260], petD [56468..56475], petD [57175..57709], rpl16 [complement(61055..61450)], rpl16 [complement(62278..62286)], rpl2 [complement(63806..64236)], rpl2 [complement(64908..65307)], ycf3 [71302..71425], ycf3 [72154..72383], ycf3 [73079..73234]	trnG-UCC [8957..9696], rpl2 [complement(64237..64907)], ycf3 [71426..72153], ycf3 [72384..73078]
2841.	PITC	44	trnK-UUU [complement(1581..1615)], trnK-UUU [complement(4125..4161)], trnG-GCC [8929..8951], trnG-GCC [9744..9797], atpF [complement(11792..12201)], atpF [complement(12957..13101)], rpoC1 [complement(20056..21714)], rpoC1 [complement(22396..22827)], rps12 [30712..30825], rps12 [110381..110612], rps12 [111152..111177], trnV-UAC [47372..47410], trnV-UAC [47955..47988], petB [54715..54720], petB [55526..56167], petD [56375..56382], petD [57081..57747], rpl16 [complement(60949..61344)], rpl16 [complement(62180..62188)], rpl2 [complement(63706..64136)], rpl2 [complement(64808..65207)], trnL-UAA [68085..68134], trnL-UAA [68619..68653], ycf3 [71211..71334], ycf3 [72063..72292], ycf3 [73002..73157], trnI-GAU [86162..86198], trnI-GAU [87180..87214], trnA-UGC [87304..87341], trnA-UGC [88112..88146]	trnK-UUU [complement(1616..4124)], trnG-GCC [8952..9743], atpF [complement(12202..12956)], rpoC1 [complement(21715..22395)], trnV-UAC [47411..47954], petB [54721..55525], petD [56383..57080], rpl16 [complement(61345..62179)], rpl2 [complement(64137..64807)], trnL-UAA [68135..68618], ycf3 [71335..72062], ycf3 [72293..73001], trnI-GAU [86199..87179], trnA-UGC [87342..88111]
2842.	PITE	79	rps12 [complement(103881..103906)], rps12 [complement(104439..104670)], rps12 [complement(74971..75096)], trnK-UUU [complement(2043..2084)], trnK-UUU [complement(4625..4661)], rps16 [complement(5419..5615)], rps16 [complement(6624..6663)], trnG-UCC [10996..11019], trnG-UCC [11754..11801], atpF [complement(13747..14147)], atpF [complement(14994..15138)], rpoC1 [complement(22992..24611)], rpoC1 [complement(25369..25821)], ycf3 [complement(45443..45595)], ycf3 [complement(46387..46616)], ycf3 [complement(47366..47489)], trnL-UAA [51055..51091], trnL-UAA [51605..51654], trnV-UAC	trnK-UUU [complement(2085..4624)], rps16 [complement(5616..6623)], trnG-UCC [11020..11753], atpF [complement(14148..14993)], rpoC1 [complement(24612..25368)], ycf3 [complement(45596..46386)], ycf3 [complement(46617..47365)], trnL-UAA [51092..51604], trnV-UAC [complement(55934..56528)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(55897..55933)], trnV-UAC [complement(56529..56566)], rps12 [complement(74971..75096)], rps12 [149127..149358], rps12 [149891..149916], clpP [complement(75270..75515)], clpP [complement(76154..76445)], clpP [complement(77263..77333)], petB [80999..81004], petB [81061..81702], petD [81905..81912], petD [82653..83127], rpl16 [complement(86631..87029)], rpl16 [complement(88099..88107)], rpl2 [complement(89831..90261)], rpl2 [complement(90925..91315)], ndhB [complement(100749..101504)], ndhB [complement(102187..102963)], trnI-GAU [108647..108688], trnI-GAU [109631..109665], ycf68 [108788..108829], ycf68 [108861..109163], trnA-UGC [109730..109767], trnA-UGC [110567..110601], ndhA [complement(127658..128196)], ndhA [complement(129266..129818)], trnA-UGC [complement(143196..143230)], trnA-UGC [complement(144030..144067)], trnI-GAU [complement(144132..144166)], trnI-GAU [complement(145109..145150)], ycf68 [complement(144634..144936)], ycf68 [complement(144968..145009)], ndhB [150834..151610], ndhB [152293..153048], rpl2 [162482..162872], rpl2 [163536..163966]	[complement(75516..76153)], clpP [complement(76446..77262)], petB [81005..81060], petD [81913..82652], rpl16 [complement(87030..88098)], rpl2 [complement(90262..90924)], ndhB [complement(101505..102186)], trnI-GAU [108689..109630], ycf68 [108830..108860], trnA-UGC [109768..110566], ndhA [complement(128197..129265)], trnA-UGC [complement(143231..144029)], trnI-GAU [complement(144167..145108)], ycf68 [complement(144937..144967)], ndhB [151611..152292], rpl2 [162873..163535]
2843.	PITH	3	psbA [complement(119622..119707)], psbA [complement(1..976)]	psbA [complement(119708..0)]
2844.	PITO	25	trnK-UUU [complement(1572..1606)], trnK-UUU [complement(4101..4137)], trnG-UCC [complement(8393..8440)], trnG-UCC [complement(9101..9123)], trnL-UAA [47923..47957], trnL-UAA [48273..48322], trnV-UAC [complement(51730..51766)], trnV-UAC [complement(52375..52413)], rps12 [139635..139660], trnI-GAU [102151..102187], trnI-GAU [103140..103174], trnA-UGC [103239..103276], trnA-UGC [104071..104105], trnA-UGC [complement(133224..133258)], trnA-UGC [complement(134053..134090)], trnI-GAU [complement(134155..134189)], trnI-GAU [complement(135142..135178)]	trnK-UUU [complement(1607..4100)], trnG-UCC [complement(8441..9100)], trnL-UAA [47958..48272], trnV-UAC [complement(51767..52374)], trnI-GAU [102188..103139], trnA-UGC [103277..104070], trnA-UGC [complement(133259..134052)], trnI-GAU [complement(134190..135141)]
2845.	PIVE	52	rps16 [complement(5613..5838)], rps16 [complement(6726..6766)], atpF [complement(13215..13653)], atpF [complement(14360..14526)], rpoC1 [complement(22318..23943)], rpoC1 [complement(24712..25146)], ycf3 [complement(45575..45727)], ycf3 [complement(46529..46756)], ycf3	rps16 [complement(5839..6725)], atpF [complement(13654..14359)], rpoC1 [complement(23944..24711)], ycf3 [complement(45728..46528)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(47487..47615)], trnL-UAA [50448..50484], trnL-UAA [50935..50984], trnV-UAC [complement(54389..54425)], trnV-UAC [complement(55012..55050)], clpP [complement(73725..73923)], clpP [complement(74595..74885)], clpP [complement(75710..75777)], rpl2 [complement(88354..88782)], rpl2 [complement(89451..89843)], ndhB [complement(99024..99638)], ndhB [complement(100446..101237)], trnI-GAU [106813..106854], trnI-GAU [107806..107840], trnA-UGC [107905..107942], trnA-UGC [108784..108818], ndhA [complement(125214..125753)], ndhA [complement(126862..127425)], trnA-UGC [complement(139936..139970)], trnA-UGC [complement(140812..140849)], trnI-GAU [complement(140914..140948)], trnI-GAU [complement(141900..141941)], ndhB [147517..148292], ndhB [148974..149730], rpl2 [158929..159321], rpl2 [159990..160418]	[complement(46757..47486)], trnL-UAA [50485..50934], trnV-UAC [complement(54426..55011)], clpP [complement(73924..74594)], clpP [complement(74886..75709)], rpl2 [complement(88783..89450)], ndhB [complement(99639..100445)], trnI-GAU [106855..107805], trnA-UGC [107943..108783], ndhA [complement(125754..126861)], trnA-UGC [complement(139971..140811)], trnI-GAU [complement(140949..141899)], ndhB [148293..148973], rpl2 [159322..159989]
2846.	PIWA	39	trnK-UUU [complement(1457..1491)], trnK-UUU [complement(3992..4026)], trnG-UCC [8974..8996], trnG-UCC [9666..9712], atpF [complement(11683..12092)], atpF [complement(12848..12992)], rpoC1 [complement(19931..21589)], rpoC1 [complement(22293..22724)], rps12 [30617..30712], rps12 [107638..107869], rps12 [108412..108437], trnV-UAC [47311..47349], trnV-UAC [47892..47926], petB [54709..54714], petB [55502..56143], petD [56358..56365], petD [57059..57602], rpl16 [complement(60926..61321)], rpl16 [complement(62167..62175)], rpl2 [complement(63702..64132)], rpl2 [complement(64806..65205)], trnL-UAA [67981..68030], trnL-UAA [68520..68554], trnI-GAU [85899..85935], trnI-GAU [86926..86960], trnA-UGC [87039..87077], trnA-UGC [87852..87886]	trnK-UUU [complement(1492..3991)], trnG-UCC [8997..9665], atpF [complement(12093..12847)], rpoC1 [complement(21590..22292)], trnV-UAC [47350..47891], petB [54715..55501], petD [56366..57058], rpl16 [complement(61322..62166)], rpl2 [complement(64133..64805)], trnL-UAA [68031..68519], trnI-GAU [85936..86925], trnA-UGC [87078..87851]
2847.	PIWE	73	rps12 [complement(102271..102296)], rps12 [complement(102836..103067)], rps12 [complement(73599..73712)], trnK-UUU [complement(1966..2000)], trnK-UUU [complement(4597..4633)], rps16 [complement(5742..5968)], rps16 [complement(6856..6895)], trnG-UCC [10556..10578], trnG-UCC [11293..11340], atpF [complement(13373..13782)], atpF [complement(14541..14685)], rpoC1 [complement(22478..24094)], rpoC1 [complement(24910..25362)], ycf3 [complement(45734..45886)], ycf3 [complement(46687..46916)], ycf3 [complement(47650..47773)], trnL-UAA	trnK-UUU [complement(2001..4596)], rps16 [complement(5969..6855)], trnG-UCC [10579..11292], atpF [complement(13783..14540)], rpoC1 [complement(24095..24909)], ycf3 [complement(45887..46686)], ycf3 [complement(46917..47649)], trnL-UAA [50659..51110], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[50624..50658], trnL-UAA [51111..51160], trnV-UAC [complement(54559..54593)], trnV-UAC [complement(55182..55220)], rps12 [complement(73599..73712)], rps12 [146103..146334], rps12 [146874..146899], clpP [complement(73865..74063)], clpP [complement(74736..75026)], clpP [complement(75851..75918)], petB [78872..78877], petB [79667..80308], petD [80517..80524], petD [81285..81759], rpl16 [complement(85309..85707)], rpl16 [complement(86806..86814)], rpl2 [complement(88543..88976)], rpl2 [complement(89642..90032)], ndhB [complement(99213..99968)], ndhB [complement(100650..101426)], trnI-GAU [107001..107037], trnI-GAU [107993..108027], trnA-UGC [108092..108129], trnA-UGC [108971..109005], ndhA [complement(125461..125999)], ndhA [complement(127120..127672)], trnA-UGC [complement(140165..140199)], trnA-UGC [complement(141041..141078)], trnI-GAU [complement(141143..141177)], trnI-GAU [complement(142133..142169)], ndhB [147744..148520], ndhB [149202..149957], rpl2 [159138..159530], rpl2 [160199..160627]	[complement(54594..55181)], clpP [complement(74064..74735)], clpP [complement(75027..75850)], petB [78878..79666], petD [80525..81284], rpl16 [complement(85708..86805)], rpl2 [complement(88977..89641)], ndhB [complement(99969..100649)], trnI-GAU [107038..107992], trnA-UGC [108130..108970], ndhA [complement(126000..127119)], trnA-UGC [complement(140200..141040)], trnI-GAU [complement(141178..142132)], ndhB [148521..149201], rpl2 [159531..160198]
2848.	PIYU	34	atpF [complement(11750..12159)], atpF [complement(12915..13059)], rpoC1 [complement(20027..21685)], rpoC1 [complement(22360..22791)], rps12 [30407..30520], rps12 [109793..110024], rps12 [110566..110591], petB [54814..54819], petB [55621..56262], petD [56470..56477], petD [57177..57711], rpl16 [complement(61057..61452)], rpl16 [complement(62280..62288)], rpl2 [complement(63808..64238)], rpl2 [complement(64910..65309)], trnL-UAA [complement(68189..68238)], trnL-UAA [complement(68727..68761)], ycf3 [71314..71437], ycf3 [72166..72395], ycf3 [73091..73246]	trnK-UUU [complement(1633..4133)], trnG-GCC [8959..9697], atpF [complement(12160..12914)], rpoC1 [complement(21686..22359)], trnV-UAC [47485..48028], petB [54820..55620], petD [56478..57176], rpl16 [complement(61453..62279)], rpl2 [complement(64239..64909)], trnL-UAA [complement(68239..68726)], ycf3 [71438..72165], ycf3 [72396..73090], trnI-GAU [86281..87266], trnA-UGC [87431..88204]
2849.	PLAL	70	trnK-UUU [complement(1687..1721)], trnK-UUU [complement(4213..4249)], rps16 [complement(5152..5378)], rps16 [complement(6236..6275)], trnG-UCC [9482..9504], trnG-UCC [10191..10238], atpF [complement(12210..12620)], atpF [complement(13315..13458)], rpoC1 [complement(21304..22923)], rpoC1	trnK-UUU [complement(1722..4212)], rps16 [complement(5379..6235)], trnG-UCC [9505..10190], atpF [complement(12621..13314)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23727..24158)], ycf3 [complement(42660..42812)], ycf3 [complement(43524..43753)], ycf3 [complement(44472..44595)], trnL-UAA [47615..47651], trnL-UAA [48148..48197], trnV-UAC [complement(52091..52127)], trnV-UAC [complement(52706..52743)], rps12 [complement(71367..71480)], rps12 [145677..145908], rps12 [146445..146479], clpP [complement(71644..71889)], clpP [complement(72527..72812)], clpP [complement(73554..73621)], petB [76487..76492], petB [77211..77852], petD [78058..78066], petD [78804..79277], rpl16 [complement(82797..83195)], rpl16 [complement(84100..84108)], rpl2 [complement(85778..86212)], rpl2 [complement(86905..87294)], ndhB [complement(95730..96485)], ndhB [complement(97157..97933)], trnI-GAU [103229..103270], trnI-GAU [104207..104241], trnA-UGC [104306..104343], trnA-UGC [105155..105189], ndhA [complement(125535..126074)], ndhA [complement(127033..127584)], trnA-UGC [complement(140013..140047)], trnA-UGC [complement(140859..140896)], trnI-GAU [complement(140961..140995)], trnI-GAU [complement(141932..141973)], ndhB [147269..148045], ndhB [148717..149472], rpl2 [157908..158297], rpl2 [158990..159424]	[complement(22924..23726)], ycf3 [complement(42813..43523)], ycf3 [complement(43754..44471)], trnL-UAA [47652..48147], trnV-UAC [complement(52128..52705)], clpP [complement(71890..72526)], clpP [complement(72813..73553)], petB [76493..77210], petD [78067..78803], rpl16 [complement(83196..84099)], rpl2 [complement(86213..86904)], ndhB [complement(96486..97156)], trnI-GAU [103271..104206], trnA-UGC [104344..105154], ndhA [complement(126075..127032)], trnA-UGC [complement(140048..140858)], trnI-GAU [complement(140996..141931)], ndhB [148046..148716], rpl2 [158298..158989]
2850.	PLAM	3	rps12 [complement(92091..92126)], rps12 [complement(92665..92895)], rps12 [complement(70018..70131)]	-
2851.	PLAR	25	rps12 [complement(75603..75716)], rps12 [154887..154912]	trnK-UUU [complement(1777..4279)], rps16 [complement(5875..6756)], trnG-UCC [10407..11106], atpF [complement(13549..14319)], rpoC1 [complement(23693..24414)], ycf3 [complement(46124..46909)], ycf3 [complement(47140..47879)], trnL-UAA [51159..51678], trnV-UAC [complement(55918..56500)], clpP [complement(77496..78126)], clpP [complement(78418..79488)], petB [82669..83435], petD [84296..85036], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(89404..90438)], rpl2 [complement(92508..93176)], ndhB [complement(103463..104132)], trnI-GAU [110427..111367], trnA-UGC [111505..112298], ndhA [complement(134021..134897)], trnA-UGC [complement(148380..149173)], trnI-GAU [complement(149311..150251)], ndhB [156546..157215], rpl2 [167502..168170]
2852.	PLAU	41	rps12 [complement(73768..73881)], trnK-UUU [complement(1912..1946)], trnK-UUU [complement(4477..4513)], trnG-UCC [9695..9719], trnG-UCC [10454..10502], trnL-UAA [50969..51005], trnL-UAA [51513..51558], trnV-UAC [complement(54767..54803)], trnV-UAC [complement(55398..55436)], rps12 [145174..145200], trnI-GAU [106675..106711], trnI-GAU [107446..107480], trnA-UGC [107545..107582], trnA-UGC [108386..108420], trnA-UGC [complement(138703..138737)], trnA-UGC [complement(139541..139578)], trnI-GAU [complement(139643..139677)], trnI-GAU [complement(140412..140448)]	trnK-UUU [complement(1947..4476)], rps16 [complement(5285..6159)], trnG-UCC [9720..10453], atpF [complement(13116..13860)], rpoC1 [complement(23721..24449)], ycf3 [complement(45901..46629)], ycf3 [complement(46858..47621)], trnL-UAA [51006..51512], trnV-UAC [complement(54804..55397)], clpP [complement(74277..74894)], clpP [complement(75186..76058)], petB [78951..79730], petD [80575..81327], rpl16 [complement(85570..86566)], rpl2 [complement(88694..89354)], ndhB [complement(99618..100299)], trnI-GAU [106712..107445], trnA-UGC [107583..108385], ndhA [121457..122497], trnA-UGC [complement(138738..139540)], trnI-GAU [complement(139678..140411)], ndhB [146824..147505], rpl2 [157769..158429]
2853.	PLBU	73	rps12 [complement(101619..101644)], rps12 [complement(102192..102420)], rps12 [complement(71728..71865)], trnK-UUU [complement(1438..1463)],	trnK-UUU [complement(1464..4286)], rps16 [complement(5043..5960)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4287..4323)], rps16 [complement(4795..5042)], rps16 [complement(5961..6000)], trnG-GCC [9611..9633], trnG-GCC [10332..10378], atpF [complement(12355..12765)], atpF [complement(13645..13788)], rpoC1 [complement(21254..22870)], rpoC1 [complement(23626..24060)], ycf3 [complement(44042..44194)], ycf3 [complement(44961..45190)], ycf3 [complement(45912..46035)], trnL-UAA [48562..48596], trnL-UAA [49175..49224], trnV-UAC [complement(53062..53096)], trnV-UAC [complement(53671..53709)], rps12 [complement(71728..71865)], rps12 [143975..144203], rps12 [144751..144776], clpP [complement(71999..72250)], clpP [complement(72916..73206)], clpP [complement(74127..74195)], petB [77770..77775], petB [78506..79147], petD [79333..79340], petD [80161..80656], rpl16 [complement(84200..84598)], rpl16 [complement(85863..85871)], rpl2 [complement(87878..88309)], rpl2 [complement(88971..89357)], ndhB [complement(98538..99293)], ndhB [complement(99993..100769)], trnI-GAU [106127..106168], trnI-GAU [107115..107149], trnA-UGC [107214..107251], trnA-UGC [108053..108087], ndhA [complement(123866..124405)], ndhA [complement(125581..126132)], trnA-UGC [complement(138308..138342)], trnA-UGC [complement(139144..139181)], trnI-GAU [complement(139246..139280)], trnI-GAU [complement(140227..140268)], ndhB [145626..146402], ndhB [147102..147857], rpl2 [157038..157424], rpl2 [158086..158517]	[9634..10331], atpF [complement(12766..13644)], rpoC1 [complement(22871..23625)], ycf3 [complement(44195..44960)], ycf3 [complement(45191..45911)], trnL-UAA [48597..49174], trnV-UAC [complement(53097..53670)], clpP [complement(72251..72915)], clpP [complement(73207..74126)], petB [77776..78505], petD [79341..80160], rpl16 [complement(84599..85862)], rpl2 [complement(88310..88970)], ndhB [complement(99294..99992)], trnI-GAU [106169..107114], trnA-UGC [107252..108052], ndhA [complement(124406..125580)], trnA-UGC [complement(138343..139143)], trnI-GAU [complement(139281..140226)], ndhB [146403..147101], rpl2 [157425..158085]
2854.	PLCH	72	rps12 [complement(97724..97749)], rps12 [complement(98291..98522)], rps12 [complement(68074..68187)], trnK-UUU [complement(1354..1388)], trnK-UUU [complement(4215..4251)], rps16 [complement(4904..5100)], rps16 [complement(6054..6093)], trnG-GCC [8456..8478], trnG-GCC [9172..9219], atpF [complement(11169..11567)], atpF [complement(12422..12565)], rpoC1 [complement(19572..21179)], rpoC1 [complement(21923..22354)], ycf3 [complement(41330..41482)], ycf3 [complement(42245..42472)], ycf3 [complement(43194..43319)], trnL-UAA [46234..46268], trnL-UAA [46927..46976], trnV-UAC [complement(50390..50426)], trnV-UAC [complement(51012..51050)], rps12 [139018..139249], rps12	trnK-UUU [complement(1389..4214)], rps16 [complement(5101..6053)], trnG-GCC [8479..9171], atpF [complement(11568..12421)], rpoC1 [complement(21180..21922)], ycf3 [complement(41483..42244)], ycf3 [complement(42473..43193)], trnL-UAA [46269..46926], trnV-UAC [complement(50427..51011)], clpP [complement(68584..69267)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[139791..139816], clpP [complement(68332..68583)], clpP [complement(69268..69559)], clpP [complement(70504..70574)], petB [74521..74526], petB [74766..75407], petD [75593..75600], petD [76415..76889], rpl16 [complement(80450..80848)], rpl16 [complement(82046..82054)], rpl2 [complement(84059..84490)], rpl2 [complement(85152..85538)], ndhB [complement(94642..95397)], ndhB [complement(96097..96873)], trnI-GAU [102150..102191], trnI-GAU [103119..103153], trnA-UGC [103218..103255], trnA-UGC [104053..104087], ndhA [complement(119068..119607)], ndhA [complement(120685..121236)], trnA-UGC [complement(133453..133487)], trnA-UGC [complement(134285..134322)], trnI-GAU [complement(134387..134421)], trnI-GAU [complement(135349..135390)], ndhB [140667..141443], ndhB [142143..142898], rpl2 [152002..152388], rpl2 [153050..153481]	[complement(69560..70503)], petB [74527..74765], petD [75601..76414], rpl16 [complement(80849..82045)], rpl2 [complement(84491..85151)], ndhB [complement(95398..96096)], trnI-GAU [102192..103118], trnA-UGC [103256..104052], ndhA [complement(119608..120684)], trnA-UGC [complement(133488..134284)], trnI-GAU [complement(134422..135348)], ndhB [141444..142142], rpl2 [152389..153049]
2855.	PLCU	41	rps12 [complement(73764..73877)], trnK-UUU [complement(1893..1927)], trnK-UUU [complement(4458..4494)], trnG-UCC [9679..9701], trnG-UCC [10437..10482], trnL-UAA [50932..50968], trnL-UAA [51472..51521], trnV-UAC [complement(54742..54778)], trnV-UAC [complement(55374..55412)], rps12 [145320..145346], trnI-GAU [106643..106684], trnI-GAU [107406..107440], trnA-UGC [107505..107542], trnA-UGC [108346..108380], trnA-UGC [complement(138878..138912)], trnA-UGC [complement(139716..139753)], trnI-GAU [complement(139818..139852)], trnI-GAU [complement(140574..140615)]	trnK-UUU [complement(1928..4457)], rps16 [complement(5263..6140)], trnG-UCC [9702..10436], atpF [complement(13107..13858)], rpoC1 [complement(23722..24451)], ycf3 [complement(45868..46597)], ycf3 [complement(46826..47583)], trnL-UAA [50969..51471], trnV-UAC [complement(54779..55373)], clpP [complement(74272..74886)], clpP [complement(75178..76046)], petB [78939..79718], petD [80563..81315], rpl16 [complement(85550..86554)], rpl2 [complement(88684..89344)], ndhB [complement(99608..100288)], trnI-GAU [106685..107405], trnA-UGC [107543..108345], ndhA [complement(124792..125845)], trnA-UGC [complement(138913..139715)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(139853..140573)], ndhB [146970..147650], rpl2 [157914..158574]
2856.	PLDE	4	rps12 [complement(67858..67971)], rps12 [102841..102866]	petB [73751..74480], rpl16 [complement(80411..81255)]
2857.	PLDU	70	rps12 [complement(95926..95955)], rps12 [complement(96484..96723)], rps12 [complement(68056..68169)], trnK-UUU [complement(1619..1653)], trnK-UUU [complement(4152..4188)], rps16 [complement(4748..4959)], rps16 [complement(5841..5880)], trnG-UCC [8603..8625], trnG-UCC [9338..9385], atpF [complement(11353..11759)], atpF [complement(12491..12635)], rpoC1 [complement(20438..22057)], rpoC1 [complement(22775..23206)], ycf3 [complement(42146..42298)], ycf3 [complement(43074..43301)], ycf3 [complement(44033..44158)], trnL-UAA [46405..46439], trnL-UAA [46922..46971], trnV-UAC [complement(50825..50859)], trnV-UAC [complement(51457..51495)], clpP [complement(68327..68573)], clpP [complement(69224..69514)], clpP [complement(70165..70232)], petB [73148..73153], petB [73953..74594], petD [74796..74803], petD [75536..76031], rpl16 [complement(79504..79917)], rpl16 [complement(80798..80806)], rpl2 [complement(82554..82987)], rpl2 [complement(83642..84032)], ndhB [complement(93028..93786)], ndhB [complement(94481..95257)], trnI-GAU [100436..100472], trnI-GAU [101413..101447], trnA-UGC [101512..101549], trnA-UGC [102354..102388], ndhA [complement(117719..118257)], ndhA [complement(119329..119884)], trnA-UGC [complement(132336..132370)], trnA-UGC [complement(133175..133212)], trnI-GAU [complement(133277..133311)], trnI-GAU [complement(134252..134288)], ndhB [139467..140243], ndhB [140938..141696], rpl2 [150692..151082], rpl2 [151737..152170]	trnK-UUU [complement(1654..4151)], rps16 [complement(4960..5840)], trnG-UCC [8626..9337], atpF [complement(11760..12490)], rpoC1 [complement(22058..22774)], ycf3 [complement(42299..43073)], ycf3 [complement(43302..44032)], trnL-UAA [46440..46921], trnV-UAC [complement(50860..51456)], clpP [complement(68574..69223)], clpP [complement(69515..70164)], petB [73154..73952], petD [74804..75535], rpl16 [complement(79918..80797)], rpl2 [complement(82988..83641)], ndhB [complement(93787..94480)], trnI-GAU [100473..101412], trnA-UGC [101550..102353], ndhA [complement(118258..119328)], trnA-UGC [complement(132371..133174)], trnI-GAU [complement(133312..134251)], ndhB [140244..140937], rpl2 [151083..151736]
2858.	PLFO	61	rps12 [complement(102548..102790)], rps12 [complement(71870..71983)], trnK-UUU [complement(1570..1595)], trnK-UUU [complement(4423..4459)], rps16 [complement(4931..5178)], rps16 [complement(6079..6118)], trnG-GCC [9715..9737], trnG-GCC [10436..10482], atpF [complement(12456..12866)], atpF [complement(13832..13975)], rpoC1 [complement(21436..23052)], rpoC1 [complement(23808..24242)], ycf3 [complement(44220..44372)], ycf3	trnK-UUU [complement(1596..4422)], rps16 [complement(5179..6078)], trnG-GCC [9738..10435], atpF [complement(12867..13831)], rpoC1 [complement(23053..23807)], ycf3 [complement(44373..45138)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45139..45368)], ycf3 [complement(46090..46213)], trnL-UAA [48742..48776], trnL-UAA [49355..49404], trnV-UAC [complement(53152..53186)], trnV-UAC [complement(53762..53800)], rps12 [144446..144688], clpP [complement(72117..72368)], clpP [complement(73035..73325)], clpP [complement(74245..74313)], rpl2 [complement(88267..88698)], rpl2 [complement(89360..89746)], ndhB [complement(98905..99660)], ndhB [complement(100360..101136)], trnI-GAU [106496..106537], trnI-GAU [107484..107518], trnA-UGC [107583..107620], trnA-UGC [108422..108456], ndhA [complement(124332..124871)], ndhA [complement(126047..126598)], trnA-UGC [complement(138780..138814)], trnA-UGC [complement(139616..139653)], trnI-GAU [complement(139718..139752)], trnI-GAU [complement(140699..140740)], ndhB [146100..146876], ndhB [147576..148331], rpl2 [157490..157876], rpl2 [158538..158969]	[complement(45369..46089)], trnL-UAA [48777..49354], trnV-UAC [complement(53187..53761)], clpP [complement(72369..73034)], clpP [complement(73326..74244)], rpl2 [complement(88699..89359)], ndhB [complement(99661..100359)], trnI-GAU [106538..107483], trnA-UGC [107621..108421], ndhA [complement(124872..126046)], trnA-UGC [complement(138815..139615)], trnI-GAU [complement(139753..140698)], ndhB [146877..147575], rpl2 [157877..158537]
2859.	PLGR	22	rps12 [complement(97532..97557)]	trnK-UUU [complement(1754..4275)], ycf3 [complement(17960..18694)], ycf3 [complement(18925..19632)], trnL-UAA [45703..46214], trnV-UAC [complement(49982..50561)], trnG-UCC [66183..66885], atpF [complement(69286..70016)], petB [74564..75310], petD [76148..76852], rpl16 [complement(82183..83161)], rpl2 [complement(85246..85909)], ndhB [complement(95260..95927)], trnI-GAU [102140..103083], trnA-UGC [103229..104026], ndhA [118092..119101], ndhA [complement(131830..132839)], trnA-UGC [complement(146905..147702)], trnI-GAU [complement(147848..148791)], ndhB [155004..155671], rpl2 [165022..165685], rpl16 [167770..168748]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2860.	PLIN	52	trnV [51968..52005], trnV [51356..51392], rps12 [complement(97858..98100)], rps12 [complement(69593..69709)], rpoC1 [16120..16574], rpoC1 [17293..18943], atpF [26885..27029], atpF [27722..28146], ycf3 [complement(42121..42261)], ycf3 [complement(43015..43235)], ycf3 [complement(43942..44065)], trnL-UAA [46937..46973], trnL-UAA [47413..47462], rps12 [138322..138564], clpP [complement(69865..70090)], clpP [complement(70732..71025)], clpP [complement(71839..71909)], rpl2 [complement(84247..84692)], rpl2 [complement(85346..85736)], ndhB [complement(94294..95071)], ndhB [complement(95715..96496)], trnI-GAU [102020..102062], trnI-GAU [102840..102874], trnA-UGC [102939..102976], trnA-UGC [103800..103834], ndhA [115638..116199], ndhA [117278..117795], trnA-UGC [132588..132622], trnA-UGC [133446..133483], trnI-GAU [133548..133582], trnI-GAU [134360..134402], ndhB [139926..140707], ndhB [141351..142128], rpl2 [150686..151076], rpl2 [151730..152175]	trnV [52006..51355], rpoC1 [16575..17292], atpF [27030..27721], ycf3 [complement(42262..43014)], ycf3 [complement(43236..43941)], trnL-UAA [46974..47412], clpP [complement(70091..70731)], clpP [complement(71026..71838)], rpl2 [complement(84693..85345)], ndhB [complement(95072..95714)], trnI-GAU [102063..102839], trnA-UGC [102977..103799], ndhA [116200..117277], trnA-UGC [132623..133445], trnI-GAU [133583..134359], ndhB [140708..141350], rpl2 [151077..151729]
2861.	PLJA	73	rps12 [complement(100502..100527)], rps12 [complement(101070..101301)], rps12 [complement(70543..70656)], trnK-UUU [complement(1513..1538)], trnK-UUU [complement(4555..4591)], rps16 [complement(5141..5352)], rps16 [complement(6219..6264)], trnG-GCC [9836..9858], trnG-GCC [10545..10593], atpF [complement(12471..12848)], atpF [complement(13755..13922)], rpoC1 [complement(21441..23057)], rpoC1 [complement(23780..24214)], ycf3 [complement(43327..43479)], ycf3 [complement(44242..44469)], ycf3 [complement(45176..45301)], trnL-UAA [48004..48038], trnL-UAA [48800..48849], trnV-UAC [complement(51160..51196)], trnV-UAC [complement(51785..51823)], rps12 [complement(70543..70656)], rps12 [139674..139905], rps12 [140448..140473], clpP [complement(70798..71049)], clpP [complement(71716..72006)], clpP [complement(72993..73061)], petB [77115..77120], petB [77351..78007], petD [78199..78206], petD [79103..79577], rpl16 [complement(83135..83533)], rpl16 [complement(84751..84759)], rpl2 [complement(86822..87253)], rpl2 [complement(87915..88301)], ndhB [complement(97416..98171)], ndhB	trnK-UUU [complement(1539..4554)], rps16 [complement(5353..6218)], trnG-GCC [9859..10544], atpF [complement(12849..13754)], rpoC1 [complement(23058..23779)], ycf3 [complement(43480..44241)], ycf3 [complement(44470..45175)], trnL-UAA [48039..48799], trnV-UAC [complement(51197..51784)], clpP [complement(71050..71715)], clpP [complement(72007..72992)], petB [77121..77350], petD [78207..79102], rpl16 [complement(83534..84750)], rpl2 [complement(87254..87914)], ndhB [complement(98172..98870)], trnI-GAU [105505..106506], trnA-UGC [106643..107439], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98871..99647)], trnI-GAU [105463..105504], trnI-GAU [106507..106541], trnA-UGC [106605..106642], trnA-UGC [107440..107474], ndhA [complement(119975..119977)], ndhA [complement(120022..120636)], trnA-UGC [complement(133501..133535)], trnA-UGC [complement(134333..134369)], trnI-GAU [complement(134434..134468)], trnI-GAU [complement(135471..135512)], ndhB [141328..142104], ndhB [142804..143559], rpl2 [152674..153060], rpl2 [153722..154153]	[complement(119978..120021)], trnA-UGC [complement(133536..134332)], trnI-GAU [complement(134469..135470)], ndhB [142105..142803], rpl2 [153061..153721]
2862.	PLLA	67	rps12 [complement(95169..95194)], rps12 [complement(95730..95961)], rps12 [complement(68039..68152)], trnK-UUU [complement(1687..1721)], trnK-UUU [complement(4181..4217)], rps16 [complement(4589..4819)], rps16 [complement(5679..5726)], trnG-UCC [8699..8721], trnG-UCC [9419..9466], atpF [complement(11435..11845)], atpF [complement(12582..12725)], rpoC1 [complement(20584..22224)], rpoC1 [complement(22945..23406)], ycf3 [complement(41877..42029)], ycf3 [complement(42748..42975)], ycf3 [complement(43689..43817)], trnL-UAA [46408..46444], trnL-UAA [46950..46997], trnV-UAC [complement(49740..49776)], trnV-UAC [complement(50362..50403)], rps12 [136696..136927], rps12 [137463..137488], clpP [complement(68294..68838)], clpP [complement(69575..69623)], petB [72501..72506], petB [73264..73905], petD [74106..74113], petD [74819..75293], rpl16 [complement(79413..79811)], rpl16 [complement(80667..80675)], rpl2 [complement(82662..83096)], rpl2 [complement(83761..84153)], ndhB [complement(92164..92919)], ndhB [complement(93592..94317)], trnI-CAU [99449..99490], trnI-CAU [100294..100328], trnA-UGC [100393..100430], trnA-UGC [101245..101279], ndhA [complement(116574..117104)], ndhA [complement(118214..118765)], trnA-UGC [complement(131378..131412)], trnA-UGC [complement(132227..132264)], trnI-CAU [complement(132329..132363)], trnI-CAU [complement(133167..133208)], ndhB [138340..139065], ndhB [139738..140493]	trnK-UUU [complement(1722..4180)], rps16 [complement(4820..5678)], trnG-UCC [8722..9418], atpF [complement(11846..12581)], rpoC1 [complement(22225..22944)], ycf3 [complement(42030..42747)], ycf3 [complement(42976..43688)], trnL-UAA [46445..46949], trnV-UAC [complement(49777..50361)], clpP [complement(68839..69574)], petB [72507..73263], petD [74114..74818], rpl16 [complement(79812..80666)], rpl2 [complement(83097..83760)], ndhB [complement(92920..93591)], trnI-CAU [99491..100293], trnA-UGC [100431..101244], ndhA [complement(117105..118213)], trnA-UGC [complement(131413..132226)], trnI-CAU [complement(132364..133166)], ndhB [139066..139737]
2863.	PLMA	62	rps12 [complement(92109..92144)], rps12 [complement(92683..92913)], rps12 [complement(70036..70149)], trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3936..3973)], rps16 [complement(4530..4745)], rps16	trnK-UUU [complement(1422..3935)], rps16 [complement(4746..5574)], trnG-UCC [complement(13682..14346)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5575..5616)], trnG-UCC [complement(13630..13681)], trnG-UCC [complement(14347..14369)], atpF [35335..35493], atpF [36320..36727], ycf3 [complement(44490..44648)], ycf3 [complement(45373..45600)], ycf3 [complement(46341..46472)], trnL-UAA [49237..49271], trnL-UAA [49812..49861], trnV-UAC [complement(53279..53315)], trnV-UAC [complement(53912..53950)], petB [73876..73881], petB [74699..75340], petD [75529..75537], petD [76287..76760], rpl16 [complement(80386..80787)], rpl16 [complement(81878..81886)], rpl2 [complement(83868..84299)], rpl2 [complement(84960..85352)], ndhB [complement(89040..89795)], ndhB [complement(90508..91284)], trnI-GAU [96738..96779], trnI-GAU [97725..97759], trnA-UGC [97825..97862], trnA-UGC [98674..98708], ndhA [complement(114815..115354)], ndhA [complement(116381..116929)], trnA-UGC [complement(124296..124330)], trnA-UGC [complement(125142..125179)], trnI-GAU [complement(125245..125279)], trnI-GAU [complement(126225..126266)], ndhB [131720..132496], ndhB [133209..133964], rpl2 [137655..138044], rpl2 [138705..139136]	[35494..36319], ycf3 [complement(44649..45372)], ycf3 [complement(45601..46340)], trnL-UAA [49272..49811], trnV-UAC [complement(53316..53911)], petB [73882..74698], petD [75538..76286], rpl16 [complement(80788..81877)], rpl2 [complement(84300..84959)], ndhB [complement(89796..90507)], trnI-GAU [96780..97724], trnA-UGC [97863..98673], ndhA [complement(115355..116380)], trnA-UGC [complement(124331..125141)], trnI-GAU [complement(125280..126224)], ndhB [132497..133208], rpl2 [138045..138704]
2864.	PLME	4	rps12 [complement(67927..68040)], rps12 [102437..102462]	petB [73591..74316], rpl16 [complement(80231..81075)]
2865.	PLMR	4	rps12 [complement(69236..69349)], rps12 [107540..107565]	petB [72866..73608], rpl16 [complement(79685..80507)]
2866.	PLOC	25	rps12 [complement(77438..77551)], rps12 [148509..148534]	trnK-UUU [complement(1951..4450)], rps16 [complement(5822..6678)], trnG-UCC [10674..11368], atpF [complement(13754..14520)], rpoC1 [complement(24477..25210)], ycf3 [complement(46942..47675)], ycf3 [complement(47906..48643)], trnL-UAA [52557..53081], trnV-UAC [complement(58279..58872)], clpP [complement(77946..78604)], clpP [complement(78896..79705)], petB [82659..83432], petD [84283..84991], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(89506..90538)], rpl2 [complement(92684..93354)], ndhB [complement(103087..103786)], trnI-GAU [110120..111061], trnA-UGC [111199..111998], ndhA [complement(127723..128817)], trnA-UGC [complement(141944..142743)], trnI-GAU [complement(142881..143822)], ndhB [150156..150855], rpl2 [160588..161258]
2867.	PLOV	70	rps12 [complement(95078..95103)], rps12 [complement(95639..95870)], rps12 [complement(67766..67879)], trnK-UUU [complement(1719..1753)], trnK-UUU [complement(4211..4247)], rpl16 [complement(4928..5152)], rpl16 [complement(5994..6041)], trnG-UCC [8969..8991], trnG-UCC [9684..9731], atpF [complement(11652..12062)], atpF [complement(12773..12916)], rpoC1 [complement(20815..22455)], rpoC1 [complement(23167..23628)], ycf3 [complement(41582..41734)], ycf3 [complement(42475..42702)], ycf3 [complement(43413..43541)], trnL-UAA [46186..46222], trnL-UAA [46730..46777], trnV-UAC [complement(49693..49729)], trnV-UAC [complement(50306..50347)], rps12 [136467..136698], rps12 [137234..137259], clpP [complement(68035..68579)], clpP [complement(69310..69358)], petB [72218..72223], petB [72972..73613], petD [73815..73822], petD [74544..75018], rpl16 [complement(79470..79868)], rpl16 [complement(80738..80746)], rpl2 [complement(82682..83116)], rpl2 [complement(83793..84185)], ndhB [complement(92071..92826)], ndhB [complement(93499..94227)], trnI-CAU [99392..99433], trnI-CAU [100239..100273], trnA-UGC [100338..100375], trnA-UGC [101191..101225], ndhA [complement(116349..116879)], ndhA [complement(117993..118544)], trnA-UGC [complement(131112..131146)], trnA-UGC [complement(131962..131999)], trnI-CAU [complement(132064..132098)], trnI-CAU [complement(132904..132945)], ndhB [138110..138838], ndhB [139511..140266], rpl2 [148134..148550], rpl2 [149125..149655]	trnK-UUU [complement(1754..4210)], rpl16 [complement(5153..5993)], trnG-UCC [8992..9683], atpF [complement(12063..12772)], rpoC1 [complement(22456..23166)], ycf3 [complement(41735..42474)], ycf3 [complement(42703..43412)], trnL-UAA [46223..46729], trnV-UAC [complement(49730..50305)], clpP [complement(68580..69309)], petB [72224..72971], petD [73823..74543], rpl16 [complement(79869..80737)], rpl2 [complement(83117..83792)], ndhB [complement(92827..93498)], trnI-CAU [99434..100238], trnA-UGC [100376..101190], ndhA [complement(116880..117992)], trnA-UGC [complement(131147..131961)], trnI-CAU [complement(132099..132903)], ndhB [138839..139510], rpl2 [148551..149124]
2868.	PLST	70	rps12 [complement(103701..103730)], rps12 [complement(104268..104498)],	rps16 [complement(5733..6615)], trnS-CGA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(75605..75718)], rps16 [complement(5499..5732)], rps16 [complement(6616..6657)], trnS-CGA [10355..10377], trnS-CGA [11112..11149], atpF [complement(13430..13840)], atpF [complement(14587..14730)], rpoC1 [complement(23017..24642)], rpoC1 [complement(25475..25906)], ycf3 [complement(47181..47333)], ycf3 [complement(48144..48371)], ycf3 [complement(49133..49258)], trnL-UAA [52391..52425], trnL-UAA [52970..53019], trnV-UAC [complement(56570..56604)], trnV-UAC [complement(57227..57264)], rps12 [complement(75605..75718)], rps12 [146722..146953], rps12 [147490..147515], clpP [complement(75892..76119)], clpP [complement(76723..77016)], clpP [complement(77869..77937)], petB [80922..80927], petB [81722..82363], petD [82574..82582], petD [83198..83671], rpl16 [complement(87197..87595)], rpl16 [complement(88548..88556)], rpl2 [complement(90300..90734)], rpl2 [complement(91425..91814)], ndhB [complement(100655..101416)], ndhB [complement(102103..102879)], trnI-GAU [108309..108345], trnI-GAU [109297..109331], trnA-UGC [109396..109433], trnA-UGC [110240..110274], ndhA [complement(126012..126550)], ndhA [complement(127733..128288)], trnA-UGC [complement(140950..140984)], trnA-UGC [complement(141791..141828)], trnI-GAU [complement(141893..141927)], trnI-GAU [complement(142879..142915)], ndhB [148341..149117], ndhB [149804..150565], rpl2 [159406..159795], rpl2 [160486..160920]</p>	<p>[10378..11111], atpF [complement(13841..14586)], rpoC1 [complement(24643..25474)], ycf3 [complement(47334..48143)], ycf3 [complement(48372..49132)], trnL-UAA [52426..52969], trnV-UAC [complement(56605..57226)], clpP [complement(76120..76722)], clpP [complement(77017..77868)], petB [80928..81721], petD [82583..83197], rpl16 [complement(87596..88547)], rpl2 [complement(90735..91424)], ndhB [complement(101417..102102)], trnI-GAU [108346..109296], trnA-UGC [109434..110239], ndhA [complement(126551..127732)], trnA-UGC [complement(140985..141790)], trnI-GAU [complement(141928..142878)], ndhB [149118..149803], rpl2 [159796..160485]</p>
2869.	PLTE	64	<p>rps12 [complement(91625..91653)], rps12 [complement(92194..92425)], rps12 [complement(68564..68677)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3884..3921)], rps16 [complement(4476..4693)], rps16 [complement(5535..5574)], trnG-UCC [complement(13129..13176)], trnG-UCC [complement(13870..13892)], atpF [34188..34346], atpF [35164..35571], ycf3 [complement(43401..43553)], ycf3 [complement(44288..44515)], ycf3 [complement(45260..45391)], trnL-UAA [48163..48197], trnL-UAA [48747..48796], trnV-UAC [complement(52445..52481)], trnV-UAC [complement(53083..53121)], rps12 [129012..129243], rps12 [129784..129812], petB [72475..72480], petB [73256..73903], petD</p>	<p>trnK-UUU [complement(1415..3883)], rps16 [complement(4694..5534)], trnG-UCC [complement(13177..13869)], atpF [34347..35163], ycf3 [complement(43554..44287)], ycf3 [complement(44516..45259)], trnL-UAA [48198..48746], trnV-UAC [complement(52482..53082)], petB [72481..73255], petD [74095..74823], rpl16 [complement(79251..80323)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74087..74094], petD [74824..75298], rpl16 [complement(78849..79250)], rpl16 [complement(80324..80332)], rpl2 [complement(82291..82722)], rpl2 [complement(83386..83775)], ndhB [complement(88557..89312)], ndhB [complement(90025..90801)], trnI-GAU [96244..96285], trnI-GAU [97231..97265], trnA-UGC [97331..97368], trnA-UGC [98179..98213], ndhA [complement(113721..114260)], ndhA [complement(115299..115847)], trnA-UGC [complement(123224..123258)], trnA-UGC [complement(124069..124106)], trnI-GAU [complement(124172..124206)], trnI-GAU [complement(125152..125193)], ndhB [130636..131412], ndhB [132125..132880], rpl2 [137662..138051], rpl2 [138715..139146]	[complement(82723..83385)], ndhB [complement(89313..90024)], trnI-GAU [96286..97230], trnA-UGC [97369..98178], ndhA [complement(114261..115298)], trnA-UGC [complement(123259..124068)], trnI-GAU [complement(124207..125151)], ndhB [131413..132124], rpl2 [138052..138714]
2870.	PLTR	70	rps12 [complement(101854..101880)], rps12 [complement(102427..102657)], rps12 [complement(73709..73822)], trnK [complement(1869..1903)], trnK [complement(4431..4467)], rps16 [complement(5034..5243)], rps16 [complement(6116..6154)], atpF [complement(12659..13069)], atpF [complement(13822..13965)], rpoC1 [complement(22053..23669)], rpoC1 [complement(24399..24851)], ycf3 [complement(45720..45872)], ycf3 [complement(46601..46828)], ycf3 [complement(47586..47711)], trnL [50917..50953], trnL [51452..51501], trnV [complement(54710..54746)], trnV [complement(55344..55382)], rps12 [complement(73709..73822)], rps12 [144953..145183], rps12 [145730..145756], clpP [complement(73989..74216)], clpP [complement(74835..75128)], clpP [complement(75990..76058)], petB [78882..78887], petB [79668..80309], petD [80503..80511], petD [81265..81738], rpl16 [complement(85094..85492)], rpl16 [complement(86491..86499)], rpl2 [complement(88184..88618)], rpl2 [complement(89283..89672)], ndhB [complement(98793..99548)], ndhB [complement(100231..101007)], trnI [106605..106646], trnI [107598..107632], trnA [107697..107734], trnA [108538..108572], ndhA [complement(124436..124975)], ndhA [complement(126027..126578)], trnA [complement(139038..139072)], trnA [complement(139876..139913)], trnI [complement(139978..140012)], trnI [complement(140964..141005)], ndhB [146603..147379], ndhB [148062..148817], rpl2 [157938..158327], rpl2 [158992..159426]	trnK [complement(1904..4430)], rps16 [complement(5244..6115)], atpF [complement(13070..13821)], rpoC1 [complement(23670..24398)], ycf3 [complement(45873..46600)], ycf3 [complement(46829..47585)], trnL [50954..51451], trnV [complement(54747..55343)], clpP [complement(74217..74834)], clpP [complement(75129..75989)], petB [78888..79667], petD [80512..81264], rpl16 [complement(85493..86490)], rpl2 [complement(88619..89282)], ndhB [complement(99549..100230)], trnI [106647..107597], trnA [107735..108537], ndhA [complement(124976..126026)], trnA [complement(139073..139875)], trnI [complement(140013..140963)], ndhB [147380..148061], rpl2 [158328..158991]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2871.	POAD	63	rps12 [complement(98979..99004)], rps12 [complement(99541..99772)], rps12 [complement(70014..70127)], trnK-UUU [complement(1711..1745)], trnK-UUU [complement(4290..4326)], trnG-UCC [7649..7670], trnG-UCC [8367..8417], atpF [complement(10464..10933)], atpF [complement(11596..11743)], rpoC1 [complement(19777..21393)], rpoC1 [complement(22177..22632)], ycf3 [complement(42418..42570)], ycf3 [complement(43306..43533)], ycf3 [complement(44256..44384)], trnL-UAA [46661..46696], trnL-UAA [47287..47335], trnV-UAC [complement(51463..51499)], trnV-UAC [complement(52103..52139)], rps12 [143453..143684], rps12 [144221..144246], clpP [complement(70320..70547)], clpP [complement(71176..71467)], clpP [complement(72266..72336)], petB [75363..75368], petB [76185..76826], rpl2 [complement(85192..85664)], rpl2 [complement(86291..86684)], ndhB [complement(95906..96661)], ndhB [complement(97251..98120)], trnI-GAU [103738..103774], trnI-GAU [104723..104757], trnA-UGC [104822..104859], trnA-UGC [105663..105697], ndhA [complement(123007..123552)], ndhA [complement(124620..125171)], trnA-UGC [complement(137528..137562)], trnA-UGC [complement(138366..138403)], trnI-GAU [complement(138468..138502)], trnI-GAU [complement(139451..139487)], ndhB [145105..145971], ndhB [146564..147319], rpl2 [156541..156931], rpl2 [157561..158033]	trnK-UUU [complement(1746..4289)], trnG-UCC [7671..8366], atpF [complement(10934..11595)], rpoC1 [complement(21394..22176)], ycf3 [complement(42571..43305)], ycf3 [complement(43534..44255)], trnL-UAA [46697..47286], trnV-UAC [complement(51500..52102)], clpP [complement(70548..71175)], clpP [complement(71468..72265)], petB [75369..76184], rpl2 [complement(85665..86290)], ndhB [complement(96662..97250)], trnI-GAU [103775..104722], trnA-UGC [104860..105662], ndhA [complement(123553..124619)], trnA-UGC [complement(137563..138365)], trnI-GAU [complement(138503..139450)], ndhB [145972..146563], rpl2 [156932..157560]
2872.	POAG	60	rps12 [complement(99123..99149)], rps12 [complement(99686..99916)], rps12 [complement(70157..70270)], trnK-UUU [complement(1670..1698)], trnK-UUU [complement(4262..4298)], atpF [complement(10384..10794)], atpF [complement(11524..11667)], rpoC1 [complement(19708..21333)], rpoC1 [complement(22105..22539)], ycf3 [complement(42762..42914)], ycf3 [complement(43629..43856)], ycf3 [complement(44578..44706)], trnL-UAA [46920..46956], trnL-UAA [47552..47601], trnV-UAC [complement(51684..51720)], trnV-UAC [complement(52322..52360)], rps12 [141554..141784], rps12 [142321..142347], clpP [complement(70492..70719)], clpP [complement(71346..71636)], clpP [complement(72429..72497)], rpl16 [complement(81949..82349)], rpl16 [complement(83515..83524)], rpl2 [complement(85327..85797)], rpl2 [complement(86427..86819)], ndhB	trnK-UUU [complement(1699..4261)], atpF [complement(10795..11523)], rpoC1 [complement(21334..22104)], ycf3 [complement(42915..43628)], ycf3 [complement(43857..44577)], trnL-UAA [46957..47551], trnV-UAC [complement(51721..52321)], clpP [complement(70720..71345)], clpP [complement(71637..72428)], rpl16 [complement(82350..83514)], rpl2 [complement(85798..86426)], ndhB [complement(96806..97487)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(96050..96805)], ndhB [complement(97488..98264)], trnI-GAU [103860..103901], trnI-GAU [104845..104879], trnA-UGC [104949..104986], trnA-UGC [105789..105823], ndhA [complement(121058..121603)], ndhA [complement(122678..123229)], trnA-UGC [complement(135647..135681)], trnA-UGC [complement(136484..136521)], trnI-GAU [complement(136591..136625)], trnI-GAU [complement(137569..137610)], ndhB [143206..143982], ndhB [144665..145420], rpl2 [154651..155043], rpl2 [155673..156143]	[103902..104844], trnA-UGC [104987..105788], ndhA [complement(121604..122677)], trnA-UGC [complement(135682..136483)], trnI-GAU [complement(136626..137568)], ndhB [143983..144664], rpl2 [155044..155672]
2873.	POAL	69	rps12 [complement(98926..98951)], rps12 [complement(99488..99719)], rps12 [complement(70023..70136)], trnK [complement(1687..1721)], trnK [complement(4277..4313)], trnG [7633..7655], trnG [8353..8401], atpF [complement(10428..10838)], atpF [complement(11565..11708)], rpoC1 [complement(19696..21312)], rpoC1 [complement(22099..22530)], ycf3 [complement(42405..42557)], ycf3 [complement(43292..43519)], ycf3 [complement(44244..44369)], trnL [46682..46716], trnL [47315..47364], trnV [complement(51477..51511)], trnV [complement(52115..52153)], rps12 [141405..141636], rps12 [142173..142198], clpP [complement(70329..70556)], clpP [complement(71185..71476)], clpP [complement(72275..72345)], petB [75365..75370], petB [76175..76816], petD [77043..77050], petD [77849..78338], rpl16 [complement(81831..82229)], rpl16 [complement(83348..83356)], rpl2 [complement(85177..85611)], rpl2 [complement(86280..86669)], ndhB [complement(95853..96608)], ndhB [complement(97291..98013)], trnI [103682..103718], trnI [104667..104701], trnA [104766..104803], trnA [105606..105640], ndhA [complement(120923..121468)], ndhA [complement(122540..123091)], trnA [complement(135484..135518)], trnA [complement(136321..136358)], trnI [complement(136423..136457)], trnI [complement(137406..137442)], ndhB [143057..143833], ndhB [144516..145271], rpl2 [154455..154847], rpl2 [155513..155947]	trnK [complement(1722..4276)], trnG [7656..8352], atpF [complement(10839..11564)], rpoC1 [complement(21313..22098)], ycf3 [complement(42558..43291)], ycf3 [complement(43520..44243)], trnL [46717..47314], trnV [complement(51512..52114)], clpP [complement(70557..71184)], clpP [complement(71477..72274)], petB [75371..76174], petD [77051..77848], rpl16 [complement(82230..83347)], rpl2 [complement(85612..86279)], ndhB [complement(96609..97290)], trnI [103719..104666], trnA [104804..105605], ndhA [complement(121469..122539)], trnA [complement(135519..136320)], trnI [complement(136458..137405)], ndhB [143834..144515], rpl2 [154848..155512]
2874.	POAN	39	trnK-UUU [complement(1382..1416)], trnK-UUU [complement(3903..3939)], trnG-UCC [complement(12786..12833)], trnG-UCC [complement(13511..13533)], trnL-UAA [46337..46371], trnL-UAA	trnK-UUU [complement(1417..3902)], rps16 [complement(4745..5572)], trnG-UCC [complement(12834..13510)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[46914..46963], trnV-UAC [complement(50455..50491)], trnV-UAC [complement(51095..51133)], rps12 [126901..126929], trnI-GAU [93431..93467], trnI-GAU [94274..94308], trnA-UGC [94374..94411], trnA-UGC [95223..95257], ndhA [102631..103180], ndhA [104199..104737], trnA-UGC [complement(120518..120552)], trnA-UGC [complement(121364..121401)], trnI-GAU [complement(121467..121501)], trnI-GAU [complement(122308..122344)]	[32542..33356], ycf3 [complement(41762..42485)], ycf3 [complement(42712..43465)], trnL-UAA [46372..46913], trnV-UAC [complement(50492..51094)], petB [70976..71741], petD [72582..73320], rpl16 [complement(77805..78709)], rpl2 [complement(81136..81798)], ndhB [complement(86531..87241)], trnI-GAU [93468..94273], trnA-UGC [94412..95222], ndhA [103181..104198], trnA-UGC [complement(120553..121363)], trnI-GAU [complement(121502..122307)], ndhB [128534..129244], rpl2 [133977..134639]
2875.	POAX	72	rps12 [complement(99809..99834)], rps12 [complement(100371..100602)], rps12 [complement(71886..71999)], trnK-UUU [complement(1739..1773)], trnK-UUU [complement(4255..4291)], rps16 [complement(5058..5282)], rps16 [complement(6140..6178)], trnG [9800..9822], trnG [10518..10565], atpF [complement(12580..12987)], atpF [complement(13692..13850)], rpoC1 [complement(21396..23021)], rpoC1 [complement(23754..24188)], ycf3 [complement(44038..44190)], ycf3 [complement(44928..45155)], ycf3 [complement(45877..46002)], trnL-UAA [49276..49312], trnL-UAA [49835..49884], trnV-UAC [complement(53023..53059)], trnV-UAC [complement(53646..53684)], rps12 [142476..142707], rps12 [143244..143269], clpP [complement(72149..72433)], clpP [complement(72973..73263)], clpP [complement(74060..74128)], petB [77036..77041], petB [77810..78466], petD [78655..78663], petD [79360..79884], rpl16 [complement(83355..83756)], rpl16 [complement(84772..84780)], rpl2 [complement(86414..86848)], rpl2 [complement(87516..87908)], ndhB [complement(96751..97506)], ndhB [complement(98186..98962)], trnI-GAU [104532..104573], trnI-GAU [105520..105554], trnA-UGC [105619..105656], trnA-UGC [106469..106503],	trnK-UUU [complement(1774..4254)], rps16 [complement(5283..6139)], trnG [9823..10517], atpF [complement(12988..13691)], rpoC1 [complement(23022..23753)], ycf3 [complement(44191..44927)], ycf3 [complement(45156..45876)], trnL-UAA [49313..49834], trnV-UAC [complement(53060..53645)], clpP [complement(72434..72972)], clpP [complement(73264..74059)], petB [77042..77809], petD [78664..79359], rpl16 [complement(83757..84771)], rpl2 [complement(86849..87515)], ndhB [complement(97507..98185)], trnI-GAU [104574..105519], trnA-UGC [105657..106468], ndhA [complement(122558..123652)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(122018..122557)], ndhA [complement(123653..124204)], trnA-UGC [complement(136575..136609)], trnA-UGC [complement(137422..137459)], trnI-GAU [complement(137524..137558)], trnI-GAU [complement(138505..138546)], ndhB [144116..144892], ndhB [145572..146327], rpl2 [155170..155559], rpl2 [156230..156664]	[complement(136610..137421)], trnI-GAU [complement(137559..138504)], ndhB [144893..145571], rpl2 [155560..156229]
2876.	POBA	67	trnK [complement(1692..1726)], trnK [complement(4279..4315)], trnG [7650..7672], trnG [8375..8422], atpF [complement(10429..10839)], atpF [complement(11566..11709)], rpoC1 [complement(19729..21345)], rpoC1 [complement(22122..22574)], ycf3 [complement(42554..42706)], ycf3 [complement(43442..43669)], ycf3 [complement(44397..44522)], trnL [46830..46864], trnL [47450..47499], trnV [complement(51629..51663)], trnV [complement(52267..52305)], rps12 [complement(70331..70444)], rps12 [141972..142202], rps12 [142739..142765], clpP [complement(70642..70869)], clpP [complement(71497..71788)], clpP [complement(72593..72663)], petB [75646..75651], petB [76462..77103], petD [77342..77350], petD [78148..78636], rpl16 [complement(82128..82526)], rpl16 [complement(83625..83633)], rpl2 [complement(85482..85916)], rpl2 [complement(86585..86974)], ndhB [complement(96167..96922)], ndhB [complement(97605..98381)], trnI [103984..104020], trnI [104971..105005], trnA [105072..105109], trnA [105915..105949], ndhA [complement(121405..121950)], ndhA [complement(123098..123649)], trnA [complement(136093..136127)], trnA [complement(136930..136967)], trnI [complement(137037..137071)], trnI [complement(138020..138056)], ndhB [143636..144412], ndhB [145095..145850], rpl2 [155043..155432], rpl2 [156101..156535]	trnK [complement(1727..4278)], trnG [7673..8374], atpF [complement(10840..11565)], rpoC1 [complement(21346..22121)], ycf3 [complement(42707..43441)], ycf3 [complement(43670..44396)], trnL [46865..47449], trnV [complement(51664..52266)], clpP [complement(70870..71496)], clpP [complement(71789..72592)], petB [75652..76461], petD [77351..78147], rpl16 [complement(82527..83624)], rpl2 [complement(85917..86584)], ndhB [complement(96923..97604)], trnI [104021..104970], trnA [105110..105914], ndhA [complement(121951..123097)], trnA [complement(136128..136929)], trnI [complement(137072..138019)], ndhB [144413..145094], rpl2 [155433..156100]
2877.	POBR	79	rps12 [complement(99823..100049)], rps12 [complement(100594..100618)], rps12 [complement(70940..71053)], trnK-UUU [complement(1491..1525)], trnK-UUU [complement(4142..4178)], rps16 [complement(4918..5111)], rps16 [complement(5968..6007)], trnG-UCC [9513..9535], trnG-UCC [10221..10268], atpF [complement(12214..12623)], atpF [complement(13420..13564)], rpoC1 [complement(21434..23050)], rpoC1 [complement(23798..24229)], ycf3 [complement(42903..43061)], ycf3	trnK-UUU [complement(1526..4141)], rps16 [complement(5112..5967)], trnG-UCC [9536..10220], atpF [complement(12624..13419)], rpoC1 [complement(23051..23797)], ycf3 [complement(43062..43800)], ycf3 [complement(44031..44745)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43801..44030)], ycf3 [complement(44746..44869)], trnL-UAA [47714..47748], trnL-UAA [48268..48317], trnV-UAC [complement(52675..52711)], trnV-UAC [complement(53299..53337)], rps12 [complement(70940..71053)], rps12 [142488..142512], rps12 [143057..143283], clpP [complement(71192..71443)], clpP [complement(72098..72389)], clpP [complement(73209..73279)], petB [76196..76201], petB [76987..77634], petD [77848..77855], petD [78588..79101], rpl16 [complement(82582..82980)], rpl16 [complement(84102..84110)], rpl2 [complement(86081..86511)], rpl2 [complement(87174..87576)], ndhB [complement(96749..97504)], ndhB [complement(98209..98985)], trnI-GAU [104599..104635], trnI-GAU [105578..105612], ycf68 [104740..104781], ycf68 [104813..105115], trnA-UGC [105677..105714], trnA-UGC [106516..106550], ndhA [complement(122050..122588)], ndhA [complement(123640..124192)], trnA-UGC [complement(136556..136590)], trnA-UGC [complement(137392..137429)], trnI-GAU [complement(137494..137528)], trnI-GAU [complement(138471..138507)], ycf68 [complement(137991..138293)], ycf68 [complement(138325..138366)], ndhB [144121..144897], ndhB [145602..146345], rpl2 [155535..155937], rpl2 [156600..157030]	[47749..48267], trnV-UAC [complement(52712..53298)], clpP [complement(71444..72097)], clpP [complement(72390..73208)], petB [76202..76986], petD [77856..78587], rpl16 [complement(82981..84101)], rpl2 [complement(86512..87173)], ndhB [complement(97505..98208)], trnI-GAU [104636..105577], ycf68 [104782..104812], trnA-UGC [105715..106515], ndhA [complement(122589..123639)], trnA-UGC [complement(136591..137391)], trnI-GAU [complement(137529..138470)], ycf68 [complement(138294..138324)], ndhB [144898..145601], rpl2 [155938..156599]
2878.	POCB	3	trnC-ACA [complement(51146..51180)], rps12 [139173..139198]	trnC-ACA [complement(51181..51768)]
2879.	POCE	71	rps12 [complement(99087..99112)], rps12 [complement(99655..99886)], rps12 [complement(70636..70749)], trnH [complement(156392)], trnH [complement(1..73)], trnK-UUU [complement(1662..1696)], trnK-UUU [complement(4200..4236)], rps16 [complement(5028..5257)], rps16 [complement(6137..6176)], trnG-UCC [8944..8966], trnG-UCC [9657..9704], rpoC1 [complement(20165..21775)], rpoC1 [complement(22532..22963)], ycf3 [complement(43190..43342)], ycf3 [complement(44098..44327)], ycf3 [complement(45032..45155)], trnL-UAA [48209..48245], trnL-UAA [48780..48827], trnV-UAC [complement(52266..52300)], trnV-UAC [complement(52899..52937)], rps12 [141986..142217], rps12 [142760..142785], clpP [complement(70961..71188)], clpP	trnK-UUU [complement(1697..4199)], rps16 [complement(5258..6136)], trnG-UCC [8967..9656], rpoC1 [complement(21776..22531)], ycf3 [complement(43343..44097)], ycf3 [complement(44328..45031)], trnL-UAA [48246..48779], trnV-UAC [complement(52301..52898)], clpP [complement(71189..71852)], clpP [complement(72145..72991)], petB [76009..76795], petD [77645..78359], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71853..72144)], clpP [complement(72992..73062)], petB [76003..76008], petB [76796..77443], petD [77636..77644], petD [78360..78833], rpl16 [complement(82385..82786)], rpl16 [complement(83765..83773)], rpl2 [complement(85542..85975)], rpl2 [complement(86657..87047)], ndhB [complement(96037..96792)], ndhB [complement(97469..98245)], trnI-GAU [103714..103750], trnI-GAU [104706..104740], trnA-UGC [104810..104847], trnA-UGC [105659..105693], ndhA [complement(121410..121949)], ndhA [complement(123199..123759)], trnA-UGC [complement(136179..136213)], trnA-UGC [complement(137025..137062)], trnI-GAU [complement(137132..137166)], trnI-GAU [complement(138122..138158)], ndhB [143627..144403], ndhB [145080..145835], rpl2 [154825..155215], rpl2 [155897..156330]	[complement(82787..83764)], rpl2 [complement(85976..86656)], ndhB [complement(96793..97468)], trnI-GAU [103751..104705], trnA-UGC [104848..105658], ndhA [complement(121950..123198)], trnA-UGC [complement(136214..137024)], trnI-GAU [complement(137167..138121)], ndhB [144404..145079], rpl2 [155216..155896]
2880.	POCM	2	rps12 [complement(72356..72469)], rps12 [144394..144419]	-
2881.	POCN	63	rps12 [complement(99414..99439)], rps12 [complement(99976..100207)], rps12 [complement(70486..70599)], trnK-UUU [complement(1682..1716)], trnK-UUU [complement(4275..4311)], trnG-UCC [7662..7683], trnG-UCC [8384..8434], atpF [complement(10507..10976)], atpF [complement(11639..11786)], rpoC1 [complement(19803..21419)], rpoC1 [complement(22220..22675)], ycf3 [complement(42885..43037)], ycf3 [complement(43754..43981)], ycf3 [complement(44704..44832)], trnL-UAA [47168..47203], trnL-UAA [47799..47847], trnV-UAC [complement(51974..52010)], trnV-UAC [complement(52614..52650)], rps12 [141847..142078], rps12 [142615..142640], clpP [complement(70797..71024)], clpP [complement(71654..71945)], clpP [complement(72733..72803)], petB [75795..75800], petB [76611..77252], rpl2 [complement(85656..86128)], rpl2 [complement(86755..87148)], ndhB [complement(96341..97096)], ndhB [complement(97686..98555)], trnI-GAU [104162..104198], trnI-GAU [105147..105181], trnA-UGC [105251..105288], trnA-UGC [106091..106125], ndhA [complement(121337..121882)], ndhA [complement(123005..123556)], trnA-UGC [complement(135929..135963)], trnA-UGC [complement(136766..136803)], trnI-GAU [complement(136873..136907)], trnI-GAU [complement(137856..137892)], ndhB [143499..144365], ndhB	trnK-UUU [complement(1717..4274)], trnG-UCC [7684..8383], atpF [complement(10977..11638)], rpoC1 [complement(21420..22219)], ycf3 [complement(43038..43753)], ycf3 [complement(43982..44703)], trnL-UAA [47204..47798], trnV-UAC [complement(52011..52613)], clpP [complement(71025..71653)], clpP [complement(71946..72732)], petB [75801..76610], rpl2 [complement(86129..86754)], ndhB [complement(97097..97685)], trnI-GAU [104199..105146], trnA-UGC [105289..106090], ndhA [complement(121883..123004)], trnA-UGC [complement(135964..136765)], trnI-GAU [complement(136908..137855)], ndhB [144366..144957], rpl2 [155297..155925]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144958..145713], rpl2 [154906..155296], rpl2 [155926..156398]	
2882.	POCO	73	rps12 [complement(103954..103983)], rps12 [complement(104515..104751)], rps12 [complement(75283..75393)], trnK-UUU [complement(1459..1493)], trnK-UUU [complement(4121..4157)], rps16 [complement(4953..5164)], rps16 [complement(5995..6034)], trnG-UCC [10317..10339], trnG-UCC [11041..11088], atpF [complement(13059..13468)], atpF [complement(14263..14407)], rpoC1 [complement(23400..25020)], rpoC1 [complement(25773..26200)], ycf3 [complement(46093..46245)], ycf3 [complement(46974..47202)], ycf3 [complement(47948..48072)], trnL-UAA [51545..51579], trnL-UAA [52217..52266], trnV [complement(56003..56039)], trnV [complement(56612..56649)], rps12 [complement(75280..75393)], rps12 [147432..147660], rps12 [148200..148225], clpP [complement(75522..75773)], clpP [complement(76418..76709)], clpP [complement(77552..77622)], petB [80528..80533], petB [81297..81944], petD [82147..82154], petD [82925..83408], rpl16 [complement(86822..87220)], rpl16 [complement(88237..88245)], rpl2 [complement(90239..90670)], rpl2 [complement(91340..91741)], ndhB [complement(100899..101654)], ndhB [complement(102360..103136)], trnI-GAU [108750..108791], trnI-GAU [109731..109765], trnA-UGC [109830..109867], trnA-UGC [110668..110702], ndhA [complement(127005..127534)], ndhA [complement(128626..129178)], trnA-UGC [complement(141481..141515)], trnA-UGC [complement(142316..142353)], trnI-GAU [complement(142418..142452)], trnI-GAU [complement(143392..143433)], ndhB [149047..149823], ndhB [150529..151284], rpl2 [160442..160843], rpl2 [161513..161944]	trnK-UUU [complement(1494..4120)], rps16 [complement(5165..5994)], trnG-UCC [10340..11040], atpF [complement(13469..14262)], rpoC1 [complement(25021..25772)], ycf3 [complement(46246..46973)], ycf3 [complement(47203..47947)], trnL-UAA [51580..52216], trnV [complement(56040..56611)], clpP [complement(75774..76417)], clpP [complement(76710..77551)], petB [80534..81296], petD [82155..82924], rpl16 [complement(87221..88236)], rpl2 [complement(90671..91339)], ndhB [complement(101655..102359)], trnI-GAU [108792..109730], trnA-UGC [109868..110667], ndhA [complement(127535..128625)], trnA-UGC [complement(141516..142315)], trnI-GAU [complement(142453..143391)], ndhB [149824..150528], rpl2 [160844..161512]
2883.	POCT	63	rps12 [complement(99175..99200)], rps12 [complement(99737..99968)], rps12 [complement(70212..70325)], trnK-UUU [complement(1673..1707)], trnK-UUU [complement(4240..4276)], trnG-UCC [7599..7620], trnG-UCC [8320..8370], atpF [complement(10371..10840)], atpF [complement(11488..11635)], rpoC1 [complement(19657..21273)], rpoC1 [complement(22050..22505)], ycf3 [complement(42634..42786)], ycf3 [complement(43501..43728)], ycf3 [complement(44450..44578)], trnL-UAA	trnK-UUU [complement(1708..4239)], trnG-UCC [7621..8319], atpF [complement(10841..11487)], rpoC1 [complement(21274..22049)], ycf3 [complement(42787..43500)], ycf3 [complement(43729..44449)], trnL-UAA [46892..47483], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[46856..46891], trnL-UAA [47484..47532], trnV-UAC [complement(51581..51617)], trnV-UAC [complement(52221..52257)], rps12 [141673..141904], rps12 [142441..142466], clpP [complement(70511..70738)], clpP [complement(71367..71658)], clpP [complement(72456..72526)], petB [75511..75516], petB [76329..76970], rpl2 [complement(85411..85883)], rpl2 [complement(86510..86903)], ndhB [complement(96103..96858)], ndhB [complement(97448..98317)], trnI-GAU [103887..103923], trnI-GAU [104872..104906], trnA-UGC [104971..105008], trnA-UGC [105817..105851], ndhA [complement(121117..121662)], ndhA [complement(122804..123355)], trnA-UGC [complement(135790..135824)], trnA-UGC [complement(136633..136670)], trnI-GAU [complement(136735..136769)], trnI-GAU [complement(137718..137754)], ndhB [143324..144190], ndhB [144783..145538], rpl2 [154738..155128], rpl2 [155758..156230]	[complement(51618..52220)], clpP [complement(70739..71366)], clpP [complement(71659..72455)], petB [75517..76328], rpl2 [complement(85884..86509)], ndhB [complement(96859..97447)], trnI-GAU [103924..104871], trnA-UGC [105009..105816], ndhA [complement(121663..122803)], trnA-UGC [complement(135825..136632)], trnI-GAU [complement(136770..137717)], ndhB [144191..144782], rpl2 [155129..155757]
2884.	POCY	41	rps12 [complement(67717..67842)], trnK-UUU [complement(1372..1406)], trnK-UUU [complement(4056..4092)], trnG-UCC [8351..8374], trnG-UCC [9072..9119], trnL-UAA [45341..45375], trnL-UAA [45914..45963], trnV-UAC [complement(49418..49452)], trnV-UAC [complement(50052..50090)], rps12 [139519..139544], trnI-GAU [101293..101329], trnI-GAU [102272..102306], trnA-UGC [102371..102408], trnA-UGC [103233..103267], trnA-UGC [complement(132780..132814)], trnA-UGC [complement(133639..133677)], trnI-GAU [complement(133741..133775)], trnI-GAU [complement(134718..134754)]	trnK-UUU [complement(1407..4055)], rps16 [complement(5063..5953)], trnG-UCC [8375..9071], atpF [complement(11468..12255)], rpoC1 [complement(21931..22684)], ycf3 [complement(40788..41515)], ycf3 [complement(41744..42477)], trnL-UAA [45376..45913], trnV-UAC [complement(49453..50051)], clpP [complement(68410..69010)], clpP [complement(69303..70109)], petB [73150..73955], petD [74820..75578], rpl16 [complement(79967..80976)], rpl2 [complement(83381..84049)], ndhB [complement(94186..94879)], trnI-GAU [101330..102271], trnA-UGC [102409..103232], ndhA [complement(118945..119948)], trnA-UGC [complement(132815..133638)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(133776..134717)], ndhB [141168..141861], rpl2 [151995..152666]
2885.	PODA	63	rps12 [complement(98412..98437)], rps12 [complement(98974..99205)], rps12 [complement(69503..69616)], trnK-UUU [complement(1686..1720)], trnK-UUU [complement(4307..4343)], trnG-UCC [7665..7686], trnG-UCC [8384..8434], atpF [complement(10464..10933)], atpF [complement(11598..11745)], rpoC1 [complement(19699..21315)], rpoC1 [complement(22108..22563)], ycf3 [complement(42199..42351)], ycf3 [complement(43097..43324)], ycf3 [complement(44055..44183)], trnL-UAA [46403..46438], trnL-UAA [47036..47084], trnV-UAC [complement(51203..51239)], trnV-UAC [complement(51843..51879)], rps12 [140776..141007], rps12 [141544..141569], clpP [complement(69809..70036)], clpP [complement(70665..70956)], clpP [complement(71754..71824)], petB [74842..74847], petB [75652..76293], rpl2 [complement(84668..85140)], rpl2 [complement(85767..86160)], ndhB [complement(95346..96101)], ndhB [complement(96691..97560)], trnI-GAU [103134..103170], trnI-GAU [104119..104153], trnA-UGC [104213..104250], trnA-UGC [105053..105087], ndhA [complement(120338..120883)], ndhA [complement(121962..122513)], trnA-UGC [complement(134894..134928)], trnA-UGC [complement(135731..135768)], trnI-GAU [complement(135828..135862)], trnI-GAU [complement(136811..136847)], ndhB [142421..143287], ndhB [143880..144635], rpl2 [153821..154211], rpl2 [154841..155313]	trnK-UUU [complement(1721..4306)], trnG-UCC [7687..8383], atpF [complement(10934..11597)], rpoC1 [complement(21316..22107)], ycf3 [complement(42352..43096)], ycf3 [complement(43325..44054)], trnL-UAA [46439..47035], trnV-UAC [complement(51240..51842)], clpP [complement(70037..70664)], clpP [complement(70957..71753)], petB [74848..75651], rpl2 [complement(85141..85766)], ndhB [complement(96102..96690)], trnI-GAU [103171..104118], trnA-UGC [104251..105052], ndhA [complement(120884..121961)], trnA-UGC [complement(134929..135730)], trnI-GAU [complement(135863..136810)], ndhB [143288..143879], rpl2 [154212..154840]
2886.	PODE	63	rps12 [complement(99414..99439)], rps12 [complement(99976..100207)], rps12 [complement(70486..70599)], trnK-UUU [complement(1682..1716)], trnK-UUU [complement(4275..4311)], trnG-UCC [7662..7683], trnG-UCC [8384..8434], atpF [complement(10507..10976)], atpF [complement(11639..11786)], rpoC1 [complement(19803..21419)], rpoC1 [complement(22220..22675)], ycf3 [complement(42885..43037)], ycf3 [complement(43754..43981)], ycf3 [complement(44704..44832)], trnL-UAA [47168..47203], trnL-UAA [47799..47847], trnV-UAC [complement(51974..52010)], trnV-UAC [complement(52614..52650)], rps12 [141847..142078], rps12 [142615..142640], clpP [complement(70797..71024)],	trnK-UUU [complement(1717..4274)], trnG-UCC [7684..8383], atpF [complement(10977..11638)], rpoC1 [complement(21420..22219)], ycf3 [complement(43038..43753)], ycf3 [complement(43982..44703)], trnL-UAA [47204..47798], trnV-UAC [complement(52011..52613)], clpP [complement(71025..71653)], clpP [complement(71946..72732)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(71654..71945)], clpP [complement(72733..72803)], petB [75795..75800], petB [76611..77252], rpl2 [complement(85656..86128)], rpl2 [complement(86755..87148)], ndhB [complement(96341..97096)], ndhB [complement(97686..98555)], trnI-GAU [104162..104198], trnI-GAU [105147..105181], trnA-UGC [105251..105288], trnA-UGC [106091..106125], ndhA [complement(121337..121882)], ndhA [complement(123005..123556)], trnA-UGC [complement(135929..135963)], trnA-UGC [complement(136766..136803)], trnI-GAU [complement(136873..136907)], trnI-GAU [complement(137856..137892)], ndhB [143499..144365], ndhB [144958..145713], rpl2 [154906..155296], rpl2 [155926..156398]</p>	<p>[75801..76610], rpl2 [complement(86129..86754)], ndhB [complement(97097..97685)], trnI-GAU [104199..105146], trnA-UGC [105289..106090], ndhA [complement(121883..123004)], trnA-UGC [complement(135964..136765)], trnI-GAU [complement(136908..137855)], ndhB [144366..144957], rpl2 [155297..155925]</p>
2887.	PODI	23	<p>trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3918..3955)], rps12 [130919..130947]</p>	<p>trnK-UUU [complement(1416..3917)], rps16 [complement(4733..5569)], trnG-UCC [complement(13627..14318)], atpF [35627..36458], ycf3 [complement(44785..45514)], ycf3 [complement(45743..46469)], trnL-UAA [49390..49765], trnV-UAC [complement(53496..54097)], petB [73565..74311], petD [75155..75894], rpl16 [complement(80331..81407)], rpl2 [complement(83815..84477)], ndhB [complement(90442..91145)], trnI-GAU [97478..98414], trnA-UGC [98553..99362], ndhA [complement(115363..116389)], trnA-UGC [complement(124336..125145)], trnI-GAU [complement(125284..126220)], ndhB [132553..133256], rpl2 [139221..139883]</p>
2888.	PODL	72	<p>rps12 [complement(99524..99549)], rps12 [complement(100086..100317)], rps12 [complement(71610..71723)], trnK-UUU [complement(1739..1773)], trnK-UUU [complement(4255..4291)], rps16 [complement(5057..5281)], rps16 [complement(6140..6178)], trnG [9801..9823], trnG [10519..10566], atpF [complement(12580..12987)], atpF [complement(13692..13850)], rpoC1</p>	<p>trnK-UUU [complement(1774..4254)], rps16 [complement(5282..6139)], trnG [9824..10518], atpF [complement(12988..13691)], rpoC1 [complement(23021..23779)], ycf3</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21395..23020)], rpoC1 [complement(23780..24214)], ycf3 [complement(44090..44242)], ycf3 [complement(44971..45198)], ycf3 [complement(45920..46045)], trnL-UAA [48999..49035], trnL-UAA [49558..49607], trnV-UAC [complement(52755..52791)], trnV-UAC [complement(53378..53416)], rps12 [141998..142229], rps12 [142766..142791], clpP [complement(71873..72157)], clpP [complement(72697..72987)], clpP [complement(73784..73852)], petB [76760..76765], petB [77528..78184], petD [78373..78381], petD [79078..79602], rpl16 [complement(83070..83471)], rpl16 [complement(84487..84495)], rpl2 [complement(86129..86563)], rpl2 [complement(87231..87623)], ndhB [complement(96466..97221)], ndhB [complement(97901..98677)], trnI-GAU [104243..104284], trnI-GAU [105231..105265], trnA-UGC [105330..105367], trnA-UGC [106180..106214], ndhA [complement(121652..122191)], ndhA [complement(123275..123826)], trnA-UGC [complement(136101..136135)], trnA-UGC [complement(136948..136985)], trnI-GAU [complement(137050..137084)], trnI-GAU [complement(138031..138072)], ndhB [143638..144414], ndhB [145094..145849], rpl2 [154692..155081], rpl2 [155752..156186]	[complement(44243..44970)], ycf3 [complement(45199..45919)], trnL-UAA [49036..49557], trnV-UAC [complement(52792..53377)], clpP [complement(72158..72696)], clpP [complement(72988..73783)], petB [76766..77527], petD [78382..79077], rpl16 [complement(83472..84486)], rpl2 [complement(86564..87230)], ndhB [complement(97222..97900)], trnI-GAU [104285..105230], trnA-UGC [105368..106179], ndhA [complement(122192..123274)], trnA-UGC [complement(136136..136947)], trnI-GAU [complement(137085..138030)], ndhB [144415..145093], rpl2 [155082..155751]
2889.	POEU	48	rps12 [complement(99203..99229)], rps12 [complement(99766..99996)], rps12 [complement(70288..70401)], trnK-UUU [complement(1681..1709)], trnK-UUU [complement(4266..4302)], rpoC1 [complement(19696..21321)], ycf3 [complement(42586..42738)], trnL-UAA [46913..46949], trnL-UAA [47547..47596], trnV-UAC [complement(51692..51728)], trnV-UAC [complement(52330..52368)], rps12 [141658..141888], rps12 [142425..142451], clpP [complement(70589..70816)], rpl16 [complement(82107..82507)], rpl16 [complement(83624..83633)], rpl2 [complement(85445..85915)], ndhB [complement(96130..96885)], trnI-GAU [103936..103977], trnI-GAU [104921..104955], trnA-UGC [105025..105062], trnA-UGC [105865..105899], ndhA [complement(121154..121699)], trnA-UGC [complement(135757..135791)], trnA-UGC [complement(136594..136631)], trnI-GAU [complement(136701..136735)], trnI-GAU [complement(137679..137720)], ndhB [144769..145524], rpl2	trnK-UUU [complement(1710..4265)], atpF [complement(10894..11525)], rpoC1 [complement(21322..22089)], ycf3 [complement(42739..43526)], ycf3 [complement(43755..44475)], trnL-UAA [46950..47546], trnV-UAC [complement(51729..52329)], clpP [complement(70817..71442)], clpP [complement(71734..72549)], rpl16 [complement(82508..83623)], rpl2 [complement(85916..86544)], ndhB [complement(96886..97567)], trnI-GAU [103978..104920], trnA-UGC [105063..105864], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[155739..156209]	[complement(121700..122822)], trnA-UGC [complement(135792..136593)], trnI-GAU [complement(136736..137678)], ndhB [144087..144768], rpl2 [155110..155738]
2890.	POFE	71	rps12 [complement(99349..99374)], rps12 [complement(99922..100153)], rps12 [complement(70906..71019)], trnH [complement(156381)], trnH [complement(1..73)], trnK-UUU [complement(1742..1776)], trnK-UUU [complement(4280..4316)], rps16 [complement(5136..5365)], rps16 [complement(6248..6287)], trnG-UCC [9004..9026], trnG-UCC [9712..9759], rpoC1 [complement(20361..21971)], rpoC1 [complement(22740..23171)], ycf3 [complement(43472..43624)], ycf3 [complement(44402..44631)], ycf3 [complement(45332..45455)], trnL-UAA [48575..48611], trnL-UAA [49127..49174], trnV-UAC [complement(52578..52612)], trnV-UAC [complement(53214..53252)], rps12 [141953..142184], rps12 [142732..142757], clpP [complement(71224..71451)], clpP [complement(72099..72390)], clpP [complement(73266..73336)], petB [76286..76291], petB [77066..77713], petD [77911..77919], petD [78630..79103], rpl16 [complement(82617..83018)], rpl16 [complement(84025..84033)], rpl2 [complement(85787..86220)], rpl2 [complement(86920..87310)], ndhB [complement(96299..97054)], ndhB [complement(97731..98507)], trnI-GAU [103961..103997], trnI-GAU [104953..104987], trnA-UGC [105052..105089], trnA-UGC [105901..105935], ndhA [complement(121464..122003)], ndhA [complement(123236..123796)], trnA-UGC [complement(136171..136205)], trnA-UGC [complement(137017..137054)], trnI-GAU [complement(137119..137153)], trnI-GAU [complement(138109..138145)], ndhB [143599..144375], ndhB [145052..145807], rpl2 [154796..155186], rpl2 [155886..156319]	trnK-UUU [complement(1777..4279)], rps16 [complement(5366..6247)], trnG-UCC [9027..9711], rpoC1 [complement(21972..22739)], ycf3 [complement(43625..44401)], ycf3 [complement(44632..45331)], trnL-UAA [48612..49126], trnV-UAC [complement(52613..53213)], clpP [complement(71452..72098)], clpP [complement(72391..73265)], petB [76292..77065], petD [77920..78629], rpl16 [complement(83019..84024)], rpl2 [complement(86221..86919)], ndhB [complement(97055..97730)], trnI-GAU [103998..104952], trnA-UGC [105090..105900], ndhA [complement(122004..123235)], trnA-UGC [complement(136206..137016)], trnI-GAU [complement(137154..138108)], ndhB [144376..145051], rpl2 [155187..155885]
2891.	POFR	67	trnK [complement(1679..1713)], trnK [complement(4272..4308)], trnG [7673..7695], trnG [8398..8445], atpF [complement(10480..10890)], atpF [complement(11615..11758)], rpoC1 [complement(19790..21406)], rpoC1 [complement(22205..22657)], ycf3 [complement(42887..43039)], ycf3 [complement(43756..43983)], ycf3 [complement(44709..44834)], trnL	trnK [complement(1714..4271)], trnG [7696..8397], atpF [complement(10891..11614)], rpoC1 [complement(21407..22204)], ycf3 [complement(43040..43755)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47195..47229], trnL [47825..47874], trnV [complement(52009..52043)], trnV [complement(52647..52685)], rps12 [complement(70850..70963)], rps12 [142336..142566], rps12 [143103..143129], clpP [complement(71161..71388)], clpP [complement(72019..72310)], clpP [complement(73098..73168)], petB [76153..76158], petB [76969..77610], petD [77838..77846], petD [78644..79132], rpl16 [complement(82631..83029)], rpl16 [complement(84167..84175)], rpl2 [complement(86014..86448)], rpl2 [complement(87117..87506)], ndhB [complement(96699..97454)], ndhB [complement(98137..98913)], trnI [104532..104568], trnI [105519..105553], trnA [105620..105657], trnA [106463..106497], ndhA [complement(121883..122428)], ndhA [complement(123504..124055)], trnA [complement(136429..136463)], trnA [complement(137266..137303)], trnI [complement(137373..137407)], trnI [complement(138356..138392)], ndhB [143988..144764], ndhB [145447..146202], rpl2 [155395..155784], rpl2 [156453..156887]	[complement(43984..44708)], trnL [47230..47824], trnV [complement(52044..52646)], clpP [complement(71389..72018)], clpP [complement(72311..73097)], petB [76159..76968], petD [77847..78643], rpl16 [complement(83030..84166)], rpl2 [complement(86449..87116)], ndhB [complement(97455..98136)], trnI [104569..105518], trnA [105658..106462], ndhA [complement(122429..123503)], trnA [complement(136464..137265)], trnI [complement(137408..138355)], ndhB [144765..145446], rpl2 [155785..156452]
2892.	POFU	64	rps12 [complement(89381..89409)], rps12 [complement(89950..90181)], rps12 [complement(67351..67464)], trnK-UUU [complement(1387..1421)], trnK-UUU [complement(3904..3940)], rps16 [complement(4513..4709)], rps16 [complement(5571..5610)], trnG-UCC [complement(12854..12901)], trnG-UCC [complement(13579..13601)], atpF [32591..32735], atpF [33571..33977], ycf3 [complement(41751..41911)], ycf3 [complement(42640..42865)], ycf3 [complement(43620..43745)], trnL [46465..46499], trnL [46919..46968], trnV-UAC [complement(50550..50586)], trnV-UAC [complement(51183..51221)], rps12 [126999..127230], rps12 [127771..127799], petB [71248..71253], petB [72015..72656], petD [72844..72851], petD [73593..74067], rpl16 [complement(77640..78041)], rpl16 [complement(79109..79117)], rpl2 [complement(81119..81549)], rpl2 [complement(82213..82603)], ndhB [complement(86313..87068)], ndhB [complement(87781..88557)], trnI-GAU [94052..94088], trnI-GAU [94894..94928], trnA-UGC [94994..95031], trnA-UGC [95843..95877], ndhA [complement(111834..112372)], ndhA [complement(113411..113960)], trnA-UGC [complement(121303..121337)], trnA-UGC [complement(122149..122186)], trnI-GAU	trnK-UUU [complement(1422..3903)], rps16 [complement(4710..5570)], trnG-UCC [complement(12902..13578)], atpF [32736..33570], ycf3 [complement(41912..42639)], ycf3 [complement(42866..43619)], trnL [46500..46918], trnV-UAC [complement(50587..51182)], petB [71254..72014], petD [72852..73592], rpl16 [complement(78042..79108)], rpl2 [complement(81550..82212)], ndhB [complement(87069..87780)], trnI-GAU [94089..94893], trnA-UGC [95032..95842], ndhA [complement(112373..113410)], trnA-UGC [complement(121338..122148)], trnI-GAU [complement(122287..123091)], ndhB [129400..130111], rpl2 [134968..135630]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(122252..122286)], trnI-GAU [complement(123092..123128)], ndhB [128623..129399], ndhB [130112..130867], rpl2 [134577..134967], rpl2 [135631..136061]	
2893.	POGO	63	rps12 [complement(99062..99087)], rps12 [complement(99624..99855)], rps12 [complement(70196..70309)], trnK-UUU [complement(1672..1706)], trnK-UUU [complement(4250..4286)], trnG-UCC [7620..7641], trnG-UCC [8341..8391], atpF [complement(10404..10873)], atpF [complement(11523..11670)], rpoC1 [complement(19662..21278)], rpoC1 [complement(22070..22525)], ycf3 [complement(42522..42674)], ycf3 [complement(43411..43638)], ycf3 [complement(44360..44488)], trnL-UAA [46796..46831], trnL-UAA [47426..47474], trnV-UAC [complement(51584..51620)], trnV-UAC [complement(52229..52265)], rps12 [141425..141656], rps12 [142193..142218], clpP [complement(70495..70722)], clpP [complement(71350..71641)], clpP [complement(72438..72508)], petB [75518..75523], petB [76328..76969], rpl2 [complement(85371..85843)], rpl2 [complement(86470..86863)], ndhB [complement(95990..96745)], ndhB [complement(97335..98204)], trnI-GAU [103778..103814], trnI-GAU [104763..104797], trnA-UGC [104862..104899], trnA-UGC [105702..105736], ndhA [complement(120920..121465)], ndhA [complement(122580..123131)], trnA-UGC [complement(135544..135578)], trnA-UGC [complement(136381..136418)], trnI-GAU [complement(136483..136517)], trnI-GAU [complement(137466..137502)], ndhB [143076..143942], ndhB [144535..145290], rpl2 [154417..154807], rpl2 [155437..155909]	trnK-UUU [complement(1707..4249)], trnG-UCC [7642..8340], atpF [complement(10874..11522)], rpoC1 [complement(21279..22069)], ycf3 [complement(42675..43410)], ycf3 [complement(43639..44359)], trnL-UAA [46832..47425], trnV-UAC [complement(51621..52228)], clpP [complement(70723..71349)], clpP [complement(71642..72437)], petB [75524..76327], rpl2 [complement(85844..86469)], ndhB [complement(96746..97334)], trnI-GAU [103815..104762], trnA-UGC [104900..105701], ndhA [complement(121466..122579)], trnA-UGC [complement(135579..136380)], trnI-GAU [complement(136518..137465)], ndhB [143943..144534], rpl2 [154808..155436]
2894.	POGR	64	rps12 [complement(97690..97715)], rps12 [complement(98249..98480)], rps12 [complement(72500..72613)], trnH-GUG [complement(156126..156129)], trnH-GUG [complement(1..70)], trnK-UUU [complement(1624..1658)], trnK-UUU [complement(4143..4179)], rps16 [complement(4740..4941)], rps16 [complement(5841..5881)], trnG-UCC [8621..8643], trnG-UCC [9338..9385], atpF [complement(11340..11749)], atpF [complement(12532..12676)], rpoC1 [complement(20268..21878)], rpoC1 [complement(22672..23103)], ycf3 [complement(42425..42577)], ycf3 [complement(43359..43586)], ycf3 [complement(44411..44536)], trnL-UAA	trnH-GUG [complement(156130..0)], trnK-UUU [complement(1659..4142)], rps16 [complement(4942..5840)], trnG-UCC [8644..9337], atpF [complement(11750..12531)], rpoC1 [complement(21879..22671)], ycf3 [complement(42578..43358)], ycf3 [complement(43587..44410)], trnL-UAA [48455..49060], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48418..48454], trnL-UAA [49061..49110], trnV-UAC [complement(53113..53147)], trnV-UAC [complement(53734..53771)], rps12 [144730..144961], rps12 [145495..145520], petB [76313..76318], petB [77036..77677], petD [77902..77909], petD [78697..79171], rpl16 [complement(82609..83007)], rpl16 [complement(84178..84186)], ndhB [complement(94651..95406)], ndhB [complement(96079..96855)], trnI-GAU [102092..102128], trnI-GAU [103075..103109], trnA-UGC [103180..103217], trnA-UGC [104036..104070], ndhA [complement(124451..124986)], ndhA [complement(126083..126635)], trnA-UGC [complement(139140..139174)], trnA-UGC [complement(139993..140030)], trnI-GAU [complement(140101..140135)], trnI-GAU [complement(141082..141118)], ndhB [146355..147131], ndhB [147804..148559]	[complement(53148..53733)], petB [76319..77035], petD [77910..78696], rpl16 [complement(83008..84177)], ndhB [complement(95407..96078)], trnI-GAU [102129..103074], trnA-UGC [103218..104035], ndhA [complement(124987..126082)], trnA-UGC [complement(139175..139992)], trnI-GAU [complement(140136..141081)], ndhB [147132..147803]
2895.	POHA	72	rps12 [complement(99772..99797)], rps12 [complement(100334..100565)], rps12 [complement(71855..71968)], trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4256..4292)], rps16 [complement(5059..5283)], rps16 [complement(6141..6179)], trnG [9806..9828], trnG [10524..10571], atpF [complement(12586..12993)], atpF [complement(13698..13856)], rpoC1 [complement(21400..23025)], rpoC1 [complement(23758..24192)], ycf3 [complement(44036..44188)], ycf3 [complement(44926..45153)], ycf3 [complement(45874..45999)], trnL-UAA [49274..49310], trnL-UAA [49833..49882], trnV-UAC [complement(53020..53056)], trnV-UAC [complement(53643..53681)], rps12 [142431..142662], rps12 [143199..143224], clpP [complement(72118..72402)], clpP [complement(72941..73231)], clpP [complement(74028..74096)], petB [77004..77009], petB [77772..78428], petD [78617..78625], petD [79322..79846], rpl16 [complement(83318..83719)], rpl16 [complement(84735..84743)], rpl2 [complement(86377..86811)], rpl2 [complement(87479..87871)], ndhB [complement(96714..97469)], ndhB [complement(98149..98925)], trnI-GAU [104495..104536], trnI-GAU [105483..105517], trnA-UGC [105582..105619], trnA-UGC [106432..106466], ndhA [complement(121980..122519)], ndhA [complement(123615..124166)], trnA-UGC [complement(136530..136564)], trnA-UGC	trnK-UUU [complement(1775..4255)], rps16 [complement(5284..6140)], trnG [9829..10523], atpF [complement(12994..13697)], rpoC1 [complement(23026..23757)], ycf3 [complement(44189..44925)], ycf3 [complement(45154..45873)], trnL-UAA [49311..49832], trnV-UAC [complement(53057..53642)], clpP [complement(72403..72940)], clpP [complement(73232..74027)], petB [77010..77771], petD [78626..79321], rpl16 [complement(83720..84734)], rpl2 [complement(86812..87478)], ndhB [complement(97470..98148)], trnI-GAU [104537..105482], trnA-UGC [105620..106431], ndhA [complement(122520..123614)], trnA-UGC [complement(136565..137376)], trnI-GAU [complement(137514..138459)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137377..137414)], trnI-GAU [complement(137479..137513)], trnI-GAU [complement(138460..138501)], ndhB [144071..144847], ndhB [145527..146282], rpl2 [155125..155514], rpl2 [156185..156619]	[144848..145526], rpl2 [155515..156184]
2896.	POHE	69	rps12 [complement(99170..99195)], rps12 [complement(99738..99969)], rps12 [complement(70718..70831)], trnK-UUU [complement(1877..1911)], trnK-UUU [complement(4415..4451)], rps16 [complement(5248..5475)], rps16 [complement(6335..6373)], trnG-GCC [9019..9041], trnG-GCC [9732..9779], rpoC1 [complement(20313..21941)], rpoC1 [complement(22682..23116)], ycf3 [complement(43406..43558)], ycf3 [complement(44353..44580)], ycf3 [complement(45281..45406)], trnL-UAA [48502..48538], trnL-UAA [49067..49116], trnV-UAC [complement(52548..52584)], trnV-UAC [complement(53181..53219)], rps12 [141929..142160], rps12 [142703..142728], clpP [complement(70989..71214)], clpP [complement(71864..72156)], clpP [complement(72995..73063)], petB [76007..76012], petB [76790..77446], petD [77639..77647], petD [78381..78854], rpl16 [complement(82425..82826)], rpl16 [complement(83822..83830)], rpl2 [complement(85604..86038)], rpl2 [complement(86717..87109)], ndhB [complement(96120..96875)], ndhB [complement(97552..98328)], trnI-GAU [103778..103812], trnI-GAU [104763..104797], trnA-UGC [104862..104899], trnA-UGC [105712..105746], ndhA [complement(121419..121958)], ndhA [complement(123231..123791)], trnA-UGC [complement(136152..136186)], trnA-UGC [complement(136999..137036)], trnI-GAU [complement(137101..137135)], trnI-GAU [complement(138086..138120)], ndhB [143570..144346], ndhB [145023..145778], rpl2 [154789..155181], rpl2 [155860..156294]	trnK-UUU [complement(1912..4414)], rps16 [complement(5476..6334)], trnG-GCC [9042..9731], rpoC1 [complement(21942..22681)], ycf3 [complement(43559..44352)], ycf3 [complement(44581..45280)], trnL-UAA [48539..49066], trnV-UAC [complement(52585..53180)], clpP [complement(71215..71863)], clpP [complement(72157..72994)], petB [76013..76789], petD [77648..78380], rpl16 [complement(82827..83821)], rpl2 [complement(86039..86716)], ndhB [complement(96876..97551)], trnI-GAU [103813..104762], trnA-UGC [104900..105711], ndhA [complement(121959..123230)], trnA-UGC [complement(136187..136998)], trnI-GAU [complement(137136..138085)], ndhB [144347..145022], rpl2 [155182..155859]
2897.	POHO	63	rps12 [complement(99099..99124)], rps12 [complement(99661..99892)], rps12 [complement(70192..70305)], trnK-UUU [complement(1674..1708)], trnK-UUU [complement(4277..4313)], trnG-UCC [7680..7701], trnG-UCC [8399..8449], atpF [complement(10473..10942)], atpF [complement(11605..11752)], rpoC1 [complement(19797..21413)], rpoC1 [complement(22169..22624)], ycf3 [complement(42487..42639)], ycf3 [complement(43411..43638)], ycf3 [complement(44360..44488)], trnL-UAA	trnK-UUU [complement(1709..4276)], trnG-UCC [7702..8398], atpF [complement(10943..11604)], rpoC1 [complement(21414..22168)], ycf3 [complement(42640..43410)], ycf3 [complement(43639..44359)], trnL-UAA [46834..47451], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[46798..46833], trnL-UAA [47452..47500], trnV-UAC [complement(51592..51628)], trnV-UAC [complement(52232..52268)], rps12 [141420..141651], rps12 [142188..142213], clpP [complement(70497..70724)], clpP [complement(71358..71649)], clpP [complement(72444..72514)], petB [75516..75521], petB [76326..76967], rpl2 [complement(85347..85819)], rpl2 [complement(86446..86839)], ndhB [complement(96032..96787)], ndhB [complement(97377..98246)], trnI-GAU [103820..103856], trnI-GAU [104805..104839], trnA-UGC [104909..104946], trnA-UGC [105754..105788], ndhA [complement(120984..121529)], ndhA [complement(122593..123144)], trnA-UGC [complement(135524..135558)], trnA-UGC [complement(136366..136403)], trnI-GAU [complement(136473..136507)], trnI-GAU [complement(137456..137492)], ndhB [143066..143932], ndhB [144525..145280], rpl2 [154473..154863], rpl2 [155493..155965]	[complement(51629..52231)], clpP [complement(70725..71357)], clpP [complement(71650..72443)], petB [75522..76325], rpl2 [complement(85820..86445)], ndhB [complement(96788..97376)], trnI-GAU [103857..104804], trnA-UGC [104947..105753], ndhA [complement(121530..122592)], trnA-UGC [complement(135559..136365)], trnI-GAU [complement(136508..137455)], ndhB [143933..144524], rpl2 [154864..155492]
2898.	POHP	63	rps12 [complement(98995..99020)], rps12 [complement(99557..99788)], rps12 [complement(70087..70200)], trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4338..4374)], trnG-UCC [7728..7749], trnG-UCC [8448..8498], atpF [complement(10545..11014)], atpF [complement(11681..11828)], rpoC1 [complement(19845..21461)], rpoC1 [complement(22255..22710)], ycf3 [complement(42449..42601)], ycf3 [complement(43326..43553)], ycf3 [complement(44290..44418)], trnL-UAA [46742..46777], trnL-UAA [47378..47426], trnV-UAC [complement(51542..51578)], trnV-UAC [complement(52182..52218)], rps12 [140262..140493], rps12 [141030..141055], clpP [complement(70393..70620)], clpP [complement(71253..71544)], clpP [complement(72336..72406)], petB [75424..75429], petB [76234..76875], rpl2 [complement(85242..85703)], rpl2 [complement(86346..86735)], ndhB [complement(95928..96683)], ndhB [complement(97273..98142)], trnI-GAU [103717..103753], trnI-GAU [104702..104736], trnA-UGC [104796..104833], trnA-UGC [105636..105670], ndhA [complement(119804..120349)], ndhA [complement(121424..121975)], trnA-UGC [complement(134380..134414)], trnA-UGC [complement(135217..135254)], trnI-GAU [complement(135314..135348)], trnI-GAU [complement(136297..136333)], ndhB [141908..142774], ndhB	trnK-UUU [complement(1738..4337)], trnG-UCC [7750..8447], atpF [complement(11015..11680)], rpoC1 [complement(21462..22254)], ycf3 [complement(42602..43325)], ycf3 [complement(43554..44289)], trnL-UAA [46778..47377], trnV-UAC [complement(51579..52181)], clpP [complement(70621..71252)], clpP [complement(71545..72335)], petB [75430..76233], rpl2 [complement(85704..86345)], ndhB [complement(96684..97272)], trnI-GAU [103754..104701], trnA-UGC [104834..105635], ndhA [complement(120350..121423)], trnA-UGC [complement(134415..135216)], trnI-GAU [complement(135349..136296)], ndhB [142775..143366], rpl2 [153705..154346]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143367..144122], rpl2 [153315..153704], rpl2 [154347..154808]	
2899.	POIL	61	<p>rps12 [complement(100306..100332)], rps12 [complement(100869..101099)], rps12 [complement(71199..71312)], trnK-UUU [complement(1684..1712)], trnK-UUU [complement(4271..4307)], atpF [complement(10584..11072)], atpF [complement(11705..11863)], rpoC1 [complement(20004..21629)], rpoC1 [complement(22411..22845)], ycf3 [complement(43228..43380)], ycf3 [complement(44131..44358)], ycf3 [complement(45080..45208)], trnL-UAA [47530..47566], trnL-UAA [48147..48196], trnV-UAC [complement(52402..52438)], trnV-UAC [complement(53040..53078)], rps12 [complement(71199..71312)], rps12 [142843..143073], rps12 [143616..143642], clpP [complement(71527..71754)], clpP [complement(72384..72674)], clpP [complement(73507..73575)], rpl16 [complement(83129..83529)], rpl16 [complement(84663..84672)], rpl2 [complement(86505..86975)], rpl2 [complement(87605..87997)], ndhB [complement(97228..97983)], ndhB [complement(98666..99442)], trnI-GAU [105065..105106], trnI-GAU [106050..106084], trnA-UGC [106154..106191], trnA-UGC [106994..107028], ndhA [complement(122296..122841)], ndhA [complement(123923..124474)], trnA-UGC [complement(136914..136948)], trnA-UGC [complement(137751..137788)], trnI-GAU [complement(137858..137892)], trnI-GAU [complement(138836..138877)], ndhB [144502..145278], ndhB [145961..146716], rpl2 [155947..156339], rpl2 [156969..157439]</p>	<p>trnK-UUU [complement(1713..4270)], atpF [complement(11073..11704)], rpoC1 [complement(21630..22410)], ycf3 [complement(43381..44130)], ycf3 [complement(44359..45079)], trnL-UAA [47567..48146], trnV-UAC [complement(52439..53039)], clpP [complement(71755..72383)], clpP [complement(72675..73506)], rpl16 [complement(83530..84662)], rpl2 [complement(86976..87604)], ndhB [complement(97984..98665)], trnI-GAU [105107..106049], trnA-UGC [106192..106993], ndhA [complement(122842..123922)], trnA-UGC [complement(136949..137750)], trnI-GAU [complement(137893..138835)], ndhB [145279..145960], rpl2 [156340..156968]</p>
2900.	POIN	69	<p>rps12 [complement(98959..98984)], rps12 [complement(99527..99758)], rps12 [complement(70530..70643)], trnK-UUU [complement(1770..1804)], trnK-UUU [complement(4304..4340)], rps16 [complement(5210..5437)], rps16 [complement(6319..6357)], trnG-GCC [9130..9152], trnG-GCC [9843..9890], rpoC1 [complement(20471..22099)], rpoC1 [complement(22851..23285)], ycf3 [complement(43662..43814)], ycf3 [complement(44571..44798)], ycf3 [complement(45498..45623)], trnL-UAA [48211..48247], trnL-UAA [48775..48824], trnV-UAC [complement(52214..52250)], trnV-UAC [complement(52847..52885)], rps12 [141645..141876], rps12 [142419..142444], clpP [complement(70818..71043)], clpP</p>	<p>trnK-UUU [complement(1805..4303)], rps16 [complement(5438..6318)], trnG-GCC [9153..9842], rpoC1 [complement(22100..22850)], ycf3 [complement(43815..44570)], ycf3 [complement(44799..45497)], trnL-UAA [48248..48774], trnV-UAC [complement(52251..52846)], clpP [complement(71044..71691)], clpP [complement(71985..72822)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71692..71984)], clpP [complement(72823..72891)], petB [75829..75834], petB [76612..77268], petD [77471..77479], petD [78189..78662], rpl16 [complement(82279..82680)], rpl16 [complement(83651..83659)], rpl2 [complement(85414..85848)], rpl2 [complement(86527..86919)], ndhB [complement(95909..96664)], ndhB [complement(97341..98117)], trnI-GAU [103562..103596], trnI-GAU [104547..104581], trnA-UGC [104646..104683], trnA-UGC [105497..105531], ndhA [complement(121164..121703)], ndhA [complement(122955..123515)], trnA-UGC [complement(135872..135906)], trnA-UGC [complement(136720..136757)], trnI-GAU [complement(136822..136856)], trnI-GAU [complement(137807..137841)], ndhB [143286..144062], ndhB [144739..145494], rpl2 [154484..154876], rpl2 [155555..155989]	[75835..76611], petD [77480..78188], rpl16 [complement(82681..83650)], rpl2 [complement(85849..86526)], ndhB [complement(96665..97340)], trnI-GAU [103597..104546], trnA-UGC [104684..105496], ndhA [complement(121704..122954)], trnA-UGC [complement(135907..136719)], trnI-GAU [complement(136857..137806)], ndhB [144063..144738], rpl2 [154877..155554]
2901.	POIT	64	rps12 [complement(88421..88449)], rps12 [complement(88990..89221)], rps12 [complement(66574..66687)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3914..3950)], rps16 [complement(4514..4731)], rps16 [complement(5559..5598)], trnG-UCC [complement(12756..12803)], trnG-UCC [complement(13485..13507)], atpF [31784..31928], atpF [32748..33154], ycf3 [complement(40934..41094)], ycf3 [complement(41815..42040)], ycf3 [complement(42792..42917)], trnL-UAA [45709..45743], trnL-UAA [46281..46330], trnV-UAC [complement(49836..49872)], trnV-UAC [complement(50476..50514)], rps12 [125767..125998], rps12 [126539..126567], petB [70437..70442], petB [71207..71848], petD [72037..72044], petD [72788..73262], rpl16 [complement(76870..77271)], rpl16 [complement(78193..78201)], rpl2 [complement(80206..80636)], rpl2 [complement(81300..81690)], ndhB [complement(85349..86104)], ndhB [complement(86817..87593)], trnI-GAU [92993..93029], trnI-GAU [93836..93870], trnA-UGC [93936..93973], trnA-UGC [94785..94819], ndhA [complement(110692..111230)], ndhA [complement(112278..112827)], trnA-UGC [complement(120169..120203)], trnA-UGC [complement(121015..121052)], trnI-GAU [complement(121118..121152)], trnI-GAU [complement(121959..121995)], ndhB [127395..128171], ndhB [128884..129639], rpl2 [133298..133688], rpl2 [134352..134782]	trnK-UUU [complement(1418..3913)], rps16 [complement(4732..5558)], trnG-UCC [complement(12804..13484)], atpF [31929..32747], ycf3 [complement(41095..41814)], ycf3 [complement(42041..42791)], trnL-UAA [45744..46280], trnV-UAC [complement(49873..50475)], petB [70443..71206], petD [72045..72787], rpl16 [complement(77272..78192)], rpl2 [complement(80637..81299)], ndhB [complement(86105..86816)], trnI-GAU [93030..93835], trnA-UGC [93974..94784], ndhA [complement(111231..112277)], trnA-UGC [complement(120204..121014)], trnI-GAU [complement(121153..121958)], ndhB [128172..128883], rpl2 [133689..134351]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2902.	POKA	63	<p>rps12 [complement(99099..99124)], rps12 [complement(99661..99892)], rps12 [complement(70192..70305)], trnK-UUU [complement(1674..1708)], trnK-UUU [complement(4277..4313)], trnG-UCC [7680..7701], trnG-UCC [8399..8449], atpF [complement(10473..10942)], atpF [complement(11605..11752)], rpoC1 [complement(19797..21413)], rpoC1 [complement(22169..22624)], ycf3 [complement(42487..42639)], ycf3 [complement(43411..43638)], ycf3 [complement(44360..44488)], trnL-UAA [46798..46833], trnL-UAA [47452..47500], trnV-UAC [complement(51592..51628)], trnV-UAC [complement(52232..52268)], rps12 [141420..141651], rps12 [142188..142213], clpP [complement(70497..70724)], clpP [complement(71358..71649)], clpP [complement(72444..72514)], petB [75516..75521], petB [76326..76967], rpl2 [complement(85347..85819)], rpl2 [complement(86446..86839)], ndhB [complement(96032..96787)], ndhB [complement(97377..98246)], trnI-GAU [103820..103856], trnI-GAU [104805..104839], trnA-UGC [104909..104946], trnA-UGC [105754..105788], ndhA [complement(120984..121529)], ndhA [complement(122593..123144)], trnA-UGC [complement(135524..135558)], trnA-UGC [complement(136366..136403)], trnI-GAU [complement(136473..136507)], trnI-GAU [complement(137456..137492)], ndhB [143066..143932], ndhB [144525..145280], rpl2 [154473..154863], rpl2 [155493..155965]</p>	<p>trnK-UUU [complement(1709..4276)], trnG-UCC [7702..8398], atpF [complement(10943..11604)], rpoC1 [complement(21414..22168)], ycf3 [complement(42640..43410)], ycf3 [complement(43639..44359)], trnL-UAA [46834..47451], trnV-UAC [complement(51629..52231)], clpP [complement(70725..71357)], clpP [complement(71650..72443)], petB [75522..76325], rpl2 [complement(85820..86445)], ndhB [complement(96788..97376)], trnI-GAU [103857..104804], trnA-UGC [104947..105753], ndhA [complement(121530..122592)], trnA-UGC [complement(135559..136365)], trnI-GAU [complement(136508..137455)], ndhB [143933..144524], rpl2 [154864..155492]</p>
2903.	POKO	60	<p>rps12 [complement(99450..99476)], rps12 [complement(100013..100243)], rps12 [complement(70697..70810)], trnK-UUU [complement(1671..1699)], trnK-UUU [complement(4262..4298)], atpF [complement(10019..10429)], atpF [complement(11140..11283)], rpoC1 [complement(19302..20927)], rpoC1 [complement(21708..22142)], ycf3 [complement(42256..42408)], ycf3 [complement(43146..43373)], ycf3 [complement(44095..44223)], trnL-UAA [46541..46577], trnL-UAA [47166..47215], trnV-UAC [complement(51286..51322)], trnV-UAC [complement(51924..51962)], rps12 [141890..142120], rps12 [142657..142683], clpP [complement(70996..71223)], clpP [complement(71852..72142)], clpP [complement(72942..73010)], rpl16 [complement(82524..82924)], rpl16 [complement(84091..84100)], rpl2 [complement(85890..86360)], rpl2 [complement(86990..87382)], ndhB</p>	<p>trnK-UUU [complement(1700..4261)], atpF [complement(10430..11139)], rpoC1 [complement(20928..21707)], ycf3 [complement(42409..43145)], ycf3 [complement(43374..44094)], trnL-UAA [46578..47165], trnV-UAC [complement(51323..51923)], clpP [complement(71224..71851)], clpP [complement(72143..72941)], rpl16 [complement(82925..84090)], rpl2 [complement(86361..86989)], ndhB [complement(97376..98057)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(96620..97375)], ndhB [complement(98058..98834)], trnI-GAU [104161..104202], trnI-GAU [105146..105180], trnA-UGC [105245..105282], trnA-UGC [106085..106119], ndhA [complement(121399..121944)], ndhA [complement(123061..123612)], trnA-UGC [complement(136014..136048)], trnA-UGC [complement(136851..136888)], trnI-GAU [complement(136953..136987)], trnI-GAU [complement(137931..137972)], ndhB [143299..144075], ndhB [144758..145513], rpl2 [154751..155143], rpl2 [155773..156243]	[104203..105145], trnA-UGC [105283..106084], ndhA [complement(121945..123060)], trnA-UGC [complement(136049..136850)], trnI-GAU [complement(136988..137930)], ndhB [144076..144757], rpl2 [155144..155772]
2904.	POLA	43	trnG-UCC [676..699], trnG-UCC [1503..1551], atpF [complement(3508..3927)], atpF [complement(4658..4801)], rpoC1 [complement(11752..13113)], rpoC1 [complement(13588..14253)], ycf3 [complement(32475..32630)], ycf3 [complement(33349..33576)], ycf3 [complement(34276..34401)], trnV-UAC [complement(40853..40893)], trnV-UAC [complement(41420..41458)], rps12 [complement(59536..59661)], rps12 [108266..108577], rpl2 [60311..60712], rpl2 [61406..61837], petD [complement(68242..68731)], petD [complement(69353..69360)], petB [complement(69593..70234)], petB [complement(71001..71006)], ndhA [85733..86290], ndhA [87043..87591], trnA-UGC [complement(101657..101691)], trnA-UGC [complement(102479..102516)], trnI-GAU [complement(102588..102622)], trnI-GAU [complement(103586..103627)], ndhB [110590..110997], ndhB [111721..112479], trnK-UUU [complement(125889..125917)], trnK-UUU [complement(128343..128379)]	trnG-UCC [700..1502], atpF [complement(3928..4657)], rpoC1 [complement(13114..13587)], ycf3 [complement(32631..33348)], ycf3 [complement(33577..34275)], trnV-UAC [complement(40894..41419)], rpl2 [60713..61405], petD [complement(68732..69352)], petB [complement(70235..71000)], ndhA [86291..87042], trnA-UGC [complement(101692..102478)], trnI-GAU [complement(102623..103585)], ndhB [110998..111720], trnK-UUU [complement(125918..128342)]
2905.	POLO	73	rps12 [complement(100113..100138)], rps12 [complement(100675..100906)], rps12 [complement(72178..72291)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4290..4326)], rps16 [complement(5094..5318)], rps16 [complement(6176..6214)], trnG [9858..9880], trnG [10576..10623], atpF [complement(12639..13046)], atpF [complement(13751..13909)], rpoC1 [complement(21839..23464)], rpoC1 [complement(24197..24631)], ycf3 [complement(44486..44638)], ycf3 [complement(45383..45610)], ycf3 [complement(46332..46457)], trnL-UAA [49709..49745], trnL-UAA [50268..50317], trnV-UAC [complement(53455..53491)], trnV-UAC	trnK-UUU [complement(1809..4289)], rps16 [complement(5319..6175)], trnG [9881..10575], atpF [complement(13047..13750)], rpoC1 [complement(23465..24196)], ycf3 [complement(44639..45382)], ycf3 [complement(45611..46331)], trnL-UAA [49746..50267], trnV-UAC [complement(53492..54077)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54078..54116)], rps12 [complement(72178..72291)], rps12 [142746..142977], rps12 [143514..143539], clpP [complement(72441..72725)], clpP [complement(73265..73555)], clpP [complement(74352..74420)], petB [77328..77333], petB [78096..78752], petD [78941..78949], petD [79646..80170], rpl16 [complement(83641..84042)], rpl16 [complement(85058..85066)], rpl2 [complement(86700..87134)], rpl2 [complement(87802..88194)], ndhB [complement(97055..97810)], ndhB [complement(98490..99266)], trnI-GAU [104836..104877], trnI-GAU [105825..105859], trnA-UGC [105924..105961], trnA-UGC [106774..106808], ndhA [complement(122307..122846)], ndhA [complement(123940..124491)], trnA-UGC [complement(136844..136878)], trnA-UGC [complement(137691..137728)], trnI-GAU [complement(137793..137827)], trnI-GAU [complement(138775..138816)], ndhB [144386..145162], ndhB [145842..146597], rpl2 [155458..155847], rpl2 [156518..156952]	[complement(72726..73264)], clpP [complement(73556..74351)], petB [77334..78095], petD [78950..79645], rpl16 [complement(84043..85057)], rpl2 [complement(87135..87801)], ndhB [complement(97811..98489)], trnI-GAU [104878..105824], trnA-UGC [105962..106773], ndhA [complement(122847..123939)], trnA-UGC [complement(136879..137690)], trnI-GAU [complement(137828..138774)], ndhB [145163..145841], rpl2 [155848..156517]
2906.	POLS	69	rps12 [complement(98341..98367)], rps12 [complement(98901..99122)], rps12 [complement(69490..69603)], trnK [complement(1678..1712)], trnK [complement(4281..4317)], trnG [7680..7704], trnG [8403..8450], atpF [complement(10401..10889)], atpF [complement(11513..11680)], rpoC1 [complement(19622..20881)], rpoC1 [complement(21966..22421)], ycf3 [complement(42090..42244)], ycf3 [complement(42979..43204)], ycf3 [complement(43929..44054)], trnL [46355..46389], trnL [46991..47040], trnV [complement(50997..51031)], trnV [complement(51635..51673)], rps12 [140678..140908], rps12 [141445..141471], clpP [complement(69797..70024)], clpP [complement(70655..70946)], clpP [complement(71741..71811)], petB [74799..74804], petB [75609..76250], petD [76478..76486], petD [77283..77771], rpl16 [complement(81268..81666)], rpl16 [complement(82758..82766)], rpl2 [complement(84587..85020)], rpl2 [complement(85689..86079)], ndhB [complement(95274..96029)], ndhB [complement(96712..97488)], trnI [103066..103097], trnI [104046..104080], trnA [104150..104187], trnA [105001..105030], ndhA [complement(120251..120796)], ndhA [complement(121851..122402)], trnA [complement(134781..134815)], trnA [complement(135624..135661)], trnI	trnK [complement(1713..4280)], trnG [7705..8402], atpF [complement(10890..11512)], rpoC1 [complement(20882..21965)], ycf3 [complement(42245..42978)], ycf3 [complement(43205..43928)], trnL [46390..46990], trnV [complement(51032..51634)], clpP [complement(70025..70654)], clpP [complement(70947..71740)], petB [74805..75608], petD [76487..77282], rpl16 [complement(81667..82757)], rpl2 [complement(85021..85688)], ndhB [complement(96030..96711)], trnI [103098..104045], trnA [104188..105000], ndhA [complement(120797..121850)], trnA [complement(134816..135623)], trnI [complement(135771..136715)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(135731..135770)], trnI [complement(136716..136750)], ndhB [142324..143100], ndhB [143783..144538], rpl2 [153733..154123], rpl2 [154792..155225]	[143101..143782], rpl2 [154124..154791]
2907.	POLT	46	trnG-UCC [731..754], trnG-UCC [1562..1610], atpF [complement(3568..3987)], atpF [complement(4717..4860)], rpoC1 [complement(11803..13164)], rpoC1 [complement(13552..14217)], ycf3 [complement(32547..32702)], ycf3 [complement(33420..33647)], ycf3 [complement(34345..34470)], trnV-UAC [complement(40970..41010)], trnV-UAC [complement(41537..41575)], rps12 [complement(59652..59777)], rps12 [108560..108871], rpl2 [60421..60822], rpl2 [61537..61968], petD [complement(68369..68858)], petD [complement(69478..69485)], petB [complement(69718..70359)], petB [complement(71126..71131)], ndhA [86124..86682], ndhA [87437..87984], trnA-UGC [complement(101965..101999)], trnA-UGC [complement(102795..102832)], trnI-GAU [complement(102904..102938)], trnI-GAU [complement(103901..103942)], trnV-GAC [complement(107037..107091)], trnV-GAC [complement(107554..107625)], ndhB [110882..111289], ndhB [112010..112768], trnK-UUU [complement(126196..126224)], trnK-UUU [complement(128646..128682)]	trnG-UCC [755..1561], atpF [complement(3988..4716)], rpoC1 [complement(13165..13551)], ycf3 [complement(32703..33419)], ycf3 [complement(33648..34344)], trnV-UAC [complement(41011..41536)], rpl2 [60823..61536], petD [complement(68859..69477)], petB [complement(70360..71125)], ndhA [86683..87436], trnA-UGC [complement(102000..102794)], trnI-GAU [complement(102939..103900)], trnV-GAC [complement(107092..107553)], ndhB [111290..112009], trnK-UUU [complement(126225..128645)]
2908.	POLU	60	rps12 [complement(99438..99464)], rps12 [complement(100001..100231)], rps12 [complement(70397..70510)], trnK-UUU [complement(1690..1718)], trnK-UUU [complement(4299..4335)], atpF [complement(10588..10998)], atpF [complement(11709..11852)], rpoC1 [complement(19843..21468)], rpoC1 [complement(22253..22687)], ycf3 [complement(42715..42867)], ycf3 [complement(43624..43851)], ycf3 [complement(44573..44701)], trnL-UAA [47037..47073], trnL-UAA [47659..47708], trnV-UAC [complement(51681..51717)], trnV-UAC [complement(52330..52368)], rps12 [142009..142239], rps12 [142776..142802], clpP [complement(70696..70923)], clpP [complement(71565..71855)], clpP [complement(72655..72723)], rpl16 [complement(82280..82680)], rpl16 [complement(83831..83840)], rpl2 [complement(85636..86106)], rpl2 [complement(86736..87128)], ndhB [complement(96366..97121)], ndhB [complement(97804..98580)], trnI-GAU	trnK-UUU [complement(1719..4298)], atpF [complement(10999..11708)], rpoC1 [complement(21469..22252)], ycf3 [complement(42868..43623)], ycf3 [complement(43852..44572)], trnL-UAA [47074..47658], trnV-UAC [complement(51718..52329)], clpP [complement(70924..71564)], clpP [complement(71856..72654)], rpl16 [complement(82681..83830)], rpl2 [complement(86107..86735)], ndhB [complement(97122..97803)], trnI-GAU [104205..105147], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104163..104204], trnI-GAU [105148..105182], trnA-UGC [105247..105284], trnA-UGC [106087..106121], ndhA [complement(121490..122035)], ndhA [complement(123160..123711)], trnA-UGC [complement(136119..136153)], trnA-UGC [complement(136956..136993)], trnI-GAU [complement(137058..137092)], trnI-GAU [complement(138036..138077)], ndhB [143660..144436], ndhB [145119..145874], rpl2 [155112..155504], rpl2 [156134..156604]	[105285..106086], ndhA [complement(122036..123159)], trnA-UGC [complement(136154..136955)], trnI-GAU [complement(137093..138035)], ndhB [144437..145118], rpl2 [155505..156133]
2909.	PONE	44	trnK-UUU [complement(1382..1416)], trnK-UUU [complement(3913..3949)], rps16 [complement(5559..5598)], trnG-UCC [complement(12743..12790)], trnG-UCC [complement(13472..13494)], trnL-UAA [45932..45966], trnL-UAA [46504..46553], trnV-UAC [complement(50024..50060)], trnV-UAC [complement(50664..50702)], rps12 [127022..127050], rpl2 [complement(80525..80955)], rpl2 [complement(81619..82009)], trnI-GAU [93312..93348], trnI-GAU [94155..94189], trnA-UGC [94255..94292], trnA-UGC [95104..95138], ndhA [complement(111161..111699)], ndhA [complement(112745..113294)], trnA-UGC [complement(120652..120686)], trnA-UGC [complement(121498..121535)], trnI-GAU [complement(121601..121635)], trnI-GAU [complement(122442..122478)], rpl2 [133781..134171], rpl2 [134835..135265]	trnK-UUU [complement(1417..3912)], rps16 [complement(4731..5558)], trnG-UCC [complement(12791..13471)], atpF [32158..32961], ycf3 [complement(41311..42034)], ycf3 [complement(42263..43007)], trnL-UAA [45967..46503], trnV-UAC [complement(50061..50663)], petB [70767..71526], petD [72366..73108], rpl16 [complement(77593..78511)], rpl2 [complement(80956..81618)], ndhB [complement(86424..87135)], trnI-GAU [93349..94154], trnA-UGC [94293..95103], ndhA [complement(111700..112744)], trnA-UGC [complement(120687..121497)], trnI-GAU [complement(121636..122441)], ndhB [128655..129366], rpl2 [134172..134834]
2910.	PONI	60	rps12 [complement(97778..97804)], rps12 [complement(98341..98571)], rps12 [complement(69105..69218)], trnK-UUU [complement(1690..1718)], trnK-UUU [complement(4293..4329)], atpF [complement(9950..10360)], atpF [complement(11087..11230)], rpoC1 [complement(19266..20891)], rpoC1 [complement(21660..22094)], ycf3 [complement(41928..42080)], ycf3 [complement(42810..43037)], ycf3 [complement(43759..43887)], trnL-UAA [46194..46230], trnL-UAA [46826..46875], trnV-UAC [complement(50963..50999)], trnV-UAC [complement(51601..51639)], rps12	trnK-UUU [complement(1719..4292)], atpF [complement(10361..11086)], rpoC1 [complement(20892..21659)], ycf3 [complement(42081..42809)], ycf3 [complement(43038..43758)], trnL-UAA [46231..46825], trnV-UAC [complement(51000..51600)], clpP [complement(69639..70265)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140198..140428], rps12 [140965..140991], clpP [complement(69411..69638)], clpP [complement(70266..70556)], clpP [complement(71358..71426)], rpl16 [complement(80918..81318)], rpl16 [complement(82482..82491)], rpl2 [complement(84233..84703)], rpl2 [complement(85333..85725)], ndhB [complement(94947..95702)], ndhB [complement(96385..97161)], trnI-GAU [102520..102561], trnI-GAU [103505..103539], trnA-UGC [103604..103641], trnA-UGC [104444..104478], ndhA [complement(119734..120279)], ndhA [complement(121353..121904)], trnA-UGC [complement(134291..134325)], trnA-UGC [complement(135128..135165)], trnI-GAU [complement(135230..135264)], trnI-GAU [complement(136208..136249)], ndhB [141608..142384], ndhB [143067..143822], rpl2 [153044..153436], rpl2 [154066..154536]	[complement(70557..71357)], rpl16 [complement(81319..82481)], rpl2 [complement(84704..85332)], ndhB [complement(95703..96384)], trnI-GAU [102562..103504], trnA-UGC [103642..104443], ndhA [complement(120280..121352)], trnA-UGC [complement(134326..135127)], trnI-GAU [complement(135265..136207)], ndhB [142385..143066], rpl2 [153437..154065]
2911.	POOL	66	rps12 [complement(99871..99896)], rps12 [complement(100430..100661)], rps12 [complement(72639..72752)], trnK-UUU [complement(1640..1674)], trnK-UUU [complement(4176..4212)], rps16 [complement(5030..5231)], rps16 [complement(6125..6165)], trnG-UCC [9042..9064], trnG-UCC [9778..9825], atpF [complement(11779..12188)], atpF [complement(12937..13081)], rpoC1 [complement(20661..22271)], rpoC1 [complement(23064..23495)], ycf3 [complement(43529..43681)], ycf3 [complement(44442..44669)], ycf3 [complement(45479..45604)], trnL-UAA [48717..48753], trnL-UAA [49381..49430], trnV-UAC [complement(53534..53568)], trnV-UAC [complement(54152..54189)], rps12 [143309..143540], rps12 [144074..144099], clpP [complement(72897..73124)], clpP [complement(73722..74013)], clpP [complement(74886..74956)], petB [77929..77934], petB [78656..79297], petD [79524..79531], petD [80318..80792], rpl16 [complement(84242..84640)], rpl16 [complement(85798..85806)], ndhB [complement(96836..97591)], ndhB [complement(98260..99036)], trnI-GAU [104267..104303], trnI-GAU [105250..105284], trnA-UGC [105355..105392], trnA-UGC [106210..106244], ndhA [complement(123127..123665)], ndhA [complement(124765..125317)], trnA-UGC [complement(137726..137760)], trnA-UGC [complement(138578..138615)], trnI-GAU [complement(138686..138720)],	trnK-UUU [complement(1675..4175)], rps16 [complement(5232..6124)], trnG-UCC [9065..9777], atpF [complement(12189..12936)], rpoC1 [complement(22272..23063)], ycf3 [complement(43682..44441)], ycf3 [complement(44670..45478)], trnL-UAA [48754..49380], trnV-UAC [complement(53569..54151)], clpP [complement(73125..73721)], clpP [complement(74014..74885)], petB [77935..78655], petD [79532..80317], rpl16 [complement(84641..85797)], ndhB [complement(97592..98259)], trnI-GAU [104304..105249], trnA-UGC [105393..106209], ndhA [complement(123666..124764)], trnA-UGC [complement(137761..138577)], trnI-GAU [complement(138721..139666)], ndhB [145711..146378]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139667..139703)], ndhB [144934..145710], ndhB [146379..147134]	
2912.	POPA	64	rps12 [complement(88362..88390)], rps12 [complement(88931..89162)], rps12 [complement(66498..66611)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3913..3949)], rps16 [complement(4514..4731)], rps16 [complement(5560..5599)], trnG-UCC [complement(12774..12821)], trnG-UCC [complement(13503..13525)], atpF [32058..32202], atpF [33022..33428], ycf3 [complement(41209..41369)], ycf3 [complement(42094..42319)], ycf3 [complement(43071..43196)], trnL-UAA [45989..46023], trnL-UAA [46561..46610], trnV-UAC [complement(50083..50119)], trnV-UAC [complement(50723..50761)], rps12 [125851..126082], rps12 [126623..126651], petB [70367..70372], petB [71134..71775], petD [71964..71971], petD [72715..73189], rpl16 [complement(76793..77194)], rpl16 [complement(78114..78122)], rpl2 [complement(80147..80577)], rpl2 [complement(81241..81631)], ndhB [complement(85290..86045)], ndhB [complement(86758..87534)], trnI-GAU [92934..92970], trnI-GAU [93777..93811], trnA-UGC [93877..93914], trnA-UGC [94726..94760], ndhA [complement(110770..111308)], ndhA [complement(112354..112903)], trnA-UGC [complement(120253..120287)], trnA-UGC [complement(121099..121136)], trnI-GAU [complement(121202..121236)], trnI-GAU [complement(122043..122079)], ndhB [127479..128255], ndhB [128968..129723], rpl2 [133382..133772], rpl2 [134436..134866]	trnK-UUU [complement(1418..3912)], rps16 [complement(4732..5559)], trnG-UCC [complement(12822..13502)], atpF [32203..33021], ycf3 [complement(41370..42093)], ycf3 [complement(42320..43070)], trnL-UAA [46024..46560], trnV-UAC [complement(50120..50722)], petB [70373..71133], petD [71972..72714], rpl16 [complement(77195..78113)], rpl2 [complement(80578..81240)], ndhB [complement(86046..86757)], trnI-GAU [92971..93776], trnA-UGC [93915..94725], ndhA [complement(111309..112353)], trnA-UGC [complement(120288..121098)], trnI-GAU [complement(121237..122042)], ndhB [128256..128967], rpl2 [133773..134435]
2913.	POPE	76	rps12 [complement(100275..100300)], rps12 [complement(100842..101073)], rps12 [complement(72064..72177)], trnH-GUG [complement(156197..156226)], trnH-GUG [complement(1..45)], trnK-UUU [complement(1603..1637)], trnK-UUU [complement(4140..4176)], rps16 [complement(4800..5032)], rps16 [complement(5914..5953)], trnG-UCC [9799..9821], trnG-UCC [10530..10567], atpF [complement(12491..12901)], atpF [complement(13941..14084)], rpoC1 [complement(21577..23199)], rpoC1 [complement(23965..24396)], ycf3 [complement(43894..44046)], ycf3 [complement(44775..45002)], ycf3 [complement(45732..45857)], trnL-UAA [48541..48575], trnL-UAA [49135..49184], trnV-UAC [57966..58003], trnV-	trnH-GUG [complement(156227..0)], trnK-UUU [complement(1638..4139)], rps16 [complement(5033..5913)], trnG-UCC [9822..10529], atpF [complement(12902..13940)], rpoC1 [complement(23200..23964)], ycf3 [complement(44047..44774)], ycf3 [complement(45003..45731)], trnL-UAA [48576..49134], trnV-UAC [58004..58613], clpP [complement(72584..73243)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [58614..58650], rps12 [complement(72064..72177)], rps12 [141918..142149], rps12 [142691..142716], clpP [complement(72338..72583)], clpP [complement(73244..73534)], clpP [complement(74291..74359)], petB [77254..77259], petB [78053..78694], petD [78904..78911], petD [79613..80087], rpl16 [complement(83504..83905)], rpl16 [complement(84860..84868)], rpl2 [complement(86818..87249)], rpl2 [complement(87911..88303)], ndhB [complement(97206..97961)], ndhB [complement(98659..99432)], trnI-GAU [104347..104388], trnI-GAU [104868..104902], trnA-UGC [105435..105472], trnA-UGC [106281..106315], ndhA [complement(122317..122859)], ndhA [complement(123969..124520)], trnA-UGC [complement(136676..136710)], trnA-UGC [complement(137519..137556)], trnI-GAU [complement(137626..137660)], trnI-GAU [complement(138603..138644)], ndhB [143559..144332], ndhB [145030..145785], rpl2 [154688..155080], rpl2 [155742..156173]	[complement(73535..74290)], petB [77260..78052], petD [78912..79612], rpl16 [complement(83906..84859)], rpl2 [complement(87250..87910)], ndhB [complement(97962..98658)], trnI-GAU [104389..104867], trnA-UGC [105473..106280], ndhA [complement(122860..123968)], trnA-UGC [complement(136711..137518)], trnI-GAU [complement(137661..138602)], ndhB [144333..145029], rpl2 [155081..155741]
2914.	POPI	69	rps12 [complement(98455..98480)], rps12 [complement(99014..99245)], rps12 [complement(71611..71724)], trnH-GUG [complement(152217..152219)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1622..1656)], trnK-UUU [complement(4135..4171)], rps16 [complement(4730..4931)], rps16 [complement(5824..5864)], trnG-UCC [8675..8697], trnG-UCC [9392..9439], atpF [complement(11402..11811)], atpF [complement(12598..12742)], rpoC1 [complement(20351..21961)], rpoC1 [complement(22758..23189)], ycf3 [complement(42545..42697)], ycf3 [complement(43488..43715)], ycf3 [complement(44522..44647)], trnL-UAA [47867..47903], trnL-UAA [48514..48563], trnV-UAC [complement(52597..52631)], trnV-UAC [complement(53218..53255)], rps12 [140926..141157], rps12 [141691..141716], clpP [complement(71939..72166)], clpP [complement(72902..73193)], clpP [complement(74049..74119)], petB [77106..77111], petB [77837..78478], petD [78703..78710], petD [79502..79976], rpl16 [complement(83417..83815)], rpl16 [complement(85043..85051)], ndhB [complement(95416..96171)], ndhB [complement(96844..97620)], trnI-GAU [102852..102888], trnI-GAU [103835..103869], trnA-UGC [103940..103977], trnA-UGC [104796..104830],	trnH-GUG [complement(152220..0)], trnK-UUU [complement(1657..4134)], rps16 [complement(4932..5823)], trnG-UCC [8698..9391], atpF [complement(11812..12597)], rpoC1 [complement(21962..22757)], ycf3 [complement(42698..43487)], ycf3 [complement(43716..44521)], trnL-UAA [47904..48513], trnV-UAC [complement(52632..53217)], clpP [complement(72167..72901)], clpP [complement(73194..74048)], petB [77112..77836], petD [78711..79501], rpl16 [complement(83816..85042)], ndhB [complement(96172..96843)], trnI-GAU [102889..103834], trnA-UGC [103978..104795], ndhA [complement(120862..121962)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(120326..120861)], ndhA [complement(121963..122515)], trnA-UGC [complement(135341..135375)], trnA-UGC [complement(136194..136231)], trnI-GAU [complement(136302..136336)], trnI-GAU [complement(137283..137319)], ndhB [142551..143327], ndhB [144000..144755]	[complement(135376..136193)], trnI-GAU [complement(136337..137282)], ndhB [143328..143999]
2915.	POPL	40	rps12 [complement(100090..100115)], rps12 [complement(100652..100883)], rps12 [complement(72179..72292)], trnK-UUU [complement(1941..1983)], trnK-UUU [complement(4484..4520)], trnG-GCC [8764..8786], trnG-GCC [9494..9541], trnL-UAA [49163..49197], trnL-UAA [49665..49714], trnV-UAC [complement(54154..54190)], trnV-UAC [complement(54777..54815)], rps12 [complement(72179..72292)], rps12 [142786..143017], rps12 [143554..143579], trnI-GAU [104684..104725], trnI-GAU [105676..105710], trnI-GAU [complement(137959..137993)], trnI-GAU [complement(138944..138985)]	trnK-UUU [complement(1984..4483)], trnG-GCC [8787..9493], atpF [complement(11904..12565)], rpoC1 [complement(22343..23080)], ycf3 [complement(44135..44881)], ycf3 [complement(45110..45833)], trnL-UAA [49198..49664], trnV-UAC [complement(54191..54776)], clpP [complement(72705..73389)], clpP [complement(73687..74375)], petB [77322..78158], petD [79027..79764], rpl16 [complement(84131..85155)], rpl2 [complement(87342..88001)], ndhB [complement(98275..98936)], trnI-GAU [104726..105675], trnA-UGC [105813..106613], ndhA [complement(123123..124001)], trnA-UGC [complement(137056..137856)], trnI-GAU [complement(137994..138943)], ndhB [144718..145394], rpl2 [155743..156303]
2916.	POPN	22	trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3903..3940)], rps12 [129881..129909]	trnK-UUU [complement(1412..3902)], rps16 [complement(4705..5543)], atpF [35081..35912], ycf3 [complement(44228..44959)], ycf3 [complement(45188..45950)], trnL-UAA [48848..49299], trnV-UAC [complement(53057..53658)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[73159..73914], petD [74730..75469], rpl16 [complement(79918..80999)], rpl2 [complement(83430..84092)], ndhB [complement(89407..90110)], trnI-GAU [96449..97394], trnA-UGC [97533..98342], ndhA [complement(114274..115301)], trnA-UGC [complement(123284..124093)], trnI-GAU [complement(124232..125177)], ndhB [131516..132219], rpl2 [137534..138196]
2917.	POPR	61	rps12 [complement(100526..100552)], rps12 [complement(101089..101319)], rps12 [complement(71173..71286)], trnK-UUU [complement(1715..1743)], trnK-UUU [complement(4297..4333)], atpF [complement(10633..11043)], atpF [complement(11769..11912)], rpoC1 [complement(20043..21668)], rpoC1 [complement(22443..22877)], ycf3 [complement(43129..43281)], ycf3 [complement(44043..44270)], ycf3 [complement(44991..45119)], trnL-UAA [47447..47483], trnL-UAA [48070..48119], trnV-UAC [complement(52436..52472)], trnV-UAC [complement(53098..53136)], rps12 [complement(71173..71286)], rps12 [142994..143224], rps12 [143761..143787], clpP [complement(71453..71680)], clpP [complement(72309..72599)], clpP [complement(73398..73466)], rpl16 [complement(82994..83394)], rpl16 [complement(84522..84531)], rpl2 [complement(86319..86789)], rpl2 [complement(87419..87811)], ndhB [complement(97051..97806)], ndhB [complement(98489..99265)], trnI-GAU [105278..105319], trnI-GAU [106263..106297], trnA-UGC [106367..106404], trnA-UGC [107207..107241], ndhA [complement(122511..123056)], ndhA [complement(124131..124682)], trnA-UGC [complement(137072..137106)], trnA-UGC [complement(137909..137946)], trnI-GAU [complement(138016..138050)], trnI-GAU [complement(138994..139035)], ndhB [145048..145824], ndhB [146507..147262], rpl2 [156502..156894], rpl2 [157524..157994]	trnK-UUU [complement(1744..4296)], atpF [complement(11044..11768)], rpoC1 [complement(21669..22442)], ycf3 [complement(43282..44042)], ycf3 [complement(44271..44990)], trnL-UAA [47484..48069], trnV-UAC [complement(52473..53097)], clpP [complement(71681..72308)], clpP [complement(72600..73397)], rpl16 [complement(83395..84521)], rpl2 [complement(86790..87418)], ndhB [complement(97807..98488)], trnI-GAU [105320..106262], trnA-UGC [106405..107206], ndhA [complement(123057..124130)], trnA-UGC [complement(137107..137908)], trnI-GAU [complement(138051..138993)], ndhB [145825..146506], rpl2 [156895..157523]
2918.	POPS	63	rps12 [complement(99088..99113)], rps12 [complement(99650..99881)], rps12 [complement(70181..70294)], trnK-UUU [complement(1674..1708)],	trnK-UUU [complement(1709..4276)], trnG-UCC [7702..8398], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4277..4313)], trnG-UCC [7680..7701], trnG-UCC [8399..8449], atpF [complement(10473..10942)], atpF [complement(11605..11752)], rpoC1 [complement(19797..21413)], rpoC1 [complement(22169..22624)], ycf3 [complement(42475..42627)], ycf3 [complement(43399..43626)], ycf3 [complement(44348..44476)], trnL-UAA [46786..46821], trnL-UAA [47440..47488], trnV-UAC [complement(51580..51616)], trnV-UAC [complement(52220..52256)], rps12 [141409..141640], rps12 [142177..142202], clpP [complement(70486..70713)], clpP [complement(71347..71638)], clpP [complement(72433..72503)], petB [75505..75510], petB [76315..76956], rpl2 [complement(85336..85808)], rpl2 [complement(86435..86828)], ndhB [complement(96021..96776)], ndhB [complement(97366..98235)], trnI-GAU [103809..103845], trnI-GAU [104794..104828], trnA-UGC [104898..104935], trnA-UGC [105743..105777], ndhA [complement(120973..121518)], ndhA [complement(122582..123133)], trnA-UGC [complement(135513..135547)], trnA-UGC [complement(136355..136392)], trnI-GAU [complement(136462..136496)], trnI-GAU [complement(137445..137481)], ndhB [143055..143921], ndhB [144514..145269], rpl2 [154462..154852], rpl2 [155482..155954]	[complement(10943..11604)], rpoC1 [complement(21414..22168)], ycf3 [complement(42628..43398)], ycf3 [complement(43627..44347)], trnL-UAA [46822..47439], trnV-UAC [complement(51617..52219)], clpP [complement(70714..71346)], clpP [complement(71639..72432)], petB [75511..76314], rpl2 [complement(85809..86434)], ndhB [complement(96777..97365)], trnI-GAU [103846..104793], trnA-UGC [104936..105742], ndhA [complement(121519..122581)], trnA-UGC [complement(135548..136354)], trnI-GAU [complement(136497..137444)], ndhB [143922..144513], rpl2 [154853..155481]
2919.	POQA	63	rps12 [complement(99110..99135)], rps12 [complement(99672..99903)], rps12 [complement(70202..70315)], trnK-UUU [complement(1678..1712)], trnK-UUU [complement(4281..4317)], trnG-UCC [7691..7712], trnG-UCC [8410..8460], atpF [complement(10473..10942)], atpF [complement(11606..11753)], rpoC1 [complement(19799..21415)], rpoC1 [complement(22172..22627)], ycf3 [complement(42488..42640)], ycf3 [complement(43405..43632)], ycf3 [complement(44354..44482)], trnL-UAA [46791..46826], trnL-UAA [47445..47493], trnV-UAC [complement(51587..51623)], trnV-UAC [complement(52227..52263)], rps12 [141417..141648], rps12 [142185..142210], clpP [complement(70507..70734)], clpP [complement(71368..71659)], clpP [complement(72454..72524)], petB [75526..75531], petB [76336..76977], rpl2 [complement(85352..85824)], rpl2 [complement(86451..86844)], ndhB [complement(96037..96792)], ndhB [complement(97382..98251)], trnI-GAU [103831..103867], trnI-GAU	trnK-UUU [complement(1713..4280)], trnG-UCC [7713..8409], atpF [complement(10943..11605)], rpoC1 [complement(21416..22171)], ycf3 [complement(42641..43404)], ycf3 [complement(43633..44353)], trnL-UAA [46827..47444], trnV-UAC [complement(51624..52226)], clpP [complement(70735..71367)], clpP [complement(71660..72453)], petB [75532..76335], rpl2 [complement(85825..86450)], ndhB [complement(96793..97381)], trnI-GAU [103868..104815], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104816..104850], trnA-UGC [104920..104957], trnA-UGC [105765..105799], ndhA [complement(120988..121533)], ndhA [complement(122597..123148)], trnA-UGC [complement(135521..135555)], trnA-UGC [complement(136363..136400)], trnI-GAU [complement(136470..136504)], trnI-GAU [complement(137453..137489)], ndhB [143069..143935], ndhB [144528..145283], rpl2 [154476..154866], rpl2 [155496..155968]	[104958..105764], ndhA [complement(121534..122596)], trnA-UGC [complement(135556..136362)], trnI-GAU [complement(136505..137452)], ndhB [143936..144527], rpl2 [154867..155495]
2920.	POQI	63	rps12 [complement(98697..98722)], rps12 [complement(99259..99490)], rps12 [complement(69898..70011)], trnK-UUU [complement(1691..1725)], trnK-UUU [complement(4291..4327)], trnG-UCC [7640..7661], trnG-UCC [8360..8410], atpF [complement(10454..10923)], atpF [complement(11589..11736)], rpoC1 [complement(19778..21394)], rpoC1 [complement(22180..22635)], ycf3 [complement(42230..42382)], ycf3 [complement(43109..43336)], ycf3 [complement(44067..44195)], trnL-UAA [46494..46529], trnL-UAA [47129..47177], trnV-UAC [complement(51289..51325)], trnV-UAC [complement(51929..51965)], rps12 [141051..141282], rps12 [141819..141844], clpP [complement(70204..70431)], clpP [complement(71063..71354)], clpP [complement(72151..72221)], petB [75221..75226], petB [76031..76672], rpl2 [complement(85029..85501)], rpl2 [complement(86128..86521)], ndhB [complement(95632..96387)], ndhB [complement(96977..97846)], trnI-GAU [103418..103454], trnI-GAU [104403..104437], trnA-UGC [104497..104534], trnA-UGC [105337..105371], ndhA [complement(120590..121135)], ndhA [complement(122225..122776)], trnA-UGC [complement(135170..135204)], trnA-UGC [complement(136007..136044)], trnI-GAU [complement(136104..136138)], trnI-GAU [complement(137087..137123)], ndhB [142695..143561], ndhB [144154..144909], rpl2 [154020..154410], rpl2 [155040..155512]	trnK-UUU [complement(1726..4290)], trnG-UCC [7662..8359], atpF [complement(10924..11588)], rpoC1 [complement(21395..22179)], ycf3 [complement(42383..43108)], ycf3 [complement(43337..44066)], trnL-UAA [46530..47128], trnV-UAC [complement(51326..51928)], clpP [complement(70432..71062)], clpP [complement(71355..72150)], petB [75227..76030], rpl2 [complement(85502..86127)], ndhB [complement(96388..96976)], trnI-GAU [103455..104402], trnA-UGC [104535..105336], ndhA [complement(121136..122224)], trnA-UGC [complement(135205..136006)], trnI-GAU [complement(136139..137086)], ndhB [143562..144153], rpl2 [154411..155039]
2921.	PORO	57	rps12 [complement(98973..98998)], rps12 [complement(99535..99766)], rps12 [complement(70002..70115)], trnK-UUU [complement(1713..1747)], trnK-UUU [complement(4347..4383)], trnG-UCC [7699..7720], trnG-UCC [8420..8470], atpF [complement(10501..10970)], atpF [complement(11636..11783)], rpoC1 [complement(19802..21418)], rpoC1 [complement(22210..22665)], ycf3 [complement(42311..42463)], ycf3	trnK-UUU [complement(1748..4346)], trnG-UCC [7721..8419], atpF [complement(10971..11635)], rpoC1 [complement(21419..22209)], ycf3 [complement(42464..43187)], ycf3 [complement(43416..44150)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43188..43415)], ycf3 [complement(44151..44279)], trnL-UAA [46619..46654], trnL-UAA [47256..47304], trnV-UAC [complement(51418..51454)], trnV-UAC [complement(52058..52094)], rps12 [140211..140442], rps12 [140979..141004], clpP [complement(70308..70535)], clpP [complement(71166..71457)], clpP [complement(72249..72319)], petB [75337..75342], petB [76147..76788], ndhB [complement(95906..96661)], ndhB [complement(97251..98120)], trnI-GAU [103695..103731], trnI-GAU [104680..104714], trnA-UGC [104774..104811], trnA-UGC [105614..105648], ndhA [complement(120486..121031)], ndhA [complement(122105..122656)], trnA-UGC [complement(134329..134363)], trnA-UGC [complement(135166..135203)], trnI-GAU [complement(135263..135297)], trnI-GAU [complement(136246..136282)], ndhB [141857..142723], ndhB [143316..144071]	[46655..47255], trnV-UAC [complement(51455..52057)], clpP [complement(70536..71165)], clpP [complement(71458..72248)], petB [75343..76146], ndhB [complement(96662..97250)], trnI-GAU [103732..104679], trnA-UGC [104812..105613], ndhA [complement(121032..122104)], trnA-UGC [complement(134364..135165)], trnI-GAU [complement(135298..136245)], ndhB [142724..143315]
2922.	POSC	63	rps12 [complement(99089..99114)], rps12 [complement(99651..99882)], rps12 [complement(70182..70295)], trnK-UUU [complement(1674..1708)], trnK-UUU [complement(4277..4313)], trnG-UCC [7680..7701], trnG-UCC [8399..8449], atpF [complement(10473..10942)], atpF [complement(11605..11752)], rpoC1 [complement(19797..21413)], rpoC1 [complement(22169..22624)], ycf3 [complement(42476..42628)], ycf3 [complement(43400..43627)], ycf3 [complement(44349..44477)], trnL-UAA [46787..46822], trnL-UAA [47441..47489], trnV-UAC [complement(51581..51617)], trnV-UAC [complement(52221..52257)], rps12 [141410..141641], rps12 [142178..142203], clpP [complement(70487..70714)], clpP [complement(71348..71639)], clpP [complement(72434..72504)], petB [75506..75511], petB [76316..76957], rpl2 [complement(85337..85809)], rpl2 [complement(86436..86829)], ndhB [complement(96022..96777)], ndhB [complement(97367..98236)], trnI-GAU [103810..103846], trnI-GAU [104795..104829], trnA-UGC [104899..104936], trnA-UGC [105744..105778], ndhA [complement(120974..121519)], ndhA [complement(122583..123134)], trnA-UGC [complement(135514..135548)], trnA-UGC [complement(136356..136393)], trnI-GAU [complement(136463..136497)], trnI-GAU [complement(137446..137482)], ndhB [143056..143922], ndhB	trnK-UUU [complement(1709..4276)], trnG-UCC [7702..8398], atpF [complement(10943..11604)], rpoC1 [complement(21414..22168)], ycf3 [complement(42629..43399)], ycf3 [complement(43628..44348)], trnL-UAA [46823..47440], trnV-UAC [complement(51618..52220)], clpP [complement(70715..71347)], clpP [complement(71640..72433)], petB [75512..76315], rpl2 [complement(85810..86435)], ndhB [complement(96778..97366)], trnI-GAU [103847..104794], trnA-UGC [104937..105743], ndhA [complement(121520..122582)], trnA-UGC [complement(135549..136355)], trnI-GAU [complement(136498..137445)], ndhB [143923..144514], rpl2 [154854..155482]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144515..145270], rpl2 [154463..154853], rpl2 [155483..155955]	
2923.	POSE	40	trnK-UUU [complement(1307..1341)], trnK-UUU [complement(3914..3950)], trnG-UCC [9674..9696], trnG-UCC [10399..10446], trnL-UAA [47382..47416], trnL-UAA [47950..47999], trnV-UAC [complement(52361..52397)], trnV-UAC [complement(52992..53030)], rps12 [141814..141839], trnI-GAU [103403..103439], trnI-GAU [104381..104415], trnA-UGC [104480..104517], trnA-UGC [105342..105376], trnA-UGC [complement(135156..135190)], trnA-UGC [complement(136015..136052)], trnI-GAU [complement(136117..136151)], trnI-GAU [complement(137093..137129)]	trnK-UUU [complement(1342..3913)], rps16 [complement(4806..5672)], trnG-UCC [9697..10398], atpF [complement(12780..13560)], rpoC1 [complement(22738..23467)], ycf3 [complement(42744..43481)], ycf3 [complement(43710..44458)], trnL-UAA [47417..47949], trnV-UAC [complement(52398..52991)], clpP [complement(70826..71472)], clpP [complement(71765..72574)], petB [75542..76290], petD [77156..77906], rpl16 [complement(82255..83314)], rpl2 [complement(85574..86237)], ndhB [complement(96430..97123)], trnI-GAU [103440..104380], trnA-UGC [104518..105341], ndhA [complement(121497..122571)], trnA-UGC [complement(135191..136014)], trnI-GAU [complement(136152..137092)], ndhB [143409..144102], rpl2 [154295..154958]
2924.	POSI	42	trnK-UUU [complement(1591..1625)], trnK-UUU [complement(4250..4286)], trnG-UCC [8250..8273], trnG-UCC [9006..9053], ycf3 [complement(40463..40615)], trnL-UAA [45171..45205], trnL-UAA [45753..45805], trnV-UAC [complement(49280..49314)], trnV-UAC [complement(49911..49949)], rps12 [138614..138639], rpl2 [complement(81854..82285)], trnI-GAU [100491..100527], trnI-GAU [101468..101502], trnA-UGC [101567..101604], trnA-UGC [102429..102463], trnA-UGC [complement(131899..131933)], trnA-UGC [complement(132758..132796)], trnI-GAU [complement(132860..132894)], trnI-GAU [complement(133835..133871)]	trnK-UUU [complement(1626..4249)], rps16 [complement(5151..6020)], trnG-UCC [8274..9005], atpF [complement(11419..12193)], rpoC1 [complement(21824..22549)], ycf3 [complement(40616..41353)], ycf3 [complement(41582..42330)], trnL-UAA [45206..45752], trnV-UAC [complement(49315..49910)], clpP [complement(67345..67946)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(68239..69092)], petB [72098..72912], petD [73784..74529], rpl16 [complement(78907..79914)], rpl2 [complement(82286..82946)], ndhB [complement(93404..94097)], trnI-GAU [100528..101467], trnA-UGC [101605..102428], ndhA [complement(118074..119058)], trnA-UGC [complement(131934..132757)], trnI-GAU [complement(132895..133834)], ndhB [140265..140958], rpl2 [151413..152076]
2925.	POSM	60	rps12 [complement(99185..99211)], rps12 [complement(99748..99978)], rps12 [complement(70238..70351)], trnK-UUU [complement(1678..1706)], trnK-UUU [complement(4281..4317)], atpF [complement(10467..10877)], atpF [complement(11603..11746)], rpoC1 [complement(19814..21439)], rpoC1 [complement(22187..22621)], ycf3 [complement(42494..42646)], ycf3 [complement(43412..43639)], ycf3 [complement(44361..44489)], trnL-UAA [46800..46836], trnL-UAA [47453..47502], trnV-UAC [complement(51616..51652)], trnV-UAC [complement(52254..52292)], rps12 [141495..141725], rps12 [142262..142288], clpP [complement(70543..70770)], clpP [complement(71404..71694)], clpP [complement(72492..72560)], rpl16 [complement(82051..82451)], rpl16 [complement(83596..83605)], rpl2 [complement(85395..85865)], rpl2 [complement(86495..86887)], ndhB [complement(96118..96873)], ndhB [complement(97556..98332)], trnI-GAU [103906..103947], trnI-GAU [104891..104925], trnA-UGC [104995..105032], trnA-UGC [105840..105874], ndhA [complement(121068..121613)], ndhA [complement(122677..123228)], trnA-UGC [complement(135599..135633)], trnA-UGC [complement(136441..136478)], trnI-GAU [complement(136548..136582)], trnI-GAU [complement(137526..137567)], ndhB [143141..143917], ndhB [144600..145355], rpl2 [154586..154978], rpl2 [155608..156078]	trnK-UUU [complement(1707..4280)], atpF [complement(10878..11602)], rpoC1 [complement(21440..22186)], ycf3 [complement(42647..43411)], ycf3 [complement(43640..44360)], trnL-UAA [46837..47452], trnV-UAC [complement(51653..52253)], clpP [complement(70771..71403)], clpP [complement(71695..72491)], rpl16 [complement(82452..83595)], rpl2 [complement(85866..86494)], ndhB [complement(96874..97555)], trnI-GAU [103948..104890], trnA-UGC [105033..105839], ndhA [complement(121614..122676)], trnA-UGC [complement(135634..136440)], trnI-GAU [complement(136583..137525)], ndhB [143918..144599], rpl2 [154979..155607]
2926.	POSN	60	rps12 [complement(98944..98970)], rps12 [complement(99507..99737)],	trnK-UUU [complement(1720..4304)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(70117..70230)], trnK-UUU [complement(1691..1719)], trnK-UUU [complement(4305..4341)], atpF [complement(10435..10923)], atpF [complement(11571..11729)], rpoC1 [complement(19834..21459)], rpoC1 [complement(22219..22653)], ycf3 [complement(42595..42747)], ycf3 [complement(43476..43703)], ycf3 [complement(44425..44553)], trnL-UAA [46846..46882], trnL-UAA [47462..47511], trnV-UAC [complement(51534..51570)], trnV-UAC [complement(52171..52209)], rps12 [141737..141967], rps12 [142504..142530], clpP [complement(70416..70643)], clpP [complement(71314..71604)], clpP [complement(72443..72511)], rpl16 [complement(81974..82374)], rpl16 [complement(83515..83524)], rpl2 [complement(85379..85849)], rpl2 [complement(86479..86871)], ndhB [complement(96034..96789)], ndhB [complement(97469..98194)], trnI-GAU [103713..103754], trnI-GAU [104698..104732], trnA-UGC [104797..104834], trnA-UGC [105639..105673], ndhA [complement(121092..121637)], ndhA [complement(122704..123255)], trnA-UGC [complement(135801..135835)], trnA-UGC [complement(136640..136677)], trnI-GAU [complement(136742..136776)], trnI-GAU [complement(137720..137761)], ndhB [143280..144005], ndhB [144685..145440], rpl2 [154603..154995], rpl2 [155625..156095]</p>	<p>[complement(10924..11570)], rpoC1 [complement(21460..22218)], ycf3 [complement(42748..43475)], ycf3 [complement(43704..44424)], trnL-UAA [46883..47461], trnV-UAC [complement(51571..52170)], clpP [complement(70644..71313)], clpP [complement(71605..72442)], rpl16 [complement(82375..83514)], rpl2 [complement(85850..86478)], ndhB [complement(96790..97468)], trnI-GAU [103755..104697], trnA-UGC [104835..105638], ndhA [complement(121638..122703)], trnA-UGC [complement(135836..136639)], trnI-GAU [complement(136777..137719)], ndhB [144006..144684], rpl2 [154996..155624]</p>
2927.	POSO	69	<p>rps12 [complement(99409..99434)], rps12 [complement(99982..100213)], rps12 [complement(70966..71079)], trnK-UUU [complement(1742..1776)], trnK-UUU [complement(4280..4316)], rps16 [complement(5136..5365)], rps16 [complement(6250..6289)], trnG-UCC [9006..9028], trnG-UCC [9714..9761], rpoC1 [complement(20388..21998)], rpoC1 [complement(22767..23198)], ycf3 [complement(43500..43652)], ycf3 [complement(44448..44677)], ycf3 [complement(45378..45501)], trnL-UAA [48621..48657], trnL-UAA [49173..49220], trnV-UAC [complement(52624..52658)], trnV-UAC [complement(53260..53298)], rps12 [142012..142243], rps12 [142791..142816], clpP [complement(71284..71511)], clpP [complement(72159..72450)], clpP [complement(73326..73396)], petB [76346..76351], petB [77126..77773], petD [77971..77979], petD [78690..79163], rpl16 [complement(82677..83078)], rpl16</p>	<p>trnK-UUU [complement(1777..4279)], rps16 [complement(5366..6249)], trnG-UCC [9029..9713], rpoC1 [complement(21999..22766)], ycf3 [complement(43653..44447)], ycf3 [complement(44678..45377)], trnL-UAA [48658..49172], trnV-UAC [complement(52659..53259)], clpP [complement(71512..72158)], clpP [complement(72451..73325)], petB [76352..77125], petD [77980..78689], rpl16 [complement(83079..84084)], rpl2 [complement(86281..86979)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84085..84093)], rpl2 [complement(85847..86280)], rpl2 [complement(86980..87370)], ndhB [complement(96359..97114)], ndhB [complement(97791..98567)], trnI-GAU [104021..104057], trnI-GAU [105013..105047], trnA-UGC [105112..105149], trnA-UGC [105961..105995], ndhA [complement(121524..122063)], ndhA [complement(123295..123855)], trnA-UGC [complement(136230..136264)], trnA-UGC [complement(137076..137113)], trnI-GAU [complement(137178..137212)], trnI-GAU [complement(138168..138204)], ndhB [143658..144434], ndhB [145111..145866], rpl2 [154855..155245], rpl2 [155945..156378]	[complement(97115..97790)], trnI-GAU [104058..105012], trnA-UGC [105150..105960], ndhA [complement(122064..123294)], trnA-UGC [complement(136265..137075)], trnI-GAU [complement(137213..138167)], ndhB [144435..145110], rpl2 [155246..155944]
2928.	POSP	73	rps12 [complement(100117..100142)], rps12 [complement(100679..100910)], rps12 [complement(72182..72295)], trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4262..4298)], rps16 [complement(5065..5289)], rps16 [complement(6147..6185)], trnG [9810..9832], trnG [10528..10575], atpF [complement(12595..13002)], atpF [complement(13707..13865)], rpoC1 [complement(21800..23425)], rpoC1 [complement(24158..24592)], ycf3 [complement(44438..44590)], ycf3 [complement(45328..45555)], ycf3 [complement(46278..46403)], trnL-UAA [49651..49687], trnL-UAA [50210..50259], trnV-UAC [complement(53397..53433)], trnV-UAC [complement(54020..54058)], rps12 [complement(72182..72295)], rps12 [142754..142985], rps12 [143522..143547], clpP [complement(72445..72729)], clpP [complement(73269..73559)], clpP [complement(74356..74424)], petB [77332..77337], petB [78100..78756], petD [78945..78953], petD [79650..80174], rpl16 [complement(83645..84046)], rpl16 [complement(85062..85070)], rpl2 [complement(86704..87138)], rpl2 [complement(87806..88198)], ndhB [complement(97059..97814)], ndhB [complement(98494..99270)], trnI-GAU [104840..104881], trnI-GAU [105829..105863], trnA-UGC [105928..105965], trnA-UGC [106778..106812], ndhA [complement(122310..122849)], ndhA [complement(123942..124493)], trnA-UGC [complement(136852..136886)], trnA-UGC [complement(137699..137736)], trnI-GAU [complement(137801..137835)], trnI-GAU [complement(138783..138824)], ndhB [144394..145170], ndhB [145850..146605], rpl2 [155466..155855], rpl2 [156526..156960]	trnK-UUU [complement(1775..4261)], rps16 [complement(5290..6146)], trnG [9833..10527], atpF [complement(13003..13706)], rpoC1 [complement(23426..24157)], ycf3 [complement(44591..45327)], ycf3 [complement(45556..46277)], trnL-UAA [49688..50209], trnV-UAC [complement(53434..54019)], clpP [complement(72730..73268)], clpP [complement(73560..74355)], petB [77338..78099], petD [78954..79649], rpl16 [complement(84047..85061)], rpl2 [complement(87139..87805)], ndhB [complement(97815..98493)], trnI-GAU [104882..105828], trnA-UGC [105966..106777], ndhA [complement(122850..123941)], trnA-UGC [complement(136887..137698)], trnI-GAU [complement(137836..138782)], ndhB [145171..145849], rpl2 [155856..156525]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2929.	POST	4	rps12 [complement(96266..96291)], rps12 [complement(96828..97059)], rps12 [137778..138009], rps12 [138546..138571]	-
2930.	POSZ	60	rps12 [complement(99206..99232)], rps12 [complement(99769..99999)], rps12 [complement(70184..70297)], trnK-UUU [complement(1671..1699)], trnK-UUU [complement(4262..4298)], atpF [complement(10458..10868)], atpF [complement(11580..11723)], rpoC1 [complement(19734..21359)], rpoC1 [complement(22131..22565)], ycf3 [complement(42538..42690)], ycf3 [complement(43435..43662)], ycf3 [complement(44384..44512)], trnL-UAA [46829..46865], trnL-UAA [47452..47501], trnV-UAC [complement(51600..51636)], trnV-UAC [complement(52238..52276)], rps12 [141587..141817], rps12 [142354..142380], clpP [complement(70483..70710)], clpP [complement(71339..71629)], clpP [complement(72429..72497)], rpl16 [complement(82010..82410)], rpl16 [complement(83603..83612)], rpl2 [complement(85398..85868)], rpl2 [complement(86498..86890)], ndhB [complement(96128..96883)], ndhB [complement(97566..98342)], trnI-GAU [103922..103963], trnI-GAU [104907..104941], trnA-UGC [105006..105043], trnA-UGC [105846..105880], ndhA [complement(121076..121621)], ndhA [complement(122742..123293)], trnA-UGC [complement(135706..135740)], trnA-UGC [complement(136543..136580)], trnI-GAU [complement(136645..136679)], trnI-GAU [complement(137623..137664)], ndhB [143244..144020], ndhB [144703..145458], rpl2 [154696..155088], rpl2 [155718..156188]	trnK-UUU [complement(1700..4261)], atpF [complement(10869..11579)], rpoC1 [complement(21360..22130)], ycf3 [complement(42691..43434)], ycf3 [complement(43663..44383)], trnL-UAA [46866..47451], trnV-UAC [complement(51637..52237)], clpP [complement(70711..71338)], clpP [complement(71630..72428)], rpl16 [complement(82411..83602)], rpl2 [complement(85869..86497)], ndhB [complement(96884..97565)], trnI-GAU [103964..104906], trnA-UGC [105044..105845], ndhA [complement(121622..122741)], trnA-UGC [complement(135741..136542)], trnI-GAU [complement(136680..137622)], ndhB [144021..144702], rpl2 [155089..155717]
2931.	POTE	39	rps12 [complement(98678..98703)], rps12 [complement(99240..99471)], rps12 [complement(69739..69852)], atpF [complement(10456..10925)], atpF [complement(11591..11738)], rpoC1 [complement(19729..21345)], rpoC1 [complement(22128..22583)], ycf3 [complement(42414..42566)], ycf3 [complement(43275..43502)], ycf3 [complement(44233..44361)], rps12 [140974..141205], rps12 [141742..141767], clpP [complement(70045..70272)], clpP [complement(70904..71195)], clpP [complement(71990..72060)], petB [75089..75094], petB [75899..76540], rpl2 [complement(84935..85407)], rpl2 [complement(86034..86427)], ndhB [complement(95611..96366)], ndhB [complement(96956..97825)], ndhA [complement(120539..121084)], ndhA	atpF [complement(10926..11590)], rpoC1 [complement(21346..22127)], ycf3 [complement(42567..43274)], ycf3 [complement(43503..44232)], clpP [complement(70273..70903)], clpP [complement(71196..71989)], petB [75095..75898], rpl2 [complement(85408..86033)], ndhB [complement(96367..96955)], ndhA [complement(121085..122158)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(122159..122710)], ndhB [142620..143486], ndhB [144079..144834], rpl2 [154018..154408], rpl2 [155038..155510]	[143487..144078], rpl2 [154409..155037]
2932.	POTI	44	trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3918..3954)], rps16 [complement(4512..4729)], trnG-UCC [complement(12759..12806)], trnG-UCC [complement(13488..13510)], trnL-UAA [45692..45726], trnL-UAA [46264..46313], trnV-UAC [complement(49746..49782)], trnV-UAC [complement(50386..50424)], rps12 [126385..126413], rpl2 [complement(79983..80413)], rpl2 [complement(81077..81467)], trnI-GAU [92772..92808], trnI-GAU [93615..93649], trnA-UGC [93715..93752], trnA-UGC [94564..94598], ndhA [complement(110533..111071)], ndhA [complement(112115..112664)], trnA-UGC [complement(120014..120048)], trnA-UGC [complement(120860..120897)], trnI-GAU [complement(120963..120997)], trnI-GAU [complement(121804..121840)], rpl2 [133145..133535], rpl2 [134199..134629]	trnK-UUU [complement(1418..3917)], rps16 [complement(4730..5560)], trnG-UCC [complement(12807..13487)], atpF [32184..32986], ycf3 [complement(41361..42080)], ycf3 [complement(42309..43053)], trnL-UAA [45727..46263], trnV-UAC [complement(49783..50385)], petB [70226..70987], petD [71827..72566], rpl16 [complement(77049..77970)], rpl2 [complement(80414..81076)], ndhB [complement(85883..86594)], trnI-GAU [92809..93614], trnA-UGC [93753..94563], ndhA [complement(111072..112114)], trnA-UGC [complement(120049..120859)], trnI-GAU [complement(120998..121803)], ndhB [128018..128729], rpl2 [133536..134198]
2933.	POTM	63	rps12 [complement(98964..98989)], rps12 [complement(99526..99757)], rps12 [complement(70053..70166)], trnK-UUU [complement(1685..1719)], trnK-UUU [complement(4285..4321)], trnG-UCC [7653..7674], trnG-UCC [8371..8421], atpF [complement(10458..10927)], atpF [complement(11591..11738)], rpoC1 [complement(19750..21366)], rpoC1 [complement(22151..22606)], ycf3 [complement(42446..42598)], ycf3 [complement(43334..43561)], ycf3 [complement(44283..44411)], trnL-UAA [46725..46760], trnL-UAA [47359..47407], trnV-UAC [complement(51514..51550)], trnV-UAC [complement(52154..52190)], rps12 [141353..141584], rps12 [142121..142146], clpP [complement(70359..70586)], clpP [complement(71216..71507)], clpP [complement(72306..72376)], petB [75403..75408], petB [76213..76854], rpl2 [complement(85215..85687)], rpl2 [complement(86314..86707)], ndhB [complement(95891..96646)], ndhB	trnK-UUU [complement(1720..4284)], trnG-UCC [7675..8370], atpF [complement(10928..11590)], rpoC1 [complement(21367..22150)], ycf3 [complement(42599..43333)], ycf3 [complement(43562..44282)], trnL-UAA [46761..47358], trnV-UAC [complement(51551..52153)], clpP [complement(70587..71215)], clpP [complement(71508..72305)], petB [75409..76212], rpl2 [complement(85688..86313)], ndhB [complement(96647..97235)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97236..98105)], trnI-GAU [103706..103742], trnI-GAU [104691..104725], trnA-UGC [104790..104827], trnA-UGC [105630..105664], ndhA [complement(120914..121459)], ndhA [complement(122529..123080)], trnA-UGC [complement(135446..135480)], trnA-UGC [complement(136283..136320)], trnI-GAU [complement(136385..136419)], trnI-GAU [complement(137368..137404)], ndhB [143005..143871], ndhB [144464..145219], rpl2 [154403..154793], rpl2 [155423..155895]	[103743..104690], trnA-UGC [104828..105629], ndhA [complement(121460..122528)], trnA-UGC [complement(135481..136282)], trnI-GAU [complement(136420..137367)], ndhB [143872..144463], rpl2 [154794..155422]
2934.	POTN	60	rps12 [complement(99042..99068)], rps12 [complement(99605..99835)], rps12 [complement(70239..70352)], trnK-UUU [complement(1672..1700)], trnK-UUU [complement(4275..4311)], atpF [complement(10451..10861)], atpF [complement(11588..11731)], rpoC1 [complement(19777..21402)], rpoC1 [complement(22151..22585)], ycf3 [complement(42504..42656)], ycf3 [complement(43423..43650)], ycf3 [complement(44372..44500)], trnL-UAA [46810..46846], trnL-UAA [47465..47514], trnV-UAC [complement(51634..51670)], trnV-UAC [complement(52272..52310)], rps12 [141377..141607], rps12 [142144..142170], clpP [complement(70552..70779)], clpP [complement(71409..71699)], clpP [complement(72501..72569)], rpl16 [complement(82065..82465)], rpl16 [complement(83611..83620)], rpl2 [complement(85363..85833)], rpl2 [complement(86463..86855)], ndhB [complement(95975..96730)], ndhB [complement(97413..98189)], trnI-GAU [103763..103804], trnI-GAU [104748..104782], trnA-UGC [104852..104889], trnA-UGC [105697..105731], ndhA [complement(120947..121492)], ndhA [complement(122557..123108)], trnA-UGC [complement(135481..135515)], trnA-UGC [complement(136323..136360)], trnI-GAU [complement(136430..136464)], trnI-GAU [complement(137408..137449)], ndhB [143023..143799], ndhB [144482..145237], rpl2 [154357..154749], rpl2 [155379..155849]	trnK-UUU [complement(1701..4274)], atpF [complement(10862..11587)], rpoC1 [complement(21403..22150)], ycf3 [complement(42657..43422)], ycf3 [complement(43651..44371)], trnL-UAA [46847..47464], trnV-UAC [complement(51671..52271)], clpP [complement(70780..71408)], clpP [complement(71700..72500)], rpl16 [complement(82466..83610)], rpl2 [complement(85834..86462)], ndhB [complement(96731..97412)], trnI-GAU [103805..104747], trnA-UGC [104890..105696], ndhA [complement(121493..122556)], trnA-UGC [complement(135516..136322)], trnI-GAU [complement(136465..137407)], ndhB [143800..144481], rpl2 [154750..155378]
2935.	POTO	26	ndhA [complement(9877..10425)], ndhA [complement(11178..11735)], ycf3 [34035..34158], ycf3 [34851..35080], ycf3 [35796..35954], petB [51974..51979], petB [52746..53387], petD [53620..53627], petD [54249..54738], rpl2 [complement(61137..61567)], rpl2 [complement(62265..62664)], rps12 [63304..63417], rps12 [107650..107881],	ndhA [complement(10426..11177)], ycf3 [34159..34850], ycf3 [35081..35795], petB [51980..52745], petD [53628..54248], rpl2 [complement(61568..62264)], atpF [92701..93430], ndhB [110203..110920]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [108443..108474], atpF [92556..92700], atpF [93431..93849], ndhB [109480..110202], ndhB [110921..111679]	
2936.	POTR	69	rps12 [complement(99446..99472)], rps12 [complement(100009..100239)], rps12 [complement(70463..70576)], trnK [complement(1681..1715)], trnK [complement(4273..4309)], trnG [7710..7732], trnG [8432..8479], atpF [complement(10501..10911)], atpF [complement(11637..11780)], rpoC1 [complement(19793..21409)], rpoC1 [complement(22189..22641)], ycf3 [complement(42698..42850)], ycf3 [complement(43639..43866)], ycf3 [complement(44592..44717)], trnL [47028..47062], trnL [47659..47708], trnV [complement(51838..51872)], trnV [complement(52476..52514)], rps12 [141924..142154], rps12 [142691..142717], clpP [complement(70774..71001)], clpP [complement(71632..71923)], clpP [complement(72738..72808)], petB [75835..75840], petB [76651..77292], petD [77519..77527], petD [78323..78811], rpl16 [complement(82315..82713)], rpl16 [complement(83829..83837)], rpl2 [complement(85689..86123)], rpl2 [complement(86792..87181)], ndhB [complement(96374..97129)], ndhB [complement(97812..98588)], trnI [104183..104219], trnI [105168..105202], trnA [105272..105309], trnA [106112..106146], ndhA [complement(121399..121944)], ndhA [complement(123070..123621)], trnA [complement(136017..136051)], trnA [complement(136854..136891)], trnI [complement(136961..136995)], trnI [complement(137944..137980)], ndhB [143575..144351], ndhB [145034..145789], rpl2 [154982..155371], rpl2 [156040..156474]	trnK [complement(1716..4272)], trnG [7733..8431], atpF [complement(10912..11636)], rpoC1 [complement(21410..22188)], ycf3 [complement(42851..43638)], ycf3 [complement(43867..44591)], trnL [47063..47658], trnV [complement(51873..52475)], clpP [complement(71002..71631)], clpP [complement(71924..72737)], petB [75841..76650], petD [77528..78322], rpl16 [complement(82714..83828)], rpl2 [complement(86124..86791)], ndhB [complement(97130..97811)], trnI [104220..105167], trnA [105310..106111], ndhA [complement(121945..123069)], trnA [complement(136052..136853)], trnI [complement(136996..137943)], ndhB [144352..145033], rpl2 [155372..156039]
2937.	POVE	40	trnK-UUU [complement(1515..1549)], trnK-UUU [complement(4250..4286)], trnG-UCC [8603..8626], trnG-UCC [9329..9376], trnL-UAA [45932..45966], trnL-UAA [46500..46549], trnV-UAC [complement(50044..50078)], trnV-UAC [complement(50675..50713)], rps12 [140421..140446], trnI-GAU [102094..102130], trnI-GAU [103071..103105], trnA-UGC [103170..103207], trnA-UGC [104032..104066], trnA-UGC [complement(133668..133702)], trnA-UGC [complement(134527..134565)], trnI-GAU [complement(134629..134663)], trnI-GAU [complement(135604..135640)]	trnK-UUU [complement(1550..4249)], rps16 [complement(5258..6178)], trnG-UCC [8627..9328], atpF [complement(11711..12499)], rpoC1 [complement(22219..22945)], ycf3 [complement(41287..42024)], ycf3 [complement(42253..43002)], trnL-UAA [45967..46499], trnV-UAC [complement(50079..50674)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(69048..69704)], clpP [complement(69997..70845)], petB [73812..74622], petD [75494..76239], rpl16 [complement(80587..81598)], rpl2 [complement(83993..84653)], ndhB [complement(94970..95663)], trnI-GAU [102131..103070], trnA-UGC [103208..104031], ndhA [complement(119753..120766)], trnA-UGC [complement(133703..134526)], trnI-GAU [complement(134664..135603)], ndhB [142071..142764], rpl2 [153081..153741]
2938.	POWI	66	rps12 [complement(100860..101102)], rps12 [complement(71223..71336)], trnK-UUU [complement(1678..1706)], trnK-UUU [complement(4269..4305)], atpF [complement(10571..10980)], atpF [complement(11693..11837)], rpoC1 [complement(19880..21496)], rpoC1 [complement(22366..22797)], psbC [33911..33975], psbC [33978..34862], psbC [34921..35434], ycf3 [complement(43046..43198)], ycf3 [complement(43999..44226)], ycf3 [complement(44993..45118)], trnL-UAA [47433..47469], trnL-UAA [48156..48205], trnV-UAC [complement(52407..52443)], trnV-UAC [complement(53045..53083)], rps12 [142928..143170], clpP [complement(71522..71750)], clpP [complement(72390..72680)], clpP [complement(73513..73580)], petB [76591..76601], petB [77388..78042], rpl16 [complement(83084..83485)], rpl16 [complement(84610..84618)], rpl2 [complement(86509..86943)], rpl2 [complement(87612..88001)], ndhB [complement(97194..97949)], ndhB [complement(98632..99408)], trnI-GAU [105067..105108], trnI-GAU [106052..106086], trnA-UGC [106156..106193], trnA-UGC [106996..107030], ndhA [complement(122358..122902)], ndhA [complement(124023..124575)], trnA-UGC [complement(137000..137034)], trnA-UGC [complement(137837..137874)], trnI-GAU [complement(137944..137978)], trnI-GAU [complement(138922..138963)], ndhB [144622..145398], ndhB [146081..146836], rpl2 [156029..156419], rpl2	trnK-UUU [complement(1707..4268)], atpF [complement(10981..11692)], rpoC1 [complement(21497..22365)], psbC [33976..33977], psbC [34863..34920], ycf3 [complement(43199..43998)], ycf3 [complement(44227..44992)], trnL-UAA [47470..48155], trnV-UAC [complement(52444..53044)], clpP [complement(71751..72389)], clpP [complement(72681..73512)], petB [76602..77387], rpl16 [complement(83486..84609)], rpl2 [complement(86944..87611)], ndhB [complement(97950..98631)], trnI-GAU [105109..106051], trnA-UGC [106194..106995], ndhA [complement(122903..124022)], trnA-UGC [complement(137035..137836)], trnI-GAU [complement(137979..138921)], ndhB [145399..146080], rpl2 [156420..157087]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[157088..157521]	
2939.	POXI	63	rps12 [complement(99061..99086)], rps12 [complement(99623..99854)], rps12 [complement(70195..70308)], trnK-UUU [complement(1672..1706)], trnK-UUU [complement(4250..4286)], trnG-UCC [7620..7641], trnG-UCC [8341..8391], atpF [complement(10404..10873)], atpF [complement(11522..11669)], rpoC1 [complement(19661..21277)], rpoC1 [complement(22069..22524)], ycf3 [complement(42521..42673)], ycf3 [complement(43410..43637)], ycf3 [complement(44359..44487)], trnL-UAA [46795..46830], trnL-UAA [47425..47473], trnV-UAC [complement(51583..51619)], trnV-UAC [complement(52228..52264)], rps12 [141424..141655], rps12 [142192..142217], clpP [complement(70494..70721)], clpP [complement(71349..71640)], clpP [complement(72437..72507)], petB [75517..75522], petB [76327..76968], rpl2 [complement(85370..85842)], rpl2 [complement(86469..86862)], ndhB [complement(95989..96744)], ndhB [complement(97334..98203)], trnI-GAU [103777..103813], trnI-GAU [104762..104796], trnA-UGC [104861..104898], trnA-UGC [105701..105735], ndhA [complement(120919..121464)], ndhA [complement(122579..123130)], trnA-UGC [complement(135543..135577)], trnA-UGC [complement(136380..136417)], trnI-GAU [complement(136482..136516)], trnI-GAU [complement(137465..137501)], ndhB [143075..143941], ndhB [144534..145289], rpl2 [154416..154806], rpl2 [155436..155908]	trnK-UUU [complement(1707..4249)], trnG-UCC [7642..8340], atpF [complement(10874..11521)], rpoC1 [complement(21278..22068)], ycf3 [complement(42674..43409)], ycf3 [complement(43638..44358)], trnL-UAA [46831..47424], trnV-UAC [complement(51620..52227)], clpP [complement(70722..71348)], clpP [complement(71641..72436)], petB [75523..76326], rpl2 [complement(85843..86468)], ndhB [complement(96745..97333)], trnI-GAU [103814..104761], trnA-UGC [104899..105700], ndhA [complement(121465..122578)], trnA-UGC [complement(135578..136379)], trnI-GAU [complement(136517..137464)], ndhB [143942..144533], rpl2 [154807..155435]
2940.	POYA	4	rps12 [complement(97049..97074)], rps12 [complement(97611..97842)], rps12 [138657..138888], rps12 [139425..139450]	-
2941.	POYU	60	rps12 [complement(99041..99067)], rps12 [complement(99604..99834)], rps12 [complement(70070..70183)], trnK-UUU [complement(1676..1704)], trnK-UUU [complement(4269..4305)], atpF [complement(10456..10866)], atpF [complement(11595..11738)], rpoC1 [complement(19782..21407)], rpoC1 [complement(22154..22588)], ycf3 [complement(42433..42585)], ycf3 [complement(43350..43577)], ycf3 [complement(44299..44427)], trnL-UAA [46737..46773], trnL-UAA [47385..47434], trnV-UAC [complement(51505..51541)], trnV-UAC [complement(52143..52181)], rps12 [141303..141533], rps12 [142070..142096], clpP [complement(70375..70602)],	trnK-UUU [complement(1705..4268)], atpF [complement(10867..11594)], rpoC1 [complement(21408..22153)], ycf3 [complement(42586..43349)], ycf3 [complement(43578..44298)], trnL-UAA [46774..47384], trnV-UAC [complement(51542..52142)], clpP [complement(70603..71233)], clpP [complement(71525..72323)], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(71234..71524)], clpP [complement(72324..72392)], rpl16 [complement(81906..82306)], rpl16 [complement(83452..83461)], rpl2 [complement(85251..85721)], rpl2 [complement(86351..86743)], ndhB [complement(95974..96729)], ndhB [complement(97412..98188)], trnI-GAU [103762..103803], trnI-GAU [104747..104781], trnA-UGC [104851..104888], trnA-UGC [105696..105730], ndhA [complement(120929..121474)], ndhA [complement(122537..123088)], trnA-UGC [complement(135407..135441)], trnA-UGC [complement(136249..136286)], trnI-GAU [complement(136356..136390)], trnI-GAU [complement(137334..137375)], ndhB [142949..143725], ndhB [144408..145163], rpl2 [154394..154786], rpl2 [155416..155886]</p>	<p>[complement(82307..83451)], rpl2 [complement(85722..86350)], ndhB [complement(96730..97411)], trnI-GAU [103804..104746], trnA-UGC [104889..105695], ndhA [complement(121475..122536)], trnA-UGC [complement(135442..136248)], trnI-GAU [complement(136391..137333)], ndhB [143726..144407], rpl2 [154787..155415]</p>
2942.	PRAN	1	rps12 [151679..151704]	-
2943.	PRAR	64	<p>rps12 [complement(100215..100244)], rps12 [complement(100781..101008)], rps12 [complement(71763..71876)], atpF [complement(11972..12382)], atpF [complement(13128..13271)], rpoC1 [complement(21371..22986)], rpoC1 [complement(23741..24176)], ycf3 [complement(44304..44458)], ycf3 [complement(45222..45447)], ycf3 [complement(46163..46288)], trnL-UAA [49280..49316], trnL-UAA [49831..49880], trnV-UAC [complement(53447..53483)], trnV-UAC [complement(54074..54112)], rps12 [complement(71763..71876)], rps12 [143349..143579], rps12 [144113..144142], clpP [complement(72065..72292)], clpP [complement(72944..73233)], clpP [complement(74040..74109)], petB [77039..77043], petB [77797..78439], petD [78627..78633], petD [79378..79853], rpl16 [complement(83352..83749)], rpl16 [complement(84762..84771)], rpl2 [complement(86546..87015)], rpl2 [complement(87663..88047)], ndhB [complement(97161..97916)], ndhB [complement(98597..99373)], trnI-GAU [104795..104836], trnI-GAU [105780..105814], trnA-UGC [105879..105916], trnA-UGC [106724..106758], ndhA [complement(122900..123440)], ndhA [complement(124582..125132)], trnA-UGC [complement(137599..137633)], trnA-UGC [complement(138441..138478)], trnI-GAU [complement(138600..138634)], trnI-GAU [complement(139578..139619)], ndhB [144984..145760], ndhB</p>	<p>atpF [complement(12383..13127)], rpoC1 [complement(22987..23740)], ycf3 [complement(44459..45221)], ycf3 [complement(45448..46162)], trnL-UAA [49317..49830], trnV-UAC [complement(53484..54073)], clpP [complement(72293..72943)], clpP [complement(73234..74039)], petB [77044..77796], petD [78634..79377], rpl16 [complement(83750..84761)], rpl2 [complement(87016..87662)], ndhB [complement(97917..98596)], trnI-GAU [104837..105779], trnA-UGC [105917..106723], ndhA [complement(123441..124581)], trnA-UGC [complement(137634..138440)], trnI-GAU [complement(138635..139577)], ndhB [145761..146440], rpl2 [156695..157341]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146441..147196], rpl2 [156310..156694], rpl2 [157342..157811]	
2944.	PRAV	72	rps12 [complement(99921..99946)], rps12 [complement(100483..100714)], rps12 [complement(71416..71529)], trnK-UUU [complement(1721..1755)], trnK-UUU [complement(4297..4333)], rps16 [complement(5244..5471)], rps16 [complement(6342..6377)], trnG-UCC [8608..8630], trnG-UCC [9345..9391], atpF [complement(11558..11968)], atpF [complement(12711..12854)], rpoC1 [complement(20938..22553)], rpoC1 [complement(23325..23760)], ycf3 [complement(43899..44053)], ycf3 [complement(44831..45056)], ycf3 [complement(45766..45891)], trnL-UAA [48896..48932], trnL-UAA [49447..49496], trnV-UAC [complement(53077..53113)], trnV-UAC [complement(53703..53741)], rps12 [143164..143395], rps12 [143932..143957], clpP [complement(71718..71945)], clpP [complement(72606..72895)], clpP [complement(73705..73774)], petB [76701..76706], petB [77461..78102], petD [78290..78298], petD [79034..79516], rpl16 [complement(83027..83347)], rpl16 [complement(84459..84467)], rpl2 [complement(86244..86713)], rpl2 [complement(87361..87745)], ndhB [complement(96859..97614)], ndhB [complement(98295..99071)], trnI-GAU [104512..104553], trnI-GAU [105497..105531], trnA-UGC [105596..105633], trnA-UGC [106441..106475], ndhA [complement(122724..123263)], ndhA [complement(124406..124957)], trnA-UGC [complement(137403..137437)], trnA-UGC [complement(138245..138282)], trnI-GAU [complement(138347..138381)], trnI-GAU [complement(139325..139366)], ndhB [144807..145583], ndhB [146264..147019], rpl2 [156133..156517], rpl2 [157165..157634]	trnK-UUU [complement(1756..4296)], rps16 [complement(5472..6341)], trnG-UCC [8631..9344], atpF [complement(11969..12710)], rpoC1 [complement(22554..23324)], ycf3 [complement(44054..44830)], ycf3 [complement(45057..45765)], trnL-UAA [48933..49446], trnV-UAC [complement(53114..53702)], clpP [complement(71946..72605)], clpP [complement(72896..73704)], petB [76707..77460], petD [78299..79033], rpl16 [complement(83348..84458)], rpl2 [complement(86714..87360)], ndhB [complement(97615..98294)], trnI-GAU [104554..105496], trnA-UGC [105634..106440], ndhA [complement(123264..124405)], trnA-UGC [complement(137438..138244)], trnI-GAU [complement(138382..139324)], ndhB [145584..146263], rpl2 [156518..157164]
2945.	PRCA	16	rps12 [complement(99918..99943)], rps12 [complement(100480..100711)], rps12 [complement(71389..71502)], rps12 [143175..143406], rps12 [143943..143968], petB [76701..76706], petB [77465..78106], petD [78294..78301], petD [79045..79519], rpl16 [complement(83030..83428)], rpl16 [complement(84440..84448)]	trnK-UUU [complement(1729..4257)], rps16 [complement(5446..6311)], petB [76707..77464], petD [78302..79044], rpl16 [complement(83429..84439)]
2946.	PRCE	72	rps12 [complement(99720..99745)], rps12 [complement(100282..100513)], rps12 [complement(71230..71343)], trnK-UUU [complement(1788..1822)], trnK-UUU [complement(4350..4386)], rps16 [complement(5311..5540)], rps16	trnK-UUU [complement(1823..4349)], rps16 [complement(5541..6391)], trnG-UCC [8703..9418], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6392..6431)], trnG-UCC [8680..8702], trnG-UCC [9419..9465], atpF [complement(11617..12026)], atpF [complement(12772..12916)], rpoC1 [complement(20992..22608)], rpoC1 [complement(23369..23803)], ycf3 [complement(43923..44075)], ycf3 [complement(44853..45080)], ycf3 [complement(45799..45924)], trnL-UAA [48930..48966], trnL-UAA [49476..49525], trnV-UAC [complement(52871..52907)], trnV-UAC [complement(53497..53535)], rps12 [142965..143196], rps12 [143733..143758], clpP [complement(71532..71759)], clpP [complement(72425..72713)], clpP [complement(73524..73594)], petB [76516..76521], petB [77274..77915], petD [78103..78110], petD [78855..79329], rpl16 [complement(82849..83247)], rpl16 [complement(84250..84258)], rpl2 [complement(86043..86476)], rpl2 [complement(87160..87544)], ndhB [complement(96658..97413)], ndhB [complement(98094..98870)], trnI-GAU [104302..104343], trnI-GAU [105287..105321], trnA-UGC [105386..105423], trnA-UGC [106231..106265], ndhA [complement(122503..123041)], ndhA [complement(124177..124729)], trnA-UGC [complement(137213..137247)], trnA-UGC [complement(138055..138092)], trnI-GAU [complement(138157..138191)], trnI-GAU [complement(139135..139176)], ndhB [144608..145384], ndhB [146065..146820], rpl2 [155934..156318], rpl2 [157002..157435]	[complement(12027..12771)], rpoC1 [complement(22609..23368)], ycf3 [complement(44076..44852)], ycf3 [complement(45081..45798)], trnL-UAA [48967..49475], trnV-UAC [complement(52908..53496)], clpP [complement(71760..72424)], clpP [complement(72714..73523)], petB [76522..77273], petD [78111..78854], rpl16 [complement(83248..84249)], rpl2 [complement(86477..87159)], ndhB [complement(97414..98093)], trnI-GAU [104344..105286], trnA-UGC [105424..106230], ndhA [complement(123042..124176)], trnA-UGC [complement(137248..138054)], trnI-GAU [complement(138192..139134)], ndhB [145385..146064], rpl2 [156319..157001]
2947.	PRCH	26	rps12 [138204..138230], trnA-UGC [102163..102200], trnA-UGC [103009..103043]	trnK-UUU [complement(1829..4330)], rps16 [complement(5374..6181)], trnG-UCC [8877..9568], atpF [complement(11993..12695)], rpoC1 [complement(22050..22774)], pafI [complement(42070..42779)], pafI [complement(43008..43725)], trnL-UAA [46962..47466], trnV-UAC [complement(51228..51801)], clpP [complement(69673..70283)], clpP [complement(70575..71433)], petB [74457..75232], petD [76068..76845], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(81150..81952)], rpl2 [complement(84017..84674)], ndhB [complement(94654..95332)], trnI-GAU [101310..102063], trnA-UGC [102201..103008], ndhA [complement(118427..119491)], trnA-UGC [complement(132160..132967)], trnI-GAU [complement(133105..133858)], ndhB [139836..140514], rpl2 [150494..151151]
2948.	PRCL	31	trnK-UUU [complement(1763..1788)], trnK-UUU [complement(4349..4385)], trnL-UAA [46963..46999], trnL-UAA [47434..47483], ndhK [complement(48857..49546)], ndhK [complement(49602..49727)], trnV-UAC [complement(50965..51001)], trnV-UAC [complement(51575..51612)], rps12 [complement(69566..69700)], rps12 [complement(98839..99084)], rps12 [complement(69587..69700)], rps12 [137282..137530], trnA-UGC [132191..132225], trnA-UGC [132878..132915]	trnK-UUU [complement(1789..4348)], rpoC1 [17221..17884], rpoC1 [18542..18557], atpF [26987..27697], atpF [27821..27833], ycf3 [complement(42340..43093)], ycf3 [complement(43322..44009)], trnL-UAA [47000..47433], ndhK [complement(49547..49601)], trnV-UAC [complement(51002..51574)], clpP [complement(70083..70705)], clpP [complement(70997..71810)], rpl2 [complement(85634..86192)], ndhB [complement(96045..96714)], trnA-UGC [132226..132877], ndhB [139652..140321], rpl2 [150274..150725]
2949.	PRDA	41	rps12 [complement(71752..71865)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4266..4302)], trnG-UCC [8903..8925], trnG-UCC [9654..9700], trnL-UAA [49297..49333], trnL-UAA [49848..49897], trnV- UAC [complement(53383..53419)], trnV-UAC [complement(54010..54048)], rps12 [144109..144134], trnI-GAU [104750..104791], trnI-GAU [105735..105769], trnA-UGC [105834..105871], trnA-UGC [106679..106713], trnA-UGC [complement(137591..137625)], trnA-UGC [complement(138433..138470)], trnI-GAU [complement(138535..138569)],	trnK-UUU [complement(1731..4265)], rps16 [complement(5466..6331)], trnG-UCC [8926..9653], atpF [complement(12357..13101)], rpoC1 [complement(22969..23716)], ycf3 [complement(44459..45228)], ycf3 [complement(45457..46171)], trnL-UAA [49334..49847], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139513..139554)]	[complement(53420..54009)], clpP [complement(72282..72900)], clpP [complement(73192..74001)], petB [77005..77753], petD [78591..79339], rpl16 [complement(83722..84710)], rpl2 [complement(86936..87618)], ndhB [complement(97872..98551)], trnI-GAU [104792..105734], trnA-UGC [105872..106678], ndhA [complement(123451..124588)], trnA-UGC [complement(137626..138432)], trnI-GAU [complement(138570..139512)], ndhB [145753..146432], rpl2 [156686..157368]
2950.	PRDU	67	rps12 [complement(100312..100554)], rps12 [complement(71304..71417)], trnK-UUU [complement(1603..1637)], trnK-UUU [complement(4177..4213)], rps16 [complement(5123..5348)], rps16 [complement(6219..6259)], atpF [complement(11798..12208)], atpF [complement(12953..13096)], rpoC1 [complement(21189..22805)], rpoC1 [complement(23560..23994)], ycf3 [complement(44091..44243)], ycf3 [complement(45010..45237)], ycf3 [complement(45945..46070)], trnL-UAA [49089..49125], trnL-UAA [49640..49689], trnV-UAC [complement(53242..53278)], trnV-UAC [complement(53869..53907)], rps12 [142849..143091], clpP [complement(71606..71833)], clpP [complement(72478..72766)], clpP [complement(73576..73646)], petB [76578..76583], petB [77333..77980], petD [78168..78175], petD [78919..79393], rpl16 [complement(82894..83292)], rpl16 [complement(84305..84313)], rpl2 [complement(86092..86526)], rpl2 [complement(87210..87593)], ndhB [complement(96707..97462)], ndhB [complement(98143..98919)], trnI-GAU [104341..104382], trnI-GAU [105326..105360], trnA-UGC [105425..105462], trnA-UGC [106270..106304], ndhA [complement(122428..122967)], ndhA [complement(124109..124660)], trnA-UGC [complement(137099..137133)], trnA-UGC [complement(137941..137978)], trnI-GAU [complement(138043..138077)],	trnK-UUU [complement(1638..4176)], rps16 [complement(5349..6218)], atpF [complement(12209..12952)], rpoC1 [complement(22806..23559)], ycf3 [complement(44244..45009)], ycf3 [complement(45238..45944)], trnL-UAA [49126..49639], trnV-UAC [complement(53279..53868)], clpP [complement(71834..72477)], clpP [complement(72767..73575)], petB [76584..77332], petD [78176..78918], rpl16 [complement(83293..84304)], rpl2 [complement(86527..87209)], ndhB [complement(97463..98142)], trnI-GAU [104383..105325], trnA-UGC [105463..106269], ndhA [complement(122968..124108)], trnA-UGC [complement(137134..137940)], trnI-GAU [complement(138078..139020)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(139021..139062)], ndhB [144484..145260], ndhB [145941..146696], rpl2 [155810..156193], rpl2 [156877..157311]	[145261..145940], rpl2 [156194..156876]
2951.	PREB	63	rps12 [complement(97306..97331)], rps12 [complement(97868..98099)], rps12 [complement(69801..69914)], trnK-UUU [complement(1670..1695)], trnK-UUU [complement(4209..4245)], rps16 [complement(5052..5246)], rps16 [complement(6109..6156)], trnG-UCC [9232..9254], trnG-UCC [9963..10010], atpF [complement(11986..12456)], atpF [complement(13094..13240)], rpoC1 [complement(20782..22401)], rpoC1 [complement(23201..23656)], ycf3 [complement(42753..42905)], ycf3 [complement(43616..43846)], ycf3 [complement(44543..44674)], trnL-UAA [47669..47705], trnL-UAA [48182..48231], trnV-UAC [complement(51991..52027)], trnV-UAC [complement(52611..52648)], rps12 [138799..139030], rps12 [139567..139592], clpP [complement(70052..70277)], clpP [complement(70926..71221)], clpP [complement(72031..72099)], rpl2 [complement(84018..84452)], rpl2 [complement(85118..85513)], ndhB [complement(94298..95053)], ndhB [complement(95730..96509)], trnI-GAU [101801..101842], trnI-GAU [102779..102813], trnA-UGC [102884..102921], trnA-UGC [103739..103773], ndhA [complement(118795..119334)], ndhA [complement(120396..120950)], trnA-UGC [complement(133125..133159)], trnA-UGC [complement(133977..134014)], trnI-GAU [complement(134085..134119)], trnI-GAU [complement(135056..135097)], ndhB [140389..141168], ndhB [141845..142600], rpl2 [151385..151780], rpl2 [152446..152880]	trnK-UUU [complement(1696..4208)], rps16 [complement(5247..6108)], trnG-UCC [9255..9962], atpF [complement(12457..13093)], rpoC1 [complement(22402..23200)], ycf3 [complement(42906..43615)], ycf3 [complement(43847..44542)], trnL-UAA [47706..48181], trnV-UAC [complement(52028..52610)], clpP [complement(70278..70925)], clpP [complement(71222..72030)], rpl2 [complement(84453..85117)], ndhB [complement(95054..95729)], trnI-GAU [101843..102778], trnA-UGC [102922..103738], ndhA [complement(119335..120395)], trnA-UGC [complement(133160..133976)], trnI-GAU [complement(134120..135055)], ndhB [141169..141844], rpl2 [151781..152445]
2952.	PRGL	70	rps12 [complement(106630..106872)], rps12 [complement(76959..77096)], trnK-UUU [complement(1821..1849)], trnK-UUU [complement(4341..4377)], rps16 [complement(5819..6063)], rps16 [complement(6947..6986)], trnG-GCC [10584..10606], trnG-GCC [11309..11357], atpF [complement(13844..14250)], atpF [complement(14978..15122)], rpoC1 [complement(23699..25315)], rpoC1 [complement(26118..26549)], ycf3 [complement(48009..48161)], ycf3 [complement(48900..49127)], ycf3 [complement(49856..49981)], trnL-UAA [53018..53054], trnL-UAA [53591..53640], trnV-UAC [complement(57602..57638)], trnV-UAC [complement(58258..58296)], rps12	trnK-UUU [complement(1850..4340)], rps16 [complement(6064..6946)], trnG-GCC [10607..11308], atpF [complement(14251..14977)], rpoC1 [complement(25316..26117)], ycf3 [complement(48162..48899)], ycf3 [complement(49128..49855)], trnL-UAA [53055..53590], trnV-UAC [complement(57639..58257)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[148491..148733], clpP [complement(77299..77526)], clpP [complement(78169..78459)], clpP [complement(79249..79317)], petB [82302..82307], petB [83123..83764], petD [83975..83982], petD [84703..85177], rpl16 [complement(88982..89380)], rpl16 [complement(90554..90562)], rpl2 [complement(92476..92910)], rpl2 [complement(93573..93965)], ndhB [complement(103021..103776)], ndhB [complement(104462..105238)], trnI-GAU [110827..110868], trnI-GAU [111817..111851], trnA-UGC [111916..111953], trnA-UGC [112756..112790], ndhA [complement(127844..128383)], ndhA [complement(129841..130392)], trnA-UGC [complement(142573..142607)], trnA-UGC [complement(143410..143447)], trnI-GAU [complement(143512..143546)], trnI-GAU [complement(144495..144536)], ndhB [150125..150901], ndhB [151587..152342], rpl2 [161398..161790], rpl2 [162453..162887]	[complement(77527..78168)], clpP [complement(78460..79248)], petB [82308..83122], petD [83983..84702], rpl16 [complement(89381..90553)], rpl2 [complement(92911..93572)], ndhB [complement(103777..104461)], trnI-GAU [110869..111816], trnA-UGC [111954..112755], ndhA [complement(128384..129840)], trnA-UGC [complement(142608..143409)], trnI-GAU [complement(143547..144494)], ndhB [150902..151586], rpl2 [161791..162452]
2953.	PRHA	58	rps12 [complement(98257..98499)], rps12 [complement(70174..70287)], trnK-UUU [complement(1694..1729)], trnK-UUU [complement(4243..4279)], rps16 [complement(5089..5298)], rps16 [complement(6165..6206)], atpF [complement(12097..12507)], atpF [complement(13209..13352)], rpoC1 [complement(20814..22424)], rpoC1 [complement(23246..23698)], ycf3 [complement(42762..42914)], ycf3 [complement(43628..43855)], ycf3 [complement(44548..44673)], trnL-UAA [47632..47668], trnL-UAA [48147..48194], trnV-UAC [complement(51977..52011)], trnV-UAC [complement(52598..52635)], rps12 [139237..139479], clpP [complement(70421..70648)], clpP [complement(71303..71593)], clpP [complement(72410..72478)], rpl2 [complement(84415..84849)], rpl2 [complement(85523..85912)], ndhB [complement(94697..95452)], ndhB [complement(96132..96908)], trnI-GAU [102201..102237], trnI-GAU [103179..103213], trnA-UGC [103284..103321], trnA-UGC [104139..104173], ndhA [complement(119212..119751)], ndhA [complement(120829..121380)], trnA-UGC [complement(133563..133597)], trnA-UGC [complement(134415..134452)], trnI-GAU [complement(134523..134557)], trnI-GAU [complement(135499..135535)], ndhB [140828..141604], ndhB [142284..143039], rpl2 [151824..152213], rpl2 [152887..153321]	trnK-UUU [complement(1730..4242)], rps16 [complement(5299..6164)], atpF [complement(12508..13208)], rpoC1 [complement(22425..23245)], ycf3 [complement(42915..43627)], ycf3 [complement(43856..44547)], trnL-UAA [47669..48146], trnV-UAC [complement(52012..52597)], clpP [complement(70649..71302)], clpP [complement(71594..72409)], rpl2 [complement(84850..85522)], ndhB [complement(95453..96131)], trnI-GAU [102238..103178], trnA-UGC [103322..104138], ndhA [complement(119752..120828)], trnA-UGC [complement(133598..134414)], trnI-GAU [complement(134558..135498)], ndhB [141605..142283], rpl2 [152214..152886]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2954.	PRHN	72	<p>rps12 [complement(96273..96299)], rps12 [complement(96841..97071)], rps12 [complement(68594..68707)], trnK-UUU [complement(1540..1574)], trnK-UUU [complement(4077..4113)], rps16 [complement(4923..5153)], rps16 [complement(5965..6006)], trnG-UCC [8625..8647], trnG-UCC [9349..9396], atpF [complement(11361..11771)], atpF [complement(12472..12630)], rpoC1 [complement(20172..21797)], rpoC1 [complement(22526..22960)], pafI [complement(41131..41283)], pafI [complement(42009..42236)], pafI [complement(42958..43083)], trnL-UAA [46110..46146], trnL-UAA [46652..46701], trnV-UAC [complement(50372..50408)], trnV-UAC [complement(50988..51026)], rps12 [136796..137026], rps12 [137568..137594], clpP [complement(68877..69104)], clpP [complement(69701..69991)], clpP [complement(70866..70934)], petB [73882..73887], petB [74662..75303], petD [75491..75496], petD [76333..76809], rpl16 [complement(80135..80533)], rpl16 [complement(81327..81335)], rpl2 [complement(82941..83375)], rpl2 [complement(84034..84426)], ndhB [complement(93253..94008)], ndhB [complement(94688..95464)], trnI-GAU [100615..100656], trnI-GAU [101411..101445], trnA-UGC [101510..101547], trnA-UGC [102356..102390], ndhA [complement(117218..117763)], ndhA [complement(118836..119387)], trnA-UGC [complement(131477..131511)], trnA-UGC [complement(132320..132358)], trnI-GAU [complement(132422..132456)], trnI-GAU [complement(133211..133252)], ndhB [138403..139179], ndhB [139859..140614], rpl2 [149441..149833], rpl2 [150492..150926]</p>	<p>trnK-UUU [complement(1575..4076)], rps16 [complement(5154..5964)], trnG-UCC [8648..9348], atpF [complement(11772..12471)], rpoC1 [complement(21798..22525)], pafI [complement(41284..42008)], pafI [complement(42237..42957)], trnL-UAA [46147..46651], trnV-UAC [complement(50409..50987)], clpP [complement(69105..69700)], clpP [complement(69992..70865)], petB [73888..74661], petD [75497..76332], rpl16 [complement(80534..81326)], rpl2 [complement(83376..84033)], ndhB [complement(94009..94687)], trnI-GAU [100657..101410], trnA-UGC [101548..102355], ndhA [complement(117764..118835)], trnA-UGC [complement(131512..132319)], trnI-GAU [complement(132457..133210)], ndhB [139180..139858], rpl2 [149834..150491]</p>
2955.	PRHS	66	<p>rps12 [complement(99920..99954)], rps12 [complement(100491..100722)], rps12 [complement(72343..72456)], rps16 [complement(5317..5543)], rps16 [complement(6427..6466)], trnG-GCC [10131..10153], trnG-GCC [10832..10879], atpF [complement(12817..13227)], atpF [complement(13924..14067)], rpoC1 [complement(21950..23569)], rpoC1 [complement(24329..24781)], ycf3 [complement(44347..44499)], ycf3 [complement(45234..45463)], ycf3 [complement(46158..46281)], trnL-UAA [49152..49186], trnL-UAA [49651..49700], rps12 [142619..142850], rps12 [143387..143421], clpP [complement(72590..72817)], clpP</p>	<p>rps16 [complement(5544..6426)], trnG-GCC [10154..10831], atpF [complement(13228..13923)], rpoC1 [complement(23570..24328)], ycf3 [complement(44500..45233)], ycf3 [complement(45464..46157)], trnL-UAA [49187..49650], clpP [complement(72818..73459)], clpP [complement(73752..74556)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73460..73751)], clpP [complement(74557..74627)], petB [77542..77547], petB [78256..78897], petD [79077..79084], petD [79820..80294], rpl16 [complement(83720..84118)], rpl16 [complement(84974..84982)], rpl2 [complement(86644..87077)], rpl2 [complement(87753..88143)], ndhB [complement(96917..97672)], ndhB [complement(98352..99128)], trnI-GAU [104408..104444], trnI-GAU [105392..105426], trnA-UGC [105491..105528], trnA-UGC [106340..106374], ndhA [complement(122362..122891)], ndhA [complement(123999..124554)], trnA-UGC [complement(136967..137001)], trnA-UGC [complement(137813..137850)], trnI-GAU [complement(137915..137949)], trnI-GAU [complement(138897..138933)], ndhB [144213..144989], ndhB [145669..146424], rpl2 [155198..155588], rpl2 [156264..156697]	[77548..78255], petD [79085..79819], rpl16 [complement(84119..84973)], rpl2 [complement(87078..87752)], ndhB [complement(97673..98351)], trnI-GAU [104445..105391], trnA-UGC [105529..106339], ndhA [complement(122892..123998)], trnA-UGC [complement(137002..137812)], trnI-GAU [complement(137950..138896)], ndhB [144990..145668], rpl2 [155589..156263]
2956.	PRHU	52	rps12 [complement(100575..100817)], rps12 [complement(71567..71704)], rps16 [complement(5377..5612)], rps16 [complement(6474..6513)], atpF [complement(11799..12209)], atpF [complement(12936..13094)], rpoC1 [complement(21208..22833)], rpoC1 [complement(23579..24013)], ycf3 [complement(44124..44276)], ycf3 [complement(45093..45266)], ycf3 [complement(45982..46107)], trnI-UAU [complement(52957..52997)], trnI-UAU [complement(53043..53091)], trnL-UAG [53012..53045], trnL-UAG [53145..53179], rps12 [143257..143499], clpP [complement(71893..72120)], clpP [complement(72771..73061)], clpP [complement(73868..73936)], petB [76865..76870], petB [77624..78265], rpl16 [complement(83194..83595)], rpl16 [complement(84565..84573)], rpl2 [complement(86355..86789)], rpl2 [complement(87470..87856)], ndhB [complement(96970..97725)], ndhB [complement(98406..99182)], trnS-AGA [complement(116177..116211)], trnS-AGA [complement(116320..116362)], ndhA [complement(122771..123310)], ndhA [complement(124454..125005)], ndhB [144892..145668], ndhB [146349..147104], rpl2 [156218..156602], rpl2 [157250..157719]	rps16 [complement(5613..6473)], atpF [complement(12210..12935)], rpoC1 [complement(22834..23578)], ycf3 [complement(44277..45092)], ycf3 [complement(45267..45981)], trnI-UAU [complement(52998..53042)], trnL-UAG [53046..53144], clpP [complement(72121..72770)], clpP [complement(73062..73867)], petB [76871..77623], rpl16 [complement(83596..84564)], rpl2 [complement(86790..87469)], ndhB [complement(97726..98405)], trnS-AGA [complement(116212..116319)], ndhA [complement(123311..124453)], ndhB [145669..146348], rpl2 [156603..157249]
2957.	PRKA	67	rps12 [complement(100233..100475)], rps12 [complement(71233..71346)], trnK-UUU [complement(1736..1770)], trnK-UUU [complement(4308..4344)], rps16 [complement(5254..5479)], rps16 [complement(6352..6392)], atpF	trnK-UUU [complement(1771..4307)], rps16 [complement(5480..6351)], atpF [complement(12111..12857)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(11700..12110)], atpF [complement(12858..13001)], rpoC1 [complement(21117..22733)], rpoC1 [complement(23496..23930)], ycf3 [complement(43900..44052)], ycf3 [complement(44818..45045)], ycf3 [complement(45761..45886)], trnL-UAA [48884..48920], trnL-UAA [49435..49484], trnV-UAC [complement(53009..53045)], trnV-UAC [complement(53643..53681)], rps12 [142930..143172], clpP [complement(71535..71762)], clpP [complement(72382..72670)], clpP [complement(73491..73561)], petB [76490..76495], petB [77247..77894], petD [78082..78089], petD [78833..79307], rpl16 [complement(82809..83207)], rpl16 [complement(84221..84229)], rpl2 [complement(86007..86441)], rpl2 [complement(87125..87508)], ndhB [complement(96628..97383)], ndhB [complement(98064..98840)], trnI-GAU [104262..104303], trnI-GAU [105247..105281], trnA-UGC [105346..105383], trnA-UGC [106191..106225], ndhA [complement(122495..123034)], ndhA [complement(124177..124728)], trnA-UGC [complement(137180..137214)], trnA-UGC [complement(138022..138059)], trnI-GAU [complement(138124..138158)], trnI-GAU [complement(139102..139143)], ndhB [144565..145341], ndhB [146022..146777], rpl2 [155897..156280], rpl2 [156964..157398]	[complement(22734..23495)], ycf3 [complement(44053..44817)], ycf3 [complement(45046..45760)], trnL-UAA [48921..49434], trnV-UAC [complement(53046..53642)], clpP [complement(71763..72381)], clpP [complement(72671..73490)], petB [76496..77246], petD [78090..78832], rpl16 [complement(83208..84220)], rpl2 [complement(86442..87124)], ndhB [complement(97384..98063)], trnI-GAU [104304..105246], trnA-UGC [105384..106190], ndhA [complement(123035..124176)], trnA-UGC [complement(137215..138021)], trnI-GAU [complement(138159..139101)], ndhB [145342..146021], rpl2 [156281..156963]
2958.	PRKN	72	rps12 [complement(97067..97093)], rps12 [complement(97636..97866)], rps12 [complement(69311..69424)], trnK-UUU [complement(1795..1829)], trnK-UUU [complement(4349..4385)], rps16 [complement(5170..5388)], rps16 [complement(6230..6271)], trnG-UCC [8703..8725], trnG-UCC [9417..9464], atpF [complement(11500..11910)], atpF [complement(12641..12799)], rpoC1 [complement(20400..22031)], rpoC1 [complement(22780..23214)], pafI [complement(42213..42365)], pafI [complement(43111..43338)], pafI [complement(44068..44193)], trnL-UAA [47257..47293], trnL-UAA [47809..47858], trnV-UAC [complement(51259..51295)], trnV-UAC [complement(51881..51919)], rps12 [138083..138313], rps12 [138856..138882], clpP [complement(69571..69798)], clpP [complement(70480..70770)], clpP [complement(71642..71710)], petB [74641..74646], petB [75447..76088], petD [76281..76286], petD [77055..77531], rpl16 [complement(80733..81131)], rpl16	trnK-UUU [complement(1830..4348)], rps16 [complement(5389..6229)], trnG-UCC [8726..9416], atpF [complement(11911..12640)], rpoC1 [complement(22032..22779)], pafI [complement(42366..43110)], pafI [complement(43339..44067)], trnL-UAA [47294..47808], trnV-UAC [complement(51296..51880)], clpP [complement(69799..70479)], clpP [complement(70771..71641)], petB [74647..75446], petD [76287..77054], rpl16 [complement(81132..81966)], rpl2 [complement(84038..84695)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(81967..81975)], rpl2 [complement(83603..84037)], rpl2 [complement(84696..85088)], ndhB [complement(93983..94738)], ndhB [complement(95425..96201)], trnI-GAU [101467..101508], trnI-GAU [102251..102285], trnA-UGC [102350..102387], trnA-UGC [103195..103229], ndhA [complement(118293..118832)], ndhA [complement(119926..120477)], trnA-UGC [complement(132720..132754)], trnA-UGC [complement(133562..133600)], trnI-GAU [complement(133664..133698)], trnI-GAU [complement(134441..134482)], ndhB [139748..140524], ndhB [141211..141966], rpl2 [150861..151253], rpl2 [151912..152346]	[complement(94739..95424)], trnI-GAU [101509..102250], trnA-UGC [102388..103194], ndhA [complement(118833..119925)], trnA-UGC [complement(132755..133561)], trnI-GAU [complement(133699..134440)], ndhB [140525..141210], rpl2 [151254..151911]
2959.	PRK W	3	rps12 [complement(97924..97950)], rps12 [complement(98491..98721)], rps12 [140287..140313]	-
2960.	PRLI	63	rps12 [complement(97941..97966)], rps12 [complement(98503..98734)], rps12 [complement(70479..70592)], trnK-UUU [complement(1693..1718)], trnK-UUU [complement(4218..4254)], rps16 [complement(5069..5278)], rps16 [complement(6144..6191)], trnG-UCC [9324..9346], trnG-UCC [10078..10125], atpF [complement(12102..12572)], atpF [complement(13215..13361)], rpoC1 [complement(21214..22833)], rpoC1 [complement(23630..24085)], ycf3 [complement(43083..43235)], ycf3 [complement(43946..44176)], ycf3 [complement(44865..44996)], trnL-UAA [47941..47977], trnL-UAA [48462..48511], trnV-UAC [complement(52248..52284)], trnV-UAC [complement(52867..52904)], rps12 [138841..139072], rps12 [139609..139634], clpP [complement(70726..70951)], clpP [complement(71602..71897)], clpP [complement(72700..72768)], rpl2 [complement(84671..85105)], rpl2 [complement(85773..86168)], ndhB [complement(94932..95687)], ndhB [complement(96364..97143)], trnI-GAU [102445..102486], trnI-GAU [103423..103457], trnA-UGC [103528..103565], trnA-UGC [104383..104417], ndhA [complement(119005..119544)], ndhA [complement(120606..121160)], trnA-UGC [complement(133158..133192)], trnA-UGC [complement(134010..134047)], trnI-GAU [complement(134118..134152)], trnI-GAU [complement(135089..135130)], ndhB [140432..141211], ndhB [141888..142643], rpl2 [151407..151802], rpl2 [152470..152904]	trnK-UUU [complement(1719..4217)], rps16 [complement(5279..6143)], trnG-UCC [9347..10077], atpF [complement(12573..13214)], rpoC1 [complement(22834..23629)], ycf3 [complement(43236..43945)], ycf3 [complement(44177..44864)], trnL-UAA [47978..48461], trnV-UAC [complement(52285..52866)], clpP [complement(70952..71601)], clpP [complement(71898..72699)], rpl2 [complement(85106..85772)], ndhB [complement(95688..96363)], trnI-GAU [102487..103422], trnA-UGC [103566..104382], ndhA [complement(119545..120605)], trnA-UGC [complement(133193..134009)], trnI-GAU [complement(134153..135088)], ndhB [141212..141887], rpl2 [151803..152469]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2961.	PRLN	58	rps12 [complement(98070..98312)], rps12 [complement(70009..70122)], trnK-UUU [complement(1683..1718)], trnK-UUU [complement(4221..4257)], rps16 [complement(5059..5268)], rps16 [complement(6141..6182)], atpF [complement(12041..12451)], atpF [complement(13153..13296)], rpoC1 [complement(20828..22438)], rpoC1 [complement(23249..23701)], ycf3 [complement(42598..42750)], ycf3 [complement(43464..43691)], ycf3 [complement(44395..44520)], trnL-UAA [47508..47544], trnL-UAA [48023..48070], trnV-UAC [complement(51847..51881)], trnV-UAC [complement(52469..52506)], rps12 [139082..139324], clpP [complement(70256..70483)], clpP [complement(71138..71428)], clpP [complement(72240..72308)], rpl2 [complement(84230..84664)], rpl2 [complement(85338..85727)], ndhB [complement(94509..95264)], ndhB [complement(95944..96720)], trnI-GAU [102009..102045], trnI-GAU [102987..103021], trnA-UGC [103092..103129], trnA-UGC [103948..103982], ndhA [complement(119051..119590)], ndhA [complement(120654..121205)], trnA-UGC [complement(133412..133446)], trnA-UGC [complement(134265..134302)], trnI-GAU [complement(134373..134407)], trnI-GAU [complement(135349..135385)], ndhB [140674..141450], ndhB [142130..142885], rpl2 [151667..152056], rpl2 [152730..153164]	trnK-UUU [complement(1719..4220)], rps16 [complement(5269..6140)], atpF [complement(12452..13152)], rpoC1 [complement(22439..23248)], ycf3 [complement(42751..43463)], ycf3 [complement(43692..44394)], trnL-UAA [47545..48022], trnV-UAC [complement(51882..52468)], clpP [complement(70484..71137)], clpP [complement(71429..72239)], rpl2 [complement(84665..85337)], ndhB [complement(95265..95943)], trnI-GAU [102046..102986], trnA-UGC [103130..103947], ndhA [complement(119591..120653)], trnA-UGC [complement(133447..134264)], trnI-GAU [complement(134408..135348)], ndhB [141451..142129], rpl2 [152057..152729]
2962.	PRMA	72	rps12 [complement(99818..99843)], rps12 [complement(100380..100611)], rps12 [complement(71281..71394)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4263..4299)], rps16 [complement(5223..5452)], rps16 [complement(6316..6355)], trnG-UCC [8607..8629], trnG-UCC [9345..9391], atpF [complement(11585..11994)], atpF [complement(12748..12892)], rpoC1 [complement(20982..22598)], rpoC1 [complement(23359..23793)], ycf3 [complement(43920..44072)], ycf3 [complement(44850..45077)], ycf3 [complement(45788..45913)], trnL-UAA [48890..48926], trnL-UAA [49441..49490], trnV-UAC [complement(52934..52970)], trnV-UAC [complement(53560..53598)], rps12 [143089..143320], rps12 [143857..143882], clpP [complement(71604..71831)], clpP [complement(72500..72788)], clpP [complement(73601..73671)], petB [76593..76598], petB [77356..77997], petD [78185..78192], petD	trnK-UUU [complement(1734..4262)], rps16 [complement(5453..6315)], trnG-UCC [8630..9344], atpF [complement(11995..12747)], rpoC1 [complement(22599..23358)], ycf3 [complement(44073..44849)], ycf3 [complement(45078..45787)], trnL-UAA [48927..49440], trnV-UAC [complement(52971..53559)], clpP [complement(71832..72499)], clpP [complement(72789..73600)], petB [76599..77355], petD [78193..78935], rpl16 [complement(83320..84337)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78936..79410], rpl16 [complement(82921..83319)], rpl16 [complement(84338..84346)], rpl2 [complement(86135..86568)], rpl2 [complement(87252..87636)], ndhB [complement(96750..97505)], ndhB [complement(98186..98962)], trnI-GAU [104400..104441], trnI-GAU [105385..105419], trnA-UGC [105484..105521], trnA-UGC [106329..106363], ndhA [complement(122660..123198)], ndhA [complement(124343..124895)], trnA-UGC [complement(137337..137371)], trnA-UGC [complement(138179..138216)], trnI-GAU [complement(138281..138315)], trnI-GAU [complement(139259..139300)], ndhB [144738..145514], ndhB [146195..146950], rpl2 [156064..156448], rpl2 [157132..157565]	[complement(86569..87251)], ndhB [complement(97506..98185)], trnI-GAU [104442..105384], trnA-UGC [105522..106328], ndhA [complement(123199..124342)], trnA-UGC [complement(137372..138178)], trnI-GAU [complement(138316..139258)], ndhB [145515..146194], rpl2 [156449..157131]
2963.	PRMI	67	rps12 [complement(100001..100243)], rps12 [complement(71622..71735)], trnK-UUU [complement(1722..1753)], trnK-UUU [complement(4306..4337)], rps16 [complement(5246..5462)], rps16 [complement(6357..6397)], trnG-CGA [9759..9785], trnG-CGA [10496..10535], atpF [complement(12535..12945)], atpF [complement(13665..13808)], rpoC1 [complement(21699..23315)], rpoC1 [complement(24148..24582)], ycf3 [complement(43827..43979)], ycf3 [complement(44740..44967)], ycf3 [complement(45700..45828)], trnL-UAA [48818..48855], trnL-UAA [49337..49384], trnV-UAC [complement(53210..53245)], trnV-UAC [complement(53832..53869)], rps12 [141129..141371], clpP [complement(71879..72106)], clpP [complement(72754..73044)], clpP [complement(73810..73878)], petB [76843..76848], petB [77607..78248], rpl16 [complement(83184..83582)], rpl16 [complement(84515..84523)], rpl2 [complement(86169..86603)], rpl2 [complement(87268..87660)], ndhB [complement(96418..97173)], ndhB [complement(97853..98629)], trnI-GAU [103930..103965], trnI-GAU [104914..104948], trnA-UGC [105013..105049], trnA-UGC [105869..105904], ndhA [complement(120927..121436)], ndhA [complement(122437..122997)], trnA-UGC [complement(135468..135503)], trnA-UGC [complement(136323..136359)], trnI-GAU [complement(136424..136459)], trnI-GAU [complement(137408..137442)], ndhB [142743..143519], ndhB [144199..144954], rpl2 [153712..154104], rpl2 [154769..155203]	trnK-UUU [complement(1754..4305)], rps16 [complement(5463..6356)], trnG-CGA [9786..10495], atpF [complement(12946..13664)], rpoC1 [complement(23316..24147)], ycf3 [complement(43980..44739)], ycf3 [complement(44968..45699)], trnL-UAA [48856..49336], trnV-UAC [complement(53246..53831)], clpP [complement(72107..72753)], clpP [complement(73045..73809)], petB [76849..77606], rpl16 [complement(83583..84514)], rpl2 [complement(86604..87267)], ndhB [complement(97174..97852)], trnI-GAU [103966..104913], trnA-UGC [105050..105868], ndhA [complement(121437..122436)], trnA-UGC [complement(135504..136322)], trnI-GAU [complement(136460..137407)], ndhB [143520..144198], rpl2 [154105..154768]
2964.	PRMO	42	rps12 [complement(71667..71780)], trnK-UUU [complement(1696..1730)],	trnK-UUU [complement(1731..4263)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4264..4300)], trnG-GCC [8925..8947], trnG-GCC [9686..9722], trnL-UAA [49199..49235], trnL-UAA [49750..49799], trnV-UAC [complement(53312..53348)], trnV-UAC [complement(53939..53977)], rps12 [complement(71667..71780)], rps12 [144083..144108], trnI-GAU [104685..104726], trnI-GAU [105670..105704], trnA-UGC [105769..105806], trnA-UGC [106614..106648], trnA-UGC [complement(137565..137599)], trnA-UGC [complement(138407..138444)], trnI-GAU [complement(138509..138543)], trnI-GAU [complement(139487..139528)]	[complement(5460..6327)], trnG-GCC [8948..9685], atpF [complement(12348..13093)], rpoC1 [complement(22893..23640)], ycf3 [complement(44359..45128)], ycf3 [complement(45357..46071)], trnL-UAA [49236..49749], trnV-UAC [complement(53349..53938)], clpP [complement(72197..72815)], clpP [complement(73105..73916)], petB [76922..77669], petD [78507..79260], rpl16 [complement(83648..84643)], rpl2 [complement(86871..87553)], ndhB [complement(97807..98486)], trnI-GAU [104727..105669], trnA-UGC [105807..106613], ndhA [complement(123381..124540)], trnA-UGC [complement(137600..138406)], trnI-GAU [complement(138544..139486)], ndhB [145727..146406], rpl2 [156660..157342]
2965.	PRMR	42	rps12 [complement(71722..71835)], trnK-UUU [complement(1668..1702)], trnK-UUU [complement(4239..4275)], trnG-GCC [8859..8881], trnG-GCC [9615..9651], trnL-UAA [49227..49263], trnL-UAA [49778..49827], trnV-UAC [complement(53373..53409)], trnV-UAC [complement(54006..54044)], rps12 [complement(71722..71835)], rps12 [144088..144113], trnI-GAU [104768..104809], trnI-GAU [105753..105787], trnA-UGC [105852..105889], trnA-UGC [106697..106731], trnA-UGC [complement(137570..137604)], trnA-UGC [complement(138412..138449)], trnI-GAU [complement(138514..138548)], trnI-GAU [complement(139492..139533)]	trnK-UUU [complement(1703..4238)], rps16 [complement(5417..6279)], trnG-GCC [8882..9614], atpF [complement(12299..13042)], rpoC1 [complement(22894..23653)], ycf3 [complement(44410..45178)], ycf3 [complement(45407..46111)], trnL-UAA [49264..49777], trnV-UAC [complement(53410..54005)], clpP [complement(72252..72869)], clpP [complement(73159..73977)], petB [76983..77732], petD [78570..79312], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(83692..84699)], rpl2 [complement(86921..87603)], ndhB [complement(97890..98569)], trnI-GAU [104810..105752], trnA-UGC [105890..106696], ndhA [complement(123427..124567)], trnA-UGC [complement(137605..138411)], trnI-GAU [complement(138549..139491)], ndhB [145732..146411], rpl2 [156698..157380]
2966.	PRMU	49	rps12 [complement(100317..100559)], rps12 [complement(71309..71422)], trnK-UUU [complement(1679..1701)], trnK-UUU [complement(4238..4274)], trnG-GCC [8622..8644], trnG-GCC [9369..9405], atpF [complement(11648..12058)], rpoC1 [complement(21071..22687)], ycf3 [complement(43862..44014)], trnL-UAA [48830..48866], trnL-UAA [49381..49430], trnV-UAC [complement(52962..52998)], trnV-UAC [complement(53589..53627)], rps12 [143009..143194], rpl16 [complement(82897..83295)], rpl2 [complement(86097..86531)], ndhB [complement(96712..97467)], trnI-GAU [104346..104387], trnI-GAU [105331..105365], trnA-UGC [105430..105467], trnA-UGC [106275..106309], ndhA [complement(122522..123061)], trnA-UGC [complement(137202..137235)], trnA-UGC [complement(138043..138081)], trnI-GAU [complement(138203..138237)], trnI-GAU [complement(139181..139222)]	trnK-UUU [complement(1702..4237)], rps16 [complement(5433..6306)], trnG-GCC [8645..9368], atpF [complement(12059..12807)], rpoC1 [complement(22688..23451)], ycf3 [complement(44015..44778)], ycf3 [complement(45007..45721)], trnL-UAA [48867..49380], trnV-UAC [complement(52999..53588)], clpP [complement(71839..72462)], clpP [complement(72754..73557)], petB [76562..77315], petD [78175..78915], rpl16 [complement(83296..84313)], rpl2 [complement(86532..87211)], ndhB [complement(97468..98147)], trnI-GAU [104388..105330], trnA-UGC [105468..106274], ndhA [complement(123062..124199)], trnA-UGC [complement(137236..138042)], trnI-GAU [complement(138238..139180)], ndhB [145364..146043], rpl2 [156300..156979]
2967.	PRNU	1	rps12 [152497..152522]	-
2968.	PRPA	73	rps12 [complement(101446..101471)], rps12 [complement(102008..102239)],	trnK-UUU [complement(1741..4274)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(72923..73036)], trnK-UUU [complement(1706..1740)], trnK-UUU [complement(4275..4311)], rps16 [complement(5280..5509)], rps16 [complement(6366..6405)], trnG-UCC [9101..9123], trnG-UCC [9820..9866], atpF [complement(12231..12640)], atpF [complement(13438..13582)], rpoC1 [complement(21713..23329)], rpoC1 [complement(24092..24526)], ycf3 [complement(45020..45172)], ycf3 [complement(45936..46163)], ycf3 [complement(46882..47007)], trnL-UAA [50309..50345], trnL-UAA [50867..50916], trnV-UAC [complement(54342..54378)], trnV-UAC [complement(54975..55013)], rps12 [complement(72923..73036)], rps12 [144383..144614], rps12 [145151..145176], clpP [complement(73225..73452)], clpP [complement(74110..74398)], clpP [complement(75205..75275)], petB [78216..78221], petB [78974..79615], petD [79803..79810], petD [80556..81030], rpl16 [complement(84548..84946)], rpl16 [complement(85966..85974)], rpl2 [complement(87776..88209)], rpl2 [complement(88895..89279)], ndhB [complement(98392..99147)], ndhB [complement(99828..100604)], trnI-GAU [106015..106056], trnI-GAU [107000..107034], trnA-UGC [107099..107136], trnA-UGC [107944..107978], ndhA [complement(123986..124524)], ndhA [complement(125665..126217)], trnA-UGC [complement(138644..138678)], trnA-UGC [complement(139486..139523)], trnI-GAU [complement(139588..139622)], trnI-GAU [complement(140566..140607)], ndhB [146018..146794], ndhB [147475..148230], rpl2 [157343..157727], rpl2 [158413..158846]</p>	<p>[complement(5510..6365)], trnG-UCC [9124..9819], atpF [complement(12641..13437)], rpoC1 [complement(23330..24091)], ycf3 [complement(45173..45935)], ycf3 [complement(46164..46881)], trnL-UAA [50346..50866], trnV-UAC [complement(54379..54974)], clpP [complement(73453..74109)], clpP [complement(74399..75204)], petB [78222..78973], petD [79811..80555], rpl16 [complement(84947..85965)], rpl2 [complement(88210..88894)], ndhB [complement(99148..99827)], trnI-GAU [106057..106999], trnA-UGC [complement(124525..125664)], trnA-UGC [complement(138679..139485)], trnI-GAU [complement(139623..140565)], ndhB [146795..147474], rpl2 [157728..158412]</p>
2969.	PRPD	42	<p>rps12 [complement(71489..71602)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4268..4304)], trnG-GCC [8916..8938], trnG-GCC [9664..9700], trnL-UAA [49004..49040], trnL-UAA [49555..49604], trnV-UAC [complement(53150..53186)], trnV-UAC [complement(53777..53815)], rps12 [complement(71489..71602)], rps12 [143900..143925], trnI-GAU [104559..104600], trnI-GAU [105544..105578], trnA-UGC [105643..105680], trnA-UGC [106488..106522], trnA-UGC [complement(137382..137416)], trnA-UGC [complement(138224..138261)], trnI-GAU [complement(138326..138360)], trnI-GAU [complement(139304..139345)]</p>	<p>trnK-UUU [complement(1731..4267)], rps16 [complement(5458..6325)], trnG-GCC [8939..9663], atpF [complement(12114..12857)], rpoC1 [complement(22718..23471)], ycf3 [complement(44175..44937)], ycf3 [complement(45166..45881)], trnL-UAA [49041..49554], trnV-UAC [complement(53187..53776)], clpP [complement(72019..72671)], clpP</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(72961..73764)], petB [76770..77527], petD [78365..79108], rpl16 [complement(83492..84524)], rpl2 [complement(86745..87427)], ndhB [complement(97681..98360)], trnI-GAU [104601..105543], trnA-UGC [105681..106487], ndhA [complement(123197..124337)], trnA-UGC [complement(137417..138223)], trnI-GAU [complement(138361..139303)], ndhB [145544..146223], rpl2 [156477..157159]
2970.	PRPE	41	rps12 [complement(71346..71459)], trnK-UUU [complement(1665..1699)], trnK-UUU [complement(4238..4274)], trnG-GCC [8627..8649], trnG-GCC [9373..9409], trnL-UAA [48853..48889], trnL-UAA [49404..49453], trnV-UAC [complement(52981..53017)], trnV-UAC [complement(53615..53653)], rps12 [143758..143783], trnI-GAU [104384..104425], trnI-GAU [105369..105403], trnA-UGC [105468..105505], trnA-UGC [106313..106347], trnA-UGC [complement(137240..137274)], trnA-UGC [complement(138082..138119)], trnI-GAU [complement(138184..138218)], trnI-GAU [complement(139162..139203)]	trnK-UUU [complement(1700..4237)], rps16 [complement(5437..6307)], trnG-GCC [8650..9372], atpF [complement(12066..12811)], rpoC1 [complement(22686..23449)], ycf3 [complement(44019..44783)], ycf3 [complement(45012..45735)], trnL-UAA [48890..49403], trnV-UAC [complement(53018..53614)], clpP [complement(71876..72494)], clpP [complement(72784..73602)], petB [76608..77362], petD [78220..78962], rpl16 [complement(83338..84350)], rpl2 [complement(86570..87252)], ndhB [complement(97506..98185)], trnI-GAU [104426..105368], trnA-UGC [105506..106312], ndhA [complement(123095..124236)], trnA-UGC [complement(137275..138081)], trnI-GAU [complement(138219..139161)], ndhB [145402..146081], rpl2 [156335..157017]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
2971.	PRPH	64	rps12 [complement(89866..89894)], rps12 [complement(90435..90666)], rps12 [complement(68716..68832)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3907..3943)], rps16 [complement(4500..4717)], rps16 [complement(5563..5602)], trnG-UCC [complement(13000..13047)], trnG-UCC [complement(13860..13882)], atpF [33881..34025], atpF [34854..35260], ycf3 [complement(42993..43151)], ycf3 [complement(43878..44105)], ycf3 [complement(44845..44976)], trnL-UAA [47667..47701], trnL-UAA [48244..48293], trnV-UAC [complement(51648..51684)], trnV-UAC [complement(52281..52319)], rps12 [127427..127658], rps12 [128199..128227], petB [72562..72567], petB [73388..74029], petD [74221..74230], petD [74986..75458], rpl16 [complement(79075..79476)], rpl16 [complement(80540..80548)], rpl2 [complement(82532..82962)], rpl2 [complement(83626..84016)], ndhB [complement(86793..87548)], ndhB [complement(88261..89037)], trnI-GAU [94491..94527], trnI-GAU [95479..95513], trnA-UGC [95578..95615], trnA-UGC [96427..96461], ndhA [complement(112200..112738)], ndhA [complement(113729..114278)], trnA-UGC [complement(121632..121666)], trnA-UGC [complement(122478..122515)], trnI-GAU [complement(122580..122614)], trnI-GAU [complement(123566..123602)], ndhB [129056..129832], ndhB [130545..131300], rpl2 [134077..134467], rpl2 [135131..135561]	trnK-UUU [complement(1415..3906)], rps16 [complement(4718..5562)], trnG-UCC [complement(13048..13859)], atpF [34026..34853], ycf3 [complement(43152..43877)], ycf3 [complement(44106..44844)], trnL-UAA [47702..48243], trnV-UAC [complement(51685..52280)], petB [72568..73387], petD [74231..74985], rpl16 [complement(79477..80539)], rpl2 [complement(82963..83625)], ndhB [complement(87549..88260)], trnI-GAU [94528..95478], trnA-UGC [95616..96426], ndhA [complement(112739..113728)], trnA-UGC [complement(121667..122477)], trnI-GAU [complement(122615..123565)], ndhB [129833..130544], rpl2 [134468..135130]
2972.	PRPO	72	rps12 [complement(96873..96898)], rps12 [complement(97447..97678)], rps12 [complement(69278..69391)], trnK-UUU [complement(1519..1553)], trnK-UUU [complement(4050..4086)], rps16 [complement(4902..5126)], rps16 [complement(5933..5971)], trnG [8650..8672], trnG [9369..9416], atpF [complement(11345..11752)], atpF [complement(12459..12617)], rpoC1 [complement(20169..21794)], rpoC1 [complement(22521..22955)], ycf3 [complement(41854..42006)], ycf3 [complement(42717..42944)], ycf3 [complement(43667..43792)], trnL-UAA [46787..46823], trnL-UAA [47330..47379], trnV-UAC [complement(51079..51115)], trnV-UAC [complement(51690..51728)], rps12 [137431..137662], rps12 [138211..138236], clpP [complement(69535..69819)], clpP [complement(70381..70671)], clpP [complement(71544..71612)], petB	trnK-UUU [complement(1554..4049)], rps16 [complement(5127..5932)], trnG [8673..9368], atpF [complement(11753..12458)], rpoC1 [complement(21795..22520)], ycf3 [complement(42007..42716)], ycf3 [complement(42945..43666)], trnL-UAA [46824..47329], trnV-UAC [complement(51116..51689)], clpP [complement(69820..70380)], clpP [complement(70672..71543)], petB [74570..75327], petD [76181..76931], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74564..74569], petB [75328..75984], petD [76172..76180], petD [76932..77456], rpl16 [complement(80776..81177)], rpl16 [complement(81976..81984)], rpl2 [complement(83600..84034)], rpl2 [complement(84693..85085)], ndhB [complement(93833..94588)], ndhB [complement(95268..96044)], trnI-GAU [101219..101260], trnI-GAU [102016..102050], trnA-UGC [102115..102152], trnA-UGC [102961..102995], ndhA [complement(117827..118372)], ndhA [complement(119462..120013)], trnA-UGC [complement(132114..132148)], trnA-UGC [complement(132957..132994)], trnI-GAU [complement(133059..133093)], trnI-GAU [complement(133849..133890)], ndhB [139065..139841], ndhB [140521..141276], rpl2 [150024..150413], rpl2 [151075..151509]	[complement(81178..81975)], rpl2 [complement(84035..84692)], ndhB [complement(94589..95267)], trnI-GAU [101261..102015], trnA-UGC [102153..102960], ndhA [complement(118373..119461)], trnA-UGC [complement(132149..132956)], trnI-GAU [complement(133094..133848)], ndhB [139842..140520], rpl2 [150414..151074]
2973.	PRPR	2	rps12 [139288..139314]	trnA-UGC [complement(132913..133724)]
2974.	PRPS	41	rps12 [complement(71386..71499)], trnK-UUU [complement(1703..1737)], trnK-UUU [complement(4268..4304)], trnG-GCC [8607..8629], trnG-GCC [9354..9390], trnL-UAA [48903..48939], trnL-UAA [49454..49503], trnV-UAC [complement(53032..53068)], trnV-UAC [complement(53658..53696)], rps12 [143847..143872], trnI-GAU [104439..104480], trnI-GAU [105424..105458], trnA-UGC [105523..105560], trnA-UGC [106368..106402], trnA-UGC [complement(137327..137361)], trnA-UGC [complement(138169..138206)], trnI-GAU [complement(138271..138305)], trnI-GAU [complement(139249..139290)]	trnK-UUU [complement(1738..4267)], rps16 [complement(5458..6320)], trnG-GCC [8630..9353], atpF [complement(12003..12749)], rpoC1 [complement(22592..23351)], ycf3 [complement(44080..44857)], ycf3 [complement(45086..45794)], trnL-UAA [48940..49453], trnV-UAC [complement(53069..53657)], clpP [complement(71916..72577)], clpP [complement(72867..73676)], petB [76675..77429], petD [78267..79009], rpl16 [complement(83402..84383)], rpl2 [complement(86610..87292)], ndhB [complement(97551..98230)], trnI-GAU [104481..105423], trnA-UGC [105561..106367], ndhA [complement(123198..124333)], trnA-UGC [complement(137362..138168)], trnI-GAU [complement(138306..139248)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[145499..146178], rpl2 [156437..157119]
2975.	PRSE	73	rps12 [complement(101144..101169)], rps12 [complement(101706..101937)], rps12 [complement(72554..72667)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4257..4293)], rps16 [complement(5243..5472)], rps16 [complement(6334..6373)], trnG-UCC [9073..9095], trnG-UCC [9792..9838], atpF [complement(12153..12562)], atpF [complement(13334..13478)], rpoC1 [complement(21451..23067)], rpoC1 [complement(23847..24281)], ycf3 [complement(44797..44949)], ycf3 [complement(45716..45943)], ycf3 [complement(46667..46792)], trnL-UAA [49857..49893], trnL-UAA [50416..50464], trnV-UAC [complement(53898..53934)], trnV-UAC [complement(54531..54569)], rps12 [complement(72554..72667)], rps12 [144123..144354], rps12 [144891..144916], clpP [complement(72856..73083)], clpP [complement(73746..74034)], clpP [complement(74853..74923)], petB [77871..77876], petB [78671..79312], petD [79500..79507], petD [80253..80727], rpl16 [complement(84258..84656)], rpl16 [complement(85672..85680)], rpl2 [complement(87474..87907)], rpl2 [complement(88593..88977)], ndhB [complement(98090..98845)], ndhB [complement(99526..100302)], trnI-GAU [105713..105757], trnI-GAU [106698..106732], trnA-UGC [106797..106834], trnA-UGC [107642..107676], ndhA [complement(123726..124264)], ndhA [complement(125406..125958)], trnA-UGC [complement(138384..138418)], trnA-UGC [complement(139226..139263)], trnI-GAU [complement(139328..139362)], trnI-GAU [complement(140306..140347)], ndhB [145758..146534], ndhB [147215..147970], rpl2 [157083..157467], rpl2 [158153..158586]	trnK-UUU [complement(1735..4256)], rps16 [complement(5473..6333)], trnG-UCC [9096..9791], atpF [complement(12563..13333)], rpoC1 [complement(23068..23846)], ycf3 [complement(44950..45715)], ycf3 [complement(45944..46666)], trnL-UAA [49894..50415], trnV-UAC [complement(53935..54530)], clpP [complement(73084..73745)], clpP [complement(74035..74852)], petB [77877..78670], petD [79508..80252], rpl16 [complement(84657..85671)], rpl2 [complement(87908..88592)], ndhB [complement(98846..99525)], trnI-GAU [105758..106697], trnA-UGC [106835..107641], ndhA [complement(124265..125405)], trnA-UGC [complement(138419..139225)], trnI-GAU [complement(139363..140305)], ndhB [146535..147214], rpl2 [157468..158152]
2976.	PRSI	1	rps12 [137411..137437]	-
2977.	PRSP	72	rps12 [complement(99898..99923)], rps12 [complement(100460..100691)], rps12 [complement(71361..71474)], trnK-UUU [complement(1694..1728)], trnK-UUU [complement(4258..4294)], rps16 [complement(5218..5447)], rps16 [complement(6311..6350)], trnG-UCC [8601..8623], trnG-UCC [9339..9385], atpF [complement(11587..11996)], atpF [complement(12742..12886)], rpoC1 [complement(20978..22594)], rpoC1 [complement(23355..23789)], ycf3 [complement(43901..44053)], ycf3 [complement(44831..45058)], ycf3	trnK-UUU [complement(1729..4257)], rps16 [complement(5448..6310)], trnG-UCC [8624..9338], atpF [complement(11997..12741)], rpoC1 [complement(22595..23354)], ycf3 [complement(44054..44830)], ycf3 [complement(45059..45768)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45769..45894)], trnL-UAA [48875..48911], trnL-UAA [49426..49475], trnV-UAC [complement(53010..53046)], trnV-UAC [complement(53636..53674)], rps12 [143153..143384], rps12 [143921..143946], clpP [complement(71684..71911)], clpP [complement(72580..72868)], clpP [complement(73680..73750)], petB [76672..76677], petB [77436..78077], petD [78265..78272], petD [79016..79490], rpl16 [complement(83003..83401)], rpl16 [complement(84420..84428)], rpl2 [complement(86215..86648)], rpl2 [complement(87332..87716)], ndhB [complement(96830..97585)], ndhB [complement(98266..99042)], trnI-GAU [104480..104521], trnI-GAU [105465..105499], trnA-UGC [105564..105601], trnA-UGC [106409..106443], ndhA [complement(122725..123263)], ndhA [complement(124406..124958)], trnA-UGC [complement(137401..137435)], trnA-UGC [complement(138243..138280)], trnI-GAU [complement(138345..138379)], trnI-GAU [complement(139323..139364)], ndhB [144802..145578], ndhB [146259..147014], rpl2 [156128..156512], rpl2 [157196..157629]	[48912..49425], trnV-UAC [complement(53047..53635)], clpP [complement(71912..72579)], clpP [complement(72869..73679)], petB [76678..77435], petD [78273..79015], rpl16 [complement(83402..84419)], rpl2 [complement(86649..87331)], ndhB [complement(97586..98265)], trnI-GAU [104522..105464], trnA-UGC [105602..106408], ndhA [complement(123264..124405)], trnA-UGC [complement(137436..138242)], trnI-GAU [complement(138380..139322)], ndhB [145579..146258], rpl2 [156513..157195]
2978.	PRST	24	rps12 [137330..137356]	trnK-UUU [complement(1815..4301)], rps16 [complement(5371..6179)], trnG-UCC [8819..9508], atpF [complement(11921..12634)], rpoC1 [complement(22019..22746)], pafI [complement(41237..41946)], pafI [complement(42175..42892)], trnL-UAA [46110..46614], trnV-UAC [complement(50587..51161)], clpP [complement(68851..69461)], clpP [complement(69753..70611)], petB [73618..74387], petD [75229..76012], rpl16 [complement(80322..81121)], rpl2 [complement(83188..83845)], ndhB [complement(93828..94506)], trnI-GAU [100483..101236], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101374..102181], ndhA [complement(117589..118654)], trnA-UGC [complement(131287..132094)], trnI-GAU [complement(132232..132985)], ndhB [138962..139640], rpl2 [149623..150280]
2979.	PRTA	66	rps12 [complement(99860..99885)], rps12 [complement(100422..100653)], rps12 [complement(72032..72145)], trnK-UUU [complement(1761..1795)], trnK-UUU [complement(4317..4353)], rps16 [complement(5043..5269)], rps16 [complement(6092..6131)], trnG-GCC [9293..9315], trnG-GCC [10031..10067], atpF [complement(11997..12407)], atpF [complement(13114..13257)], rpoC1 [complement(21273..22886)], rpoC1 [complement(23624..24076)], ycf3 [complement(43509..43661)], ycf3 [complement(44421..44650)], ycf3 [complement(45384..45507)], trnL-UAA [48527..48563], trnL-UAA [49059..49108], trnV-UAC [complement(52996..53032)], trnV-UAC [complement(53600..53637)], rps12 [141561..141792], rps12 [142329..142354], clpP [complement(72288..72515)], clpP [complement(73151..73442)], clpP [complement(74243..74313)], petB [77235..77240], petB [77994..78635], petD [78827..78832], petD [79575..80051], rpl2 [complement(86526..86960)], rpl2 [complement(87627..88016)], ndhB [complement(96842..97597)], ndhB [complement(98277..99053)], trnI-GAU [104386..104427], trnI-GAU [105139..105173], trnA-UGC [105238..105275], trnA-UGC [105965..105999], ndhA [complement(121533..122072)], ndhA [complement(123219..123770)], trnA [complement(136215..136249)], trnA [complement(136939..136976)], trnI-GAU [complement(137041..137075)], trnI-GAU [complement(137787..137828)], ndhB [143161..143937], ndhB [144617..145372]	trnK-UUU [complement(1796..4316)], rps16 [complement(5270..6091)], trnG-GCC [9316..10030], atpF [complement(12408..13113)], rpoC1 [complement(22887..23623)], ycf3 [complement(43662..44420)], ycf3 [complement(44651..45383)], trnL-UAA [48564..49058], trnV-UAC [complement(53033..53599)], clpP [complement(72516..73150)], clpP [complement(73443..74242)], petB [77241..77993], petD [78833..79574], rpl2 [complement(86961..87626)], ndhB [complement(97598..98276)], trnI-GAU [104428..105138], trnA-UGC [105276..105964], ndhA [complement(122073..123218)], trnA [complement(136250..136938)], trnI-GAU [complement(137076..137786)], ndhB [143938..144616]
2980.	PRTE	70	rps12 [complement(100735..100977)], rps12 [complement(71697..71810)], trnK-UUU [1761..1790], trnK-UUU [4335..4371], rps16 [complement(5294..5519)], rps16 [complement(6395..6435)], trnG-GCC [8980..9002], trnG-GCC [9730..9767], atpF [complement(12001..12411)], atpF [complement(13156..13299)], rpoC1 [complement(21414..23030)], rpoC1	trnK-UUU [1791..4334], rps16 [complement(5520..6394)], trnG-GCC [9003..9729], atpF [complement(12412..13155)], rpoC1 [complement(23031..23784)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(23785..24219)], ycf3 [complement(44364..44516)], ycf3 [complement(45280..45507)], ycf3 [complement(46223..46348)], trnL-UAA [49372..49408], trnL-UAA [49923..49972], trnV-UAC [53378..53414], trnV-UAC [54005..54043], rps12 [143348..143590], clpP [complement(71999..72226)], clpP [complement(72880..73168)], clpP [complement(73973..74043)], petB [76978..76983], petB [77732..78379], petD [78567..78574], petD [79319..79793], rpl16 [complement(83304..83702)], rpl16 [complement(84714..84722)], rpl2 [complement(86510..86944)], rpl2 [complement(87628..88011)], ndhB [complement(97125..97880)], ndhB [complement(98561..99337)], trnI-GAU [104765..104806], trnI-GAU [105750..105784], trnA-UGC [105849..105886], trnA-UGC [106694..106728], ndhA [complement(122878..123417)], ndhA [complement(124559..125110)], trnA-UGC [137597..137631], trnA-UGC [138439..138476], trnI-GAU [138541..138575], trnI-GAU [139519..139560], ndhB [144988..145764], ndhB [146445..147200], rpl2 [156315..156698], rpl2 [157382..157816]	[complement(44517..45279)], ycf3 [complement(45508..46222)], trnL-UAA [49409..49922], trnV-UAC [53415..54004], clpP [complement(72227..72879)], clpP [complement(73169..73972)], petB [76984..77731], petD [78575..79318], rpl16 [complement(83703..84713)], rpl2 [complement(86945..87627)], ndhB [complement(97881..98560)], trnI-GAU [104807..105749], trnA-UGC [105887..106693], ndhA [complement(123418..124558)], trnA-UGC [137632..138438], trnI-GAU [138576..139518], ndhB [145765..146444], rpl2 [156699..157381]
2981.	PRTH	73	rps12 [complement(100098..100123)], rps12 [complement(100665..100893)], rps12 [complement(71264..71377)], trnK-UUU [complement(1400..1434)], trnK-UUU [complement(4065..4101)], rps16 [complement(4813..5032)], rps16 [complement(5908..5948)], trnG-UCC [8977..8999], trnG-UCC [9706..9752], atpF [complement(11698..12108)], atpF [complement(12900..13046)], rpoC1 [complement(20959..22579)], rpoC1 [complement(23324..23751)], ycf3 [complement(43042..43202)], ycf3 [complement(43941..44168)], ycf3 [complement(44889..45012)], trnL-UAA [47999..48033], trnL-UAA [48552..48601], trnV-UAC [complement(53320..53356)], trnV-UAC [complement(53937..53975)], rps12 [complement(71264..71377)], rps12 [142736..142964], rps12 [143506..143531], clpP [complement(71539..71790)], clpP [complement(72441..72732)], clpP [complement(73548..73618)], petB [76538..76543], petB [77326..77973], petD [78187..78194], petD [78927..79440], rpl16 [complement(82902..83300)], rpl16 [complement(84417..84425)], rpl2 [complement(86354..86785)], rpl2 [complement(87450..87842)], ndhB [complement(97024..97779)], ndhB [complement(98484..99260)], trnI-GAU [104868..104909], trnI-GAU	trnK-UUU [complement(1435..4064)], rps16 [complement(5033..5907)], trnG-UCC [9000..9705], atpF [complement(12109..12899)], rpoC1 [complement(22580..23323)], ycf3 [complement(43203..43940)], ycf3 [complement(44169..44888)], trnL-UAA [48034..48551], trnV-UAC [complement(53357..53936)], clpP [complement(71791..72440)], clpP [complement(72733..73547)], petB [76544..77325], petD [78195..78926], rpl16 [complement(83301..84416)], rpl2 [complement(86786..87449)], ndhB [complement(97780..98483)], trnI-GAU [104910..105846], trnA-UGC [105984..106784], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105847..105881], trnA-UGC [105946..105983], trnA-UGC [106785..106819], ndhA [complement(122308..122846)], ndhA [complement(123908..124460)], trnA-UGC [complement(136810..136844)], trnA-UGC [complement(137646..137683)], trnI-GAU [complement(137748..137782)], trnI-GAU [complement(138720..138761)], ndhB [144369..145145], ndhB [145850..146605], rpl2 [155787..156176], rpl2 [156844..157275]	[complement(122847..123907)], trnA-UGC [complement(136845..137645)], trnI-GAU [complement(137783..138719)], ndhB [145146..145849], rpl2 [156177..156843]
2982.	PRTK	72	rps12 [complement(99930..99955)], rps12 [complement(100492..100723)], rps12 [complement(71375..71488)], trnK-UUU [complement(1694..1728)], trnK-UUU [complement(4258..4294)], rps16 [complement(5218..5447)], rps16 [complement(6311..6350)], trnG-UCC [8609..8631], trnG-UCC [9347..9393], atpF [complement(11593..12002)], atpF [complement(12748..12892)], rpoC1 [complement(20978..22594)], rpoC1 [complement(23355..23789)], ycf3 [complement(43921..44073)], ycf3 [complement(44850..45077)], ycf3 [complement(45788..45913)], trnL-UAA [48892..48928], trnL-UAA [49443..49492], trnV-UAC [complement(53027..53063)], trnV-UAC [complement(53653..53691)], rps12 [143185..143416], rps12 [143953..143978], clpP [complement(71713..71940)], clpP [complement(72610..72898)], clpP [complement(73711..73781)], petB [76703..76708], petB [77467..78108], petD [78296..78303], petD [79047..79521], rpl16 [complement(83034..83432)], rpl16 [complement(84451..84459)], rpl2 [complement(86247..86680)], rpl2 [complement(87364..87748)], ndhB [complement(96862..97617)], ndhB [complement(98298..99074)], trnI-GAU [104512..104553], trnI-GAU [105497..105531], trnA-UGC [105596..105633], trnA-UGC [106441..106475], ndhA [complement(122760..123298)], ndhA [complement(124439..124991)], trnA-UGC [complement(137433..137467)], trnA-UGC [complement(138275..138312)], trnI-GAU [complement(138377..138411)], trnI-GAU [complement(139355..139396)], ndhB [144834..145610], ndhB [146291..147046], rpl2 [156160..156544], rpl2 [157228..157661]	trnK-UUU [complement(1729..4257)], rps16 [complement(5448..6310)], trnG-UCC [8632..9346], atpF [complement(12003..12747)], rpoC1 [complement(22595..23354)], ycf3 [complement(44074..44849)], ycf3 [complement(45078..45787)], trnL-UAA [48929..49442], trnV-UAC [complement(53064..53652)], clpP [complement(71941..72609)], clpP [complement(72899..73710)], petB [76709..77466], petD [78304..79046], rpl16 [complement(83433..84450)], rpl2 [complement(86681..87363)], ndhB [complement(97618..98297)], trnI-GAU [104554..105496], trnA-UGC [105634..106440], ndhA [complement(123299..124438)], trnA-UGC [complement(137468..138274)], trnI-GAU [complement(138412..139354)], ndhB [145611..146290], rpl2 [156545..157227]
2983.	PRTO	39	rps12 [complement(101111..101350)], rps12 [complement(71886..72023)], rpoC1 [complement(23174..23608)], trnL-UAA [48498..48534], trnL-UAA [49049..49098], trnV-UAC [complement(52545..52581)], trnV-UAC	atpF [complement(11805..12534)], rpoC1 [complement(22438..23173)], ycf3 [complement(43662..44424)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53172..53210)], atpB [complement(54229..54324)], atpB [complement(56101..56490)], rps12 [143637..143876], ndhB [complement(97506..98261)], trnI-GAU [105140..105181], trnI-GAU [106125..106159], trnA-UGC [106224..106261], trnA-UGC [107069..107103], trnA-UGC [complement(137884..137918)], trnA-UGC [complement(138726..138763)], trnI-GAU [complement(138828..138862)], trnI-GAU [complement(139806..139847)]	[complement(44653..45368)], trnL-UAA [48535..49048], trnV-UAC [complement(52582..53171)], atpB [complement(54325..54347)], atpB [complement(55140..55664)], atpB [complement(55968..56100)], clpP [complement(72440..73158)], clpP [complement(73462..74262)], rpl2 [complement(87317..88002)], ndhB [complement(98262..98941)], trnI-GAU [105182..106124], trnA-UGC [106262..107068], ndhA [complement(123752..124891)], trnA-UGC [complement(137919..138725)], trnI-GAU [complement(138863..139805)], ndhB [146046..146725], rpl2 [156985..157664]
2984.	PRTR	58	trnK-UUU [complement(1983..2017)], trnK-UUU [complement(4527..4563)], rps16 [complement(5296..5492)], trnG-GCC [9225..9247], trnG-GCC [9946..9986], atpF [complement(11908..12308)], atpF [complement(13046..13190)], rpoC1 [complement(20844..22448)], rpoC1 [complement(23192..23644)], ycf3 [complement(43211..43363)], ycf3 [complement(45098..45221)], trnL-UAA [48319..48353], trnL-UAA [48860..48909], trnV-UAC [complement(52546..52580)], trnV-UAC [complement(53148..53186)], rps12 [142182..142207], clpP [complement(70749..70979)], clpP [complement(71617..71908)], clpP [complement(72748..72818)], petB [76526..77167], petD [78096..78576], rpl16 [complement(82061..82459)], rpl2 [complement(85111..85544)], rpl2 [complement(86196..86586)], ndhB [complement(94749..95504)], ndhB [complement(96187..96963)], trnI-GAU [102503..102539], trnI-GAU [103490..103524], trnA-UGC [103589..103626], trnA-UGC [104442..104476], ndhA [complement(121071..121609)], trnA-UGC [complement(135517..135551)], trnA-UGC [complement(136367..136404)],	trnK-UUU [complement(2018..4526)], rps16 [complement(5493..6354)], trnG-GCC [9248..9945], atpF [complement(12309..13045)], rpoC1 [complement(22449..23191)], ycf3 [complement(43364..44146)], ycf3 [complement(44377..45097)], trnL-UAA [48354..48859], trnV-UAC [complement(52581..53147)], clpP [complement(70980..71616)], clpP [complement(71909..72747)], petB [75770..76525], petD [77355..78095], rpl16 [complement(82460..83408)], rpl2 [complement(85545..86195)], ndhB [complement(95505..96186)], trnI-GAU [102540..103489], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(136469..136503)], trnI-GAU [complement(137454..137490)], ndhB [144489..145244]	[103627..104441], ndhA [complement(121610..122687)], trnA-UGC [complement(135552..136366)], trnI-GAU [complement(136504..137453)], ndhB [143807..144488]
2985.	PRUT	50	rps12 [complement(99562..99804)], rps12 [complement(70704..70817)], trnK-UUU [complement(1756..1778)], trnK-UUU [complement(4274..4310)], rps16 [complement(5240..5449)], trnG-GCC [8578..8600], trnG-GCC [9324..9360], ycf3 [complement(43589..43741)], trnL-UAA [48592..48628], trnL-UAA [49157..49206], trnV-UAC [complement(52622..52658)], trnV-UAC [complement(53255..53293)], rps12 [141478..141720], clpP [complement(70987..71214)], petB [76694..77335], petD [78263..78739], rpl16 [complement(82233..82631)], rpl2 [complement(85346..85780)], ndhB [complement(95952..96707)], trnI-GAU [103577..103618], trnI-GAU [104563..104597], trnA-UGC [104662..104699], trnA-UGC [105513..105547], ndhA [complement(121188..121727)], trnI-GAU [complement(136685..136719)], trnI-GAU [complement(137664..137705)], ndhB [144575..145330], rpl2 [155496..155930]	trnK-UUU [complement(1779..4273)], rps16 [complement(5450..6324)], trnG-GCC [8601..9323], atpF [complement(11812..12546)], rpoC1 [complement(22347..23111)], ycf3 [complement(43742..44486)], ycf3 [complement(44715..45420)], trnL-UAA [48629..49156], trnV-UAC [complement(52659..53254)], clpP [complement(71215..71827)], clpP [complement(72119..72936)], petB [75949..76693], petD [77544..78262], rpl16 [complement(82632..83633)], rpl2 [complement(85781..86453)], ndhB [complement(96708..97392)], trnI-GAU [103619..104562], trnA-UGC [104700..105512], ndhA [complement(121728..122885)], trnI-GAU [complement(136720..137663)], ndhB [143890..144574], rpl2 [154823..155495]
2986.	PRVE	49	rps12 [complement(95499..95525)], rps12 [complement(96067..96297)], rps12 [complement(67784..67897)], trnK-UUU [complement(1585..1619)], trnK-UUU [complement(4136..4172)], rps16 [complement(4949..5173)], rps16 [complement(6022..6063)], trnG-UCC [8766..8788], trnG-UCC [9517..9564], atpF [complement(11594..12004)], atpF [complement(12704..12862)], rpoC1 [complement(20444..22075)], rpoC1 [complement(22805..23239)], pafI [complement(41606..41758)], pafI [complement(42494..42721)], pafI	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43432..43560)], trnL-UAA [46549..46585], trnL-UAA [47034..47083], trnV-UAC [complement(50569..50605)], trnV-UAC [complement(51192..51230)], rps12 [136602..136832], rps12 [137375..137401], clpP [complement(68051..68278)], clpP [complement(68936..69226)], clpP [complement(70011..70079)], petB [73047..73052], petB [73831..74472], petD [74662..74667], petD [75404..75880], rpl16 [complement(79252..79650)], rpl16 [complement(80651..80659)], rpl2 [complement(82284..82718)], rpl2 [complement(83377..83769)], ndhB [complement(92446..93201)], ndhB [complement(93881..94657)], trnI-GAU [99984..100025], trnI-GAU [100768..100802], trnA-UGC [100867..100904], trnA-UGC [101712..101746], ndhA [complement(116774..117313)], ndhA [complement(118379..118930)], trnA-UGC [complement(131151..131185)], trnA-UGC [complement(131993..132031)], trnI-GAU [complement(132095..132129)], trnI-GAU [complement(132872..132913)], ndhB [138251..139027], ndhB [139707..140462], rpl2 [149136..149528], rpl2 [150187..150621]	
2987.	PRVU	26	rps12 [complement(95973..95998)], rps12 [complement(96535..96766)], rps12 [complement(68601..68726)]	trnK-UUU [complement(1681..4182)], rps16 [complement(4987..5802)], trnG-UCC [8685..9370], atpF [complement(11811..12505)], rpoC1 [complement(22082..22842)], ycf3 [complement(41977..42719)], ycf3 [complement(42948..43660)], trnL-UAA [46743..47240], trnV-UAC [complement(50961..51543)], clpP [complement(69083..69712)], clpP [complement(70005..70689)], petB [73686..74406], petD [75244..75964], rpl16 [complement(80293..81102)], rpl2 [complement(83225..83895)], ndhB [complement(93735..94409)], trnI-GAU [100519..101464], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[101607..102411], ndhA [complement(117695..118700)], trnA-UGC [complement(131620..132424)], trnI-GAU [complement(132567..133512)], ndhB [139622..140296], rpl2 [150136..150806]
2988.	PRW O	72	rps12 [complement(96821..96847)], rps12 [complement(97388..97618)], rps12 [complement(69142..69255)], trnK-UUU [complement(1527..1561)], trnK-UUU [complement(4060..4096)], rps16 [complement(4889..5107)], rps16 [complement(5917..5958)], trnG-UCC [8639..8661], trnG-UCC [9371..9418], atpF [complement(11375..11785)], atpF [complement(12490..12648)], rpoC1 [complement(20235..21860)], rpoC1 [complement(22576..23010)], pafI [complement(41742..41894)], pafI [complement(42603..42830)], pafI [complement(43553..43678)], trnL-UAA [46711..46747], trnL-UAA [47249..47298], trnV-UAC [complement(50971..51007)], trnV-UAC [complement(51578..51616)], rps12 [137374..137604], rps12 [138145..138171], clpP [complement(69399..69626)], clpP [complement(70240..70530)], clpP [complement(71392..71460)], petB [74420..74425], petB [75203..75844], petD [76041..76046], petD [76824..77300], rpl16 [complement(80653..81051)], rpl16 [complement(81850..81858)], rpl2 [complement(83481..83915)], rpl2 [complement(84574..84966)], ndhB [complement(93781..94536)], ndhB [complement(95216..95992)], trnI-GAU [101151..101192], trnI-GAU [101947..101981], trnA-UGC [102046..102083], trnA-UGC [102892..102926], ndhA [complement(117783..118328)], ndhA [complement(119394..119945)], trnA-UGC [complement(132066..132100)], trnA-UGC [complement(132909..132947)], trnI-GAU [complement(133011..133045)], trnI-GAU [complement(133800..133841)], ndhB [139000..139776], ndhB [140456..141211], rpl2 [150026..150418], rpl2 [151077..151511]	trnK-UUU [complement(1562..4059)], rps16 [complement(5108..5916)], trnG-UCC [8662..9370], atpF [complement(11786..12489)], rpoC1 [complement(21861..22575)], pafI [complement(41895..42602)], pafI [complement(42831..43552)], trnL-UAA [46748..47248], trnV-UAC [complement(51008..51577)], clpP [complement(69627..70239)], clpP [complement(70531..71391)], petB [74426..75202], petD [76047..76823], rpl16 [complement(81052..81849)], rpl2 [complement(83916..84573)], ndhB [complement(94537..95215)], trnI-GAU [101193..101946], trnA-UGC [102084..102891], ndhA [complement(118329..119393)], trnA-UGC [complement(132101..132908)], trnI-GAU [complement(133046..133799)], ndhB [139777..140455], rpl2 [150419..151076]
2989.	PRYE	72	rps12 [complement(99899..99924)], rps12 [complement(100461..100692)], rps12 [complement(71406..71519)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4303..4339)], rps16 [complement(5273..5502)], rps16 [complement(6366..6405)], trnG-UCC [8651..8673], trnG-UCC [9388..9434],	trnK-UUU [complement(1768..4302)], rps16 [complement(5503..6365)], trnG-UCC [8674..9387], atpF [complement(12038..12783)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(11628..12037)], atpF [complement(12784..12928)], rpoC1 [complement(21014..22630)], rpoC1 [complement(23391..23825)], ycf3 [complement(43952..44104)], ycf3 [complement(44876..45103)], ycf3 [complement(45814..45939)], trnL-UAA [48925..48961], trnL-UAA [49476..49525], trnV-UAC [complement(53052..53088)], trnV-UAC [complement(53678..53716)], rps12 [143145..143376], rps12 [143913..143938], clpP [complement(71708..71935)], clpP [complement(72599..72887)], clpP [complement(73698..73768)], petB [76670..76675], petB [77428..78069], petD [78257..78264], petD [79009..79483], rpl16 [complement(82998..83396)], rpl16 [complement(84413..84421)], rpl2 [complement(86228..86661)], rpl2 [complement(87345..87729)], ndhB [complement(96837..97592)], ndhB [complement(98273..99049)], trnI-GAU [104481..104522], trnI-GAU [105466..105500], trnA-UGC [105565..105602], trnA-UGC [106410..106444], ndhA [complement(122728..123266)], ndhA [complement(124406..124958)], trnA-UGC [complement(137393..137427)], trnA-UGC [complement(138235..138272)], trnI-GAU [complement(138337..138371)], trnI-GAU [complement(139315..139356)], ndhB [144788..145564], ndhB [146245..147000], rpl2 [156108..156492], rpl2 [157176..157609]	[complement(22631..23390)], ycf3 [complement(44105..44875)], ycf3 [complement(45104..45813)], trnL-UAA [48962..49475], trnV-UAC [complement(53089..53677)], clpP [complement(71936..72598)], clpP [complement(72888..73697)], petB [76676..77427], petD [78265..79008], rpl16 [complement(83397..84412)], rpl2 [complement(86662..87344)], ndhB [complement(97593..98272)], trnI-GAU [104523..105465], trnA-UGC [105603..106409], ndhA [complement(123267..124405)], trnA-UGC [complement(137428..138234)], trnI-GAU [complement(138372..139314)], ndhB [145565..146244], rpl2 [156493..157175]
2990.	PRZI	67	rps12 [complement(101253..101278)], rps12 [complement(101815..102046)], rps12 [complement(72748..72861)], trnK-UUU [complement(1717..1751)], trnK-UUU [complement(4271..4307)], rps16 [complement(5253..5471)], rps16 [complement(6338..6376)], atpF [complement(12062..12472)], atpF [complement(13236..13379)], rpoC1 [complement(21516..23132)], rpoC1 [complement(23900..24334)], ycf3 [complement(44760..44912)], ycf3 [complement(45675..45902)], ycf3 [complement(46656..46781)], trnL-UAA [50136..50170], trnL-UAA [50688..50737], trnV-UAC [complement(54138..54174)], trnV-UAC [complement(54777..54815)], rps12 [complement(72748..72861)], rps12 [144234..144465], rps12 [145002..145027], clpP [complement(73046..73273)], clpP [complement(73928..74218)], clpP [complement(75034..75102)], petB [78058..78063], petB [78813..79466], rpl16 [complement(84392..84793)],	trnK-UUU [complement(1752..4270)], rps16 [complement(5472..6337)], atpF [complement(12473..13235)], rpoC1 [complement(23133..23899)], ycf3 [complement(44913..45674)], ycf3 [complement(45903..46655)], trnL-UAA [50171..50687], trnV-UAC [complement(54175..54776)], clpP [complement(73274..73927)], clpP [complement(74219..75033)], petB [78064..78812], rpl16 [complement(84794..85809)], rpl2 [complement(88023..88704)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(85810..85818)], rpl2 [complement(87588..88022)], rpl2 [complement(88705..89091)], ndhB [complement(98199..98954)], ndhB [complement(99635..100411)], trnI-GAU [105828..105859], trnI-GAU [106808..106847], trnA-UGC [106912..106949], trnA-UGC [107757..107791], ndhA [complement(123816..124355)], ndhA [complement(125506..126057)], trnA-UGC [complement(138489..138523)], trnA-UGC [complement(139331..139368)], trnI-GAU [complement(139433..139472)], trnI-GAU [complement(140411..140452)], ndhB [145869..146645], ndhB [147326..148081], rpl2 [157189..157572], rpl2 [158258..158692]	[complement(98955..99634)], trnI-GAU [105860..106807], trnA-UGC [106950..107756], ndhA [complement(124356..125505)], trnA-UGC [complement(138524..139330)], trnI-GAU [complement(139473..140410)], ndhB [146646..147325], rpl2 [157573..158257]
2991.	PSAM	41	trnV-UAC [complement(3555..3591)], trnV-UAC [complement(4132..4170)], petB [26020..26025], petB [26823..27464], petD [27671..27679], petD [28380..28874], rpl16 [complement(32276..32671)], rpl16 [complement(33546..33554)], rpl2 [complement(35091..35522)], rpl2 [complement(36203..36601)], trnL-UAA [complement(39722..39771)], trnL-UAA [complement(40260..40294)], ycf3 [42832..42957], ycf3 [43687..43914], ycf3 [44640..44795], trnI-GAU [57801..57842], trnI-GAU [58819..58853], trnA-UGC [58933..58970], trnA-UGC [59750..59784], trnK-UUU [complement(94861..94895)], trnK-UUU [complement(97419..97455)], trnG-UCC [102129..102151], trnG-UCC [102930..102977], atpF [complement(104947..105357)], atpF [complement(106117..106260)], rpoC1 [complement(113201..114859)], rpoC1 [complement(115539..115970)]	trnV-UAC [complement(3592..4131)], petB [26026..26822], petD [27680..28379], rpl16 [complement(32672..33545)], rpl2 [complement(35523..36202)], trnL-UAA [complement(39772..40259)], ycf3 [42958..43686], ycf3 [43915..44639], trnI-GAU [57843..58818], trnA-UGC [58971..59749], trnK-UUU [complement(94896..97418)], trnG-UCC [102152..102929], atpF [complement(105358..106116)], rpoC1 [complement(114860..115538)]
2992.	PSCA	59	rps12 [complement(92104..92139)], rps12 [complement(92678..92908)], rps12 [complement(70029..70142)], trnK-UUU [complement(1389..1421)], trnK-UUU [complement(3937..3974)], rps16 [complement(4531..4746)], rps16 [complement(5576..5617)], atpF [35331..35489], atpF [36315..36722], ycf3 [complement(44485..44643)], ycf3 [complement(45368..45595)], ycf3 [complement(46336..46467)], trnL-UAA [49223..49257], trnL-UAA [49798..49847], trnV-UAC [complement(53265..53301)], trnV-UAC [complement(53898..53936)], petB [73869..73874], petB [74692..75333], petD [75522..75530], petD [76280..76753], rpl16 [complement(80380..80781)], rpl16 [complement(81873..81881)], rpl2 [complement(83863..84294)], rpl2 [complement(84955..85347)], ndhB [complement(89035..89790)], ndhB	trnK-UUU [complement(1422..3936)], rps16 [complement(4747..5575)], atpF [35490..36314], ycf3 [complement(44644..45367)], ycf3 [complement(45596..46335)], trnL-UAA [49258..49797], trnV-UAC [complement(53302..53897)], petB [73875..74691], petD [75531..76279], rpl16 [complement(80782..81872)], rpl2 [complement(84295..84954)], ndhB [complement(89791..90502)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90503..91279)], trnI-GAU [96733..96774], trnI-GAU [97720..97754], trnA-UGC [97820..97857], trnA-UGC [98669..98703], ndhA [complement(114784..115323)], ndhA [complement(116350..116898)], trnA-UGC [complement(124265..124299)], trnA-UGC [complement(125111..125148)], trnI-GAU [complement(125214..125248)], trnI-GAU [complement(126194..126235)], ndhB [131689..132465], ndhB [133178..133933], rpl2 [137621..138013], rpl2 [138674..139105]	[96775..97719], trnA-UGC [97858..98668], ndhA [complement(115324..116349)], trnA-UGC [complement(124300..125110)], trnI-GAU [complement(125249..126193)], ndhB [132466..133177], rpl2 [138014..138673]
2993.	PSCH	41	rps12 [complement(92535..92560)], rps12 [complement(93129..93360)], rps12 [complement(74935..75048)], trnK-UUU [complement(1330..1364)], trnK-UUU [complement(3740..3776)], ycf3 [8525..8650], ycf3 [9334..9559], ycf3 [10269..10426], rpoC1 [28631..29072], rpoC1 [29741..31413], atpF [37657..37801], atpF [38508..38917], trnL-UAA [44220..44254], trnL-UAA [44705..44754], trnV-UAC [complement(48151..48187)], trnV-UAC [complement(48727..48764)], petD [complement(59056..59551)], petD [complement(60190..60197)], petB [complement(60418..61060)], petB [complement(61819..61823)], rpl16 [complement(76296..76751)], rpl16 [complement(77631..77639)], rpl2 [complement(79242..79672)], rpl2 [complement(80351..80750)], ndhB [complement(89555..90310)], ndhB [complement(91011..91733)], ndhA [complement(114628..115176)], ndhA [complement(115934..116482)]	trnK-UUU [complement(1365..3739)], ycf3 [8651..9333], ycf3 [9560..10268], rpoC1 [29073..29740], atpF [37802..38507], trnL-UAA [44255..44704], trnV-UAC [complement(48188..48726)], petD [complement(59552..60189)], petB [complement(61061..61818)], rpl16 [complement(76752..77630)], rpl2 [complement(79673..80350)], ndhB [complement(90311..91010)], ndhA [complement(115177..115933)]
2994.	PSCO	23	trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3920..3957)], rps12 [130761..130789]	trnK-UUU [complement(1415..3919)], rps16 [complement(4715..5552)], trnG-UCC [complement(13646..14343)], atpF [35323..36153], ycf3 [complement(44470..45200)], ycf3 [complement(45429..46188)], trnL-UAA [49093..49542], trnV-UAC [complement(53273..53874)], petB [73416..74169], petD [75008..75747], rpl16 [complement(80187..81271)], rpl2 [complement(83668..84330)], ndhB [complement(90300..91003)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[97339..98284], trnA-UGC [98423..99232], ndhA [complement(115185..116211)], trnA-UGC [complement(124166..124975)], trnI-GAU [complement(125114..126059)], ndhB [132395..133098], rpl2 [139068..139730]
2995.	PSFA	23	trnK-UUU [complement(1388..1416)], trnK-UUU [complement(3921..3958)], rps12 [130484..130512]	trnK-UUU [complement(1417..3920)], rps16 [complement(4744..5582)], trnG-UCC [complement(13812..14509)], atpF [35186..36017], ycf3 [complement(44344..45076)], ycf3 [complement(45305..46058)], trnL-UAA [48978..49436], trnV-UAC [complement(53182..53783)], petB [73167..73914], petD [74753..75493], rpl16 [complement(79923..80999)], rpl2 [complement(83409..84071)], ndhB [complement(90059..90756)], trnI-GAU [97071..98016], trnA-UGC [98155..98964], ndhA [complement(114935..115954)], trnA-UGC [complement(123910..124719)], trnI-GAU [complement(124858..125803)], ndhB [132118..132815], rpl2 [138803..139465]
2996.	PSGU	2	rps12 [complement(73339..73452)], rps12 [145106..145131]	-
2997.	PSJA	12	atpF [34963..35122], atpF [35961..36367], ndhB [complement(88866..89646)], ndhB [complement(90356..91110)], ndhB [131634..132408], ndhB [133121..133878], rpl2 [137554..137962], rpl2 [138623..139050]	atpF [35123..35960], ndhB [complement(89647..90355)], ndhB [132409..133120], rpl2 [137963..138622]
2998.	PSJU	40	rps12 [complement(67733..67846)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3903..3940)], trnG-GCC [complement(12862..12909)], trnG-GCC [complement(13591..13614)], trnL-UAA [46806..46840], trnL-UAA [47405..47454], trnV-UAC [complement(50959..50995)], trnV-UAC [complement(51592..51630)], rps12	trnK-UUU [complement(1405..3902)], rps16 [complement(4725..5539)], trnG-GCC [complement(12910..13590)], atpF [33119..33938], ycf3 [complement(42274..43000)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[127846..127875], ndhB [complement(86436..87191)], trnI-GAU [94132..94173], trnI-GAU [94975..95009], trnA-UGC [95075..95112], trnA-UGC [95924..95958], trnA-UGC [complement(121421..121455)], trnA-UGC [complement(122267..122304)], trnI-GAU [complement(122370..122404)], trnI-GAU [complement(123206..123247)], ndhB [130188..130943]	[complement(43229..43972)], trnL-UAA [46841..47404], trnV-UAC [complement(50996..51591)], petB [71597..72346], petD [73183..73919], rpl16 [complement(78400..79360)], rpl2 [complement(81803..82462)], ndhB [complement(87192..87903)], trnI-GAU [94174..94974], trnA-UGC [95113..95923], ndhA [complement(112479..113503)], trnA-UGC [complement(121456..122266)], trnI-GAU [complement(122405..123205)], ndhB [129476..130187], rpl2 [134917..135576]
2999.	PSLE	62	rps12 [complement(92297..92325)], rps12 [complement(92866..93097)], rps12 [complement(69329..69442)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3886..3923)], rps16 [complement(4474..4691)], rps16 [complement(5521..5560)], trnG-UCC [complement(13355..13402)], trnG-UCC [complement(14095..14117)], atpF [34868..35026], atpF [35841..36248], ycf3 [complement(44043..44201)], ycf3 [complement(44930..45157)], ycf3 [complement(45896..46027)], trnL-UAA [48758..48792], trnL-UAA [49333..49382], trnV-UAC [complement(52971..53007)], trnV-UAC [complement(53610..53648)], petB [73201..73206], petB [73960..74607], petD [74797..74804], petD [75537..76011], rpl16 [complement(79522..79923)], rpl16 [complement(80992..81000)], rpl2 [complement(82963..83394)], rpl2 [complement(84058..84447)], ndhB [complement(89224..89979)], ndhB [complement(90692..91468)], trnI-GAU [96951..96992], trnI-GAU [97938..97972], trnA-UGC [98038..98075], trnA-UGC [98886..98920], ndhA [complement(114427..114966)], ndhA [complement(115988..116536)], trnA-UGC [complement(123940..123974)], trnA-UGC [complement(124785..124822)], trnI-GAU [complement(124888..124922)], trnI-GAU [complement(125868..125909)], ndhB [131392..132168], ndhB [132881..133636], rpl2 [138413..138802], rpl2 [139466..139897]	trnK-UUU [complement(1405..3885)], rps16 [complement(4692..5520)], trnG-UCC [complement(13403..14094)], atpF [35027..35840], ycf3 [complement(44202..44929)], ycf3 [complement(45158..45895)], trnL-UAA [48793..49332], trnV-UAC [complement(53008..53609)], petB [73207..73959], petD [74805..75536], rpl16 [complement(79924..80991)], rpl2 [complement(83395..84057)], ndhB [complement(89980..90691)], trnI-GAU [96993..97937], trnA-UGC [98076..98885], ndhA [complement(114967..115987)], trnA-UGC [complement(123975..124784)], trnI-GAU [complement(124923..125867)], ndhB [132169..132880], rpl2 [138803..139465]
3000.	PSSI	41	trnK [complement(1606..1640)], trnK [complement(4152..4186)], rps12	trnK [complement(1641..4151)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[9935..10048], rps12 [111610..111841], rps12 [112385..112410], rpoC1 [38158..38589], rpoC1 [39251..40909], atpF [47981..48125], atpF [48899..49308], trnG [51279..51326], trnG [52153..52175], petB [56055..56060], petB [56847..57488], petD [57703..57710], petD [58407..58935], rpl16 [complement(62306..62701)], rpl16 [complement(63570..63578)], rpl2 [complement(65095..65525)], rpl2 [complement(66214..66613)], trnL [complement(69690..69739)], trnL [complement(70216..70250)], ycf3 [72745..72868], ycf3 [73591..73820], ycf3 [74534..74689], trnI [87654..87690], trnI [88673..88707], trnA [88787..88824], trnA [89600..89634]	[38590..39250], atpF [48126..48898], trnG [51327..52152], petB [56061..56846], petD [57711..58406], rpl16 [complement(62702..63569)], rpl2 [complement(65526..66213)], trnL [complement(69740..70215)], ycf3 [72869..73590], ycf3 [73821..74533], trnI [87691..88672], trnA [88825..89599]
3001.	PSVI	42	rps12 [complement(71390..71503)], trnK-UUU [complement(1457..1491)], trnK-UUU [complement(4097..4133)], trnG-GCC [9231..9253], trnG-GCC [9945..9992], trnL-UAA [47381..47415], trnL-UAA [47938..47987], trnV-UAC [complement(52732..52768)], trnV-UAC [complement(53356..53394)], rps12 [complement(71390..71503)], rps12 [143462..143487], trnI-GAU [104888..104929], trnI-GAU [105866..105900], trnA-UGC [105965..106002], trnA-UGC [106804..106838], trnA-UGC [complement(136728..136762)], trnA-UGC [complement(137564..137601)], trnI-GAU [complement(137666..137700)], trnI-GAU [complement(138637..138678)]	trnK-UUU [complement(1492..4096)], rps16 [complement(5052..5915)], trnG-GCC [9254..9944], atpF [complement(12362..13184)], rpoC1 [complement(22773..23516)], ycf3 [complement(42740..43473)], ycf3 [complement(43702..44413)], trnL-UAA [47416..47937], trnV-UAC [complement(52769..53355)], clpP [complement(71891..72540)], clpP [complement(72833..73643)], petB [76650..77436], petD [78306..79044], rpl16 [complement(83484..84497)], rpl2 [complement(86781..87442)], ndhB [complement(97761..98464)], trnI-GAU [104930..105865], trnA-UGC [106003..106803], ndhA [complement(122840..123890)], trnA-UGC [complement(136763..137563)], trnI-GAU [complement(137701..138636)], ndhB [145102..145805], rpl2 [156124..156785]
3002.	PTCO	73	rps12 [complement(101576..101601)], rps12 [complement(102138..102369)],	trnK-UUU [complement(1798..4302)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(73616..73729)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4303..4339)], rps16 [complement(5203..5428)], rps16 [complement(6285..6322)], trnG-GCC [10105..10127], trnG-GCC [10825..10872], atpF [complement(12881..13289)], atpF [complement(14000..14157)], rpoC1 [complement(21929..23555)], rpoC1 [complement(24283..24716)], ycf3 [complement(44730..44882)], ycf3 [complement(45636..45863)], ycf3 [complement(46580..46705)], trnL-UAA [49904..49940], trnL-UAA [50448..50497], trnV-UAC [complement(54503..54539)], trnV-UAC [complement(55142..55180)], rps12 [complement(73616..73729)], rps12 [144570..144801], rps12 [145338..145363], clpP [complement(73869..74096)], clpP [complement(74738..75028)], clpP [complement(75837..75905)], petB [78830..78835], petB [79585..80232], petD [80426..80434], petD [81158..81682], rpl16 [complement(85137..85538)], rpl16 [complement(86584..86592)], rpl2 [complement(88167..88601)], rpl2 [complement(89263..89655)], ndhB [complement(98518..99273)], ndhB [complement(99953..100729)], trnI-GAU [106313..106354], trnI-GAU [107296..107330], trnA-UGC [107395..107432], trnA-UGC [108240..108274], ndhA [complement(124033..124571)], ndhA [complement(125675..126227)], trnA-UGC [complement(138665..138699)], trnA-UGC [complement(139507..139544)], trnI-GAU [complement(139609..139643)], trnI-GAU [complement(140585..140626)], ndhB [146210..146986], ndhB [147666..148421], rpl2 [157284..157676], rpl2 [158338..158772]</p>	<p>[complement(5429..6284)], trnG-GCC [10128..10824], atpF [complement(13290..13999)], rpoC1 [complement(23556..24282)], ycf3 [complement(44883..45635)], ycf3 [complement(45864..46579)], trnL-UAA [49941..50447], trnV-UAC [complement(54540..55141)], clpP [complement(74097..74737)], clpP [complement(75029..75836)], petB [78836..79584], petD [80435..81157], rpl16 [complement(85539..86583)], rpl2 [complement(88602..89262)], ndhB [complement(99274..99952)], trnI-GAU [106355..107295], trnA-UGC [107433..108239], ndhA [complement(124572..125674)], trnA-UGC [complement(138700..139506)], trnI-GAU [complement(139644..140584)], ndhB [146987..147665], rpl2 [157677..158337]</p>
3003.	PTDI	47	<p>rps12 [complement(98006..98031)], rps12 [complement(98572..98803)], rps12 [complement(69892..70005)], trnK [complement(1669..1703)], trnK [complement(4240..4276)], trnG [7837..7859], trnG [8644..8692], atpF [complement(10939..11348)], atpF [complement(12188..12332)], rpoC1 [complement(20319..21935)], rpoC1 [complement(22677..23108)], ycf3 [complement(42700..42852)], ycf3 [complement(43687..43914)], ycf3 [complement(44656..44781)], trnL [47540..47574], trnL [48114..48163], trnV [complement(51859..51893)], trnV [complement(52505..52543)], rps12 [140864..141095], rps12 [141636..141661], clpP [complement(70197..70424)],</p>	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(71043..71334)], clpP [complement(72299..72369)], petB [75266..75271], petB [76047..76688], petD [76893..76900], petD [77696..78170], rpl16 [complement(81629..82027)], rpl16 [complement(83066..83074)], rpl2 [complement(84856..85290)], rpl2 [complement(85962..86351)], ndhB [complement(94945..95700)], ndhB [complement(96381..97160)], trnI [102779..102815], trnI [103663..103697], trnA [103767..103804], trnA [104606..104640], ndhA [complement(120584..121122)], ndhA [complement(122141..122693)], trnA [complement(135027..135061)], trnA [complement(135863..135900)], trnI [complement(135970..136004)], trnI [complement(136852..136888)], ndhB [142507..143286], ndhB [143967..144722], rpl2 [153316..153705], rpl2 [154377..154811]</p>	
3004.	PTHI	64	<p>trnK-UUU [complement(1745..1779)], trnK-UUU [complement(4285..4321)], rps16 [complement(5185..5410)], rps16 [complement(6271..6308)], trnG-GCC [10080..10102], trnG-GCC [10805..10852], atpF [complement(12864..13272)], atpF [complement(13983..14140)], rpoC1 [complement(21913..23539)], rpoC1 [complement(24267..24700)], ycf3 [complement(44711..44863)], ycf3 [complement(45616..45843)], ycf3 [complement(46565..46690)], trnL-UAA [49914..49950], trnL-UAA [50459..50508], trnV-UAC [complement(54519..54555)], trnV-UAC [complement(55158..55196)], rps12 [complement(73678..73791)], rps12 [144612..144843], rps12 [145380..145405], clpP [complement(73931..74159)], clpP [complement(74801..75091)], clpP [complement(75912..75979)], petB [78904..78909], petB [79653..80309], petD [80503..80511], petD [81235..81759], rpl16 [complement(85209..85610)], rpl16 [complement(86674..86682)], trnI-GAU [106410..106451], trnI-GAU [107393..107427], trnA-UGC [107492..107529], trnA-UGC [108337..108371], ndhA [complement(124084..124622)], ndhA [complement(125720..126272)], trnA-UGC [complement(138702..138736)], trnA-UGC [complement(139544..139581)], trnI-GAU [complement(139646..139680)], trnI-GAU [complement(140622..140663)], ndhB [146252..147028], ndhB [147708..148463], rpl2 [157327..157719], rpl2 [158381..158815]</p>	<p>trnK-UUU [complement(1780..4284)], rps16 [complement(5411..6270)], trnG-GCC [10103..10804], atpF [complement(13273..13982)], rpoC1 [complement(23540..24266)], ycf3 [complement(44864..45615)], ycf3 [complement(45844..46564)], trnL-UAA [49951..50458], trnV-UAC [complement(54556..55157)], clpP [complement(74160..74800)], clpP [complement(75092..75911)], petB [78910..79652], petD [80512..81234], rpl16 [complement(85611..86673)], trnI-GAU [106452..107392], trnA-UGC [107530..108336], ndhA [complement(124623..125719)], trnA-UGC [complement(138737..139543)], trnI-GAU [complement(139681..140621)], ndhB [147029..147707], rpl2 [157720..158380]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3005.	PTHO	65	rps12 [complement(102664..102689)], rps12 [complement(103263..103494)], rps12 [complement(74861..74974)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4411..4447)], rps16 [complement(5082..5317)], rps16 [complement(6173..6212)], trnG-GCC [10150..10170], trnG-GCC [10882..10928], atpF [complement(12879..13289)], atpF [complement(14017..14160)], rpoC1 [complement(22230..23846)], rpoC1 [complement(24616..25047)], ycf3 [complement(45178..45330)], ycf3 [complement(46082..46311)], ycf3 [complement(47026..47149)], trnL-UAA [49798..49834], trnL-UAA [50337..50389], trnV-UAC [complement(54310..54346)], trnV-UAC [complement(54924..54962)], rps12 [complement(74861..74974)], rps12 [145403..145634], rps12 [146208..146233], petB [78806..78811], petB [79587..80228], petD [80424..80431], petD [81234..81708], rpl16 [complement(85308..85706)], rpl16 [complement(86789..86797)], rpl2 [complement(88740..89173)], rpl2 [complement(89850..90240)], ndhB [complement(99567..100322)], ndhB [complement(101018..101794)], trnI-GAU [107447..107483], trnI-GAU [108471..108503], trnA-UGC [108570..108607], trnA-UGC [109414..109448], ndhA [complement(124189..124727)], ndhA [complement(125810..126362)], trnA-UGC [complement(139449..139483)], trnA-UGC [complement(140290..140327)], trnI-GAU [complement(140392..140426)], trnI-GAU [complement(141414..141450)], ndhB [147103..147879], ndhB [148575..149330]	trnK-UUU [complement(1859..4410)], rps16 [complement(5318..6172)], trnG-GCC [10171..10881], atpF [complement(13290..14016)], rpoC1 [complement(23847..24615)], ycf3 [complement(45331..46081)], ycf3 [complement(46312..47025)], trnL-UAA [49835..50336], trnV-UAC [complement(54347..54923)], petB [78812..79586], petD [80432..81233], rpl16 [complement(85707..86788)], rpl2 [complement(89174..89849)], ndhB [complement(100323..101017)], trnI-GAU [107484..108470], trnA-UGC [108608..109413], ndhA [complement(124728..125809)], trnA-UGC [complement(139484..140289)], trnI-GAU [complement(140427..141413)], ndhB [147880..148574]
3006.	PTKI	67	rps12 [complement(105416..105441)], rps12 [complement(105988..106219)], rps12 [complement(76192..76305)], trnK-UUU [complement(2292..2326)], trnK-UUU [complement(4845..4881)], rps16 [complement(5786..6012)], rps16 [complement(6894..6933)], atpF [complement(12794..13204)], atpF [complement(14024..14167)], rpoC1 [complement(22585..24210)], rpoC1 [complement(25000..25431)], ycf3 [complement(45968..46120)], ycf3 [complement(46881..47108)], ycf3 [complement(47877..48002)], trnL-UAA [51869..51905], trnL-UAA [52444..52493], trnV-UAC [complement(56596..56632)], trnV-UAC [complement(57220..57257)], rps12 [complement(76192..76305)], rps12 [148246..148477], rps12	trnK-UUU [complement(2327..4844)], rps16 [complement(6013..6893)], atpF [complement(13205..14023)], rpoC1 [complement(24211..24999)], ycf3 [complement(46121..46880)], ycf3 [complement(47109..47876)], trnL-UAA [51906..52443], trnV-UAC [complement(56633..57219)], clpP [complement(76737..77402)], clpP [complement(77695..78603)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[149024..149049], clpP [complement(76509..76736)], clpP [complement(77403..77694)], clpP [complement(78604..78674)], petB [81583..81588], petB [82413..83054], petD [83264..83271], petD [84041..84515], rpl16 [complement(88022..88423)], rpl16 [complement(89757..89765)], rpl2 [complement(91577..92011)], rpl2 [complement(92714..93106)], ndhB [complement(102356..103111)], ndhB [complement(103795..104571)], trnI-GAU [110083..110124], trnI-GAU [111082..111116], trnA-UGC [111180..111217], trnA-UGC [112012..112046], ndhA [complement(127556..128095)], ndhA [complement(129237..129788)], trnA-UGC [complement(142419..142453)], trnA-UGC [complement(143248..143285)], trnI-GAU [complement(143349..143383)], trnI-GAU [complement(144341..144382)], ndhB [149894..150670], ndhB [151354..152109]	[81589..82412], petD [83272..84040], rpl16 [complement(88424..89756)], rpl2 [complement(92012..92713)], ndhB [complement(103112..103794)], trnI-GAU [110125..111081], trnA-UGC [111218..112011], ndhA [complement(128096..129236)], trnA-UGC [complement(142454..143247)], trnI-GAU [complement(143384..144340)], ndhB [150671..151353]
3007.	PTNE	17	clpP [complement(70355..70585)], clpP [complement(71205..71496)], clpP [complement(72327..72397)], petB [75358..75363], petB [76112..76753], rpl16 [complement(81614..82012)], rpl16 [complement(82952..82960)], rpl2 [complement(84515..84949)], rpl2 [complement(85601..85990)], ndhB [complement(94257..95012)], ndhB [complement(95695..96471)]	clpP [complement(70586..71204)], clpP [complement(71497..72326)], petB [75364..76111], rpl16 [complement(82013..82951)], rpl2 [complement(84950..85600)], ndhB [complement(95013..95694)]
3008.	PTPS	73	rps12 [complement(101575..101600)], rps12 [complement(102137..102368)], rps12 [complement(73615..73728)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4303..4339)], rps16 [complement(5203..5428)], rps16 [complement(6285..6322)], trnG-GCC [10105..10127], trnG-GCC [10825..10872], atpF [complement(12880..13288)], atpF [complement(13999..14156)], rpoC1 [complement(21928..23554)], rpoC1 [complement(24282..24715)], ycf3 [complement(44729..44881)], ycf3 [complement(45635..45862)], ycf3 [complement(46579..46704)], trnL-UAA [49903..49939], trnL-UAA [50447..50496], trnV-UAC [complement(54502..54538)], trnV-UAC [complement(55141..55179)], rps12 [complement(73615..73728)], rps12 [144569..144800], rps12 [145337..145362], clpP [complement(73868..74096)], clpP [complement(74738..75028)], clpP [complement(75837..75904)], petB	trnK-UUU [complement(1798..4302)], rps16 [complement(5429..6284)], trnG-GCC [10128..10824], atpF [complement(13289..13998)], rpoC1 [complement(23555..24281)], ycf3 [complement(44882..45634)], ycf3 [complement(45863..46578)], trnL-UAA [49940..50446], trnV-UAC [complement(54539..55140)], clpP [complement(74097..74737)], clpP [complement(75029..75836)], petB [78835..79583], petD [80434..81156], rpl16 [complement(85538..86582)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78829..78834], petB [79584..80231], petD [80425..80433], petD [81157..81681], rpl16 [complement(85136..85537)], rpl16 [complement(86583..86591)], rpl2 [complement(88166..88600)], rpl2 [complement(89262..89654)], ndhB [complement(98517..99272)], ndhB [complement(99952..100728)], trnI-GAU [106312..106353], trnI-GAU [107295..107329], trnA-UGC [107394..107431], trnA-UGC [108239..108273], ndhA [complement(124032..124570)], ndhA [complement(125674..126226)], trnA-UGC [complement(138664..138698)], trnA-UGC [complement(139506..139543)], trnI-GAU [complement(139608..139642)], trnI-GAU [complement(140584..140625)], ndhB [146209..146985], ndhB [147665..148420], rpl2 [157283..157675], rpl2 [158337..158771]	[complement(88601..89261)], ndhB [complement(99273..99951)], trnI-GAU [106354..107294], trnA-UGC [107432..108238], ndhA [complement(124571..125673)], trnA-UGC [complement(138699..139505)], trnI-GAU [complement(139643..140583)], ndhB [146986..147664], rpl2 [157676..158336]
3009.	PTTA	73	rps12 [complement(101452..101477)], rps12 [complement(102015..102246)], rps12 [complement(73199..73312)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4463..4499)], rps16 [complement(5463..5692)], rps16 [complement(6633..6672)], trnG-UCC [9626..9648], trnG-UCC [10356..10403], atpF [complement(12533..12942)], atpF [complement(13697..13841)], rpoC1 [complement(22019..23629)], rpoC1 [complement(24456..24887)], ycf3 [complement(44812..44964)], ycf3 [complement(45727..45954)], ycf3 [complement(46728..46853)], trnL-UAA [50026..50060], trnL-UAA [50577..50626], trnV-UAC [complement(53869..53903)], trnV-UAC [complement(54526..54564)], rps12 [complement(73199..73312)], rps12 [143879..144110], rps12 [144648..144673], clpP [complement(73476..73703)], clpP [complement(74412..74703)], clpP [complement(75618..75688)], petB [78635..78640], petB [79380..80021], petD [80239..80246], petD [80932..81406], rpl16 [complement(84891..85289)], rpl16 [complement(86328..86336)], rpl2 [complement(88099..88532)], rpl2 [complement(89222..89612)], ndhB [complement(98391..99146)], ndhB [complement(99832..100608)], trnI-GAU [106064..106100], trnI-GAU [107045..107079], trnA-UGC [107144..107181], trnA-UGC [107969..108003], ndhA [complement(123452..123991)], ndhA [complement(125273..125824)], trnA-UGC [complement(138122..138156)], trnA-UGC	trnK-UUU [complement(1862..4462)], rps16 [complement(5693..6632)], trnG-UCC [9649..10355], atpF [complement(12943..13696)], rpoC1 [complement(23630..24455)], ycf3 [complement(44965..45726)], ycf3 [complement(45955..46727)], trnL-UAA [50061..50576], trnV-UAC [complement(53904..54525)], clpP [complement(73704..74411)], clpP [complement(74704..75617)], petB [78641..79379], petD [80247..80931], rpl16 [complement(85290..86327)], rpl2 [complement(88533..89221)], ndhB [complement(99147..99831)], trnI-GAU [106101..107044], trnA-UGC [107182..107968], ndhA [complement(123992..125272)], trnA-UGC [complement(138157..138943)], trnI-GAU [complement(139081..140024)], ndhB [146294..146978], rpl2 [156904..157592]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(138944..138981)], trnI-GAU [complement(139046..139080)], trnI-GAU [complement(140025..140061)], ndhB [145517..146293], ndhB [146979..147734], rpl2 [156513..156903], rpl2 [157593..158026]	
3010.	PUCH	72	rps12 [complement(99776..99801)], rps12 [complement(100343..100574)], rps12 [complement(71730..71843)], rps16 [1419..1458], rps16 [2342..2535], trnK-UUU [3373..3409], trnK-UUU [6004..6038], ycf3 [10133..10256], ycf3 [10982..11221], ycf3 [11974..12128], atpF [43222..43345], atpF [44151..44557], trnG-UCC [complement(46529..46576)], trnG-UCC [complement(47280..47302)], trnL-UAA [49068..49102], trnL-UAA [49605..49654], trnV-UAC [complement(53347..53381)], trnV-UAC [complement(53971..54008)], rps12 [143402..143633], rps12 [144175..144200], clpP [complement(71994..72239)], clpP [complement(72995..73283)], clpP [complement(74075..74145)], petB [76955..77038], petB [77915..78556], petD [78651..78766], petD [79511..80006], rpl16 [complement(83353..83751)], rpl16 [complement(84742..84750)], rpl2 [complement(86510..86943)], rpl2 [complement(87607..87910)], ndhB [complement(96693..97448)], ndhB [complement(98155..98931)], trnI-GAU [104568..104609], trnI-GAU [105553..105587], trnA-UGC [105652..105689], trnA-UGC [106505..106539], ndhA [119095..119647], ndhA [120520..121058], trnA-UGC [complement(137437..137471)], trnA-UGC [complement(138287..138324)], trnI-GAU [complement(138389..138423)], trnI-GAU [complement(139367..139408)], ndhB [145045..145821], ndhB [146528..147283], rpl2 [156066..156369], rpl2 [157033..157466], rpl16 [159226..159234], rpl16 [160225..160623]	rps16 [1459..2341], trnK-UUU [3410..6003], ycf3 [10257..10981], ycf3 [11222..11973], atpF [43346..44150], trnG-UCC [complement(46577..47279)], trnL-UAA [49103..49604], trnV-UAC [complement(53382..53970)], clpP [complement(72240..72994)], clpP [complement(73284..74074)], petB [77039..77914], petD [78767..79510], rpl16 [complement(83752..84741)], rpl2 [complement(86944..87606)], ndhB [complement(97449..98154)], trnI-GAU [104610..105552], trnA-UGC [105690..106504], ndhA [119648..120519], trnA-UGC [complement(137472..138286)], trnI-GAU [complement(138424..139366)], ndhB [145822..146527], rpl2 [156370..157032], rpl16 [159235..160224]
3011.	PUCO	72	rps12 [complement(97937..97962)], rps12 [complement(98500..98731)], rps12 [complement(69520..69633)], trnK [complement(1682..1716)], trnK [complement(4281..4317)], rps16 [complement(5050..5258)], rps16 [complement(6142..6181)], trnG [8545..8567], trnG [9292..9340], atpF [complement(11446..11855)], atpF [complement(12583..12727)], rpoC1 [complement(20149..21759)], rpoC1 [complement(22546..22977)], ycf3 [complement(42517..42669)], ycf3 [complement(43461..43688)], ycf3	trnK [complement(1717..4280)], rps16 [complement(5259..6141)], trnG [8568..9291], atpF [complement(11856..12582)], rpoC1 [complement(21760..22545)], ycf3 [complement(42670..43460)], ycf3 [complement(43689..44406)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44407..44532)], trnL [46998..47032], trnL [47354..47403], trnV [complement(50979..51013)], trnV [complement(51622..51660)], rps12 [140366..140597], rps12 [141135..141160], clpP [complement(69805..70032)], clpP [complement(70608..70899)], clpP [complement(71703..71773)], petB [74725..74730], petB [75526..76167], petD [76360..76367], petD [77093..77567], rpl16 [complement(81065..81463)], rpl16 [complement(82576..82584)], rpl2 [complement(84272..84706)], rpl2 [complement(85389..85778)], ndhB [complement(94879..95640)], ndhB [complement(96326..97102)], trnI [102661..102697], trnI [103646..103680], trnA [103745..103782], trnA [104583..104617], ndhA [complement(120196..120725)], ndhA [complement(121815..122367)], trnA [complement(134480..134514)], trnA [complement(135315..135352)], trnI [complement(135417..135451)], trnI [complement(136400..136436)], ndhB [141995..142771], ndhB [143457..144218], rpl2 [153319..153708], rpl2 [154391..154825]	[47033..47353], trnV [complement(51014..51621)], clpP [complement(70033..70607)], clpP [complement(70900..71702)], petB [74731..75525], petD [76368..77092], rpl16 [complement(81464..82575)], rpl2 [complement(84707..85388)], ndhB [complement(95641..96325)], trnI [102698..103645], trnA [103783..104582], ndhA [complement(120726..121814)], trnA [complement(134515..135314)], trnI [complement(135452..136399)], ndhB [142772..143456], rpl2 [153709..154390]
3012.	PUDO	72	rps12 [complement(97930..97955)], rps12 [complement(98493..98724)], rps12 [complement(69517..69630)], trnK [complement(1682..1716)], trnK [complement(4281..4317)], rps16 [complement(5050..5258)], rps16 [complement(6142..6181)], trnG [8545..8567], trnG [9292..9340], atpF [complement(11450..11859)], atpF [complement(12587..12731)], rpoC1 [complement(20153..21763)], rpoC1 [complement(22550..22981)], ycf3 [complement(42521..42673)], ycf3 [complement(43465..43692)], ycf3 [complement(44411..44536)], trnL [47002..47036], trnL [47358..47407], trnV [complement(50984..51018)], trnV [complement(51627..51665)], rps12 [140376..140607], rps12 [141145..141170], clpP [complement(69802..70029)], clpP [complement(70605..70896)], clpP [complement(71701..71771)], petB [74724..74729], petB [75520..76161], petD [76354..76361], petD [77086..77560], rpl16 [complement(81058..81456)], rpl16 [complement(82569..82577)], rpl2 [complement(84265..84699)], rpl2 [complement(85382..85771)], ndhB [complement(94872..95633)], ndhB [complement(96319..97095)], trnI [102654..102690], trnI [103639..103673], trnA [103738..103775], trnA [104576..104610], ndhA	trnK [complement(1717..4280)], rps16 [complement(5259..6141)], trnG [8568..9291], atpF [complement(11860..12586)], rpoC1 [complement(21764..22549)], ycf3 [complement(42674..43464)], ycf3 [complement(43693..44410)], trnL [47037..47357], trnV [complement(51019..51626)], clpP [complement(70030..70604)], clpP [complement(70897..71700)], petB [74730..75519], petD [76362..77085], rpl16 [complement(81457..82568)], rpl2 [complement(84700..85381)], ndhB [complement(95634..96318)], trnI [102691..103638], trnA [103776..104575], ndhA [complement(120735..121823)], trnA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(120205..120734)], ndhA [complement(121824..122376)], trnA [complement(134490..134524)], trnA [complement(135325..135362)], trnI [complement(135427..135461)], trnI [complement(136410..136446)], ndhB [142005..142781], ndhB [143467..144228], rpl2 [153329..153718], rpl2 [154401..154835]	[complement(134525..135324)], trnI [complement(135462..136409)], ndhB [142782..143466], rpl2 [153719..154400]
3013.	PUGR	67	rps12 [complement(101814..101839)], rps12 [complement(102386..102617)], rps12 [complement(74514..74627)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4258..4294)], rps16 [complement(5146..5372)], rps16 [complement(6228..6267)], trnG-UCC [9602..9624], trnG-UCC [10363..10410], atpF [complement(12575..12984)], atpF [complement(13744..13888)], rpoC1 [complement(21917..23524)], rpoC1 [complement(24274..24705)], ycf3 [complement(45302..45454)], ycf3 [complement(46182..46411)], ycf3 [complement(47177..47300)], trnL-UAA [50392..50426], trnL-UAA [50944..50993], trnV-UAC [complement(55165..55199)], trnV-UAC [complement(55803..55840)], rps12 [complement(74514..74627)], rps12 [145034..145265], rps12 [145812..145837], clpP [complement(74784..75011)], clpP [complement(75619..75910)], clpP [complement(76720..76790)], petB [79608..79613], petB [80393..81034], petD [81229..81236], petD [82003..82477], rpl16 [complement(86032..86430)], rpl16 [complement(87425..87433)], ndhB [complement(98758..99513)], ndhB [complement(100197..100973)], trnI-GAU [106584..106620], trnI-GAU [107570..107604], trnA-UGC [107669..107706], trnA-UGC [108510..108544], ndhA [complement(124704..125242)], ndhA [complement(126292..126844)], trnA-UGC [complement(139107..139141)], trnA-UGC [complement(139945..139982)], trnI-GAU [complement(140047..140081)], trnI-GAU [complement(141031..141067)], ndhB [146678..147454], ndhB [148138..148893]	trnK-UUU [complement(1769..4257)], rps16 [complement(5373..6227)], trnG-UCC [9625..10362], atpF [complement(12985..13743)], rpoC1 [complement(23525..24273)], ycf3 [complement(45455..46181)], ycf3 [complement(46412..47176)], trnL-UAA [50427..50943], trnV-UAC [complement(55200..55802)], clpP [complement(75012..75618)], clpP [complement(75911..76719)], petB [79614..80392], petD [81237..82002], rpl16 [complement(86431..87424)], ndhB [complement(99514..100196)], trnI-GAU [106621..107569], trnA-UGC [107707..108509], ndhA [complement(125243..126291)], trnA-UGC [complement(139142..139944)], trnI-GAU [complement(140082..141030)], ndhB [147455..148137]
3014.	PUNU	64	rps12 [complement(88386..88414)], rps12 [complement(88955..89186)], rps12 [complement(66505..66618)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3926..3962)], rps16 [complement(4543..4739)], rps16 [complement(5564..5603)], trnG-UCC [complement(12865..12912)], trnG-	trnK-UUU [complement(1415..3925)], rps16 [complement(4740..5563)], trnG-UCC [complement(12913..13588)], atpF [32406..33214], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13589..13611)], atpF [32261..32405], atpF [33215..33621], ycf3 [complement(41420..41580)], ycf3 [complement(42309..42534)], ycf3 [complement(43302..43427)], trnL-UAA [46074..46108], trnL-UAA [46646..46695], trnV-UAC [complement(50180..50216)], trnV-UAC [complement(50819..50857)], rps12 [125762..125993], rps12 [126534..126562], petB [70413..70418], petB [71186..71827], petD [72020..72027], petD [72771..73245], rpl16 [complement(76874..77275)], rpl16 [complement(78177..78185)], rpl2 [complement(80181..80611)], rpl2 [complement(81275..81665)], ndhB [complement(85318..86073)], ndhB [complement(86786..87562)], trnI-GAU [92968..93004], trnI-GAU [93811..93845], trnA-UGC [93911..93948], trnA-UGC [94760..94794], ndhA [complement(110706..111244)], ndhA [complement(112275..112824)], trnA-UGC [complement(120154..120188)], trnA-UGC [complement(121000..121037)], trnI-GAU [complement(121103..121137)], trnI-GAU [complement(121944..121980)], ndhB [127386..128162], ndhB [128875..129630], rpl2 [133283..133673], rpl2 [134337..134767]	[complement(41581..42308)], ycf3 [complement(42535..43301)], trnL-UAA [46109..46645], trnV-UAC [complement(50217..50818)], petB [70419..71185], petD [72028..72770], rpl16 [complement(77276..78176)], rpl2 [complement(80612..81274)], ndhB [complement(86074..86785)], trnI-GAU [93005..93810], trnA-UGC [93949..94759], ndhA [complement(111245..112274)], trnA-UGC [complement(120189..120999)], trnI-GAU [complement(121138..121943)], ndhB [128163..128874], rpl2 [133674..134336]
3015.	PUOL	52	rps12 [complement(91787..91815)], rps12 [complement(92356..92587)], rps12 [complement(68795..68908)], trnK [complement(1383..1415)], trnK [complement(3936..3972)], trnG [complement(13472..13519)], trnG [complement(14194..14216)], atpF [33336..33480], atpF [34315..34721], ycf3 [complement(42503..42661)], ycf3 [complement(43390..43617)], ycf3 [complement(44360..44491)], trnL [47253..47287], trnL [47831..47879], trnV [complement(51464..51500)], trnV [complement(52107..52145)], rps12 [129776..130007], rps12 [130548..130576], rpl2 [complement(82597..83027)], rpl2 [complement(83691..84081)], trnI [96434..96475], trnI [97421..97455], trnA [97520..97558], trnA [98376..98409], ndhA [complement(114482..114847)], ndhA [complement(116040..116588)], trnA [complement(123954..123987)], trnA [complement(124804..124843)], trnI [complement(124908..124942)], trnI [complement(125888..125929)], rpl2 [138282..138672], rpl2 [139336..139766]	trnK [complement(1416..3935)], rps16 [complement(4752..5577)], trnG [complement(13520..14193)], atpF [33481..34314], ycf3 [complement(42662..43389)], ycf3 [complement(43618..44359)], trnL [47288..47830], trnV [complement(51501..52106)], petB [73434..73484], petD [74318..75066], rpl16 [complement(79518..80593)], rpl2 [complement(83028..83690)], ndhB [complement(89470..90181)], trnI [96476..97420], trnA [97559..98375], ndhA [complement(114848..116039)], trnA [complement(123988..124803)], trnI [complement(124943..125887)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[132182..132893], rpl2 [138673..139335]
3016.	PYDI	73	rps12 [complement(100194..100219)], rps12 [complement(100756..100987)], rps12 [complement(72261..72374)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4263..4299)], rps16 [complement(5065..5289)], rps16 [complement(6150..6188)], trnG [9830..9852], trnG [10548..10595], atpF [complement(12616..13023)], atpF [complement(13736..13894)], rpoC1 [complement(21835..23460)], rpoC1 [complement(24193..24627)], ycf3 [complement(44474..44626)], ycf3 [complement(45364..45591)], ycf3 [complement(46313..46438)], trnL-UAA [49693..49729], trnL-UAA [50253..50302], trnV-UAC [complement(53447..53483)], trnV-UAC [complement(54071..54109)], rps12 [complement(72261..72374)], rps12 [142797..143028], rps12 [143565..143590], clpP [complement(72524..72808)], clpP [complement(73351..73641)], clpP [complement(74442..74510)], petB [77418..77423], petB [78186..78842], petD [79031..79039], petD [79736..80260], rpl16 [complement(83735..84136)], rpl16 [complement(85152..85160)], rpl2 [complement(86789..87223)], rpl2 [complement(87883..88275)], ndhB [complement(97136..97891)], ndhB [complement(98571..99347)], trnI-GAU [104918..104959], trnI-GAU [105913..105947], trnA-UGC [106012..106049], trnA-UGC [106862..106896], ndhA [complement(122327..122866)], ndhA [complement(123970..124521)], trnA-UGC [complement(136888..136922)], trnA-UGC [complement(137735..137772)], trnI-GAU [complement(137837..137871)], trnI-GAU [complement(138825..138866)], ndhB [144437..145213], ndhB [145893..146648], rpl2 [155509..155898], rpl2 [156561..156995]	trnK-UUU [complement(1776..4262)], rps16 [complement(5290..6149)], trnG [9853..10547], atpF [complement(13024..13735)], rpoC1 [complement(23461..24192)], ycf3 [complement(44627..45363)], ycf3 [complement(45592..46312)], trnL-UAA [49730..50252], trnV-UAC [complement(53484..54070)], clpP [complement(72809..73350)], clpP [complement(73642..74441)], petB [77424..78185], petD [79040..79735], rpl16 [complement(84137..85151)], rpl2 [complement(87224..87882)], ndhB [complement(97892..98570)], trnI-GAU [104960..105912], trnA-UGC [106050..106861], ndhA [complement(122867..123969)], trnA-UGC [complement(136923..137734)], trnI-GAU [complement(137872..138824)], ndhB [145214..145892], rpl2 [155899..156560]
3017.	PYFO	70	rps12 [complement(102182..102207)], rps12 [complement(102756..102987)], rps12 [complement(73679..73792)], trnK-UUU [complement(1755..1789)], trnK-UUU [complement(4287..4323)], rps16 [complement(5308..5528)], rps16 [complement(6392..6431)], trnG-UCC [9119..9141], trnG-UCC [9840..9887], atpF [complement(12469..12879)], atpF [complement(13617..13760)], rpoC1 [complement(21893..23503)], rpoC1 [complement(24245..24679)], ycf3 [complement(45731..45883)], ycf3 [complement(46628..46855)], ycf3 [complement(47564..47689)], trnL-UAA [50903..50939], trnL-UAA	trnK-UUU [complement(1790..4286)], rps16 [complement(5529..6391)], trnG-UCC [9142..9839], atpF [complement(12880..13616)], rpoC1 [complement(23504..24244)], ycf3 [complement(45884..46627)], ycf3 [complement(46856..47563)], trnL-UAA [50940..51453], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51454..51503], trnV-UAC [complement(55090..55126)], trnV-UAC [complement(55719..55756)], clpP [complement(73957..74184)], clpP [complement(74808..75099)], clpP [complement(75921..75991)], petB [78929..78934], petB [79732..80373], petD [80565..80571], petD [81296..81771], rpl16 [complement(85358..85756)], rpl16 [complement(86743..86751)], rpl2 [complement(88524..88958)], rpl2 [complement(89647..90036)], ndhB [complement(99139..99894)], ndhB [complement(100564..101340)], trnI-GAU [106787..106827], trnI-GAU [107771..107806], trnA-UGC [107871..107907], trnA-UGC [108715..108750], ndhA [complement(125133..125672)], ndhA [complement(126810..127361)], trnA-UGC [complement(139849..139884)], trnA-UGC [complement(140692..140728)], tRNI-GAU [complement(140793..140828)], tRNI-GAU [complement(141772..141812)], ndhB [147259..148035], ndhB [148705..149460], rpl2 [158563..158952], rpl2 [159641..160075]	[complement(55127..55718)], clpP [complement(74185..74807)], clpP [complement(75100..75920)], petB [78935..79731], petD [80572..81295], rpl16 [complement(85757..86742)], rpl2 [complement(88959..89646)], ndhB [complement(99895..100563)], trnI-GAU [106828..107770], trnA-UGC [107908..108714], ndhA [complement(125673..126809)], trnA-UGC [complement(139885..140691)], tRNI-GAU [complement(140829..141771)], ndhB [148036..148704], rpl2 [158953..159640]
3018.	PYKH	73	rps12 [complement(100107..100132)], rps12 [complement(100669..100900)], rps12 [complement(72184..72297)], trnK-UUU [complement(1739..1773)], trnK-UUU [complement(4262..4298)], rps16 [complement(5051..5275)], rps16 [complement(6126..6164)], trnG [9784..9806], trnG [10502..10549], atpF [complement(12568..12975)], atpF [complement(13688..13846)], rpoC1 [complement(21788..23413)], rpoC1 [complement(24146..24580)], ycf3 [complement(44417..44569)], ycf3 [complement(45307..45534)], ycf3 [complement(46255..46380)], trnL-UAA [49632..49668], trnL-UAA [50185..50234], trnV-UAC [complement(53379..53415)], trnV-UAC [complement(54003..54041)], rps12 [complement(72184..72297)], rps12 [142770..143001], rps12 [143538..143563], clpP [complement(72447..72731)], clpP [complement(73274..73564)], clpP [complement(74365..74433)], petB [77341..77346], petB [78109..78765], petD [78954..78962], petD [79659..80183], rpl16 [complement(83658..84059)], rpl16 [complement(85075..85083)], rpl2 [complement(86712..87146)], rpl2 [complement(87806..88198)], ndhB [complement(97049..97804)], ndhB [complement(98484..99260)], trnI-GAU [104825..104866], trnI-GAU [105820..105854], trnA-UGC [105919..105956], trnA-UGC [106769..106803],	trnK-UUU [complement(1774..4261)], rps16 [complement(5276..6125)], trnG [9807..10501], atpF [complement(12976..13687)], rpoC1 [complement(23414..24145)], ycf3 [complement(44570..45306)], ycf3 [complement(45535..46254)], trnL-UAA [49669..50184], trnV-UAC [complement(53416..54002)], clpP [complement(72732..73273)], clpP [complement(73565..74364)], petB [77347..78108], petD [78963..79658], rpl16 [complement(84060..85074)], rpl2 [complement(87147..87805)], ndhB [complement(97805..98483)], trnI-GAU [104867..105819], trnA-UGC [105957..106768], ndhA [complement(122843..123945)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(122303..122842)], ndhA [complement(123946..124497)], trnA-UGC [complement(136867..136901)], trnA-UGC [complement(137714..137751)], trnI-GAU [complement(137816..137850)], trnI-GAU [complement(138804..138845)], ndhB [144410..145186], ndhB [145866..146621], rpl2 [155472..155861], rpl2 [156524..156958]	[complement(136902..137713)], trnI-GAU [complement(137851..138803)], ndhB [145187..145865], rpl2 [155862..156523]
3019.	PYME	73	rps12 [complement(100127..100152)], rps12 [complement(100689..100920)], rps12 [complement(72215..72328)], trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4262..4298)], rps16 [complement(5066..5290)], rps16 [complement(6144..6182)], trnG [9800..9822], trnG [10518..10565], atpF [complement(12584..12991)], atpF [complement(13704..13862)], rpoC1 [complement(21804..23429)], rpoC1 [complement(24162..24596)], ycf3 [complement(44431..44583)], ycf3 [complement(45321..45548)], ycf3 [complement(46270..46395)], trnL-UAA [49645..49681], trnL-UAA [50205..50254], trnV-UAC [complement(53400..53436)], trnV-UAC [complement(54024..54062)], rps12 [complement(72215..72328)], rps12 [142823..143054], rps12 [143591..143616], clpP [complement(72478..72762)], clpP [complement(73305..73595)], clpP [complement(74396..74464)], petB [77372..77377], petB [78140..78796], petD [78985..78993], petD [79690..80214], rpl16 [complement(83689..84090)], rpl16 [complement(85091..85099)], rpl2 [complement(86728..87162)], rpl2 [complement(87822..88214)], ndhB [complement(97069..97824)], ndhB [complement(98504..99280)], trnI-GAU [104850..104891], trnI-GAU [105845..105879], trnA-UGC [105944..105981], trnA-UGC [106794..106828], ndhA [complement(122343..122882)], ndhA [complement(123986..124537)], trnA-UGC [complement(136915..136949)], trnA-UGC [complement(137762..137799)], trnI-GAU [complement(137864..137898)], trnI-GAU [complement(138852..138893)], ndhB [144463..145239], ndhB [145919..146674], rpl2 [155529..155918], rpl2 [156581..157015]	trnK-UUU [complement(1775..4261)], rps16 [complement(5291..6143)], trnG [9823..10517], atpF [complement(12992..13703)], rpoC1 [complement(23430..24161)], ycf3 [complement(44584..45320)], ycf3 [complement(45549..46269)], trnL-UAA [49682..50204], trnV-UAC [complement(53437..54023)], clpP [complement(72763..73304)], clpP [complement(73596..74395)], petB [77378..78139], petD [78994..79689], rpl16 [complement(84091..85090)], rpl2 [complement(87163..87821)], ndhB [complement(97825..98503)], trnI-GAU [104892..105844], trnA-UGC [105982..106793], ndhA [complement(122883..123985)], trnA-UGC [complement(136950..137761)], trnI-GAU [complement(137899..138851)], ndhB [145240..145918], rpl2 [155919..156580]
3020.	PYMI	72	rps12 [complement(99915..99940)], rps12 [complement(100477..100708)], rps12 [complement(71988..72101)], trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4263..4299)], rps16 [complement(5072..5296)], rps16 [complement(6162..6200)], trnG [9820..9842], trnG [10538..10585], atpF	trnK-UUU [complement(1775..4262)], rps16 [complement(5297..6161)], trnG [9843..10537], atpF [complement(13013..13716)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(12605..13012)], atpF [complement(13717..13875)], rpoC1 [complement(21810..23435)], rpoC1 [complement(24168..24602)], ycf3 [complement(44214..44366)], ycf3 [complement(45105..45332)], ycf3 [complement(46053..46178)], trnL-UAA [49410..49446], trnL-UAA [49971..50020], trnV-UAC [complement(53169..53205)], trnV-UAC [complement(53792..53830)], rps12 [142570..142801], rps12 [143338..143363], clpP [complement(72251..72535)], clpP [complement(73077..73367)], clpP [complement(74168..74236)], petB [77144..77149], petB [77912..78568], petD [78757..78765], petD [79469..79993], rpl16 [complement(83467..83868)], rpl16 [complement(84884..84892)], rpl2 [complement(86520..86954)], rpl2 [complement(87622..88014)], ndhB [complement(96857..97612)], ndhB [complement(98292..99068)], trnI-GAU [104638..104679], trnI-GAU [105633..105667], trnA-UGC [105732..105769], trnA-UGC [106582..106616], ndhA [complement(122131..122670)], ndhA [complement(123760..124311)], trnA-UGC [complement(136662..136696)], trnA-UGC [complement(137509..137546)], trnI-GAU [complement(137611..137645)], trnI-GAU [complement(138599..138640)], ndhB [144210..144986], ndhB [145666..146421], rpl2 [155264..155653], rpl2 [156324..156758]	[complement(23436..24167)], ycf3 [complement(44367..45104)], ycf3 [complement(45333..46052)], trnL-UAA [49447..49970], trnV-UAC [complement(53206..53791)], clpP [complement(72536..73076)], clpP [complement(73368..74167)], petB [77150..77911], petD [78766..79468], rpl16 [complement(83869..84883)], rpl2 [complement(86955..87621)], ndhB [complement(97613..98291)], trnI-GAU [104680..105632], trnA-UGC [105770..106581], ndhA [complement(122671..123759)], trnA-UGC [complement(136697..137508)], trnI-GAU [complement(137646..138598)], ndhB [144987..145665], rpl2 [155654..156323]
3021.	PYOB	73	rps12 [complement(99997..100022)], rps12 [complement(100559..100790)], rps12 [complement(72059..72172)], trnK-UUU [complement(1737..1771)], trnK-UUU [complement(4265..4301)], rps16 [complement(5073..5297)], rps16 [complement(6163..6201)], trnG [9821..9843], trnG [10539..10586], atpF [complement(12605..13012)], atpF [complement(13718..13876)], rpoC1 [complement(21804..23429)], rpoC1 [complement(24162..24596)], ycf3 [complement(44273..44425)], ycf3 [complement(45163..45390)], ycf3 [complement(46110..46235)], trnL-UAA [49483..49519], trnL-UAA [50044..50093], trnV-UAC [complement(53246..53282)], trnV-UAC [complement(53868..53906)], rps12 [complement(72059..72172)], rps12 [142420..142651], rps12 [143188..143213], clpP [complement(72322..72606)], clpP [complement(73149..73439)], clpP [complement(74240..74308)], petB [77216..77221], petB [77984..78640], petD [78829..78837], petD	trnK-UUU [complement(1772..4264)], rps16 [complement(5298..6162)], trnG [9844..10538], atpF [complement(13013..13717)], rpoC1 [complement(23430..24161)], ycf3 [complement(44426..45162)], ycf3 [complement(45391..46109)], trnL-UAA [49520..50043], trnV-UAC [complement(53283..53867)], clpP [complement(72607..73148)], clpP [complement(73440..74239)], petB [77222..77983], petD [78838..79540], rpl16 [complement(83933..84947)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79541..80065], rpl16 [complement(83531..83932)], rpl16 [complement(84948..84956)], rpl2 [complement(86584..87018)], rpl2 [complement(87686..88078)], ndhB [complement(96939..97694)], ndhB [complement(98374..99150)], trnI-GAU [104720..104761], trnI-GAU [105715..105749], trnA-UGC [105814..105851], trnA-UGC [106664..106698], ndhA [complement(122190..122729)], ndhA [complement(123617..124168)], trnA-UGC [complement(136512..136546)], trnA-UGC [complement(137359..137396)], trnI-GAU [complement(137461..137495)], trnI-GAU [complement(138449..138490)], ndhB [144060..144836], ndhB [145516..146271], rpl2 [155132..155521], rpl2 [156192..156626]	[complement(87019..87685)], ndhB [complement(97695..98373)], trnI-GAU [104762..105714], trnA-UGC [105852..106663], ndhA [complement(122730..123616)], trnA-UGC [complement(136547..137358)], trnI-GAU [complement(137496..138448)], ndhB [144837..145515], rpl2 [155522..156191]
3022.	PYPA	42	rps12 [complement(73442..73555)], trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4255..4291)], trnG-UCC [9174..9196], trnG-UCC [9896..9943], trnL-UAA [50715..50751], trnL-UAA [51266..51315], trnV-UAC [complement(54887..54923)], trnV-UAC [complement(55516..55553)], rps12 [complement(73442..73555)], rps12 [146262..146287], trnI-GAU [106594..106636], trnI-GAU [107580..107613], trnA-UGC [107678..107716], trnA-UGC [108524..108557], trnA-UGC [complement(139726..139759)], trnA-UGC [complement(140567..140605)], trnI-GAU [complement(140670..140703)], trnI-GAU [complement(141647..141689)]	trnK-UUU [complement(1765..4254)], rps16 [complement(5496..6379)], trnG-UCC [9197..9895], atpF [complement(13018..13747)], rpoC1 [complement(23640..24377)], ycf3 [complement(45588..46330)], ycf3 [complement(46559..47265)], trnL-UAA [50752..51265], trnV-UAC [complement(54924..55515)], clpP [complement(73973..74606)], clpP [complement(74896..75724)], petB [78739..79536], petD [80375..81098], rpl16 [complement(85540..86539)], rpl2 [complement(88756..89441)], ndhB [complement(99710..100378)], trnI-GAU [106637..107579], trnA-UGC [107717..108523], ndhA [complement(125530..126679)], trnA-UGC [complement(139760..140566)], trnI-GAU [complement(140704..141646)], ndhB [147905..148573], rpl2 [158842..159527]
3023.	PYPI	73	rps12 [complement(99986..100011)], rps12 [complement(100548..100779)],	trnK-UUU [complement(1776..4263)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(72060..72173)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4264..4300)], rps16 [complement(5073..5297)], rps16 [complement(6163..6201)], trnG [9821..9843], trnG [10539..10586], atpF [complement(12604..13011)], atpF [complement(13716..13874)], rpoC1 [complement(21809..23434)], rpoC1 [complement(24167..24601)], ycf3 [complement(44272..44424)], ycf3 [complement(45163..45390)], ycf3 [complement(46110..46235)], trnL-UAA [49482..49518], trnL-UAA [50042..50091], trnV-UAC [complement(53244..53280)], trnV-UAC [complement(53867..53905)], rps12 [complement(72060..72173)], rps12 [142632..142863], rps12 [143400..143425], clpP [complement(72323..72607)], clpP [complement(73148..73438)], clpP [complement(74239..74307)], petB [77215..77220], petB [77983..78639], petD [78828..78836], petD [79540..80064], rpl16 [complement(83538..83939)], rpl16 [complement(84955..84963)], rpl2 [complement(86591..87025)], rpl2 [complement(87693..88085)], ndhB [complement(96928..97683)], ndhB [complement(98363..99139)], trnI-GAU [104709..104750], trnI-GAU [105704..105738], trnA-UGC [105803..105840], trnA-UGC [106653..106687], ndhA [complement(122198..122737)], ndhA [complement(123828..124379)], trnA-UGC [complement(136724..136758)], trnA-UGC [complement(137571..137608)], trnI-GAU [complement(137673..137707)], trnI-GAU [complement(138661..138702)], ndhB [144272..145048], ndhB [145728..146483], rpl2 [155326..155715], rpl2 [156386..156820]</p>	<p>[complement(5298..6162)], trnG [9844..10538], atpF [complement(13012..13715)], rpoC1 [complement(23435..24166)], ycf3 [complement(44425..45162)], ycf3 [complement(45391..46109)], trnL-UAA [49519..50041], trnV-UAC [complement(53281..53866)], clpP [complement(72608..73147)], clpP [complement(73439..74238)], petB [77221..77982], petD [78837..79539], rpl16 [complement(83940..84954)], rpl2 [complement(87026..87692)], ndhB [complement(97684..98362)], trnI-GAU [104751..105703], trnA-UGC [105841..106652], ndhA [complement(122738..123827)], trnA-UGC [complement(136759..137570)], trnI-GAU [complement(137708..138660)], ndhB [145049..145727], rpl2 [155716..156385]</p>
3024.	PYPY	46	<p>rps12 [complement(101675..101700)], rps12 [complement(102242..102473)], rps12 [complement(73115..73228)], trnK-UUU [complement(1671..1705)], trnK-UUU [complement(4196..4232)], trnL-UAA [50657..50693], trnL-UAA [51208..51257], trnV-UAC [complement(54795..54831)], trnV-UAC [complement(55424..55461)], rps12 [complement(73115..73228)], rps12 [145150..145380], rps12 [145922..145951], clpP [complement(74278..74566)], clpP [complement(75401..75471)], trnI-GAU [106273..106313], trnI-GAU [107257..107292], trnA [107357..107393], trnA [108201..108236], ndhA [complement(124649..125188)], ndhA [complement(126344..126895)], trnA-UGC [complement(139390..139423)], trnA-UGC</p>	<p>trnK-UUU [complement(1706..4195)], rps16 [complement(5419..6323)], atpF [complement(12969..13700)], rpoC1 [complement(23593..24327)], ycf3 [complement(45577..46322)], ycf3 [complement(46551..47257)], trnL-UAA [50694..51207], trnV-UAC [complement(54832..55423)], clpP [complement(73645..74277)], clpP [complement(74567..75400)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(140231..140269)], tRNI-GAU [complement(140334..140367)], tRNI-GAU [complement(141311..141353)]	[78414..79211], petD [80052..80775], rpl16 [complement(85213..86211)], rpl2 [complement(88427..89112)], ndhB [complement(99387..100055)], trnI-GAU [106314..107256], trnA [107394..108200], ndhA [complement(125189..126343)], trnA-UGC [complement(139424..140230)], tRNI-GAU [complement(140368..141310)], ndhB [147569..148237], rpl2 [158512..159197]
3025.	PYUS	8	rps12 [complement(73457..73570)], rps12 [146266..146291], ndhA [complement(125011..125550)], ndhA [complement(126679..127230)]	trnL-UAA [50717..51230], trnV-UAC [complement(54935..55528)], trnI-GAU [106661..107603], ndhA [complement(125551..126678)]
3026.	QUAC	73	rps12 [complement(103771..103800)], rps12 [complement(104338..104568)], rps12 [complement(75611..75724)], trnK-UUU [complement(1860..1894)], trnK-UUU [complement(4400..4436)], rps16 [complement(5527..5721)], rps16 [complement(6626..6667)], trnG-GCC [10599..10621], trnG-GCC [11356..11392], atpF [complement(13596..14006)], atpF [complement(14787..14930)], rpoC1 [complement(23086..24711)], rpoC1 [complement(25539..25970)], ycf3 [complement(47347..47499)], ycf3 [complement(48278..48505)], ycf3 [complement(49227..49352)], trnL-UAA [52540..52574], trnL-UAA [53058..53107], trnV-UAC [complement(56607..56641)], trnV-UAC [complement(57272..57309)], rps12 [complement(75611..75724)], rps12 [146983..147214], rps12 [147751..147776], clpP [complement(75888..76115)], clpP [complement(76766..77059)], clpP [complement(77904..77972)], petB [80916..80921], petB [81763..82404], petD [82613..82621], petD [83262..83735], rpl16 [complement(87249..87647)], rpl16 [complement(88750..88758)], rpl2 [complement(90486..90956)], rpl2 [complement(91585..91974)], ndhB [complement(100718..101473)], ndhB [complement(102154..102930)], trnI-GAU [108369..108405], trnI-GAU [109361..109395], trnA-UGC [109460..109497], trnA-UGC [110298..110332],	trnK-UUU [complement(1895..4399)], rps16 [complement(5722..6625)], trnG-GCC [10622..11355], atpF [complement(14007..14786)], rpoC1 [complement(24712..25538)], ycf3 [complement(47500..48277)], ycf3 [complement(48506..49226)], trnL-UAA [52575..53057], trnV-UAC [complement(56642..57271)], clpP [complement(76116..76765)], clpP [complement(77060..77903)], petB [80922..81762], petD [82622..83261], rpl16 [complement(87648..88749)], rpl2 [complement(90957..91584)], ndhB [complement(101474..102153)], trnI-GAU [108406..109360], trnA-UGC [109498..110297], ndhA [complement(127093..128130)], trnA-UGC [complement(141254..142053)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(126553..127092)], ndhA [complement(128131..128682)], trnA-UGC [complement(141219..141253)], trnA-UGC [complement(142054..142091)], trnI-GAU [complement(142156..142190)], trnI-GAU [complement(143141..143182)], ndhB [148621..149397], ndhB [150078..150833], rpl2 [159577..159969], rpl2 [160595..161065]	[complement(142191..143140)], ndhB [149398..150077], rpl2 [159970..160594]
3027.	QUAL	49	rps12 [complement(103611..103640)], rps12 [complement(104178..104408)], rps12 [complement(75438..75551)], rps16 [complement(5459..5692)], rps16 [complement(6594..6635)], atpF [complement(13514..13923)], atpF [complement(14715..14862)], rpoC1 [complement(23009..24625)], rpoC1 [complement(25452..25886)], ycf3 [complement(47294..47446)], ycf3 [complement(48214..48443)], ycf3 [complement(49153..49279)], rps12 [complement(75438..75551)], rps12 [146772..147003], rps12 [147540..147565], clpP [complement(75715..75942)], clpP [complement(76589..76882)], clpP [complement(77735..77803)], petB [80733..80738], petB [81571..82212], petD [82421..82429], petD [83068..83541], rpl16 [complement(87051..87449)], rpl16 [complement(88553..88561)], rpl2 [complement(90297..90730)], rpl2 [complement(91432..91825)], ndhB [complement(100557..101312)], ndhB [complement(101994..102770)], ndhA [complement(126353..126891)], ndhA [complement(127920..128475)], ndhB [148410..149186], ndhB [149868..150623], rpl2 [159355..159745], rpl2 [160450..160883]	rps16 [complement(5693..6593)], atpF [complement(13924..14714)], rpoC1 [complement(24626..25451)], ycf3 [complement(47447..48213)], ycf3 [complement(48444..49152)], clpP [complement(75943..76588)], clpP [complement(76883..77734)], petB [80739..81570], petD [82430..83067], rpl16 [complement(87450..88552)], rpl2 [complement(90731..91431)], ndhB [complement(101313..101993)], ndhA [complement(126892..127919)], ndhB [149187..149867], rpl2 [159746..160449]
3028.	QUA Q	44	rps12 [complement(103752..103982)], rps12 [complement(74978..75091)], atpF [complement(13270..13679)], atpF [complement(14457..14604)], rpoC1 [complement(22724..24340)], rpoC1 [complement(25167..25601)], ycf3 [complement(46765..46917)], ycf3 [complement(47685..47914)], ycf3 [complement(48633..48759)], rps12 [146228..146459], rps12 [146996..147021], clpP [complement(75255..75482)], clpP [complement(76117..76410)], clpP [complement(77262..77330)], petB [80273..80278], petB [81121..81762], petD [81971..81979], petD [82619..83113], rpl16 [complement(86609..87007)], rpl16 [complement(88115..88123)], rpl2 [complement(89856..90289)], rpl2 [complement(90991..91384)], ndhB [complement(100132..100889)], ndhB	atpF [complement(13680..14456)], rpoC1 [complement(24341..25166)], ycf3 [complement(46918..47684)], ycf3 [complement(47915..48632)], clpP [complement(75483..76116)], clpP [complement(76411..77261)], petB [80279..81120], petD [81980..82618], rpl16 [complement(87008..88114)], rpl2 [complement(90290..90990)], ndhB [complement(100890..101566)], ndhA [complement(126332..127365)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(101567..102344)], ndhA [complement(125793..126331)], ndhA [complement(127366..127921)], ndhB [147866..148640], ndhB [149321..150078], rpl2 [158826..159218], rpl2 [159884..160354]	[148641..149320], rpl2 [159219..159883]
3029.	QUBA	73	rps12 [complement(103709..103738)], rps12 [complement(104276..104506)], rps12 [complement(75526..75639)], trnK-UUU [complement(1844..1878)], trnK-UUU [complement(4386..4422)], rps16 [complement(5473..5706)], rps16 [complement(6564..6605)], trnG-GCC [10571..10593], trnG-GCC [11328..11364], atpF [complement(13550..13960)], atpF [complement(14740..14883)], rpoC1 [complement(23059..24684)], rpoC1 [complement(25519..25950)], ycf3 [complement(47328..47480)], ycf3 [complement(48249..48476)], ycf3 [complement(49198..49323)], trnL-UAA [52509..52543], trnL-UAA [53027..53076], trnV-UAC [complement(56581..56615)], trnV-UAC [complement(57246..57283)], rps12 [complement(75526..75639)], rps12 [146908..147139], rps12 [147676..147701], clpP [complement(75803..76030)], clpP [complement(76678..76971)], clpP [complement(77816..77884)], petB [80828..80833], petB [81666..82307], petD [82516..82524], petD [83165..83638], rpl16 [complement(87152..87550)], rpl16 [complement(88653..88661)], rpl2 [complement(90404..90874)], rpl2 [complement(91523..91912)], ndhB [complement(100656..101411)], ndhB [complement(102092..102868)], trnI-GAU [108307..108343], trnI-GAU [109299..109333], trnA-UGC [109398..109435], trnA-UGC [110236..110270], ndhA [complement(126474..127013)], ndhA [complement(128058..128609)], trnA-UGC [complement(141144..141178)], trnA-UGC [complement(141979..142016)], trnI-GAU [complement(142081..142115)], trnI-GAU [complement(143066..143107)], ndhB [148546..149322], ndhB [150003..150758], rpl2 [159502..159894], rpl2 [160540..161010]	trnK-UUU [complement(1879..4385)], rps16 [complement(5707..6563)], trnG-GCC [10594..11327], atpF [complement(13961..14739)], rpoC1 [complement(24685..25518)], ycf3 [complement(47481..48248)], ycf3 [complement(48477..49197)], trnL-UAA [52544..53026], trnV-UAC [complement(56616..57245)], clpP [complement(76031..76677)], clpP [complement(76972..77815)], petB [80834..81665], petD [82525..83164], rpl16 [complement(87551..88652)], rpl2 [complement(90875..91522)], ndhB [complement(101412..102091)], trnI-GAU [108344..109298], trnA-UGC [109436..110235], ndhA [complement(127014..128057)], trnA-UGC [complement(141179..141978)], trnI-GAU [complement(142116..143065)], ndhB [149323..150002], rpl2 [159895..160539]
3030.	QUCH	73	rps12 [complement(103767..103796)], rps12 [complement(104334..104564)], rps12 [complement(75606..75719)], trnK-UUU [complement(1859..1893)], trnK-UUU [complement(4399..4435)], rps16 [complement(5523..5717)], rps16 [complement(6622..6663)], trnG-GCC [10618..10640], trnG-GCC [11375..11411], atpF [complement(13594..14004)], atpF	trnK-UUU [complement(1894..4398)], rps16 [complement(5718..6621)], trnG-GCC [10641..11374], atpF [complement(14005..14784)], rpoC1 [complement(24710..25539)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(14785..14928)], rpoC1 [complement(23084..24709)], rpoC1 [complement(25540..25971)], ycf3 [complement(47339..47491)], ycf3 [complement(48270..48497)], ycf3 [complement(49219..49344)], trnL-UAA [52534..52568], trnL-UAA [53052..53101], trnV-UAC [complement(56601..56635)], trnV-UAC [complement(57266..57303)], rps12 [complement(75606..75719)], rps12 [146973..147204], rps12 [147741..147766], clpP [complement(75883..76110)], clpP [complement(76761..77054)], clpP [complement(77899..77967)], petB [80911..80916], petB [81758..82399], petD [82608..82616], petD [83257..83730], rpl16 [complement(87244..87642)], rpl16 [complement(88745..88753)], rpl2 [complement(90482..90952)], rpl2 [complement(91581..91970)], ndhB [complement(100714..101469)], ndhB [complement(102150..102926)], trnI-GAU [108365..108401], trnI-GAU [109357..109391], trnA-UGC [109456..109493], trnA-UGC [110294..110328], ndhA [complement(126544..127083)], ndhA [complement(128122..128673)], trnA-UGC [complement(141209..141243)], trnA-UGC [complement(142044..142081)], trnI-GAU [complement(142146..142180)], trnI-GAU [complement(143131..143172)], ndhB [148611..149387], ndhB [150068..150823], rpl2 [159567..159959], rpl2 [160585..161055]	[complement(47492..48269)], ycf3 [complement(48498..49218)], trnL-UAA [52569..53051], trnV-UAC [complement(56636..57265)], clpP [complement(76111..76760)], clpP [complement(77055..77898)], petB [80917..81757], petD [82617..83256], rpl16 [complement(87643..88744)], rpl2 [complement(90953..91580)], ndhB [complement(101470..102149)], trnI-GAU [108402..109356], trnA-UGC [109494..110293], ndhA [complement(127084..128121)], trnA-UGC [complement(141244..142043)], trnI-GAU [complement(142181..143130)], ndhB [149388..150067], rpl2 [159960..160584]
3031.	QUDE	73	rps12 [complement(103916..103945)], rps12 [complement(104483..104713)], rps12 [complement(75749..75862)], trnK-UUU [complement(1853..1887)], trnK-UUU [complement(4394..4430)], rps16 [complement(5493..5720)], rps16 [complement(6629..6670)], trnG-GCC [10559..10581], trnG-GCC [11315..11351], atpF [complement(13537..13947)], atpF [complement(14730..14873)], rpoC1 [complement(23019..24644)], rpoC1 [complement(25460..25891)], ycf3 [complement(47541..47693)], ycf3 [complement(48464..48691)], ycf3 [complement(49404..49529)], trnL-UAA [52686..52720], trnL-UAA [53205..53254], trnV-UAC [complement(56766..56800)], trnV-UAC [complement(57431..57468)], rps12 [complement(75749..75862)], rps12 [147098..147329], rps12 [147866..147891], clpP [complement(76026..76254)], clpP [complement(76904..77197)], clpP [complement(78050..78117)], petB	trnK-UUU [complement(1888..4393)], rps16 [complement(5721..6628)], trnG-GCC [10582..11314], atpF [complement(13948..14729)], rpoC1 [complement(24645..25459)], ycf3 [complement(47694..48463)], ycf3 [complement(48692..49403)], trnL-UAA [52721..53204], trnV-UAC [complement(56801..57430)], clpP [complement(76255..76903)], clpP [complement(77198..78049)], petB [81066..81897], petD [82757..83394], rpl16 [complement(87777..88879)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81060..81065], petB [81898..82539], petD [82748..82756], petD [83395..83868], rpl16 [complement(87378..87776)], rpl16 [complement(88880..88888)], rpl2 [complement(90623..91093)], rpl2 [complement(91742..92131)], ndhB [complement(100863..101618)], ndhB [complement(102299..103075)], trnI-GAU [108514..108550], trnI-GAU [109506..109540], trnA-UGC [109605..109642], trnA-UGC [110444..110478], ndhA [complement(126677..127215)], ndhA [complement(128248..128800)], trnA-UGC [complement(141333..141367)], trnA-UGC [complement(142169..142206)], trnI-GAU [complement(142271..142305)], trnI-GAU [complement(143256..143297)], ndhB [148736..149512], ndhB [150193..150948], rpl2 [159680..160073], rpl2 [160719..161188]	[complement(91094..91741)], ndhB [complement(101619..102298)], trnI-GAU [108551..109505], trnA-UGC [109643..110443], ndhA [complement(127216..128247)], trnA-UGC [complement(141368..142168)], trnI-GAU [complement(142306..143255)], ndhB [149513..150192], rpl2 [160074..160718]
3032.	QUO	73	rps12 [complement(103829..103858)], rps12 [complement(104396..104626)], rps12 [complement(75643..75756)], trnK-UUU [complement(1845..1879)], trnK-UUU [complement(4386..4422)], rps16 [complement(5510..5737)], rps16 [complement(6642..6683)], trnG-GCC [10631..10653], trnG-GCC [11388..11424], atpF [complement(13611..14021)], atpF [complement(14803..14946)], rpoC1 [complement(23141..24766)], rpoC1 [complement(25602..26033)], ycf3 [complement(47397..47549)], ycf3 [complement(48319..48546)], ycf3 [complement(49268..49393)], trnL-UAA [52576..52610], trnL-UAA [53094..53143], trnV-UAC [complement(56641..56675)], trnV-UAC [complement(57306..57343)], rps12 [complement(75643..75756)], rps12 [147073..147304], rps12 [147841..147866], clpP [complement(75920..76147)], clpP [complement(76795..77088)], clpP [complement(77933..78001)], petB [80945..80950], petB [81786..82427], petD [82636..82644], petD [83285..83758], rpl16 [complement(87274..87672)], rpl16 [complement(88775..88783)], rpl2 [complement(90524..90994)], rpl2 [complement(91643..92032)], ndhB [complement(100776..101531)], ndhB [complement(102212..102988)], trnI-GAU [108427..108463], trnI-GAU [109419..109453], trnA-UGC [109518..109555], trnA-UGC [110356..110390], ndhA [complement(126622..127161)], ndhA [complement(128202..128753)], trnA-UGC [complement(141309..141343)], trnA-UGC	trnK-UUU [complement(1880..4385)], rps16 [complement(5738..6641)], trnG-GCC [10654..11387], atpF [complement(14022..14802)], rpoC1 [complement(24767..25601)], ycf3 [complement(47550..48318)], ycf3 [complement(48547..49267)], trnL-UAA [52611..53093], trnV-UAC [complement(56676..57305)], clpP [complement(76148..76794)], clpP [complement(77089..77932)], petB [80951..81785], petD [82645..83284], rpl16 [complement(87673..88774)], rpl2 [complement(90995..91642)], ndhB [complement(101532..102211)], trnI-GAU [108464..109418], trnA-UGC [109556..110355], ndhA [complement(127162..128201)], trnA-UGC [complement(141344..142143)], trnI-GAU [complement(142281..143230)], ndhB [149488..150167], rpl2 [160060..160704]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(142144..142181)], trnI-GAU [complement(142246..142280)], trnI-GAU [complement(143231..143272)], ndhB [148711..149487], ndhB [150168..150923], rpl2 [159667..160059], rpl2 [160705..161175]	
3033.	QUGL	73	rps12 [complement(103599..103628)], rps12 [complement(104166..104396)], rps12 [complement(75432..75545)], trnK-UUU [complement(1846..1880)], trnK-UUU [complement(4387..4423)], rps16 [complement(5515..5709)], rps16 [complement(6612..6653)], trnG-GCC [10393..10415], trnG-GCC [11150..11186], atpF [complement(13376..13786)], atpF [complement(14559..14702)], rpoC1 [complement(22853..24478)], rpoC1 [complement(25311..25742)], ycf3 [complement(47211..47363)], ycf3 [complement(48131..48358)], ycf3 [complement(49071..49196)], trnL-UAA [52360..52394], trnL-UAA [52879..52928], trnV-UAC [complement(56457..56491)], trnV-UAC [complement(57122..57159)], rps12 [complement(75432..75545)], rps12 [146632..146863], rps12 [147400..147425], clpP [complement(75709..75936)], clpP [complement(76595..76888)], clpP [complement(77724..77792)], petB [80735..80740], petB [81568..82209], petD [82418..82426], petD [83067..83540], rpl16 [complement(87045..87443)], rpl16 [complement(88540..88548)], rpl2 [complement(90293..90763)], rpl2 [complement(91432..91821)], ndhB [complement(100546..101301)], ndhB [complement(101982..102758)], trnI-GAU [108168..108204], trnI-GAU [109160..109194], trnA-UGC [109259..109296], trnA-UGC [110098..110132], ndhA [complement(126274..126813)], ndhA [complement(127799..128350)], trnA-UGC [complement(140896..140930)], trnA-UGC [complement(141732..141769)], trnI-GAU [complement(141834..141868)], trnI-GAU [complement(142819..142860)], ndhB [148270..149046], ndhB [149727..150482], rpl2 [159207..159599], rpl2 [160265..160735]	trnK-UUU [complement(1881..4386)], rps16 [complement(5710..6611)], trnG-GCC [10416..11149], atpF [complement(13787..14558)], rpoC1 [complement(24479..25310)], ycf3 [complement(47364..48130)], ycf3 [complement(48359..49070)], trnL-UAA [52395..52878], trnV-UAC [complement(56492..57121)], clpP [complement(75937..76594)], clpP [complement(76889..77723)], petB [80741..81567], petD [82427..83066], rpl16 [complement(87444..88539)], rpl2 [complement(90764..91431)], ndhB [complement(101302..101981)], trnI-GAU [108205..109159], trnA-UGC [109297..110097], ndhA [complement(126814..127798)], trnA-UGC [complement(140931..141731)], trnI-GAU [complement(141869..142818)], ndhB [149047..149726], rpl2 [159600..160264]
3034.	QUGR	73	rps12 [complement(104671..104696)], rps12 [complement(105244..105475)], rps12 [complement(75941..76054)], trnK [complement(1857..1891)], trnK [complement(4390..4426)], rps16 [complement(5389..5615)], rps16 [complement(6463..6502)], trnG [10103..10125], trnG [10976..11023], atpF [complement(13244..13653)], atpF [complement(14415..14559)], rpoC1	trnK [complement(1892..4389)], rps16 [complement(5616..6462)], trnG [10126..10975], atpF [complement(13654..14414)], rpoC1 [complement(24420..25190)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22797..24419)], rpoC1 [complement(25191..25643)], ycf3 [complement(46612..46764)], ycf3 [complement(47476..47705)], ycf3 [complement(48445..48568)], trnL [52193..52227], trnL [52741..52790], trnV [complement(56982..57015)], trnV [complement(57622..57660)], rps12 [complement(75941..76054)], rps12 [148432..148663], rps12 [149211..149236], clpP [complement(76226..76453)], clpP [complement(77081..77372)], clpP [complement(78462..78532)], petB [81422..81427], petB [82194..82835], petD [83028..83035], petD [83813..84287], rpl16 [complement(87789..88187)], rpl16 [complement(89278..89286)], rpl2 [complement(90980..91413)], rpl2 [complement(92077..92467)], ndhB [complement(101610..102365)], ndhB [complement(103048..103824)], trnI [109446..109482], trnI [110433..110467], trnA [110532..110569], trnA [111373..111407], ndhA [complement(127702..128240)], ndhA [complement(129377..129929)], trnA [complement(142500..142534)], trnA [complement(143338..143375)], trnI [complement(143440..143474)], trnI [complement(144425..144461)], ndhB [150083..150859], ndhB [151542..152297], rpl2 [161440..161830], rpl2 [162494..162927]	[complement(46765..47475)], ycf3 [complement(47706..48444)], trnL [52228..52740], trnV [complement(57016..57621)], clpP [complement(76454..77080)], clpP [complement(77373..78461)], petB [81428..82193], petD [83036..83812], rpl16 [complement(88188..89277)], rpl2 [complement(91414..92076)], ndhB [complement(102366..103047)], trnI [109483..110432], trnA [110570..111372], ndhA [complement(128241..129376)], trnA [complement(142535..143337)], trnI [complement(143475..144424)], ndhB [150860..151541], rpl2 [161831..162493]
3035.	QUM O	73	rps12 [complement(103860..103889)], rps12 [complement(104427..104657)], rps12 [complement(75709..75822)], trnK-UUU [complement(1854..1888)], trnK-UUU [complement(4395..4431)], rps16 [complement(5478..5705)], rps16 [complement(6614..6655)], trnG-GCC [10536..10558], trnG-GCC [11292..11328], atpF [complement(13514..13924)], atpF [complement(14717..14860)], rpoC1 [complement(23008..24633)], rpoC1 [complement(25446..25877)], ycf3 [complement(47526..47678)], ycf3 [complement(48447..48674)], ycf3 [complement(49387..49512)], trnL-UAA [52606..52703], trnL-UAA [53188..53237], trnV-UAC [complement(56724..56758)], trnV-UAC [complement(57389..57424)], rps12 [complement(75709..75822)], rps12 [147042..147273], rps12 [147810..147835], clpP [complement(75986..76213)], clpP [complement(76863..77156)], clpP [complement(78009..78077)], petB [81024..81029], petB [81852..82493], petD [82702..82710], petD	trnK-UUU [complement(1889..4394)], rps16 [complement(5706..6613)], trnG-GCC [10559..11291], atpF [complement(13925..14716)], rpoC1 [complement(24634..25445)], ycf3 [complement(47679..48446)], ycf3 [complement(48675..49386)], trnL-UAA [52704..53187], trnV-UAC [complement(56759..57388)], clpP [complement(76214..76862)], clpP [complement(77157..78008)], petB [81030..81851], petD [82711..83348], rpl16 [complement(87735..88837)], rpl2 [complement(91038..91685)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[83349..83822], rpl16 [complement(87336..87734)], rpl16 [complement(88838..88846)], rpl2 [complement(90567..91037)], rpl2 [complement(91686..92075)], ndhB [complement(100807..101562)], ndhB [complement(102243..103019)], trnI-GAU [108452..108488], trnI-GAU [109444..109478], trnA-UGC [109543..109580], trnA-UGC [110382..110416], ndhA [complement(126625..127164)], ndhA [complement(128199..128750)], trnA-UGC [complement(141283..141317)], trnA-UGC [complement(142119..142156)], trnI-GAU [complement(142221..142255)], trnI-GAU [complement(143206..143247)], ndhB [148680..149456], ndhB [150137..150892], rpl2 [159624..160016], rpl2 [160662..161132]	[complement(101563..102242)], trnI-GAU [108489..109443], trnA-UGC [109581..110381], ndhA [complement(127165..128198)], trnA-UGC [complement(141318..142118)], trnI-GAU [complement(142256..143205)], ndhB [149457..150136], rpl2 [160017..160661]
3036.	QUOB	73	rps12 [complement(103558..103587)], rps12 [complement(104125..104355)], rps12 [complement(75413..75526)], trnK-UUU [complement(1845..1879)], trnK-UUU [complement(4387..4423)], rps16 [complement(5516..5710)], rps16 [complement(6613..6654)], trnG-GCC [10495..10517], trnG-GCC [11251..11287], atpF [complement(13477..13887)], atpF [complement(14661..14804)], rpoC1 [complement(22955..24580)], rpoC1 [complement(25424..25855)], ycf3 [complement(47190..47342)], ycf3 [complement(48110..48337)], ycf3 [complement(49050..49175)], trnL-UAA [52339..52373], trnL-UAA [52858..52907], trnV-UAC [complement(56436..56470)], trnV-UAC [complement(57101..57138)], rps12 [complement(75413..75526)], rps12 [146673..146904], rps12 [147441..147466], clpP [complement(75690..75917)], clpP [complement(76576..76869)], clpP [complement(77705..77773)], petB [80716..80721], petB [81549..82190], petD [82399..82407], petD [83048..83521], rpl16 [complement(87026..87424)], rpl16 [complement(88521..88529)], rpl2 [complement(90274..90744)], rpl2 [complement(91391..91780)], ndhB [complement(100505..101260)], ndhB [complement(101941..102717)], trnI-GAU [108127..108163], trnI-GAU [109119..109153], trnA-UGC [109218..109255], trnA-UGC [110057..110091], ndhA [complement(126234..126773)], ndhA [complement(127841..128392)], trnA-UGC [complement(140937..140971)], trnA-UGC [complement(141773..141810)], trnI-GAU [complement(141875..141909)],	trnK-UUU [complement(1880..4386)], rps16 [complement(5711..6612)], trnG-GCC [10518..11250], atpF [complement(13888..14660)], rpoC1 [complement(24581..25423)], ycf3 [complement(47343..48109)], ycf3 [complement(48338..49049)], trnL-UAA [52374..52857], trnV-UAC [complement(56471..57100)], clpP [complement(75918..76575)], clpP [complement(76870..77704)], petB [80722..81548], petD [82408..83047], rpl16 [complement(87425..88520)], rpl2 [complement(90745..91390)], ndhB [complement(101261..101940)], trnI-GAU [108164..109118], trnA-UGC [109256..110056], ndhA [complement(126774..127840)], trnA-UGC [complement(140972..141772)], trnI-GAU [complement(141910..142859)], ndhB [149088..149767], rpl2 [159641..160283]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(142860..142901)], ndhB [148311..149087], ndhB [149768..150523], rpl2 [159248..159640], rpl2 [160284..160754]	
3037.	QURU	54	rps12 [complement(103929..103958)], rps12 [complement(75705..75818)], trnK-UUU [complement(1851..1885)], trnK-UUU [complement(4393..4429)], trnG-GCC [10484..10506], trnG-GCC [11240..11276], atpF [complement(13463..13873)], rpoC1 [complement(22961..24586)], ycf3 [complement(47459..47611)], trnL-UAA [52651..52685], trnL-UAA [53171..53220], trnV-UAC [complement(56709..56743)], trnV-UAC [complement(57374..57411)], rps12 [complement(75705..75818)], rps12 [147888..147913], petB [81842..82483], rpl16 [complement(87331..87729)], rpl2 [complement(90603..91073)], ndhB [complement(100876..101631)], trnI-GAU [108527..108563], trnI-GAU [109518..109552], trnA-UGC [109617..109654], trnA-UGC [110455..110489], ndhA [complement(126686..127225)], ndhA [complement(128273..128824)], trnA-UGC [complement(141357..141391)], trnA-UGC [complement(142192..142229)], trnI-GAU [complement(142294..142328)], trnI-GAU [complement(143278..143319)], ndhB [150215..150970], rpl2 [160773..161243]	trnK-UUU [complement(1886..4392)], rps16 [complement(5672..6574)], trnG-GCC [10507..11239], atpF [complement(13874..14668)], rpoC1 [complement(24587..25415)], ycf3 [complement(47612..48377)], ycf3 [complement(48608..49318)], trnL-UAA [52686..53170], trnV-UAC [complement(56744..57373)], clpP [complement(76210..76854)], clpP [complement(77149..78000)], petB [81009..81841], petD [82701..83341], rpl16 [complement(87730..88837)], rpl2 [complement(91074..91741)], ndhB [complement(101632..102311)], trnI-GAU [108564..109517], trnA-UGC [109655..110454], ndhA [complement(127226..128272)], trnA-UGC [complement(141392..142191)], trnI-GAU [complement(142329..143277)], ndhB [149535..150214], rpl2 [160108..160772]
3038.	QUSI	73	rps12 [complement(103532..103561)], rps12 [complement(104099..104329)], rps12 [complement(75363..75476)], trnK-UUU [complement(1845..1879)], trnK-UUU [complement(4386..4422)], rps16 [complement(5522..5716)], rps16 [complement(6619..6660)], trnG-GCC [10337..10359], trnG-GCC [11093..11129], atpF [complement(13317..13727)], atpF [complement(14502..14645)], rpoC1 [complement(22795..24420)], rpoC1 [complement(25252..25683)], ycf3 [complement(47143..47295)], ycf3 [complement(48063..48290)], ycf3 [complement(49003..49128)], trnL-UAA [52292..52326], trnL-UAA [52811..52860], trnV-UAC	trnK-UUU [complement(1880..4385)], rps16 [complement(5717..6618)], trnG-GCC [10360..11092], atpF [complement(13728..14501)], rpoC1 [complement(24421..25251)], ycf3 [complement(47296..48062)], ycf3 [complement(48291..49002)], trnL-UAA [52327..52810], trnV-UAC [complement(56431..57060)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(56396..56430)], trnV-UAC [complement(57061..57098)], rps12 [complement(75363..75476)], rps12 [146507..146738], rps12 [147275..147300], clpP [complement(75640..75867)], clpP [complement(76521..76814)], clpP [complement(77650..77718)], petB [80661..80666], petB [81494..82135], petD [82344..82352], petD [82993..83466], rpl16 [complement(86972..87370)], rpl16 [complement(88467..88475)], rpl2 [complement(90217..90687)], rpl2 [complement(91356..91745)], ndhB [complement(100479..101234)], ndhB [complement(101915..102691)], trnI-GAU [108101..108137], trnI-GAU [109093..109127], trnA-UGC [109192..109229], trnA-UGC [110031..110065], ndhA [complement(126156..126695)], ndhA [complement(127679..128230)], trnA-UGC [complement(140771..140805)], trnA-UGC [complement(141607..141644)], trnI-GAU [complement(141709..141743)], trnI-GAU [complement(142694..142735)], ndhB [148145..148921], ndhB [149602..150357], rpl2 [159091..159483], rpl2 [160149..160619]</p>	<p>[complement(75868..76520)], clpP [complement(76815..77649)], petB [80667..81493], petD [82353..82992], rpl16 [complement(87371..88466)], rpl2 [complement(90688..91355)], ndhB [complement(101235..101914)], trnI-GAU [108138..109092], trnA-UGC [109230..110030], ndhA [complement(126696..127678)], trnA-UGC [complement(140806..141606)], trnI-GAU [complement(141744..142693)], ndhB [148922..149601], rpl2 [159484..160148]</p>
3039.	QUSP	55	<p>rps12 [complement(103737..103766)], rps12 [complement(104304..104534)], rps12 [complement(75526..75639)], trnK-UUU [complement(1853..1887)], trnK-UUU [complement(4395..4431)], rps16 [complement(5484..5699)], rps16 [complement(6615..6656)], atpF [complement(13533..13942)], atpF [complement(14724..14871)], rpoC1 [complement(23020..24636)], rpoC1 [complement(25473..25907)], ycf3 [complement(47325..47477)], ycf3 [complement(48245..48474)], ycf3 [complement(49193..49319)], rps12 [complement(75526..75639)], rps12 [146663..146895], rps12 [147432..147456], clpP [complement(75803..76030)], clpP [complement(76676..76969)], clpP [complement(77821..77889)], petB [80836..80841], petB [81674..82315], petD [82524..82532], petD [83173..83646], rpl16 [complement(87159..87557)], rpl16 [complement(88661..88669)], rpl2 [complement(90410..90843)], rpl2 [complement(91545..91938)], ndhB [complement(100682..101437)], ndhB [complement(102119..102895)], ndhA [complement(126494..126952)], ndhA [complement(127823..128374)], trnA-UGC [complement(140902..140936)], trnA-UGC [complement(141738..141775)], ndhB [148302..149078], ndhB</p>	<p>trnK-UUU [complement(1888..4394)], rps16 [complement(5700..6614)], atpF [complement(13943..14723)], rpoC1 [complement(24637..25472)], ycf3 [complement(47478..48244)], ycf3 [complement(48475..49192)], clpP [complement(76031..76675)], clpP [complement(76970..77820)], petB [80842..81673], petD [82533..83172], rpl16 [complement(87558..88660)], rpl2 [complement(90844..91544)], ndhB [complement(101438..102118)], ndhA [complement(126953..127822)], trnA-UGC [complement(140937..141737)], ndhB [149079..149759], rpl2 [159653..160317]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[149760..150392], rpl2 [159260..159652], rpl2 [160318..160599]	
3040.	QUTA	73	<p>rps12 [complement(103970..103999)], rps12 [complement(104537..104767)], rps12 [complement(75776..75889)], trnK-UUU [complement(1846..1880)], trnK-UUU [complement(4391..4427)], rps16 [complement(5481..5708)], rps16 [complement(6615..6656)], trnG-GCC [10588..10610], trnG-GCC [11348..11384], atpF [complement(13574..13984)], atpF [complement(14754..14897)], rpoC1 [complement(23060..24685)], rpoC1 [complement(25519..25950)], ycf3 [complement(47518..47670)], ycf3 [complement(48439..48666)], ycf3 [complement(49387..49512)], trnL-UAA [52689..52723], trnL-UAA [53207..53256], trnV-UAC [complement(56772..56806)], trnV-UAC [complement(57437..57474)], rps12 [complement(75776..75889)], rps12 [147191..147422], rps12 [147959..147984], clpP [complement(76053..76280)], clpP [complement(76930..77223)], clpP [complement(78086..78154)], petB [81098..81103], petB [81938..82579], petD [82788..82796], petD [83437..83910], rpl16 [complement(87420..87818)], rpl16 [complement(88921..88929)], rpl2 [complement(90665..91135)], rpl2 [complement(91784..92173)], ndhB [complement(100917..101672)], ndhB [complement(102353..103129)], trnI-GAU [108568..108604], trnI-GAU [109560..109594], trnA-UGC [109659..109696], trnA-UGC [110497..110531], ndhA [complement(126740..127279)], ndhA [complement(128316..128867)], trnA-UGC [complement(141427..141461)], trnA-UGC [complement(142262..142299)], trnI-GAU [complement(142364..142398)], trnI-GAU [complement(143349..143390)], ndhB [148829..149605], ndhB [150286..151041], rpl2 [159785..160177], rpl2 [160823..161293]</p>	<p>trnK-UUU [complement(1881..4390)], rps16 [complement(5709..6614)], trnG-GCC [10611..11347], atpF [complement(13985..14753)], rpoC1 [complement(24686..25518)], ycf3 [complement(47671..48438)], ycf3 [complement(48667..49386)], trnL-UAA [52724..53206], trnV-UAC [complement(56807..57436)], clpP [complement(76281..76929)], clpP [complement(77224..78085)], petB [81104..81937], petD [82797..83436], rpl16 [complement(87819..88920)], rpl2 [complement(91136..91783)], ndhB [complement(101673..102352)], trnI-GAU [108605..109559], trnA-UGC [109697..110496], ndhA [complement(127280..128315)], trnA-UGC [complement(141462..142261)], trnI-GAU [complement(142399..143348)], ndhB [149606..150285], rpl2 [160178..160822]</p>
3041.	QUTU	73	<p>rps12 [complement(103481..103510)], rps12 [complement(104048..104278)], rps12 [complement(75298..75411)], trnK-UUU [complement(1860..1894)], trnK-UUU [complement(4399..4435)], rps16 [complement(5261..5488)], rps16 [complement(6392..6433)], trnG-GCC [10235..10257], trnG-GCC [10991..11027], atpF [complement(13190..13600)], atpF [complement(14388..14531)], rpoC1 [complement(22672..24297)], rpoC1 [complement(25136..25567)], ycf3 [complement(47089..47241)], ycf3</p>	<p>trnK-UUU [complement(1895..4398)], rps16 [complement(5489..6391)], trnG-GCC [10258..10990], atpF [complement(13601..14387)], rpoC1 [complement(24298..25135)], ycf3 [complement(47242..48009)], ycf3 [complement(48238..48949)], trnL-UAA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(48010..48237)], ycf3 [complement(48950..49075)], trnL-UAA [52247..52281], trnL-UAA [52766..52815], trnV-UAC [complement(56319..56353)], trnV-UAC [complement(56984..57021)], rps12 [complement(75298..75411)], rps12 [146538..146769], rps12 [147306..147331], clpP [complement(75575..75802)], clpP [complement(76447..76740)], clpP [complement(77592..77660)], petB [80600..80605], petB [81444..82085], petD [82294..82302], petD [82942..83430], rpl16 [complement(86928..87326)], rpl16 [complement(88426..88434)], rpl2 [complement(90176..90646)], rpl2 [complement(91295..91684)], ndhB [complement(100428..101183)], ndhB [complement(101864..102640)], trnI-GAU [108079..108115], trnI-GAU [109071..109105], trnA-UGC [109170..109207], trnA-UGC [110008..110042], ndhA [complement(126102..126641)], ndhA [complement(127681..128232)], trnA-UGC [complement(140774..140808)], trnA-UGC [complement(141609..141646)], trnI-GAU [complement(141711..141745)], trnI-GAU [complement(142696..142737)], ndhB [148176..148952], ndhB [149633..150388], rpl2 [159132..159524], rpl2 [160170..160640]	[52282..52765], trnV-UAC [complement(56354..56983)], clpP [complement(75803..76446)], clpP [complement(76741..77591)], petB [80606..81443], petD [82303..82941], rpl16 [complement(87327..88425)], rpl2 [complement(90647..91294)], ndhB [complement(101184..101863)], trnI-GAU [108116..109070], trnA-UGC [109208..110007], ndhA [complement(126642..127680)], trnA-UGC [complement(140809..141608)], trnI-GAU [complement(141746..142695)], ndhB [148953..149632], rpl2 [159525..160169]
3042.	QUV A	73	rps12 [complement(103735..103764)], rps12 [complement(104302..104532)], rps12 [complement(75581..75694)], trnK-UUU [complement(1859..1893)], trnK-UUU [complement(4399..4435)], rps16 [complement(5530..5724)], rps16 [complement(6629..6670)], trnG-GCC [10595..10617], trnG-GCC [11352..11388], atpF [complement(13575..13985)], atpF [complement(14766..14909)], rpoC1 [complement(23065..24690)], rpoC1 [complement(25518..25949)], ycf3 [complement(47318..47470)], ycf3 [complement(48249..48476)], ycf3 [complement(49198..49323)], trnL-UAA [52509..52543], trnL-UAA [53027..53076], trnV-UAC [complement(56581..56615)], trnV-UAC [complement(57246..57283)], rps12 [complement(75581..75694)], rps12 [146933..147164], rps12 [147701..147726], clpP [complement(75858..76085)], clpP [complement(76737..77030)], clpP [complement(77875..77943)], petB [80888..80893], petB [81726..82367], petD [82576..82584], petD [83225..83698], rpl16 [complement(87213..87611)], rpl16	trnK-UUU [complement(1894..4398)], rps16 [complement(5725..6628)], trnG-GCC [10618..11351], atpF [complement(13986..14765)], rpoC1 [complement(24691..25517)], ycf3 [complement(47471..48248)], ycf3 [complement(48477..49197)], trnL-UAA [52544..53026], trnV-UAC [complement(56616..57245)], clpP [complement(76086..76736)], clpP [complement(77031..77874)], petB [80894..81725], petD [82585..83224], rpl16 [complement(87612..88713)], rpl2 [complement(90921..91548)], ndhB [complement(101438..102117)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88714..88722)], rpl2 [complement(90450..90920)], rpl2 [complement(91549..91938)], ndhB [complement(100682..101437)], ndhB [complement(102118..102894)], trnI-GAU [108333..108369], trnI-GAU [109325..109359], trnA-UGC [109424..109461], trnA-UGC [110262..110296], ndhA [complement(126505..127044)], ndhA [complement(128083..128634)], trnA-UGC [complement(141169..141203)], trnA-UGC [complement(142004..142041)], trnI-GAU [complement(142106..142140)], trnI-GAU [complement(143091..143132)], ndhB [148571..149347], ndhB [150028..150783], rpl2 [159527..159919], rpl2 [160545..161015]	[108370..109324], trnA-UGC [109462..110261], ndhA [complement(127045..128082)], trnA-UGC [complement(141204..142003)], trnI-GAU [complement(142141..143090)], ndhB [149348..150027], rpl2 [159920..160544]
3043.	QUVE	67	rps12 [complement(100274..100299)], rps12 [complement(100836..101067)], rps12 [complement(72143..72256)], trnK-UUU [complement(1781..1815)], trnK-UUU [complement(4323..4359)], rps16 [complement(5035..5260)], rps16 [complement(6102..6142)], trnG-UCC [9937..9959], trnG-UCC [10668..10715], atpF [complement(12641..13050)], atpF [complement(13772..13916)], rpoC1 [complement(21920..23536)], rpoC1 [complement(24299..24730)], ycf3 [complement(44311..44463)], ycf3 [complement(45208..45435)], ycf3 [complement(46151..46276)], trnL-UAA [49304..49340], trnL-UAA [49853..49902], trnV-UAC [complement(53722..53756)], trnV-UAC [complement(54338..54376)], rps12 [complement(72143..72256)], rps12 [143110..143341], rps12 [143878..143903], clpP [complement(72395..72622)], clpP [complement(73282..73573)], clpP [complement(74376..74446)], petB [77398..77403], petB [78124..78765], petD [78965..78972], petD [79728..80202], rpl16 [complement(83695..84093)], rpl16 [complement(85144..85152)], ndhB [complement(97191..97946)], ndhB [complement(98626..99402)], trnI-GAU [104964..105000], trnI-GAU [105950..105984], trnA-UGC [106049..106086], trnA-UGC [106893..106927], ndhA [complement(122768..123306)], ndhA [complement(124386..124938)], trnA-UGC [complement(137250..137284)], trnA-UGC [complement(138091..138128)], trnI-GAU [complement(138193..138227)], trnI-GAU [complement(139177..139213)], ndhB [144775..145551], ndhB [146231..146986]	trnK-UUU [complement(1816..4322)], rps16 [complement(5261..6101)], trnG-UCC [9960..10667], atpF [complement(13051..13771)], rpoC1 [complement(23537..24298)], ycf3 [complement(44464..45207)], ycf3 [complement(45436..46150)], trnL-UAA [49341..49852], trnV-UAC [complement(53757..54337)], clpP [complement(72623..73281)], clpP [complement(73574..74375)], petB [77404..78123], petD [78973..79727], rpl16 [complement(84094..85143)], ndhB [complement(97947..98625)], trnI-GAU [105001..105949], trnA-UGC [106087..106892], ndhA [complement(123307..124385)], trnA-UGC [complement(137285..138090)], trnI-GAU [complement(138228..139176)], ndhB [145552..146230]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3044.	QUWU	70	trnK-UUU [complement(1881..1915)], trnK-UUU [complement(4422..4458)], rps16 [complement(5503..5730)], rps16 [complement(6639..6680)], trnG-GCC [10575..10597], trnG-GCC [11331..11367], atpF [complement(13554..13964)], atpF [complement(14764..14907)], rpoC1 [complement(23052..24677)], rpoC1 [complement(25488..25919)], ycf3 [complement(47572..47724)], ycf3 [complement(48495..48722)], ycf3 [complement(49435..49560)], trnL-UAA [52718..52752], trnL-UAA [53231..53286], trnV-UAC [complement(56794..56828)], trnV-UAC [complement(57459..57496)], rps12 [complement(75797..75907)], rps12 [147144..147375], rps12 [147912..147937], clpP [complement(76071..76298)], clpP [complement(76949..77242)], clpP [complement(78095..78163)], petB [81106..81111], petB [81935..82576], petD [82785..82793], petD [83432..83905], rpl16 [complement(87416..87814)], rpl16 [complement(88918..88926)], rpl2 [complement(90647..91117)], rpl2 [complement(91766..92155)], ndhB [complement(100887..101642)], ndhB [complement(102323..103099)], trnI-GAU [108538..108575], trnI-GAU [109529..109564], trnA-UGC [109629..109666], trnA-UGC [110468..110502], ndhA [complement(126719..127258)], ndhA [complement(128294..128845)], trnA-UGC [complement(141379..141413)], trnA-UGC [complement(142215..142252)], trnI-GAU [complement(142317..142351)], trnI-GAU [complement(143302..143343)], ndhB [148782..149558], ndhB [150239..150994], rpl2 [159726..160118], rpl2 [160764..161234]	trnK-UUU [complement(1916..4421)], rps16 [complement(5731..6638)], trnG-GCC [10598..11330], atpF [complement(13965..14763)], rpoC1 [complement(24678..25487)], ycf3 [complement(47725..48494)], ycf3 [complement(48723..49434)], trnL-UAA [52753..53230], trnV-UAC [complement(56829..57458)], clpP [complement(76299..76948)], clpP [complement(77243..78094)], petB [81112..81934], petD [82794..83431], rpl16 [complement(87815..88917)], rpl2 [complement(91118..91765)], ndhB [complement(101643..102322)], trnI-GAU [108576..109528], trnA-UGC [109667..110467], ndhA [complement(127259..128293)], trnA-UGC [complement(141414..142214)], trnI-GAU [complement(142352..143301)], ndhB [149559..150238], rpl2 [160119..160763]
3045.	RABR	61	rps12 [complement(89528..89556)], rps12 [complement(90097..90328)], rps12 [complement(67596..67709)], trnK-UUU [complement(1336..1368)], trnK-UUU [complement(3859..3896)], rps16 [complement(4450..4673)], rps16 [complement(5538..5577)], trnG-UCC [complement(12832..12879)], trnG-UCC [complement(13594..13616)], atpF [32964..33122], atpF [33943..34350], ycf3 [complement(42115..42273)], ycf3 [complement(42997..43224)], ycf3 [complement(43961..44092)], trnL-UAA [46836..46870], trnL-UAA [47410..47459], trnV-UAC [complement(51036..51072)], trnV-UAC [complement(51669..51717)], rps12 [126125..126347], rps12 [126897..126925], petB [71450..71455], petB [72265..72906], petD	trnK-UUU [complement(1369..3858)], rps16 [complement(4674..5537)], trnG-UCC [complement(12880..13593)], atpF [33123..33942], ycf3 [complement(42274..42996)], ycf3 [complement(43225..43960)], trnL-UAA [46871..47409], trnV-UAC [complement(51073..51668)], petB [71456..72264], petD [73103..73854], rpl16 [complement(78261..79333)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[73095..73102], petD [73855..74329], rpl16 [complement(77868..78260)], rpl16 [complement(79334..79342)], rpl2 [complement(81282..81713)], rpl2 [complement(82380..82769)], ndhB [complement(86453..87208)], ndhB [complement(87923..88699)], trnI-GAU [93925..93966], trnI-GAU [94903..94937], trnA-UGC [95002..95039], trnA-UGC [95851..95885], ndhA [complement(111143..111682)], ndhA [complement(112695..113246)], trnA-UGC [complement(120568..120602)], trnA-UGC [complement(121414..121451)], ndhB [127754..128530], ndhB [129245..130000], rpl2 [133684..134073], rpl2 [134740..135171]	[complement(81714..82379)], ndhB [complement(87209..87922)], trnI-GAU [93967..94902], trnA-UGC [95040..95850], ndhA [complement(111683..112694)], trnA-UGC [complement(120603..121413)], ndhB [128531..129244], rpl2 [134074..134739]
3046.	RAJA	47	rps12 [complement(99727..99752)], rps12 [complement(100289..100520)], rps12 [complement(71554..71667)], trnK-UUU [complement(1659..1693)], trnK-UUU [complement(4203..4239)], atpF [complement(11525..11934)], trnL-UAA [48563..48597], trnL-UAA [48975..49024], trnV-UAC [complement(53632..53692)], trnV-UAC [complement(54263..54293)], clpP [complement(72980..73276)], rpl2 [complement(86545..86979)], rpl2 [complement(87641..88042)], ndhB [complement(96651..97409)], ndhB [complement(97999..98877)], trnI-GAU [104200..104241], trnI-GAU [105187..105221], trnA-UGC [105286..105323], trnA-UGC [106129..106163], ndhA [118671..119237], ndhA [120301..120840], trnA-UGC [complement(137539..137592)], trnA-UGC [complement(138380..138416)], trnI-GAU [complement(138481..138520)], trnI-GAU [complement(139471..139502)], ndhB [144825..145601], ndhB [146293..147051], rpl2 [155660..156061], rpl2 [156723..157157]	trnK-UUU [complement(1694..4202)], atpF [complement(11935..12644)], rpoC1 [complement(22436..23171)], ycf3 [complement(43597..44340)], ycf3 [complement(44569..45282)], trnL-UAA [48598..48974], trnV-UAC [complement(53693..54262)], clpP [complement(72179..72979)], clpP [complement(73277..74075)], rpl2 [complement(86980..87640)], ndhB [complement(97410..97998)], trnI-GAU [104242..105186], trnA-UGC [105324..106128], ndhA [119238..120300], trnA-UGC [complement(137593..138379)], trnI-GAU [complement(138521..139470)], ndhB [145602..146292], rpl2 [156062..156722]
3047.	RAM A	17	atpF [complement(11328..11734)], rpoC1 [complement(20362..21972)], rps12 [141700..141725], clpP [complement(70037..70282)], petB [75835..76476], petD [77419..77920], rpl16 [complement(81475..81873)], ndhB [complement(94957..95712)], ndhA [119161..119699], ndhB [144056..144811]	atpF [complement(11735..12451)], rpoC1 [complement(21973..22766)], trnL-UAA [47688..48178], trnV-UAC [complement(52251..52830)], rpl16 [complement(81874..82892)], trnI-GAU [102817..103765], rpl2 [153961..154619]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3048.	RAM D	73	rps12 [complement(107064..107098)], rps12 [complement(107626..107854)], rps12 [complement(77396..77509)], trnK-UUU [complement(1541..1575)], trnK-UUU [complement(4212..4248)], rps16 [complement(5038..5249)], rps16 [complement(6132..6171)], trnG-GCC [11279..11301], trnG-GCC [12020..12067], atpF [complement(14040..14450)], atpF [complement(15275..15418)], rpoC1 [complement(23410..25054)], rpoC1 [complement(25770..26197)], ycf3 [complement(46552..46706)], ycf3 [complement(47466..47693)], ycf3 [complement(48421..48550)], trnL-UAA [51823..51857], trnL-UAA [52381..52430], trnV-UAC [complement(56976..57012)], trnV-UAC [complement(57607..57644)], rps12 [complement(77396..77509)], rps12 [150473..150701], rps12 [151229..151263], clpP [complement(77684..78016)], clpP [complement(78739..79030)], clpP [complement(79858..79946)], petB [82864..82869], petB [83601..84248], petD [84446..84453], petD [85199..85673], rpl16 [complement(89269..89670)], rpl16 [complement(90698..90706)], rpl2 [complement(92995..93425)], rpl2 [complement(94088..94481)], ndhB [complement(103881..104636)], ndhB [complement(105337..106113)], trnI-GAU [111849..111890], trnI-GAU [112846..112880], trnA-UGC [112945..112982], trnA-UGC [113789..113823], ndhA [complement(129954..130492)], ndhA [complement(131526..132078)], trnA-UGC [complement(144504..144538)], trnA-UGC [complement(145345..145382)], trnI-GAU [complement(145447..145481)], trnI-GAU [complement(146437..146478)], ndhB [152214..152990], ndhB [153691..154446], rpl2 [163846..164239], rpl2 [164902..165332]	trnK-UUU [complement(1576..4211)], rps16 [complement(5250..6131)], trnG-GCC [11302..12019], atpF [complement(14451..15274)], rpoC1 [complement(25055..25769)], ycf3 [complement(46707..47465)], ycf3 [complement(47694..48420)], trnL-UAA [51858..52380], trnV-UAC [complement(57013..57606)], clpP [complement(78017..78738)], clpP [complement(79031..79857)], petB [82870..83600], petD [84454..85198], rpl16 [complement(89671..90697)], rpl2 [complement(93426..94087)], ndhB [complement(104637..105336)], trnI-GAU [111891..112845], trnA-UGC [112983..113788], ndhA [complement(130493..131525)], trnA-UGC [complement(144539..145344)], trnI-GAU [complement(145482..146436)], ndhB [152991..153690], rpl2 [164240..164901]
3049.	RAOC	55	trnK-UUU [complement(1636..1670)], trnK-UUU [complement(4211..4247)], rps16 [complement(4731..4927)], rps16 [complement(5777..5816)], atpF [complement(11251..11655)], atpF [complement(12345..12509)], rpoC1 [complement(19069..20691)], rpoC1 [complement(21466..21900)], ycf3 [complement(41429..41581)], ycf3 [complement(42319..42546)], ycf3 [complement(43267..43392)], trnL-UAA [46481..46516], trnL-UAA [47010..47060], trnV-UAC [complement(51217..51252)], trnV-UAC [complement(51832..51870)], rps12 [complement(68646..68791)], rps12	trnK-UUU [complement(1671..4210)], rps16 [complement(4928..5776)], atpF [complement(11656..12344)], rpoC1 [complement(20692..21465)], ycf3 [complement(41582..42318)], ycf3 [complement(42547..43266)], trnL-UAA [46517..47009], trnV-UAC [complement(51253..51831)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140262..140495], rps12 [141029..141059], clpP [complement(68959..69205)], clpP [complement(69875..70163)], clpP [complement(70996..71062)], petB [73939..73947], petB [74730..75383], rpl2 [complement(83598..84031)], rpl2 [complement(84691..85075)], ndhB [complement(93851..94606)], ndhB [complement(95327..96103)], trnI-GAU [101687..101728], trnI-GAU [102671..102705], trnA [102770..102807], trnA [103608..103642], trnA-UGC [complement(134354..134388)], trnA-UGC [complement(135189..135226)], trnI-GAU [complement(136268..136309)], trnI-GAU [complement(136273..136310)], ndhB [141893..142669], ndhB [143390..144145]	[complement(69206..69874)], clpP [complement(70164..70995)], petB [73948..74729], rpl2 [complement(84032..84690)], ndhB [complement(94607..95326)], trnI-GAU [101729..102670], trnA [102808..103607], trnA-UGC [complement(134389..135188)], trnI-GAU [complement(136310..136272)], ndhB [142670..143389]
3050.	RARE	24	rps12 [143793..143818]	trnK-UUU [complement(1710..4237)], rps16 [complement(4978..5793)], trnG-UCC [8585..9268], atpF [complement(11665..12365)], rpoC1 [complement(22173..22965)], ycf3 [complement(43445..44178)], ycf3 [complement(44409..45122)], trnL-UAA [48346..48857], trnV-UAC [complement(53106..53685)], clpP [complement(71156..71810)], clpP [complement(72100..72936)], petB [75894..76695], petD [77556..78283], rpl16 [complement(82733..83750)], rpl2 [complement(85957..86615)], ndhB [complement(96555..97266)], trnI-GAU [103662..104576], trnA-UGC [104714..105512], ndhA [118997..119984], trnA-UGC [complement(137186..137984)], trnI-GAU [complement(138122..139036)], ndhB [145432..146143], rpl2 [156083..156741]
3051.	RARP	23	rps12 [140821..140846]	trnK-UUU [complement(1735..4287)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(5005..5854)], trnG-UCC [8662..9358], atpF [complement(11762..12478)], rpoC1 [complement(21966..22760)], ycf3 [complement(42851..43579)], ycf3 [complement(43810..44524)], trnL-UAA [47902..48392], trnV-UAC [complement(52531..53110)], clpP [complement(70598..71273)], clpP [complement(71563..72393)], petD [76207..76930], rpl16 [complement(81372..82472)], rpl2 [complement(84734..85392)], ndhB [complement(95301..96012)], trnI-GAU [102406..103354], trnA-UGC [103492..104291], ndhA [complement(120197..121199)], trnA-UGC [complement(134182..134981)], trnI-GAU [complement(135119..136067)], ndhB [142461..143172], rpl2 [153081..153739]
3052.	RASA	72	rps12 [complement(96943..96968)], rps12 [complement(97506..97737)], rps12 [complement(68485..68598)], trnK-UUU [complement(1642..1676)], trnK-UUU [complement(4242..4278)], rps16 [complement(4945..5171)], rps16 [complement(6031..6070)], trnG-GCC [8370..8392], trnG-GCC [9109..9157], atpF [complement(11174..11583)], atpF [complement(12307..12451)], rpoC1 [complement(19866..21476)], rpoC1 [complement(22256..22687)], ycf3 [complement(41806..41958)], ycf3 [complement(42756..42983)], ycf3 [complement(43706..43831)], trnL-UAA [46322..46356], trnL-UAA [46670..46719], trnV-UAC [complement(50094..50128)], trnV-UAC [complement(50744..50782)], rps12 [138802..139033], rps12 [139571..139596], clpP [complement(68780..69007)], clpP [complement(69572..69863)], clpP [complement(70797..70867)], petB	trnK-UUU [complement(1677..4241)], rps16 [complement(5172..6030)], trnG-GCC [8393..9108], atpF [complement(11584..12306)], rpoC1 [complement(21477..22255)], ycf3 [complement(41959..42755)], ycf3 [complement(42984..43705)], trnL-UAA [46357..46669], trnV-UAC [complement(50129..50743)], clpP [complement(69008..69571)], clpP [complement(69864..70796)], petB [73869..74656], petD [75504..76185], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[73863..73868], petB [74657..75298], petD [75496..75503], petD [76186..76660], rpl16 [complement(80140..80538)], rpl16 [complement(81618..81626)], rpl2 [complement(83339..83773)], rpl2 [complement(84456..84845)], ndhB [complement(93898..94659)], ndhB [complement(95339..96115)], trnI-GAU [101683..101719], trnI-GAU [102529..102563], trnA-UGC [102628..102665], trnA-UGC [103466..103500], ndhA [complement(118785..119314)], ndhA [complement(120401..120953)], trnA-UGC [complement(133039..133073)], trnA-UGC [complement(133874..133911)], trnI-GAU [complement(133976..134010)], trnI-GAU [complement(134820..134856)], ndhB [140424..141200], ndhB [141880..142641], rpl2 [151694..152083], rpl2 [152766..153200]	[complement(80539..81617)], rpl2 [complement(83774..84455)], ndhB [complement(94660..95338)], trnI-GAU [101720..102528], trnA-UGC [102666..103465], ndhA [complement(119315..120400)], trnA-UGC [complement(133074..133873)], trnI-GAU [complement(134011..134819)], ndhB [141201..141879], rpl2 [152084..152765]
3053.	RECH	72	rps12 [complement(98293..98318)], rps12 [complement(98854..99085)], rps12 [complement(70777..70890)], trnK-UUU [complement(2260..2294)], trnK-UUU [complement(4820..4856)], rps16 [complement(5382..5608)], rps16 [complement(6466..6505)], trnG-UCC [9312..9334], trnG-UCC [10017..10064], atpF [complement(12010..12420)], atpF [complement(13121..13264)], rpoC1 [complement(21138..22751)], rpoC1 [complement(23509..23964)], ycf3 [complement(43143..43295)], ycf3 [complement(44014..44242)], ycf3 [complement(44956..45089)], trnL-UAA [47991..48025], trnL-UAA [48535..48583], trnV-UAC [complement(52462..52496)], trnV-UAC [complement(53073..53110)], rps12 [139945..140176], rps12 [140712..140737], clpP [complement(71026..71253)], clpP [complement(71892..72183)], clpP [complement(72921..72991)], petB [75896..75901], petB [76617..77258], petD [77452..77459], petD [78188..78662], rpl16 [complement(82096..82494)], rpl16 [complement(83361..83369)], rpl2 [complement(84991..85469)], rpl2 [complement(86079..86472)], ndhB [complement(95285..96040)], ndhB [complement(96720..97496)], trnI-GAU [102789..102825], trnI-GAU [103773..103807], trnA-UGC [103872..103909], trnA-UGC [104721..104755], ndhA [complement(119815..120353)], ndhA [complement(121326..121878)], trnA-UGC [complement(134275..134309)], trnA-UGC [complement(135121..135158)], trnI-GAU [complement(135223..135257)],	trnK-UUU [complement(2295..4819)], rps16 [complement(5609..6465)], trnG-UCC [9335..10016], atpF [complement(12421..13120)], rpoC1 [complement(22752..23508)], ycf3 [complement(43296..44013)], ycf3 [complement(44243..44955)], trnL-UAA [48026..48534], trnV-UAC [complement(52497..53072)], clpP [complement(71254..71891)], clpP [complement(72184..72920)], petB [75902..76616], petD [77460..78187], rpl16 [complement(82495..83360)], rpl2 [complement(85470..86078)], ndhB [complement(96041..96719)], trnI-GAU [102826..103772], trnA-UGC [103910..104720], ndhA [complement(120354..121325)], trnA-UGC [complement(134310..135120)], trnI-GAU [complement(135258..136204)], ndhB [142311..142989], rpl2 [152950..153621]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(136205..136241)], ndhB [141534..142310], ndhB [142990..143745], rpl2 [152559..152949], rpl2 [153622..154055]	
3054.	REEL	72	rps12 [complement(98074..98099)], rps12 [complement(98635..98866)], rps12 [complement(70563..70676)], trnK-UUU [complement(2047..2081)], trnK-UUU [complement(4621..4657)], rps16 [complement(5183..5409)], rps16 [complement(6267..6306)], trnG-UCC [9117..9139], trnG-UCC [9822..9869], atpF [complement(11815..12225)], atpF [complement(12926..13069)], rpoC1 [complement(20943..22556)], rpoC1 [complement(23314..23769)], ycf3 [complement(42938..43090)], ycf3 [complement(43809..44037)], ycf3 [complement(44751..44884)], trnL-UAA [47769..47803], trnL-UAA [48313..48361], trnV-UAC [complement(52240..52274)], trnV-UAC [complement(52851..52888)], rps12 [139696..139927], rps12 [140463..140488], clpP [complement(70841..71068)], clpP [complement(71707..71998)], clpP [complement(72736..72806)], petB [75711..75716], petB [76432..77073], petD [77267..77274], petD [78003..78477], rpl16 [complement(81911..82309)], rpl16 [complement(83176..83184)], rpl2 [complement(84724..85283)], rpl2 [complement(85890..86286)], ndhB [complement(95066..95821)], ndhB [complement(96501..97277)], trnI-GAU [102570..102606], trnI-GAU [103554..103588], trnA-UGC [103653..103690], trnA-UGC [104502..104536], ndhA [complement(119593..120131)], ndhA [complement(121084..121636)], trnA-UGC [complement(134026..134060)], trnA-UGC [complement(134872..134909)], trnI-GAU [complement(134974..135008)], trnI-GAU [complement(135956..135992)], ndhB [141285..142061], ndhB [142741..143496], rpl2 [152276..152666], rpl2 [153339..153772]	trnK-UUU [complement(2082..4620)], rps16 [complement(5410..6266)], trnG-UCC [9140..9821], atpF [complement(12226..12925)], rpoC1 [complement(22557..23313)], ycf3 [complement(43091..43808)], ycf3 [complement(44038..44750)], trnL-UAA [47804..48312], trnV-UAC [complement(52275..52850)], clpP [complement(71069..71706)], clpP [complement(71999..72735)], petB [75717..76431], petD [77275..78002], rpl16 [complement(82310..83175)], rpl2 [complement(85284..85889)], ndhB [complement(95822..96500)], trnI-GAU [102607..103553], trnA-UGC [103691..104501], ndhA [complement(120132..121083)], trnA-UGC [complement(134061..134871)], trnI-GAU [complement(135009..135955)], ndhB [142062..142740], rpl2 [152667..153338]
3055.	REGL	72	rps12 [complement(97946..97971)], rps12 [complement(98507..98738)], rps12 [complement(70446..70559)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4387..4423)], rps16 [complement(4951..5177)], rps16 [complement(6042..6081)], trnG-UCC [8882..8904], trnG-UCC [9580..9627], atpF [complement(11581..11991)], atpF [complement(12691..12834)], rpoC1 [complement(20701..22314)], rpoC1 [complement(23080..23535)], ycf3 [complement(42686..42838)], ycf3 [complement(43545..43773)], ycf3	trnK-UUU [complement(1862..4386)], rps16 [complement(5178..6041)], trnG-UCC [8905..9579], atpF [complement(11992..12690)], rpoC1 [complement(22315..23079)], ycf3 [complement(42839..43544)], ycf3 [complement(43774..44492)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44493..44626)], trnL-UAA [47665..47699], trnL-UAA [48189..48237], trnV-UAC [complement(52136..52170)], trnV-UAC [complement(52746..52783)], rps12 [139491..139722], rps12 [140258..140283], clpP [complement(70713..70940)], clpP [complement(71575..71866)], clpP [complement(72605..72675)], petB [75581..75586], petB [76303..76944], petD [77138..77145], petD [77874..78348], rpl16 [complement(81770..82168)], rpl16 [complement(83041..83049)], rpl2 [complement(84671..85146)], rpl2 [complement(85756..86149)], ndhB [complement(94938..95693)], ndhB [complement(96373..97149)], trnI-GAU [102450..102486], trnI-GAU [103434..103468], trnA-UGC [103533..103570], trnA-UGC [104382..104416], ndhA [complement(119440..119978)], ndhA [complement(120910..121462)], trnA-UGC [complement(133813..133847)], trnA-UGC [complement(134659..134696)], trnI-GAU [complement(134761..134795)], trnI-GAU [complement(135743..135779)], ndhB [141080..141856], ndhB [142536..143291], rpl2 [152080..152470], rpl2 [153143..153576]	[47700..48188], trnV-UAC [complement(52171..52745)], clpP [complement(70941..71574)], clpP [complement(71867..72604)], petB [75587..76302], petD [77146..77873], rpl16 [complement(82169..83040)], rpl2 [complement(85147..85755)], ndhB [complement(95694..96372)], trnI-GAU [102487..103433], trnA-UGC [103571..104381], ndhA [complement(119979..120909)], trnA-UGC [complement(133848..134658)], trnI-GAU [complement(134796..135742)], ndhB [141857..142535], rpl2 [152471..153142]
3056.	REHE	72	rps12 [complement(98140..98165)], rps12 [complement(98701..98932)], rps12 [complement(70638..70751)], trnK-UUU [complement(2009..2043)], trnK-UUU [complement(4569..4605)], rps16 [complement(5136..5362)], rps16 [complement(6227..6266)], trnG-UCC [9122..9144], trnG-UCC [9821..9868], atpF [complement(11814..12224)], atpF [complement(12924..13067)], rpoC1 [complement(20913..22526)], rpoC1 [complement(23284..23739)], ycf3 [complement(42982..43134)], ycf3 [complement(43858..44086)], ycf3 [complement(44801..44934)], trnL-UAA [47800..47834], trnL-UAA [48317..48365], trnV-UAC [complement(52258..52292)], trnV-UAC [complement(52868..52905)], rps12 [139796..140027], rps12 [140563..140588], clpP [complement(70886..71113)], clpP [complement(71745..72036)], clpP [complement(72784..72854)], petB [75765..75770], petB [76487..77128], petD [77322..77329], petD [78058..78532], rpl16 [complement(81949..82347)], rpl16 [complement(83220..83228)], rpl2 [complement(84913..85368)], rpl2 [complement(85975..86352)], ndhB [complement(95132..95887)], ndhB	trnK-UUU [complement(2044..4568)], rps16 [complement(5363..6226)], trnG-UCC [9145..9820], atpF [complement(12225..12923)], rpoC1 [complement(22527..23283)], ycf3 [complement(43135..43857)], ycf3 [complement(44087..44800)], trnL-UAA [47835..48316], trnV-UAC [complement(52293..52867)], clpP [complement(71114..71744)], clpP [complement(72037..72783)], petB [75771..76486], petD [77330..78057], rpl16 [complement(82348..83219)], rpl2 [complement(85369..85974)], ndhB [complement(95888..96566)], trnI-GAU [102687..103633], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(96567..97343)], trnI-GAU [102650..102686], trnI-GAU [103634..103668], trnA-UGC [103733..103770], trnA-UGC [104582..104616], ndhA [complement(119670..120208)], ndhA [complement(121168..121720)], trnA-UGC [complement(134112..134146)], trnA-UGC [complement(134958..134995)], trnI-GAU [complement(135060..135094)], trnI-GAU [complement(136042..136078)], ndhB [141385..142161], ndhB [142841..143596], rpl2 [152394..152784], rpl2 [153457..153890]	[103771..104581], ndhA [complement(120209..121167)], trnA-UGC [complement(134147..134957)], trnI-GAU [complement(135095..136041)], ndhB [142162..142840], rpl2 [152785..153456]
3057.	REM A	73	rps12 [complement(100977..101002)], rps12 [complement(101539..101770)], rps12 [complement(73707..73820)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4314..4350)], rps16 [complement(5212..5437)], rps16 [complement(6296..6333)], trnG-GCC [10107..10129], trnG-GCC [10837..10884], atpF [complement(12894..13302)], atpF [complement(14013..14170)], rpoC1 [complement(21935..23560)], rpoC1 [complement(24288..24743)], ycf3 [complement(44803..44955)], ycf3 [complement(45710..45937)], ycf3 [complement(46659..46784)], trnL-UAA [49988..50024], trnL-UAA [50535..50584], trnV-UAC [54584..54620], trnV-UAC [55222..55260], rps12 [complement(73707..73820)], rps12 [143673..143904], rps12 [144441..144466], clpP [complement(73960..74187)], clpP [complement(74829..75119)], clpP [complement(75937..76005)], petB [78930..78935], petB [79675..80331], petD [80525..80533], petD [80585..81058], rpl16 [complement(84507..84908)], rpl16 [complement(85970..85978)], rpl2 [complement(87568..88002)], rpl2 [complement(88664..89056)], ndhB [complement(97919..98674)], ndhB [complement(99354..100130)], trnI-GAU [105687..105728], trnI-GAU [106670..106704], trnA-UGC [106769..106806], trnA-UGC [107614..107648], ndhA [complement(123281..123819)], ndhA [complement(124921..125473)], trnA-UGC [complement(137795..137829)], trnA-UGC [complement(138637..138674)], trnI-GAU [complement(138739..138773)], trnI-GAU [complement(139715..139756)], ndhB [145313..146089], ndhB [146769..147524], rpl2 [156387..156779], rpl2 [157441..157875]	trnK-UUU [complement(1809..4313)], rps16 [complement(5438..6295)], trnG-GCC [10130..10836], atpF [complement(13303..14012)], rpoC1 [complement(23561..24287)], ycf3 [complement(44956..45709)], ycf3 [complement(45938..46658)], trnL-UAA [50025..50534], trnV-UAC [54621..55221], clpP [complement(74188..74828)], clpP [complement(75120..75936)], petB [78936..79674], petD [80534..80584], rpl16 [complement(84909..85969)], rpl2 [complement(88003..88663)], ndhB [complement(98675..99353)], trnI-GAU [105729..106669], trnA-UGC [106807..107613], ndhA [complement(123820..124920)], trnA-UGC [complement(137830..138636)], trnI-GAU [complement(138774..139714)], ndhB [146090..146768], rpl2 [156780..157440]
3058.	RENE	64	rps12 [complement(89766..89794)], rps12 [complement(90335..90566)], rps12 [complement(67709..67822)], trnK-UUU [complement(1384..1416)],	trnK-UUU [complement(1417..3934)], rps16 [complement(4752..5618)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3935..3972)], rps16 [complement(4522..4751)], rps16 [complement(5619..5658)], trnG-UCC [complement(13197..13244)], trnG-UCC [complement(13928..13950)], atpF [33288..33446], atpF [34266..34673], ycf3 [complement(42426..42584)], ycf3 [complement(43317..43544)], ycf3 [complement(44283..44414)], trnL-UAA [47111..47145], trnL-UAA [47685..47734], trnV-UAC [complement(51170..51206)], trnV-UAC [complement(51803..51841)], rps12 [127066..127288], rps12 [127838..127866], petB [71561..71566], petB [72398..73039], petD [73228..73235], petD [73983..74457], rpl16 [complement(78013..78417)], rpl16 [complement(79501..79509)], rpl2 [complement(81510..81941)], rpl2 [complement(82609..82998)], ndhB [complement(86693..87448)], ndhB [complement(88161..88937)], trnI-GAU [94391..94432], trnI-GAU [95369..95403], trnA-UGC [95469..95506], trnA-UGC [96318..96352], ndhA [complement(111823..112362)], ndhA [complement(113381..113932)], trnA-UGC [complement(121280..121314)], trnA-UGC [complement(122126..122164)], trnI-GAU [complement(122229..122263)], trnI-GAU [complement(123200..123241)], ndhB [128695..129471], ndhB [130184..130939], rpl2 [134634..135023], rpl2 [135691..136122]	[complement(13245..13927)], atpF [33447..34265], ycf3 [complement(42585..43316)], ycf3 [complement(43545..44282)], trnL-UAA [47146..47684], trnV-UAC [complement(51207..51802)], petB [71567..72397], petD [73236..73982], rpl16 [complement(78418..79500)], rpl2 [complement(81942..82608)], ndhB [complement(87449..88160)], trnI-GAU [94433..95368], trnA-UGC [95507..96317], ndhA [complement(112363..113380)], trnA-UGC [complement(121315..122125)], trnI-GAU [complement(122264..123199)], ndhB [129472..130183], rpl2 [135024..135690]
3059.	REPA	72	rps12 [complement(98205..98230)], rps12 [complement(98766..98997)], rps12 [complement(70726..70839)], trnK-UUU [complement(2053..2087)], trnK-UUU [complement(4613..4649)], rps16 [complement(5172..5398)], rps16 [complement(6263..6302)], trnG-UCC [9153..9175], trnG-UCC [9850..9897], atpF [complement(11841..12251)], atpF [complement(12957..13100)], rpoC1 [complement(21004..22617)], rpoC1 [complement(23375..23830)], ycf3 [complement(43043..43195)], ycf3 [complement(43906..44134)], ycf3 [complement(44850..44983)], trnL-UAA [47888..47922], trnL-UAA [48413..48461], trnV-UAC [complement(52339..52373)], trnV-UAC [complement(52948..52985)], rps12 [139839..140070], rps12 [140606..140631], clpP [complement(70974..71201)], clpP [complement(71834..72125)], clpP [complement(72863..72933)], petB [75839..75844], petB [76560..77201], petD [77395..77402], petD [78131..78605], rpl16 [complement(82028..82426)], rpl16	trnK-UUU [complement(2088..4612)], rps16 [complement(5399..6262)], trnG-UCC [9176..9849], atpF [complement(12252..12956)], rpoC1 [complement(22618..23374)], ycf3 [complement(43196..43905)], ycf3 [complement(44135..44849)], trnL-UAA [47923..48412], trnV-UAC [complement(52374..52947)], clpP [complement(71202..71833)], clpP [complement(72126..72862)], petB [75845..76559], petD [77403..78130], rpl16 [complement(82427..83292)], rpl2 [complement(85442..86017)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(83293..83301)], rpl2 [complement(84965..85441)], rpl2 [complement(86018..86425)], ndhB [complement(95197..95952)], ndhB [complement(96632..97408)], trnI-GAU [102701..102737], trnI-GAU [103685..103719], trnA-UGC [103784..103821], trnA-UGC [104633..104667], ndhA [complement(119698..120236)], ndhA [complement(121210..121762)], trnA-UGC [complement(134169..134203)], trnA-UGC [complement(135015..135052)], trnI-GAU [complement(135117..135151)], trnI-GAU [complement(136099..136135)], ndhB [141428..142204], ndhB [142884..143639], rpl2 [152429..152819], rpl2 [153492..153925]	[complement(95953..96631)], trnI-GAU [102738..103684], trnA-UGC [103822..104632], ndhA [complement(120237..121209)], trnA-UGC [complement(134204..135014)], trnI-GAU [complement(135152..136098)], ndhB [142205..142883], rpl2 [152820..153491]
3060.	REPI	15	petD [complement(48557..48562)], petB [complement(48795..49436)]	ycf3 [complement(12079..12802)], ycf3 [complement(13031..13725)], trnV-UAC [complement(20351..20877)], rpl2 [39883..40609], petD [complement(47929..48556)], petB [complement(49437..50207)], ndhA [65254..66007], trnK-UUU [82075..84500], ndhB [complement(98876..99592)], trnI-GAU [106951..107912], trnA-UGC [108057..108843], trnG-UCC [113241..114043], atpF [complement(116522..117255)]
3061.	RESO	72	rps12 [complement(98142..98167)], rps12 [complement(98703..98934)], rps12 [complement(70639..70752)], trnK-UUU [complement(2009..2043)], trnK-UUU [complement(4569..4605)], rps16 [complement(5136..5362)], rps16 [complement(6227..6266)], trnG-UCC [9122..9144], trnG-UCC [9821..9868], atpF [complement(11814..12224)], atpF [complement(12924..13067)], rpoC1 [complement(20912..22525)], rpoC1 [complement(23283..23738)], ycf3 [complement(42981..43133)], ycf3 [complement(43857..44085)], ycf3 [complement(44800..44933)], trnL-UAA [47799..47833], trnL-UAA [48316..48364], trnV-UAC [complement(52257..52291)], trnV-UAC [complement(52867..52904)], rps12 [139895..140126], rps12 [140662..140687], clpP [complement(70887..71114)], clpP	trnK-UUU [complement(2044..4568)], rps16 [complement(5363..6226)], trnG-UCC [9145..9820], atpF [complement(12225..12923)], rpoC1 [complement(22526..23282)], ycf3 [complement(43134..43856)], ycf3 [complement(44086..44799)], trnL-UAA [47834..48315], trnV-UAC [complement(52292..52866)], clpP [complement(71115..71745)], clpP [complement(72038..72784)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71746..72037)], clpP [complement(72785..72855)], petB [75766..75771], petB [76488..77129], petD [77323..77330], petD [78059..78533], rpl16 [complement(81950..82348)], rpl16 [complement(83221..83229)], rpl2 [complement(84915..85370)], rpl2 [complement(85941..86354)], ndhB [complement(95134..95889)], ndhB [complement(96569..97345)], trnI-GAU [102684..102720], trnI-GAU [103668..103702], trnA-UGC [103767..103804], trnA-UGC [104616..104650], ndhA [complement(119720..120258)], ndhA [complement(121219..121771)], trnA-UGC [complement(134179..134213)], trnA-UGC [complement(135025..135062)], trnI-GAU [complement(135127..135161)], trnI-GAU [complement(136109..136145)], ndhB [141484..142260], ndhB [142940..143695], rpl2 [152493..152883], rpl2 [153556..153989]	[75772..76487], petD [77331..78058], rpl16 [complement(82349..83220)], rpl2 [complement(85371..85940)], ndhB [complement(95890..96568)], trnI-GAU [102721..103667], trnA-UGC [103805..104615], ndhA [complement(120259..121218)], trnA-UGC [complement(134214..135024)], trnI-GAU [complement(135162..136108)], ndhB [142261..142939], rpl2 [152884..153555]
3062.	RETH	73	rps12 [complement(104403..104428)], rps12 [complement(104965..105196)], rps12 [complement(75581..75694)], trnK-UUU [complement(1995..2029)], trnK-UUU [complement(4579..4615)], rps16 [complement(5438..5663)], rps16 [complement(6537..6577)], trnG-UCC [9341..9363], trnG-UCC [10142..10188], atpF [complement(12254..12662)], atpF [complement(13453..13613)], rpoC1 [complement(21903..23536)], rpoC1 [complement(24291..24726)], ycf3 [complement(45214..45366)], ycf3 [complement(46151..46378)], ycf3 [complement(47152..47277)], trnL-UAA [51336..51373], trnL-UAA [51930..51978], trnV-UAC [complement(56137..56173)], trnV-UAC [complement(56773..56811)], rps12 [complement(75581..75694)], rps12 [147156..147387], rps12 [147924..147949], clpP [complement(75869..76099)], clpP [complement(76791..77084)], clpP [complement(77986..78054)], petB [80936..80941], petB [81753..82406], petD [82615..82622], petD [83367..83841], rpl16 [complement(87380..87781)], rpl16 [complement(88920..88928)], rpl2 [complement(90712..91145)], rpl2 [complement(91840..92230)], ndhB [complement(101343..102098)], ndhB [complement(102782..103558)], trnI-GAU [109175..109214], trnI-GAU [110168..110203], trnA-UGC [110267..110304], trnA-UGC [111099..111133], ndhA [complement(126465..127004)], ndhA [complement(128107..128658)],	trnK-UUU [complement(2030..4578)], rps16 [complement(5664..6536)], trnG-UCC [9364..10141], atpF [complement(12663..13452)], rpoC1 [complement(23537..24290)], ycf3 [complement(45367..46150)], ycf3 [complement(46379..47151)], trnL-UAA [51374..51929], trnV-UAC [complement(56174..56772)], clpP [complement(76100..76790)], clpP [complement(77085..77985)], petB [80942..81752], petD [82623..83366], rpl16 [complement(87782..88919)], rpl2 [complement(91146..91839)], ndhB [complement(102099..102781)], trnI-GAU [109215..110167], trnA-UGC [110305..111098], ndhA [complement(127005..128106)], trnA-UGC [complement(141254..142047)], trnI-GAU [complement(142183..143135)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(141219..141253)], trnA-UGC [complement(142048..142085)], trnI-GAU [complement(142149..142182)], trnI-GAU [complement(143136..143177)], ndhB [148794..149570], ndhB [150254..151009], rpl2 [160122..160511], rpl2 [161206..161640]	[149571..150253], rpl2 [160512..161205]
3063.	RETR	68	rps12 [complement(98501..98526)], rps12 [complement(99063..99294)], rps12 [complement(70322..70435)], trnH-GUG [complement(154533)], trnH-GUG [complement(1..73)], trnK-UUU [complement(1586..1620)], trnK-UUU [complement(4098..4134)], rps16 [complement(4801..5026)], rps16 [complement(5882..5922)], trnG-UCC [9190..9212], trnG-UCC [9921..9968], atpF [complement(11965..12374)], atpF [complement(13087..13231)], rpoC1 [complement(20681..22291)], rpoC1 [complement(23078..23509)], ycf3 [complement(43355..43507)], ycf3 [complement(44290..44517)], ycf3 [complement(45314..45439)], trnL-UAA [48454..48490], trnL-UAA [48936..48985], trnV-UAC [complement(51935..51969)], trnV-UAC [complement(52563..52601)], rps12 [140051..140282], rps12 [140819..140844], clpP [complement(70583..70810)], clpP [complement(71419..71710)], clpP [complement(72557..72627)], petB [75541..75546], petB [76203..76844], petD [77243..77250], petD [78018..78492], rpl16 [complement(82004..82402)], rpl16 [complement(83320..83328)], ndhB [complement(95451..96206)], ndhB [complement(96886..97662)], trnI-GAU [102968..103004], trnI-GAU [103951..103985], trnA-UGC [104050..104087], trnA-UGC [104898..104932], ndhA [complement(120136..120674)], ndhA [complement(121776..122328)], trnA-UGC [complement(134413..134447)], trnA-UGC [complement(135258..135295)], trnI-GAU [complement(135360..135394)], trnI-GAU [complement(136341..136377)], ndhB [141683..142459], ndhB [143139..143894]	trnK-UUU [complement(1621..4097)], rps16 [complement(5027..5881)], trnG-UCC [9213..9920], atpF [complement(12375..13086)], rpoC1 [complement(22292..23077)], ycf3 [complement(43508..44289)], ycf3 [complement(44518..45313)], trnL-UAA [48491..48935], trnV-UAC [complement(51970..52562)], clpP [complement(70811..71418)], clpP [complement(71711..72556)], petB [75547..76202], petD [77251..78017], rpl16 [complement(82403..83319)], ndhB [complement(96207..96885)], trnI-GAU [103005..103950], trnA-UGC [104088..104897], ndhA [complement(120675..121775)], trnA-UGC [complement(134448..135257)], trnI-GAU [complement(135395..136340)], ndhB [142460..143138]
3064.	RHAM	67	rps12 [complement(109235..109260)], rps12 [complement(109797..110028)], rps12 [complement(79018..79131)], trnK-UUU [complement(1828..1862)], trnK-UUU [complement(4383..4419)], rps16 [complement(6196..6430)], rps16 [complement(7278..7318)], trnG-UCC [11698..11720], trnG-UCC [12420..12467], atpF [complement(14712..15121)], atpF	trnK-UUU [complement(1863..4382)], rps16 [complement(6431..7277)], trnG-UCC [11721..12419], atpF [complement(15122..15843)], rpoC1 [complement(25298..26092)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(15844..15994)], rpoC1 [complement(23687..25297)], rpoC1 [complement(26093..26524)], ycf3 [complement(48889..49041)], ycf3 [complement(49774..50001)], ycf3 [complement(50729..50854)], trnL-UAA [54337..54373], trnL-UAA [54909..54958], trnV-UAC [complement(59035..59069)], trnV-UAC [complement(59661..59699)], rps12 [complement(79018..79131)], rps12 [153419..153650], rps12 [154187..154212], clpP [complement(79274..79501)], clpP [complement(80124..80415)], clpP [complement(81372..81442)], petB [84363..84368], petB [85174..85815], petD [86018..86025], petD [87338..87812], rpl16 [complement(91402..91800)], rpl16 [complement(93997..94005)], ndhB [complement(106168..106923)], ndhB [complement(107605..108327)], trnI-GAU [113942..113978], trnI-GAU [114931..114965], trnA-UGC [115030..115067], trnA-UGC [115870..115904], ndhA [complement(132806..133350)], ndhA [complement(134464..135007)], trnA-UGC [complement(147543..147577)], trnA-UGC [complement(148380..148417)], trnI-GAU [complement(148482..148516)], trnI-GAU [complement(149469..149505)], ndhB [155120..155842], ndhB [156524..157279]</p>	<p>[complement(49042..49773)], ycf3 [complement(50002..50728)], trnL-UAA [54374..54908], trnV-UAC [complement(59070..59660)], clpP [complement(79502..80123)], clpP [complement(80416..81371)], petB [84369..85173], petD [86026..87337], rpl16 [complement(91801..93996)], ndhB [complement(106924..107604)], trnI-GAU [113979..114930], trnA-UGC [115068..115869], ndhA [complement(133351..134463)], trnA-UGC [complement(147578..148379)], trnI-GAU [complement(148517..149468)], ndhB [155843..156523]</p>
3065.	RHBR	49	<p>rps12 [complement(98498..98523)], rps12 [complement(99065..99296)], rps12 [complement(70205..70318)], trnK [complement(1640..1674)], trnK [complement(4205..4241)], rps16 [complement(4677..4894)], rps16 [complement(5619..5658)], trnG [8978..9000], trnG [9790..9838], atpF [complement(12134..12543)], atpF [complement(13369..13513)], rpoC1 [complement(21283..22899)], rpoC1 [complement(23629..24060)], ycf3 [complement(43132..43284)], ycf3 [complement(44110..44337)], ycf3 [complement(45078..45203)], trnL [48007..48041], trnL [48563..48612], trnV [complement(52355..52389)], trnV [complement(53000..53038)], rps12 [140906..141137], rps12 [141679..141704], clpP [complement(70467..70694)], clpP [complement(71348..71639)], clpP [complement(72571..72641)], petB [75542..75547], petB [76332..76973], petD [77179..77186], petD [77994..78468], rpl16 [complement(82066..82464)], rpl16 [complement(83462..83470)], rpl2 [complement(85231..85665)], rpl2</p>	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86329..86718)], ndhB [complement(95440..96195)], ndhB [complement(96873..97652)], trnI [103273..103309], trnI [104158..104192], trnA [104262..104299], trnA [105101..105135], ndhA [complement(120805..121343)], ndhA [complement(122357..122909)], trnA [complement(135067..135101)], trnA [complement(135903..135940)], trnI [complement(136010..136044)], trnI [complement(136893..136929)], ndhB [142550..143329], ndhB [144007..144762], rpl2 [153484..153873], rpl2 [154537..154971]	
3066.	RHCH	70	rps12 [complement(100919..100944)], rps12 [complement(101481..101712)], rps12 [complement(83034..83147)], rpl2 [8237..8629], rpl2 [9292..9726], trnK-UUU [complement(11675..11709)], trnK-UUU [complement(14303..14339)], rps16 [complement(15440..15665)], rps16 [complement(16565..16602)], trnG-UCC [20289..20311], trnG-UCC [21025..21071], atpF [complement(23121..23531)], atpF [complement(24280..24435)], rpoC1 [complement(32213..33838)], rpoC1 [complement(34599..35033)], ycf3 [complement(55327..55481)], ycf3 [complement(56279..56504)], ycf3 [complement(57240..57365)], trnL-UAA [60134..60170], trnL-UAA [60621..60670], trnV-UAC [complement(64074..64110)], trnV-UAC [complement(64696..64734)], rps12 [complement(83034..83147)], rps12 [144182..144413], rps12 [144950..144975], clpP [complement(83306..83533)], clpP [complement(84187..84477)], clpP [complement(85254..85322)], petB [88277..88282], petB [89069..89710], petD [89919..89926], petD [90651..91125], rpl16 [complement(94517..94918)], rpl16 [complement(95990..95998)], ndhB [complement(97861..98616)], ndhB [complement(99298..100074)], trnI-GAU [105628..105669], trnI-GAU [106619..106653], trnA-UGC [106718..106755], trnA-UGC [107597..107631], ndhA [complement(123596..124136)], ndhA [complement(125257..125723)], trnA-UGC [complement(138263..138297)], trnA-UGC [complement(139139..139176)], trnI-GAU [complement(139241..139275)], trnI-GAU [complement(140225..140266)], ndhB [145820..146596], ndhB [147278..148033]	rpl2 [8630..9291], trnK-UUU [complement(11710..14302)], rps16 [complement(15666..16564)], trnG-UCC [20312..21024], atpF [complement(23532..24279)], rpoC1 [complement(33839..34598)], ycf3 [complement(55482..56278)], ycf3 [complement(56505..57239)], trnL-UAA [60171..60620], trnV-UAC [complement(64111..64695)], clpP [complement(83534..84186)], clpP [complement(84478..85253)], petB [88283..89068], petD [89927..90650], rpl16 [complement(94919..95989)], ndhB [complement(98617..99297)], trnI-GAU [105670..106618], trnA-UGC [106756..107596], ndhA [complement(124137..125256)], trnA-UGC [complement(138298..139138)], trnI-GAU [complement(139276..140224)], ndhB [146597..147277]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3067.	RHGA	12	rps19 [59097..59190], rps19 [1..203], clpP [complement(19486..19710)], clpP [complement(20346..20637)], clpP [complement(21455..21525)], rpl16 [complement(24008..24415)], rpl16 [complement(25443..25451)], rpl2 [complement(26662..27092)], rpl2 [complement(27675..28065)], rpl2 [57486..57876], rpl2 [58459..58889]	rps19 [59191..0]
3068.	RHPA	2	rps12 [complement(71949..72062)], rps12 [148043..148068]	-
3069.	RHPI	58	rps12 [complement(90091..90119)], rps12 [complement(90660..90891)], rps12 [complement(69608..69721)], trnK-UUU [complement(1370..1402)], trnK-UUU [complement(3925..3962)], rps16 [complement(4442..4659)], rps16 [complement(5488..5527)], trnG-UCC [complement(13064..13111)], trnG-UCC [complement(13785..13807)], atpF [34694..34852], atpF [35683..36090], ycf3 [complement(43886..44044)], ycf3 [complement(44769..44996)], ycf3 [complement(45735..45866)], trnL-UAA [48574..48608], trnL-UAA [49148..49197], trnV-UAC [complement(52832..52868)], trnV-UAC [complement(53465..53503)], rps12 [128223..128454], rps12 [128995..129023], rpl16 [complement(79942..80346)], rpl16 [complement(81378..81386)], rpl2 [complement(83384..83815)], rpl2 [complement(84475..84867)], ndhB [complement(87018..87773)], ndhB [complement(88486..89262)], trnI-GAU [94732..94773], trnI-GAU [95721..95755], trnA-UGC [95822..95859], trnA-UGC [96671..96705], ndhA [complement(112918..113457)], ndhA [complement(114503..115051)], trnA-UGC [complement(122409..122443)], trnA-UGC [complement(123255..123293)], trnI-GAU [complement(123359..123393)], trnI-GAU [complement(124341..124382)], ndhB [129852..130628], ndhB [131341..132096], rpl2 [134247..134639], rpl2 [135299..135730]	trnK-UUU [complement(1403..3924)], rps16 [complement(4660..5487)], trnG-UCC [complement(13112..13784)], atpF [34853..35682], ycf3 [complement(44045..44768)], ycf3 [complement(44997..45734)], trnL-UAA [48609..49147], trnV-UAC [complement(52869..53464)], rpl16 [complement(80347..81377)], rpl2 [complement(83816..84474)], ndhB [complement(87774..88485)], trnI-GAU [94774..95720], trnA-UGC [95860..96670], ndhA [complement(113458..114502)], trnA-UGC [complement(122444..123254)], trnI-GAU [complement(123394..124340)], ndhB [130629..131340], rpl2 [134640..135298]
3070.	RHRO	69	rps12 [complement(96521..96547)], rps12 [complement(97085..97315)], rps12 [complement(68318..68431)], trnK-UUU [complement(1637..1671)], trnK-UUU [complement(4134..4170)], rps16 [complement(4467..4715)], rps16 [complement(5508..5549)], atpF [complement(11785..12194)], atpF [complement(12911..13055)], rpoC1 [complement(20582..22207)], rpoC1 [complement(22945..23379)], ycf3 [complement(42712..42864)], ycf3 [complement(43589..43816)], ycf3 [complement(44521..44649)], trnL-UAA	trnK-UUU [complement(1672..4133)], rps16 [complement(4716..5507)], atpF [complement(12195..12910)], rpoC1 [complement(22208..22944)], ycf3 [complement(42865..43588)], ycf3 [complement(43817..44520)], trnL-UAA [46671..47179], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[46634..46670], trnL-UAA [47180..47229], trnV-UAC [complement(50623..50659)], trnV-UAC [complement(51217..51254)], rps12 [136750..136980], rps12 [137518..137544], clpP [complement(68585..68812)], clpP [complement(69363..69653)], clpP [complement(70529..70597)], petB [73473..73478], petB [74287..74934], petD [75129..75137], petD [75862..76335], rpl16 [complement(79777..80175)], rpl16 [complement(81199..81207)], rpl2 [complement(82881..83314)], rpl2 [complement(83977..84367)], ndhB [complement(93468..94223)], ndhB [complement(94902..95678)], trnI-GAU [100620..100662], trnI-GAU [101601..101635], trnA-UGC [101704..101741], trnA-UGC [102579..102613], ndhA [complement(117322..117855)], ndhA [complement(118951..119502)], trnA-UGC [complement(131452..131486)], trnA-UGC [complement(132324..132361)], trnI-GAU [complement(132430..132464)], trnI-GAU [complement(133403..133445)], ndhB [138387..139163], ndhB [139842..140597], rpl2 [149698..150088], rpl2 [150751..151184]	[complement(50660..51216)], clpP [complement(68813..69362)], clpP [complement(69654..70528)], petB [73479..74286], petD [75138..75861], rpl16 [complement(80176..81198)], rpl2 [complement(83315..83976)], ndhB [complement(94224..94901)], trnI-GAU [100663..101600], trnA-UGC [101742..102578], ndhA [complement(117856..118950)], trnA-UGC [complement(131487..132323)], trnI-GAU [complement(132465..133402)], ndhB [139164..139841], rpl2 [150089..150750]
3071.	RHST	2	rps12 [141647..141672]	trnK-UUU [complement(2010..4474)]
3072.	RHSU	37	trnK-UUU [1381..1415], trnK-UUU [3882..3918], trnG-UCC [complement(13072..13119)], trnG-UCC [complement(13933..13955)], trnL-UAA [47500..47534], trnL-UAA [48079..48128], trnV-UAC [complement(51550..51586)], trnV-UAC [complement(52183..52221)], rps12 [128351..128379], trnI-GAU [94579..94615], trnI-GAU [95566..95600], trnA-UGC [95666..95703], trnA-UGC [96516..96549], trnA-UGC [complement(121784..121818)], trnA-UGC [complement(122630..122667)], trnI-GAU [complement(122733..122767)], trnI-GAU [complement(123718..123754)]	trnK-UUU [1416..3881], rps16 [complement(4700..5517)], trnG-UCC [complement(13120..13932)], atpF [34039..34869], ycf3 [complement(43222..43941)], ycf3 [complement(44170..44909)], trnL-UAA [47535..48078], trnV-UAC [complement(51587..52182)], petB [72742..73556], petD [74391..75143], rpl16 [complement(79579..80624)], rpl2 [complement(83045..83707)], ndhB [complement(87637..88348)], trnI-GAU [94616..95565], trnA-UGC [95704..96515], ndhA [complement(112916..113911)], trnA-UGC [complement(121819..122629)], trnI-GAU [complement(122768..123717)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[129985..130696], rpl2 [134626..135288]
3073.	RHSY	7	rps12 [complement(77502..77615)], trnV-UAC [complement(57871..57907)], trnV-UAC [complement(58510..58548)], rps12 [complement(77502..77615)], rps12 [151237..151262]	trnV-UAC [complement(57908..58509)], ndhA [complement(130041..131117)]
3074.	RHTO	72	rps12 [complement(99946..99971)], rps12 [complement(100518..100749)], rps12 [complement(71874..71987)], trnK-UUU [complement(1777..1811)], trnK-UUU [complement(4281..4317)], rps16 [complement(4861..5072)], rps16 [complement(5933..5972)], trnG-UCC [9312..9334], trnG-UCC [10069..10116], atpF [complement(12258..12668)], atpF [complement(13408..13551)], rpoC1 [complement(21608..23226)], rpoC1 [complement(23960..24410)], ycf3 [complement(44094..44248)], ycf3 [complement(44972..45197)], ycf3 [complement(45952..46077)], trnL-UAA [49200..49234], trnL-UAA [49740..49789], trnV-UAC [complement(52977..53013)], trnV-UAC [complement(53601..53637)], rps12 [141679..141910], rps12 [142457..142482], clpP [complement(72153..72380)], clpP [complement(73018..73308)], clpP [complement(74161..74229)], petB [77022..77027], petB [77806..78447], petD [78640..78646], petD [79397..79869], rpl16 [complement(83349..83747)], rpl16 [complement(84736..84744)], rpl2 [complement(86373..86806)], rpl2 [complement(87471..87861)], ndhB [complement(96886..97641)], ndhB [complement(98323..99099)], trnI-GAU [104285..104321], trnI-GAU [105271..105305], trnA-UGC [105370..105407], trnA-UGC [106211..106245], ndhA [complement(121753..122292)], ndhA [complement(123351..123902)], trnA-UGC [complement(136183..136217)], trnA-UGC [complement(137021..137058)], trnI-GAU [complement(137123..137157)], trnI-GAU [complement(138107..138143)], ndhB [143329..144105], ndhB [144787..145542], rpl2 [154567..154957], rpl2 [155622..156055]	trnK-UUU [complement(1812..4280)], rps16 [complement(5073..5932)], trnG-UCC [9335..10068], atpF [complement(12669..13407)], rpoC1 [complement(23227..23959)], ycf3 [complement(44249..44971)], ycf3 [complement(45198..45951)], trnL-UAA [49235..49739], trnV-UAC [complement(53014..53600)], clpP [complement(72381..73017)], clpP [complement(73309..74160)], petB [77028..77805], petD [78647..79396], rpl16 [complement(83748..84735)], rpl2 [complement(86807..87470)], ndhB [complement(97642..98322)], trnI-GAU [104322..105270], trnA-UGC [105408..106210], ndhA [complement(122293..123350)], trnA-UGC [complement(136218..137020)], trnI-GAU [complement(137158..138106)], ndhB [144106..144786], rpl2 [154958..155621]
3075.	RHVI	49	rps12 [complement(97865..97890)], rps12 [complement(98433..98664)], rps12 [complement(70111..70224)], trnK [complement(1624..1658)], trnK [complement(4197..4233)], rps16 [complement(4660..4877)], rps16 [complement(5642..5681)], trnG [8694..8716], trnG [9468..9516], atpF [complement(11782..12191)], atpF [complement(12998..13142)], rpoC1	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21204..22820)], rpoC1 [complement(23559..23990)], ycf3 [complement(43481..43633)], ycf3 [complement(44418..44645)], ycf3 [complement(45383..45508)], trnL [48327..48361], trnL [48895..48944], trnV [complement(52603..52637)], trnV [complement(53224..53262)], rps12 [140431..140662], rps12 [141205..141230], clpP [complement(70408..70635)], clpP [complement(71287..71578)], clpP [complement(72306..72376)], petB [75259..75264], petB [76027..76668], petD [76863..76870], petD [77681..78155], rpl16 [complement(81434..81832)], rpl16 [complement(82842..82850)], rpl2 [complement(84597..85031)], rpl2 [complement(85685..86074)], ndhB [complement(94809..95564)], ndhB [complement(96245..97024)], trnI [102637..102673], trnI [103524..103558], trnA [103619..103656], trnA [104458..104492], ndhA [complement(120343..120881)], ndhA [complement(121894..122446)], trnA [complement(134603..134637)], trnA [complement(135439..135476)], trnI [complement(135537..135571)], trnI [complement(136422..136458)], ndhB [142071..142850], ndhB [143531..144286], rpl2 [153021..153410], rpl2 [154064..154498]	
3076.	RHWI	1	rps12 [145652..145677]	-
3077.	RIAU	65	trnK [complement(1678..1713)], trnK [complement(4308..4344)], trnT [8400..8433], trnT [9163..9205], atpF [complement(11151..11560)], atpF [complement(12304..12448)], rpoC1 [complement(19924..21534)], rpoC1 [complement(22339..22770)], ycf3 [complement(42249..42401)], ycf3 [complement(43183..43410)], trnL [46832..46866], trnL [47192..47241], trnV [complement(50729..50763)], trnV [complement(51362..51400)], rps12 [complement(68875..68988)], rps12 [140145..140376], rps12 [140915..140940], clpP [complement(69173..69400)], clpP [complement(69980..70271)], clpP [complement(71227..71297)], petB [74255..74260], petB [75022..75663], petD [75871..75878], petD [76594..77068], rpl16 [complement(80561..80959)], rpl16 [complement(82057..82065)], rpl2 [complement(83756..84190)], rpl2 [complement(84873..85262)], ndhB [complement(94367..95128)], ndhB [complement(95807..96214)], trnE [102180..102211], trnE [103159..103198],	trnK [complement(1714..4307)], trnT [8434..9162], atpF [complement(11561..12303)], rpoC1 [complement(21535..22338)], ycf3 [complement(42402..43182)], trnL [46867..47191], trnV [complement(50764..51361)], clpP [complement(69401..69979)], clpP [complement(70272..71226)], petB [74261..75021], petD [75879..76593], rpl16 [complement(80960..82056)], rpl2 [complement(84191..84872)], ndhB [complement(95129..95806)], trnE [102212..103158], trnA [103306..104096],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [103269..103305], trnA [104097..104132], ndhA [complement(119785..120314)], ndhA [complement(121446..121998)], trnA [complement(134226..134261)], trnA [complement(135053..135089)], trnE [complement(135160..135199)], trnE [complement(136147..136178)], ndhB [142144..142551], ndhB [143230..143991], rpl2 [153096..153485], rpl2 [154168..154602]	ndhA [complement(120315..121445)], trnA [complement(134262..135052)], trnE [complement(135200..136146)], ndhB [142552..143229], rpl2 [153486..154167]
3078.	RICA	65	trnK [complement(1703..1738)], trnK [complement(4280..4316)], trnT [8452..8485], trnT [9210..9252], atpF [complement(11173..11582)], atpF [complement(12312..12456)], rpoC1 [complement(19911..21521)], rpoC1 [complement(22310..22741)], ycf3 [complement(42111..42263)], ycf3 [complement(43055..43282)], trnL [46656..46690], trnL [47011..47060], trnV [complement(50445..50479)], trnV [complement(51089..51127)], rps12 [complement(68801..68914)], rps12 [139735..139966], rps12 [140504..140529], clpP [complement(69100..69327)], clpP [complement(69899..70190)], clpP [complement(71099..71169)], petB [74124..74129], petB [74918..75559], petD [75757..75764], petD [76493..76967], rpl16 [complement(80462..80860)], rpl16 [complement(81937..81945)], rpl2 [complement(83631..84065)], rpl2 [complement(84748..85137)], ndhB [complement(94219..94980)], ndhB [complement(95660..96067)], trnE [101959..101990], trnE [102938..102977], trnA [103042..103078], trnA [103879..103914], ndhA [complement(119506..120035)], ndhA [complement(121106..121664)], trnA [complement(133879..133914)], trnA [complement(134715..134751)], trnE [complement(134816..134855)], trnE [complement(135803..135834)], ndhB [141726..142133], ndhB [142813..143574], rpl2 [152656..153045], rpl2 [153728..154162]	trnK [complement(1739..4279)], trnT [8486..9209], atpF [complement(11583..12311)], rpoC1 [complement(21522..22309)], ycf3 [complement(42264..43054)], trnL [46691..47010], trnV [complement(50480..51088)], clpP [complement(69328..69898)], clpP [complement(70191..71098)], petB [74130..74917], petD [75765..76492], rpl16 [complement(80861..81936)], rpl2 [complement(84066..84747)], ndhB [complement(94981..95659)], trnE [101991..102937], trnA [103079..103878], ndhA [complement(120036..121105)], trnA [complement(133915..134714)], trnE [complement(134856..135802)], ndhB [142134..142812], rpl2 [153046..153727]
3079.	RICO	58	rps12 [complement(104781..105023)], rps12 [complement(74989..75099)], trnK-UUU [2069..2097], trnK-UUU [4663..4699], trnG-GCC [9368..9390], trnG-GCC [10083..10130], atpF [complement(12926..13396)], atpF [complement(14113..14256)], rpoC1 [complement(22374..23903)], rpoC1 [complement(24750..25184)], ycf3 [complement(46923..47075)], ycf3 [complement(47735..47962)], ycf3 [complement(48696..48824)], trnL-UAA	trnK-UUU [2098..4662], trnG-GCC [9391..10082], atpF [complement(13397..14112)], rpoC1 [complement(23904..24749)], ycf3 [complement(47076..47734)], ycf3 [complement(47963..48695)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[51117..51153], trnL-UAA [51681..51730], trnV-UAC [55055..55091], trnV-UAC [55679..55717], rps12 [147790..148032], clpP [complement(75314..75541)], clpP [complement(76193..76483)], clpP [complement(77380..77448)], rpl2 [complement(90498..90968)], rpl2 [complement(91598..91999)], ndhB [complement(101168..101923)], ndhB [complement(102606..103382)], trnI-GAU [109009..109050], trnI-GAU [109999..110033], trnA-UGC [110098..110135], trnA-UGC [110929..110963], ndhA [complement(127416..127955)], ndhA [complement(129120..129671)], trnA-UGC [141850..141884], trnA-UGC [142678..142715], trnI-GAU [142780..142814], trnI-GAU [143763..143804], ndhB [149431..150207], ndhB [150890..151645], rpl2 [160814..161215], rpl2 [161845..162315]	[51154..51680], trnV-UAC [55092..55678], clpP [complement(75542..76192)], clpP [complement(76484..77379)], rpl2 [complement(90969..91597)], ndhB [complement(101924..102605)], trnI-GAU [109051..109998], trnA-UGC [110136..110928], ndhA [complement(127956..129119)], trnA-UGC [141885..142677], trnI-GAU [142815..143762], ndhB [150208..150889], rpl2 [161216..161844]
3080.	RICR	65	trnK [complement(1675..1710)], trnK [complement(4277..4313)], trnT [8448..8481], trnT [9207..9249], atpF [complement(11168..11577)], atpF [complement(12306..12450)], rpoC1 [complement(19910..21520)], rpoC1 [complement(22311..22742)], ycf3 [complement(42091..42243)], ycf3 [complement(43036..43263)], trnL [46873..46907], trnL [47228..47277], trnV [complement(50703..50737)], trnV [complement(51329..51367)], rps12 [complement(68600..68713)], rps12 [139588..139819], rps12 [140357..140382], clpP [complement(68910..69137)], clpP [complement(69719..70010)], clpP [complement(70929..70999)], petB [73949..73954], petB [74747..75388], petD [75586..75593], petD [76322..76796], rpl16 [complement(80263..80661)], rpl16 [complement(81748..81756)], rpl2 [complement(83442..83876)], rpl2 [complement(84559..84948)], ndhB [complement(94030..94791)], ndhB [complement(95471..95878)], trnE [101776..101807], trnE [102755..102794], trnA [102859..102895], trnA [103696..103731], ndhA [complement(119340..119869)], ndhA [complement(120966..121524)], trnA [complement(133733..133768)], trnA [complement(134569..134605)], trnE [complement(134670..134709)], trnE [complement(135657..135688)], ndhB [141586..141993], ndhB [142673..143434], rpl2 [152516..152905], rpl2 [153588..154022]	trnK [complement(1711..4276)], trnT [8482..9206], atpF [complement(11578..12305)], rpoC1 [complement(21521..22310)], ycf3 [complement(42244..43035)], trnL [46908..47227], trnV [complement(50738..51328)], clpP [complement(69138..69718)], clpP [complement(70011..70928)], petB [73955..74746], petD [75594..76321], rpl16 [complement(80662..81747)], rpl2 [complement(83877..84558)], ndhB [complement(94792..95470)], trnE [101808..102754], trnA [102896..103695], ndhA [complement(119870..120965)], trnA [complement(133769..134568)], trnE [complement(134710..135656)], ndhB [141994..142672], rpl2 [152906..153587]
3081.	RIDA	65	trnK [complement(1669..1704)], trnK [complement(4262..4298)], trnT	trnK [complement(1705..4261)], trnT

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[8390..8423], trnT [9155..9197], atpF [complement(11115..11524)], atpF [complement(12276..12420)], rpoC1 [complement(19883..21493)], rpoC1 [complement(22284..22715)], ycf3 [complement(42157..42309)], ycf3 [complement(43107..43334)], trnL [46658..46692], trnL [47012..47061], trnV [complement(50506..50540)], trnV [complement(51144..51182)], rps12 [complement(68891..69004)], rps12 [139769..140000], rps12 [140538..140563], clpP [complement(69190..69417)], clpP [complement(70003..70294)], clpP [complement(71210..71280)], petB [74242..74247], petB [75039..75680], petD [75878..75885], petD [76603..77077], rpl16 [complement(80587..80985)], rpl16 [complement(82086..82094)], rpl2 [complement(83786..84220)], rpl2 [complement(84903..85292)], ndhB [complement(94377..95138)], ndhB [complement(95818..96225)], trnE [102121..102152], trnE [103100..103139], trnA [103204..103240], trnA [104041..104076], ndhA [complement(119567..120096)], ndhA [complement(121202..121760)], trnA [complement(133924..133959)], trnA [complement(134760..134796)], trnE [complement(134861..134900)], trnE [complement(135848..135879)], ndhB [141775..142182], ndhB [142862..143623], rpl2 [152708..153097], rpl2 [153780..154214]	[8424..9154], atpF [complement(11525..12275)], rpoC1 [complement(21494..22283)], ycf3 [complement(42310..43106)], trnL [46693..47011], trnV [complement(50541..51143)], clpP [complement(69418..70002)], clpP [complement(70295..71209)], petB [74248..75038], petD [75886..76602], rpl16 [complement(80986..82085)], rpl2 [complement(84221..84902)], ndhB [complement(95139..95817)], trnE [102153..103099], trnA [103241..104040], ndhA [complement(120097..121201)], trnA [complement(133960..134759)], trnE [complement(134901..135847)], ndhB [142183..142861], rpl2 [153098..153779]
3082.	RIHU	66	rps12 [complement(98513..98538)], rps12 [complement(99080..99311)], rps12 [complement(70894..71007)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4360..4396)], rps16 [complement(4951..5152)], rps16 [complement(6019..6059)], trnG-UCC [8752..8774], trnG-UCC [9489..9536], atpF [complement(11492..11901)], atpF [complement(12674..12818)], rpoC1 [complement(20455..22065)], rpoC1 [complement(22885..23316)], ycf3 [complement(43017..43169)], ycf3 [complement(43941..44168)], ycf3 [complement(44962..45087)], trnL-UAA [48179..48215], trnL-UAA [48603..48652], trnV-UAC [complement(52204..52238)], trnV-UAC [complement(52848..52886)], rps12 [141344..141575], rps12 [142117..142142], clpP [complement(71158..71385)], clpP [complement(72017..72308)], clpP [complement(73225..73295)], petB [76271..76276], petB [77031..77672], petD [77893..77900], petD	trnK-UUU [complement(1844..4359)], rps16 [complement(5153..6018)], trnG-UCC [8775..9488], atpF [complement(11902..12673)], rpoC1 [complement(22066..22884)], ycf3 [complement(43170..43940)], ycf3 [complement(44169..44961)], trnL-UAA [48216..48602], trnV-UAC [complement(52239..52847)], clpP [complement(71386..72016)], clpP [complement(72309..73224)], petB [76277..77030], petD [77901..78611], rpl16 [complement(82949..83973)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78612..79086], rpl16 [complement(82550..82948)], rpl16 [complement(83974..83982)], ndhB [complement(95477..96232)], ndhB [complement(96901..97677)], trnI-GAU [102923..102959], trnI-GAU [103903..103937], trnA-UGC [104002..104039], trnA-UGC [104862..104896], ndhA [complement(121177..121715)], ndhA [complement(122764..123316)], trnA-UGC [complement(135759..135793)], trnA-UGC [complement(136616..136653)], trnI-GAU [complement(136718..136752)], trnI-GAU [complement(137696..137732)], ndhB [142978..143754], ndhB [144423..145178]	[complement(96233..96900)], trnI-GAU [102960..103902], trnA-UGC [104040..104861], ndhA [complement(121716..122763)], trnA-UGC [complement(135794..136615)], trnI-GAU [complement(136753..137695)], ndhB [143755..144422]
3083.	RIIS	65	trnK [complement(1610..1645)], trnK [complement(4201..4237)], trnT [8480..8513], trnT [9239..9281], atpF [complement(11193..11602)], atpF [complement(12353..12497)], rpoC1 [complement(19895..21505)], rpoC1 [complement(22298..22729)], ycf3 [complement(42115..42267)], ycf3 [complement(43046..43273)], trnL [46642..46676], trnL [47005..47054], trnV [complement(50455..50489)], trnV [complement(51087..51125)], rps12 [complement(68359..68472)], rps12 [139162..139393], rps12 [139931..139956], clpP [complement(68657..68884)], clpP [complement(69461..69752)], clpP [complement(70663..70733)], petB [73709..73714], petB [74514..75155], petD [75353..75360], petD [76081..76555], rpl16 [complement(80038..80436)], rpl16 [complement(81534..81542)], rpl2 [complement(83218..83652)], rpl2 [complement(84335..84724)], ndhB [complement(93801..94562)], ndhB [complement(95242..95649)], trnE [101545..101576], trnE [102517..102556], trnA [102621..102657], trnA [103458..103493], ndhA [complement(118999..119528)], ndhA [complement(120610..121168)], trnA [complement(133317..133352)], trnA [complement(134153..134189)], trnE [complement(134254..134293)], trnE [complement(135234..135265)], ndhB [141161..141568], ndhB [142248..143009], rpl2 [152086..152475], rpl2 [153158..153592]	trnK [complement(1646..4200)], trnT [8514..9238], atpF [complement(11603..12352)], rpoC1 [complement(21506..22297)], ycf3 [complement(42268..43045)], trnL [46677..47004], trnV [complement(50490..51086)], clpP [complement(68885..69460)], clpP [complement(69753..70662)], petB [73715..74513], petD [75361..76080], rpl16 [complement(80437..81533)], rpl2 [complement(83653..84334)], ndhB [complement(94563..95241)], trnE [101577..102516], trnA [102658..103457], ndhA [complement(119529..120609)], trnA [complement(133353..134152)], trnE [complement(134294..135233)], ndhB [141569..142247], rpl2 [152476..153157]
3084.	RILU	65	trnK [complement(1676..1711)], trnK [complement(4280..4316)], trnT [8339..8372], trnT [9097..9139], atpF [complement(11067..11476)], atpF [complement(12208..12352)], rpoC1 [complement(19807..21417)], rpoC1	trnK [complement(1712..4279)], trnT [8373..9096], atpF [complement(11477..12207)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(22205..22636)], ycf3 [complement(42067..42219)], ycf3 [complement(43049..43276)], trnL [46645..46679], trnL [47000..47049], trnV [complement(50486..50520)], trnV [complement(51119..51157)], rps12 [complement(68827..68940)], rps12 [139650..139881], rps12 [140419..140444], clpP [complement(69127..69354)], clpP [complement(69932..70223)], clpP [complement(71143..71213)], petB [74175..74180], petB [74972..75613], petD [75810..75817], petD [76525..76999], rpl16 [complement(80501..80899)], rpl16 [complement(82002..82010)], rpl2 [complement(83695..84129)], rpl2 [complement(84812..85201)], ndhB [complement(94277..95038)], ndhB [complement(95718..96125)], trnE [102019..102050], trnE [102998..103037], trnA [103102..103138], trnA [103939..103974], ndhA [complement(119465..119994)], ndhA [complement(121052..121610)], trnA [complement(133799..133834)], trnA [complement(134635..134671)], trnE [complement(134736..134775)], trnE [complement(135723..135754)], ndhB [141648..142055], ndhB [142735..143496], rpl2 [152572..152961], rpl2 [153644..154078]	[complement(21418..22204)], ycf3 [complement(42220..43048)], trnL [46680..46999], trnV [complement(50521..51118)], clpP [complement(69355..69931)], clpP [complement(70224..71142)], petB [74181..74971], petD [75818..76524], rpl16 [complement(80900..82001)], rpl2 [complement(84130..84811)], ndhB [complement(95039..95717)], trnE [102051..102997], trnA [103139..103938], ndhA [complement(119995..121051)], trnA [complement(133835..134634)], trnE [complement(134776..135722)], ndhB [142056..142734], rpl2 [152962..153643]
3085.	ROBA	69	rps12 [complement(99374..99399)], rps12 [complement(99936..100167)], rps12 [complement(71041..71154)], trnK-UUU [complement(1731..1765)], trnK-UUU [complement(4264..4300)], rps16 [complement(5267..5494)], rps16 [complement(6363..6401)], trnG-GCC [9124..9146], trnG-GCC [9841..9888], rpoC1 [complement(20714..22333)], rpoC1 [complement(23091..23525)], ycf3 [complement(43271..43423)], ycf3 [complement(44211..44438)], ycf3 [complement(45174..45299)], trnL-UAA [48759..48795], trnL-UAA [49344..49393], trnV-UAC [complement(52898..52934)], trnV-UAC [complement(53531..53569)], rps12 [142201..142432], rps12 [142969..142994], clpP [complement(71347..71574)], clpP [complement(72222..72512)], clpP [complement(73349..73417)], petB [76354..76359], petB [77135..77791], petD [77985..77993], petD [78714..79187], rpl16 [complement(82698..83099)], rpl16 [complement(84072..84080)], rpl2 [complement(85824..86257)], rpl2 [complement(86939..87329)], ndhB [complement(96332..97087)], ndhB	trnK-UUU [complement(1766..4263)], rps16 [complement(5495..6362)], trnG-GCC [9147..9840], rpoC1 [complement(22334..23090)], ycf3 [complement(43424..44210)], ycf3 [complement(44439..45173)], trnL-UAA [48796..49343], trnV-UAC [complement(52935..53530)], clpP [complement(71575..72221)], clpP [complement(72513..73348)], petB [76360..77134], petD [77994..78713], rpl16 [complement(83100..84071)], rpl2 [complement(86258..86938)], ndhB [complement(97088..97763)], trnI-GAU [104021..104969], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97764..98540)], trnI-GAU [103979..104020], trnI-GAU [104970..105004], trnA-UGC [105069..105106], trnA-UGC [105919..105953], ndhA [complement(121693..122232)], ndhA [complement(123449..124000)], trnA-UGC [complement(136415..136449)], trnA-UGC [complement(137262..137299)], trnI-GAU [complement(137364..137398)], trnI-GAU [complement(138348..138389)], ndhB [143828..144603], ndhB [145280..146036], rpl2 [155039..155429], rpl2 [156111..156544]	[105107..105918], ndhA [complement(122233..123448)], trnA-UGC [complement(136450..137261)], trnI-GAU [complement(137399..138347)], ndhB [144604..145279], rpl2 [155430..156110]
3086.	ROBE	69	rps12 [complement(99659..99684)], rps12 [complement(100221..100452)], rps12 [complement(71312..71425)], trnK-UUU [complement(1693..1727)], trnK-UUU [complement(4221..4257)], rps16 [complement(5026..5253)], rps16 [complement(6114..6155)], trnG-GCC [8897..8919], trnG-GCC [9613..9660], rpoC1 [complement(20489..22099)], rpoC1 [complement(22860..23294)], ycf3 [complement(43506..43658)], ycf3 [complement(44421..44648)], ycf3 [complement(45394..45519)], trnL-UAA [48979..49015], trnL-UAA [49562..49611], trnV-UAC [complement(53160..53196)], trnV-UAC [complement(53793..53831)], rps12 [142480..142711], rps12 [143248..143273], clpP [complement(71602..71829)], clpP [complement(72477..72767)], clpP [complement(73589..73657)], petB [76600..76605], petB [77399..78040], petD [78235..78243], petD [78964..79437], rpl16 [complement(82991..83389)], rpl16 [complement(84345..84353)], rpl2 [complement(86111..86544)], rpl2 [complement(87226..87616)], ndhB [complement(96617..97372)], ndhB [complement(98049..98825)], trnI-GAU [104270..104311], trnI-GAU [105261..105295], trnA-UGC [105360..105397], trnA-UGC [106210..106244], ndhA [complement(121989..122528)], ndhA [complement(123741..124292)], trnA-UGC [complement(136688..136722)], trnA-UGC [complement(137535..137572)], trnI-GAU [complement(137637..137671)], trnI-GAU [complement(138621..138662)], ndhB [144107..144882], ndhB [145559..146315], rpl2 [155316..155706], rpl2 [156388..156821]	trnK-UUU [complement(1728..4220)], rps16 [complement(5254..6113)], trnG-GCC [8920..9612], rpoC1 [complement(22100..22859)], ycf3 [complement(43659..44420)], ycf3 [complement(44649..45393)], trnL-UAA [49016..49561], trnV-UAC [complement(53197..53792)], clpP [complement(71830..72476)], clpP [complement(72768..73588)], petB [76606..77398], petD [78244..78963], rpl16 [complement(83390..84344)], rpl2 [complement(86545..87225)], ndhB [complement(97373..98048)], trnI-GAU [104312..105260], trnA-UGC [105398..106209], ndhA [complement(122529..123740)], trnA-UGC [complement(136723..137534)], trnI-GAU [complement(137672..138620)], ndhB [144883..145558], rpl2 [155707..156387]
3087.	ROCH	71	rps12 [complement(99430..99455)], rps12 [complement(99992..100223)], rps12 [complement(71057..71170)], rpl2 [155116..155506], rpl2 [156188..156590], rpl2 [1..31], trnK-UUU [complement(1776..1810)], trnK-	rpl2 [155507..156187], rpl2 [156591..0], trnK-UUU [complement(1811..4308)], rps16 [complement(5377..6250)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UUU [complement(4309..4345)], rps16 [complement(5149..5376)], rps16 [complement(6251..6292)], trnG-GCC [9066..9088], trnG-GCC [9784..9831], rpoC1 [complement(20672..22282)], rpoC1 [complement(23047..23481)], ycf3 [complement(43222..43374)], ycf3 [complement(44141..44368)], ycf3 [complement(45110..45235)], trnL-UAA [48749..48785], trnL-UAA [49330..49379], trnV-UAC [complement(52876..52912)], trnV-UAC [complement(53509..53547)], rps12 [142278..142509], rps12 [143046..143071], clpP [complement(71372..71599)], clpP [complement(72248..72538)], clpP [complement(73379..73447)], petB [76384..76389], petB [77178..77819], petD [78013..78021], petD [78742..79215], rpl16 [complement(82737..83135)], rpl16 [complement(84112..84120)], rpl2 [complement(85880..86313)], rpl2 [complement(86995..87385)], ndhB [complement(96388..97143)], ndhB [complement(97820..98596)], trnI-GAU [104053..104094], trnI-GAU [105044..105078], trnA-UGC [105143..105180], trnA-UGC [105993..106027], ndhA [complement(121754..122293)], ndhA [complement(123511..124062)], trnA-UGC [complement(136474..136508)], trnA-UGC [complement(137321..137358)], trnI-GAU [complement(137423..137457)], trnI-GAU [complement(138407..138448)], ndhB [143905..144680], ndhB [145357..146113]	[9089..9783], rpoC1 [complement(22283..23046)], ycf3 [complement(43375..44140)], ycf3 [complement(44369..45109)], trnL-UAA [48786..49329], trnV-UAC [complement(52913..53508)], clpP [complement(71600..72247)], clpP [complement(72539..73378)], petB [76390..77177], petD [78022..78741], rpl16 [complement(83136..84111)], rpl2 [complement(86314..86994)], ndhB [complement(97144..97819)], trnI-GAU [104095..105043], trnA-UGC [105181..105992], ndhA [complement(122294..123510)], trnA-UGC [complement(136509..137320)], trnI-GAU [complement(137458..138406)], ndhB [144681..145356]
3088.	ROCO	64	rps12 [complement(92237..92265)], rps12 [complement(92806..93037)], rps12 [complement(69172..69285)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3908..3945)], rps16 [complement(4495..4712)], rps16 [complement(5531..5570)], trnG-UCC [complement(13552..13599)], trnG-UCC [complement(14289..14311)], atpF [34865..35023], atpF [35836..36243], ycf3 [complement(44021..44179)], ycf3 [complement(44906..45133)], ycf3 [complement(45904..46035)], trnL-UAA [48792..48826], trnL-UAA [49278..49327], trnV-UAC [complement(52955..52991)], trnV-UAC [complement(53594..53632)], rps12 [129598..129829], rps12 [130370..130398], petB [73019..73024], petB [73789..74436], petD [74619..74626], petD [75366..75840], rpl16 [complement(79409..79810)], rpl16 [complement(80900..80908)], rpl2 [complement(82876..83307)], rpl2	trnK-UUU [complement(1412..3907)], rps16 [complement(4713..5530)], trnG-UCC [complement(13600..14288)], atpF [35024..35835], ycf3 [complement(44180..44905)], ycf3 [complement(45134..45903)], trnL-UAA [48827..49277], trnV-UAC [complement(52992..53593)], petB [73025..73788], petD [74627..75365], rpl16 [complement(79811..80899)], rpl2 [complement(83308..83970)], ndhB [complement(89922..90630)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(83971..84360)], ndhB [complement(89166..89921)], ndhB [complement(90631..91407)], trnI-GAU [96890..96931], trnI-GAU [97878..97912], trnA-UGC [97978..98015], trnA-UGC [98826..98860], ndhA [complement(114303..114842)], ndhA [complement(115862..116410)], trnA-UGC [complement(123775..123809)], trnA-UGC [complement(124620..124657)], trnI-GAU [complement(124723..124757)], trnI-GAU [complement(125704..125745)], ndhB [131228..132004], ndhB [132714..133469], rpl2 [138275..138664], rpl2 [139328..139759]	[96932..97877], trnA-UGC [98016..98825], ndhA [complement(114843..115861)], trnA-UGC [complement(123810..124619)], trnI-GAU [complement(124758..125703)], ndhB [132005..132713], rpl2 [138665..139327]
3089.	ROLU	69	rps12 [complement(99235..99260)], rps12 [complement(99797..100028)], rps12 [complement(70877..70990)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4228..4264)], rps16 [complement(5064..5291)], rps16 [complement(6169..6207)], trnG-UCC [8931..8953], trnG-UCC [9650..9697], rpoC1 [complement(20546..22165)], rpoC1 [complement(22925..23359)], ycf3 [complement(43089..43241)], ycf3 [complement(44008..44235)], ycf3 [complement(44976..45101)], trnL-UAA [48596..48630], trnL-UAA [49177..49226], trnV-UAC [complement(52723..52757)], trnV-UAC [complement(53356..53394)], rps12 [142110..142341], rps12 [142878..142903], clpP [complement(71166..71393)], clpP [complement(72039..72329)], clpP [complement(73171..73239)], petB [76177..76182], petB [76962..77618], petD [77812..77820], petD [78541..79014], rpl16 [complement(82538..82936)], rpl16 [complement(83913..83921)], rpl2 [complement(85685..86119)], rpl2 [complement(86801..87190)], ndhB [complement(96193..96948)], ndhB [complement(97625..98401)], trnI-GAU [103868..103904], trnI-GAU [104859..104893], trnA-UGC [104958..104995], trnA-UGC [105808..105842], ndhA [118259..118810], ndhA [120019..120558], trnA-UGC [complement(136296..136330)], trnA-UGC [complement(137143..137180)], trnI-GAU [complement(137245..137279)], trnI-GAU [complement(138234..138270)], ndhB [143737..144513], ndhB [145190..145945], rpl2 [154948..155337], rpl2 [156019..156453]	trnK-UUU [complement(1731..4227)], rps16 [complement(5292..6168)], trnG-UCC [8954..9649], rpoC1 [complement(22166..22924)], ycf3 [complement(43242..44007)], ycf3 [complement(44236..44975)], trnL-UAA [48631..49176], trnV-UAC [complement(52758..53355)], clpP [complement(71394..72038)], clpP [complement(72330..73170)], petB [76183..76961], petD [77821..78540], rpl16 [complement(82937..83912)], rpl2 [complement(86120..86800)], ndhB [complement(96949..97624)], trnI-GAU [103905..104858], trnA-UGC [104996..105807], ndhA [118811..120018], trnA-UGC [complement(136331..137142)], trnI-GAU [complement(137280..138233)], ndhB [144514..145189], rpl2 [155338..156018]
3090.	ROM A	69	rps12 [complement(99133..99158)], rps12 [complement(99695..99926)], rps12 [complement(70775..70888)], trnK-UUU [complement(1696..1730)],	trnK-UUU [complement(1731..4227)], rps16 [complement(5293..6169)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4228..4264)], rps16 [complement(5065..5292)], rps16 [complement(6170..6208)], trnG-UCC [8932..8954], trnG-UCC [9651..9698], rpoC1 [complement(20546..22165)], rpoC1 [complement(22925..23359)], ycf3 [complement(43091..43243)], ycf3 [complement(44010..44237)], ycf3 [complement(44978..45103)], trnL-UAA [48495..48529], trnL-UAA [49076..49125], trnV-UAC [complement(52622..52656)], trnV-UAC [complement(53255..53293)], rps12 [142009..142240], rps12 [142777..142802], clpP [complement(71064..71291)], clpP [complement(71937..72227)], clpP [complement(73069..73137)], petB [76075..76080], petB [76860..77516], petD [77710..77718], petD [78439..78912], rpl16 [complement(82437..82835)], rpl16 [complement(83811..83819)], rpl2 [complement(85583..86017)], rpl2 [complement(86699..87088)], ndhB [complement(96091..96846)], ndhB [complement(97523..98299)], trnI-GAU [103766..103802], trnI-GAU [104757..104791], trnA-UGC [104856..104893], trnA-UGC [105706..105740], ndhA [118157..118708], ndhA [119917..120456], trnA-UGC [complement(136195..136229)], trnA-UGC [complement(137042..137079)], trnI-GAU [complement(137144..137178)], trnI-GAU [complement(138133..138169)], ndhB [143636..144412], ndhB [145089..145844], rpl2 [154847..155236], rpl2 [155918..156352]	[8955..9650], rpoC1 [complement(22166..22924)], ycf3 [complement(43244..44009)], ycf3 [complement(44238..44977)], trnL-UAA [48530..49075], trnV-UAC [complement(52657..53254)], clpP [complement(71292..71936)], clpP [complement(72228..73068)], petB [76081..76859], petD [77719..78438], rpl16 [complement(82836..83810)], rpl2 [complement(86018..86698)], ndhB [complement(96847..97522)], trnI-GAU [103803..104756], trnA-UGC [104894..105705], ndhA [118709..119916], trnA-UGC [complement(136230..137041)], trnI-GAU [complement(137179..138132)], ndhB [144413..145088], rpl2 [155237..155917]
3091.	ROM U	32	rps12 [complement(99337..99362)], rps12 [complement(99899..100130)], rps12 [complement(70975..71088)], trnK-UUU [complement(1707..1741)], trnK-UUU [complement(4240..4276)], trnL-UAA [48624..48660], trnL-UAA [49205..49254], trnV-UAC [complement(52770..52806)], trnV-UAC [complement(53403..53441)], rps12 [142195..142426], rps12 [142963..142988], trnA-UGC [complement(136392..136426)], trnA-UGC [complement(137239..137276)], trnI-GAU [complement(137341..137375)], trnI-GAU [complement(138325..138366)]	trnK-UUU [complement(1742..4239)], rps16 [complement(5334..6205)], rpoC1 [complement(22184..22942)], ycf3 [complement(43278..44070)], ycf3 [complement(44299..45038)], trnL-UAA [48661..49204], trnV-UAC [complement(52807..53402)], clpP [complement(71509..72153)], clpP [complement(72445..73278)], petB [76291..77069], petD [77929..78648], rpl16 [complement(83051..84014)], ndhA [complement(122187..123423)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(136427..137238)], trnI-GAU [complement(137376..138324)], ndhB [144599..145274], rpl2 [155423..156103]
3092.	ROPR	69	rps12 [complement(99940..99965)], rps12 [complement(100502..100733)], rps12 [complement(71568..71681)], trnK-UUU [complement(1707..1741)], trnK-UUU [complement(4242..4278)], rps16 [complement(5222..5449)], rps16 [complement(6322..6363)], trnG-GCC [9085..9107], trnG-GCC [9802..9849], rpoC1 [complement(20727..22337)], rpoC1 [complement(23099..23533)], ycf3 [complement(43795..43947)], ycf3 [complement(44732..44959)], ycf3 [complement(45695..45820)], trnL-UAA [49295..49331], trnL-UAA [49878..49927], trnV-UAC [complement(53442..53478)], trnV-UAC [complement(54075..54113)], rps12 [142767..142998], rps12 [143535..143560], clpP [complement(71864..72091)], clpP [complement(72738..73028)], clpP [complement(73857..73925)], petB [76863..76868], petB [77658..78299], petD [78493..78501], petD [79223..79696], rpl16 [complement(83232..83630)], rpl16 [complement(84601..84609)], rpl2 [complement(86378..86811)], rpl2 [complement(87493..87883)], ndhB [complement(96898..97653)], ndhB [complement(98330..99106)], trnI-GAU [104544..104585], trnI-GAU [105534..105568], trnA-UGC [105633..105670], trnA-UGC [106483..106517], ndhA [complement(122242..122781)], ndhA [complement(124018..124569)], trnA-UGC [complement(136983..137017)], trnA-UGC [complement(137830..137867)], trnI-GAU [complement(137932..137966)], trnI-GAU [complement(138915..138956)], ndhB [144394..145169], ndhB [145846..146602], rpl2 [155617..156007], rpl2 [156689..157122]	trnK-UUU [complement(1742..4241)], rps16 [complement(5450..6321)], trnG-GCC [9108..9801], rpoC1 [complement(22338..23098)], ycf3 [complement(43948..44731)], ycf3 [complement(44960..45694)], trnL-UAA [49332..49877], trnV-UAC [complement(53479..54074)], clpP [complement(72092..72737)], clpP [complement(73029..73856)], petB [76869..77657], petD [78502..79222], rpl16 [complement(83631..84600)], rpl2 [complement(86812..87492)], ndhB [complement(97654..98329)], trnI-GAU [104586..105533], trnA-UGC [105671..106482], ndhA [complement(122782..124017)], trnA-UGC [complement(137018..137829)], trnI-GAU [complement(137967..138914)], ndhB [145170..145845], rpl2 [156008..156688]
3093.	ROPS	64	rps12 [complement(100337..100579)], rps12 [complement(71353..71490)], trnK-UUU [complement(1878..1912)], trnK-UUU [complement(4515..4554)], trnV-UAC [10094..10132], trnV-UAC [10712..10748], trnL-UAA [complement(14039..14088)], trnL-UAA [complement(14623..14659)], trnG-GCC [17457..17479], trnG-GCC [18164..18212], atpF [complement(20484..20893)], atpF [complement(21613..21757)], rpoC1 [complement(30248..31870)], rpoC1 [complement(32645..33076)], ycf3	trnK-UUU [complement(1913..4514)], trnV-UAC [10133..10711], trnL-UAA [complement(14089..14622)], trnG-GCC [17480..18163], atpF [complement(20894..21612)], rpoC1 [complement(31871..32644)], ycf3 [complement(53264..54005)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53111..53263)], ycf3 [complement(54006..54233)], ycf3 [complement(54966..55091)], rps12 [140429..140671], clpP [complement(71679..71906)], clpP [complement(72533..72829)], clpP [complement(73625..73693)], petB [76596..76601], petB [77292..77933], petD [78137..78144], petD [78867..79341], rpl16 [complement(83131..83529)], rpl16 [complement(84621..84629)], rpl2 [complement(86236..86670)], rpl2 [complement(87353..87745)], ndhB [complement(96733..97488)], ndhB [complement(98162..98884)], trnI-GAU [104484..104525], trnI-GAU [105473..105507], trnA-UGC [105572..105609], trnA-UGC [106414..106448], ndhA [complement(120077..120616)], ndhA [complement(121844..122395)], trnA-UGC [complement(134560..134594)], trnA-UGC [complement(135399..135436)], trnI-GAU [complement(135501..135535)], trnI-GAU [complement(136483..136524)], ndhB [142124..142846], ndhB [143520..144275]	[complement(54234..54965)], clpP [complement(71907..72532)], clpP [complement(72830..73624)], petB [76602..77291], petD [78145..78866], rpl16 [complement(83530..84620)], rpl2 [complement(86671..87352)], ndhB [complement(97489..98161)], trnI-GAU [104526..105472], trnA-UGC [105610..106413], ndhA [complement(120617..121843)], trnA-UGC [complement(134595..135398)], trnI-GAU [complement(135536..136482)], ndhB [142847..143519]
3094.	RORO	66	rps12 [complement(99457..99482)], rps12 [complement(100019..100250)], rps12 [complement(71096..71209)], trnK-UUU [complement(1704..1738)], trnK-UUU [complement(4242..4278)], rps16 [complement(5247..5474)], rps16 [complement(6343..6381)], rpoC1 [complement(20683..22302)], rpoC1 [complement(23059..23493)], ycf3 [complement(43238..43390)], ycf3 [complement(44179..44406)], ycf3 [complement(45145..45270)], trnL-UAA [48741..48777], trnL-UAA [49325..49374], trnV-UAC [complement(52894..52930)], trnV-UAC [complement(53527..53565)], rps12 [142352..142583], rps12 [143120..143145], clpP [complement(71402..71629)], clpP [complement(72275..72565)], clpP [complement(73397..73465)], petB [76402..76407], petB [77189..77845], petD [78039..78047], petD [78768..79241], rpl16 [complement(82770..83171)], rpl16 [complement(84135..84143)], rpl2 [complement(85907..86341)], rpl2 [complement(87020..87412)], ndhB [complement(96415..97170)], ndhB [complement(97847..98623)], trnI-GAU [104083..104124], trnI-GAU [105074..105108], trnA-UGC [105173..105210], trnA-UGC [106024..106058], ndhA [complement(121782..122321)], ndhA [complement(123577..124128)], trnA-UGC [complement(136544..136578)], trnA-UGC	trnK-UUU [complement(1739..4241)], rps16 [complement(5475..6342)], rpoC1 [complement(22303..23058)], ycf3 [complement(43391..44178)], ycf3 [complement(44407..45144)], trnL-UAA [48778..49324], trnV-UAC [complement(52931..53526)], clpP [complement(71630..72274)], clpP [complement(72566..73396)], petB [76408..77188], petD [78048..78767], rpl16 [complement(83172..84134)], rpl2 [complement(86342..87019)], ndhB [complement(97171..97846)], trnI-GAU [104125..105073], trnA-UGC [105211..106023], ndhA [complement(122322..123576)], trnA-UGC [complement(136579..137391)], trnI-GAU [complement(137529..138477)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137392..137429)], trnI-GAU [complement(137494..137528)], trnI-GAU [complement(138478..138519)], ndhB [143979..144755], ndhB [145432..146187], rpl2 [155190..155579], rpl2 [156261..156695]	[144756..145431], rpl2 [155580..156260]
3095.	RORT	67	rps12 [complement(101728..101754)], rps12 [complement(102301..102531)], rps12 [complement(74006..74119)], trnK [complement(1742..1776)], trnK [complement(4266..4302)], rps16 [complement(5118..5341)], rps16 [complement(6201..6240)], trnG [9683..9705], trnG [10431..10479], atpF [complement(12676..13085)], atpF [complement(13852..13996)], rpoC1 [complement(22049..23656)], rpoC1 [complement(24389..24820)], ycf3 [complement(44802..44954)], ycf3 [complement(45713..45942)], ycf3 [complement(46688..46811)], trnL [50322..50358], trnL [50896..50945], trnV [complement(54986..55022)], trnV [complement(55627..55664)], rps12 [complement(74006..74119)], rps12 [143644..143874], rps12 [144421..144447], clpP [complement(74281..74508)], clpP [complement(75127..75400)], clpP [complement(76244..76314)], petB [79185..79190], petB [79967..80608], petD [80811..80818], petD [81569..82043], rpl16 [complement(85569..85967)], rpl16 [complement(86933..86941)], ndhB [complement(98660..99415)], ndhB [complement(100099..100875)], trnI [106497..106538], trnI [107489..107523], trnA [107580..107617], trnA [108421..108455], ndhA [complement(123132..123671)], ndhA [complement(124710..125261)], trnA [complement(137720..137754)], trnA [complement(138558..138595)], trnI [complement(138652..138686)], trnI [complement(139637..139678)], ndhB [145300..146076], ndhB [146760..147515]	trnK [complement(1777..4265)], rps16 [complement(5342..6200)], trnG [9706..10430], atpF [complement(13086..13851)], rpoC1 [complement(23657..24388)], ycf3 [complement(44955..45712)], ycf3 [complement(45943..46687)], trnL [50359..50895], trnV [complement(55023..55626)], clpP [complement(74509..75126)], clpP [complement(75401..76243)], petB [79191..79966], petD [80819..81568], rpl16 [complement(85968..86932)], ndhB [complement(99416..100098)], trnI [106539..107488], trnA [107618..108420], ndhA [complement(123672..124709)], trnA [complement(137755..138557)], trnI [complement(138687..139636)], ndhB [146077..146759]
3096.	RORU	71	rps12 [complement(99743..99768)], rps12 [complement(100305..100536)], rps12 [complement(71383..71496)], rpl2 [155507..155897], rpl2 [156579..156999], rpl2 [1..13], trnK-UUU [complement(1820..1854)], trnK-UUU [complement(4353..4389)], rps16 [complement(5173..5400)], rps16 [complement(6273..6314)], trnG-GCC [9037..9059], trnG-GCC [9753..9800], rpoC1 [complement(20633..22243)], rpoC1 [complement(23006..23440)], ycf3 [complement(43761..43913)], ycf3 [complement(44694..44921)], ycf3 [complement(45658..45783)], trnL-UAA [49135..49171], trnL-UAA	rpl2 [155898..156578], rpl2 [157000..0], trnK-UUU [complement(1855..4352)], rps16 [complement(5401..6272)], trnG-GCC [9060..9752], rpoC1 [complement(22244..23005)], ycf3 [complement(43914..44693)], ycf3 [complement(44922..45657)], trnL-UAA [49172..49717], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49718..49767], trnV-UAC [complement(53304..53340)], trnV-UAC [complement(53937..53975)], rps12 [142657..142888], rps12 [143425..143450], clpP [complement(71681..71908)], clpP [complement(72557..72847)], clpP [complement(73674..73742)], petB [76686..76691], petB [77482..78123], petD [78318..78326], petD [79046..79519], rpl16 [complement(83031..83429)], rpl16 [complement(84398..84406)], rpl2 [complement(86181..86614)], rpl2 [complement(87296..87686)], ndhB [complement(96701..97456)], ndhB [complement(98133..98909)], trnI-GAU [104348..104389], trnI-GAU [105339..105373], trnA-UGC [105438..105475], trnA-UGC [106289..106323], ndhA [complement(122169..122708)], ndhA [complement(123914..124465)], trnA-UGC [complement(136870..136904)], trnA-UGC [complement(137718..137755)], trnI-GAU [complement(137820..137854)], trnI-GAU [complement(138804..138845)], ndhB [144284..145059], ndhB [145736..146492]	[complement(53341..53936)], clpP [complement(71909..72556)], clpP [complement(72848..73673)], petB [76692..77481], petD [78327..79045], rpl16 [complement(83430..84397)], rpl2 [complement(86615..87295)], ndhB [complement(97457..98132)], trnI-GAU [104390..105338], trnA-UGC [105476..106288], ndhA [complement(122709..123913)], trnA-UGC [complement(136905..137717)], trnI-GAU [complement(137855..138803)], ndhB [145060..145735]
3097.	RUAC	72	rps12 [complement(99370..99395)], rps12 [complement(99923..100154)], rps12 [complement(71664..71777)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4377..4413)], rps16 [complement(5157..5383)], rps16 [complement(6286..6325)], trnG-UCC [9146..9168], trnG-UCC [9847..9895], atpF [complement(11814..12224)], atpF [complement(13017..13160)], rpoC1 [complement(20682..22310)], rpoC1 [complement(23079..23477)], ycf3 [complement(43378..43530)], ycf3 [complement(44274..44389)], ycf3 [complement(45246..45369)], trnL-UAA [48759..48793], trnL-UAA [49288..49337], trnV-UAC [complement(52553..52587)], trnV-UAC [complement(53183..53220)], rps12 [146251..146482], rps12 [147010..147035], clpP [complement(71936..72190)], clpP [complement(72827..73118)], clpP [complement(74178..74248)], petB [77163..77168], petB [77955..78596], petD [78830..78835], petD [79575..80051], rpl16 [complement(83261..83659)], rpl16 [complement(84523..84531)], rpl2 [complement(86152..86586)], rpl2 [complement(87248..87640)], ndhB [complement(96306..97061)], ndhB [complement(97741..98517)], trnI-GAU [103890..103926], trnI-GAU	trnK-UUU [complement(1809..4376)], rps16 [complement(5384..6285)], trnG-UCC [9169..9846], atpF [complement(12225..13016)], rpoC1 [complement(22311..23078)], ycf3 [complement(43531..44273)], ycf3 [complement(44390..45245)], trnL-UAA [48794..49287], trnV-UAC [complement(52588..53182)], clpP [complement(72191..72826)], clpP [complement(73119..74177)], petB [77169..77954], petD [78836..79574], rpl16 [complement(83660..84522)], rpl2 [complement(86587..87247)], ndhB [complement(97062..97740)], trnI-GAU [103927..104660], trnA-UGC [104800..105601], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104661..104695], trnA-UGC [104762..104799], trnA-UGC [105602..105636], ndhA [complement(126147..126685)], ndhA [complement(127607..128165)], trnA-UGC [complement(140769..140803)], trnA-UGC [complement(141606..141643)], trnI-GAU [complement(141710..141744)], trnI-GAU [complement(142479..142515)], ndhB [147888..148664], ndhB [149344..150099], rpl2 [158765..159157], rpl2 [159819..160253]	[complement(126686..127606)], trnA-UGC [complement(140804..141605)], trnI-GAU [complement(141745..142478)], ndhB [148665..149343], rpl2 [159158..159818]
3098.	RUAL	73	rps12 [complement(103945..103970)], rps12 [complement(104516..104747)], rps12 [complement(75376..75489)], trnK [complement(1851..1885)], trnK [complement(4381..4417)], rps16 [complement(5418..5644)], rps16 [complement(6532..6571)], trnG [10194..10216], trnG [11044..11091], atpF [complement(13346..13755)], atpF [complement(14530..14674)], rpoC1 [complement(22408..24030)], rpoC1 [complement(24803..25255)], ycf3 [complement(46239..46391)], ycf3 [complement(47099..47328)], ycf3 [complement(48070..48193)], trnL [52135..52169], trnL [52695..52744], trnV [complement(56568..56601)], trnV [complement(57208..57246)], rps12 [complement(75376..75489)], rps12 [147799..148030], rps12 [148576..148601], clpP [complement(75668..75895)], clpP [complement(76520..76811)], clpP [complement(77886..77956)], petB [80832..80837], petB [81603..82244], petD [82442..82449], petD [83242..83716], rpl16 [complement(87184..87582)], rpl16 [complement(88600..88608)], rpl2 [complement(90296..90729)], rpl2 [complement(91393..91783)], ndhB [complement(100884..101639)], ndhB [complement(102322..103098)], trnI [108728..108764], trnI [109716..109750], trnA [109815..109852], trnA [110662..110696], ndhA [complement(126990..127519)], ndhA [complement(128680..129232)], trnA [complement(141850..141884)], trnA [complement(142694..142731)], trnI [complement(142796..142830)], trnI [complement(143782..143818)], ndhB [149448..150224], ndhB [150907..151662], rpl2 [160763..161153], rpl2 [161817..162250]	trnK [complement(1886..4380)], rps16 [complement(5645..6531)], trnG [10217..11043], atpF [complement(13756..14529)], rpoC1 [complement(24031..24802)], ycf3 [complement(46392..47098)], ycf3 [complement(47329..48069)], trnL [52170..52694], trnV [complement(56602..57207)], clpP [complement(75896..76519)], clpP [complement(76812..77885)], petB [80838..81602], petD [82450..83241], rpl16 [complement(87583..88599)], rpl2 [complement(90730..91392)], ndhB [complement(101640..102321)], trnI [108765..109715], trnA [109853..110661], ndhA [complement(127520..128679)], trnA [complement(141885..142693)], trnI [complement(142831..143781)], ndhB [150225..150906], rpl2 [161154..161816]
3099.	RUCO	63	rps12 [complement(69875..69901)], rps12 [complement(70443..70670)], rps12 [complement(41428..41565)], ycf3 [complement(14343..14497)], ycf3 [complement(15252..15477)], ycf3 [complement(16208..16333)], trnL-UAA	ycf3 [complement(14498..15251)], ycf3 [complement(15478..16207)], trnL-UAA [19400..19885], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[19364..19399], trnL-UAA [19886..19934], trnV [complement(23486..23520)], trnV [complement(24157..24199)], rps12 [112017..112248], rps12 [112779..112825], clpP [complement(41748..41975)], clpP [complement(42637..42928)], clpP [complement(43750..43820)], rpl2 [complement(56330..56763)], rpl2 [complement(57439..57829)], ndhB [complement(66826..67581)], ndhB [complement(68257..68979)], trnE-UUC [74479..74511], trnE-UUC [75465..75503], trnA-UGC [75568..75605], trnA-UGC [76416..76450], ndhA [complement(91496..92036)], ndhA [complement(93257..93807)], trnL-CAG [99597..99624], trnL-CAG [101843..101904], trnA-UGC [complement(106240..106277)], trnA-UGC [complement(107088..107122)], trnE-UUC [complement(107187..107219)], trnE-UUC [complement(108173..108211)], ndhB [113711..114433], ndhB [115109..115864], rpl2 [124861..125251], rpl2 [125927..126360], trnK-UUU [complement(128148..128185)], trnK-UUU [complement(130692..130725)], rps16 [complement(131741..131951)], rps16 [complement(132820..132863)], trnS-CGA [135616..135648], trnS-CGA [136349..136407], rpoC1 [complement(146984..148586)], rpoC1 [complement(149349..149779)]</p>	<p>[complement(23521..24156)], clpP [complement(41976..42636)], clpP [complement(42929..43749)], rpl2 [complement(56764..57438)], ndhB [complement(67582..68256)], trnE-UUC [74512..75464], trnA-UGC [75606..76415], ndhA [complement(92037..93256)], trnL-CAG [99625..101842], trnA-UGC [complement(106278..107087)], trnE-UUC [complement(107220..108172)], ndhB [114434..115108], rpl2 [125252..125926], trnK-UUU [complement(128186..130691)], rps16 [complement(131952..132819)], trnS-CGA [135649..136348], rpoC1 [complement(148587..149348)]</p>
3100.	RUCR	23	<p>rps12 [142089..142114]</p>	<p>trnK-UUU [complement(1740..4225)], rps16 [complement(5534..6353)], trnG-GCC [9169..9893], rpoC1 [complement(22012..22784)], ycf3 [complement(43303..44051)], ycf3 [complement(44282..44932)], trnL [48643..49137], trnV-UAC [complement(52683..53280)], clpP [complement(71152..71810)], clpP [complement(72103..72920)], petB [75952..76740], petD [77583..78298], rpl16 [complement(82698..83658)], rpl2 [complement(85872..86552)], ndhB [complement(96705..97384)], trnI-GAU [103426..104378], trnA-UGC</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[104516..105320], ndhA [complement(121560..122798)], trnA-UGC [complement(135797..136601)], trnI-GAU [complement(136739..137691)], ndhB [143733..144412], rpl2 [154566..155240]
3101.	RUTA	1	rps12 [142135..142160]	-
3102.	RYPA	64	rps12 [complement(86973..87001)], rps12 [complement(87542..87773)], rps12 [complement(65956..66069)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3897..3934)], rps16 [complement(4482..4699)], rps16 [complement(5533..5572)], trnG-UCC [complement(12858..12905)], trnG- UCC [complement(13592..13614)], atpF [32319..32477], atpF [33286..33693], ycf3 [complement(41328..41486)], ycf3 [complement(42194..42421)], ycf3 [complement(43162..43287)], trnL-UAA [45909..45943], trnL-UAA [46481..46530], trnV-UAC [complement(49871..49917)], trnV-UAC [complement(50493..50531)], rps12 [123884..124115], rps12 [124656..124684], petB [69791..69796], petB [70576..71223], petD [71416..71423], petD [72154..72628], rpl16 [complement(76164..76565)], rpl16 [complement(77523..77531)], rpl2 [complement(79470..79901)], rpl2 [complement(80566..80955)], ndhB [complement(83896..84652)], ndhB [complement(85369..86144)], trnI-GAU [91641..91682], trnI-GAU [92394..92428], trnA-UGC [92494..92531], trnA-UGC [93342..93376], ndhA [complement(108782..109321)], ndhA [complement(110346..110894)], trnA- UGC [complement(118281..118315)], trnA-UGC [complement(119126..119163)], trnI-GAU [complement(119229..119263)], trnI-GAU [complement(119975..120016)], ndhB [125513..126289], ndhB [127006..127761], rpl2 [130702..131091], rpl2 [131756..132187]	trnK-UUU [complement(1410..3896)], rps16 [complement(4700..5532)], trnG-UCC [complement(12906..13591)], atpF [32478..33285], ycf3 [complement(41487..42193)], ycf3 [complement(42422..43161)], trnL-UAA [45944..46480], trnV-UAC [complement(49918..50492)], petB [69797..70575], petD [71424..72153], rpl16 [complement(76566..77522)], rpl2 [complement(79902..80565)], ndhB [complement(84653..85368)], trnI-GAU [91683..92393], trnA-UGC [92532..93341], ndhA [complement(109322..110345)], trnA- UGC [complement(118316..119125)], trnI- GAU [complement(119264..119974)], ndhB [126290..127005], rpl2 [131092..131755]
3103.	RYSE	61	rps12 [complement(85538..85566)], rps12 [complement(86107..86338)], rps12 [complement(64522..64635)], trnK-UUU [complement(1384..1416)], trnK-UUU [complement(3908..3945)], rps16 [complement(4484..4701)], rps16 [complement(5542..5581)], trnG-UCC [complement(12439..12486)], trnG- UCC [complement(13168..13190)], atpF [31406..31564], atpF [32373..32780], ycf3 [complement(40417..40575)], ycf3 [complement(41287..41514)], ycf3	trnK-UUU [complement(1417..3907)], rps16 [complement(4702..5541)], trnG-UCC [complement(12487..13167)], atpF [31565..32372], ycf3 [complement(40576..41286)], ycf3 [complement(41515..42254)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42255..42380)], trnL-UAA [45016..45050], trnL-UAA [45588..45637], trnV-UAC [complement(48421..48467)], trnV-UAC [complement(49043..49081)], rps12 [122374..122605], rps12 [123146..123174], petB [68356..68361], petB [69152..69799], petD [69992..69999], petD [70724..71198], rpl16 [complement(74728..75129)], rpl16 [complement(76086..76094)], rpl2 [complement(78035..78466)], rpl2 [complement(79131..79520)], ndhB [complement(82461..83217)], ndhB [complement(83934..84709)], trnI-GAU [90206..90247], trnI-GAU [90959..90993], trnA-UGC [91059..91096], trnA-UGC [91907..91941], ndhA [complement(107268..107807)], ndhA [complement(108831..109379)], trnA-UGC [complement(116771..116805)], trnA-UGC [complement(117616..117653)], trnI-GAU [complement(117719..117753)], trnI-GAU [complement(118465..118506)], ndhB [124003..124779], ndhB [125496..126251]	[45051..45587], trnV-UAC [complement(48468..49042)], petB [68362..69151], petD [70000..70723], rpl16 [complement(75130..76085)], rpl2 [complement(78467..79130)], ndhB [complement(83218..83933)], trnI-GAU [90248..90958], trnA-UGC [91097..91906], ndhA [complement(107808..108830)], trnA-UGC [complement(116806..117615)], trnI-GAU [complement(117754..118464)], ndhB [124780..125495]
3104.	SAAB	40	rps12 [complement(14067..14093)], trnI-GAU [18801..18842], trnI-GAU [19781..19821], trnA-UGC [19886..19923], trnA-UGC [20726..20760], trnA-UGC [complement(50366..50400)], trnA-UGC [complement(51203..51240)], trnI-GAU [complement(51305..51339)], trnI-GAU [complement(52284..52325)], trnV-UAC [103642..103680], trnV-UAC [104288..104324], trnL-UAA [complement(108541..108590)], trnL-UAA [complement(109178..109214)], ycf3 [113292..113444], trnG-GCC [complement(147822..147858)], trnG-GCC [complement(148563..148584)], trnK-UUU [151396..151432], trnK-UUU [153985..154013]	rpl2 [complement(980..1647)], ndhB [complement(11993..12674)], trnI-GAU [18843..19780], trnA-UGC [19924..20725], ndhA [33664..34779], trnA-UGC [complement(50401..51202)], trnI-GAU [complement(51340..52283)], ndhB [58452..59133], rpl2 [69482..70110], rpl16 [72413..73531], petD [complement(78026..78804)], petB [complement(79680..80490)], clpP [83587..84419], clpP [84711..85303], trnV-UAC [103681..104287], trnL-UAA [complement(108591..109177)], ycf3 [111674..112393], ycf3 [112622..113291], rpoC1 [133934..134708], atpF [144532..145269], trnG-GCC [complement(147859..148562)], trnK-UUU [151433..153984]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3105.	SAAR	37	trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3912..3949)], trnG-UCC [complement(13715..13756)], trnG-UCC [complement(14461..14483)], trnL-UAA [49594..49624], trnL-UAA [50075..50124], trnV-UAC [complement(53770..53804)], trnV-UAC [complement(54409..54447)], rps12 [131240..131268], trnI-GAU [97771..97807], trnI-GAU [98759..98793], trnA-UGC [98859..98896], trnA-UGC [99707..99741], trnA-UGC [complement(124640..124674)], trnA-UGC [complement(125485..125522)], trnI-GAU [complement(125588..125622)], trnI-GAU [complement(126574..126610)]	trnK-UUU [complement(1412..3911)], rps16 [complement(4720..5558)], trnG-UCC [complement(13757..14460)], atpF [35806..36635], ycf3 [complement(44975..45705)], ycf3 [complement(45936..46695)], trnL-UAA [49625..50074], trnV-UAC [complement(53805..54408)], petB [73929..74686], petD [75519..76258], rpl16 [complement(80692..81777)], rpl2 [complement(84179..84841)], ndhB [complement(90803..91506)], trnI-GAU [97808..98758], trnA-UGC [98897..99706], ndhA [complement(115728..116715)], trnA-UGC [complement(124675..125484)], trnI-GAU [complement(125623..126573)], ndhB [132875..133578], rpl2 [139540..140202]
3106.	SABA	74	rps12 [86340..86453], rps12 [56620..56850], rps12 [57388..57417], rpl2 [complement(557..991)], rpl2 [complement(1689..2084)], ndhB [complement(11284..12039)], ndhB [complement(12735..13511)], rps12 [complement(14697..14942)], trnI-GAU [18969..19005], trnI-GAU [19953..19987], trnA-UGC [20052..20089], trnA-UGC [20891..20925], ndhA [33356..33908], ndhA [34996..35540], trnA-UGC [complement(50674..50708)], trnA-UGC [complement(51510..51547)], trnI-GAU [complement(51612..51646)], trnI-GAU [complement(52594..52630)], rps7 [57472..57612], rps7 [57769..57807], ndhB [58040..58816], ndhB [59515..60270], ycf2 [complement(61979..68467)], ycf2 [complement(68494..68862)], rpl2 [69496..69892], rpl2 [70574..71007], rpl16 [72837..72845], rpl16 [73989..74387], petD [complement(78080..78568)], petD [complement(79354..79362)], petB [complement(79582..80224)], petB [complement(80446..80450)], clpP [84083..84153], clpP [84980..85270], clpP [85887..86115], trnV-UAC [104447..104485], trnV-UAC [105093..105129],	rpl2 [complement(992..1688)], ndhB [complement(12040..12734)], trnI-GAU [19006..19952], trnA-UGC [20090..20890], ndhA [33909..34995], trnA-UGC [complement(50709..51509)], trnI-GAU [complement(51647..52593)], rps7 [57613..57768], ndhB [58817..59514], ycf2 [complement(68468..68493)], rpl2 [69893..70573], rpl16 [72846..73988], petD [complement(78569..79353)], petB [complement(80225..80445)], clpP [84154..84979], clpP [85271..85886], trnV-UAC [104486..105092], trnL-UAA [complement(109430..110024)], ycf3 [112500..113223], ycf3 [113452..114202],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnL-UAA [complement(109380..109429)], trnL-UAA [complement(110025..110061)], ycf3 [112374..112499], ycf3 [113224..113451], ycf3 [114203..114355], rpoC1 [134570..135022], rpoC1 [135805..137421], atpF [145505..145649], atpF [146382..146791], trnG-GCC [complement(148967..149014)], trnG-GCC [complement(149718..149740)], trnK-UUU [152539..152575], trnK-UUU [155138..155166]	rpoC1 [135023..135804], atpF [145650..146381], trnG-GCC [complement(149015..149717)], trnK-UUU [152576..155137]
3107.	SABI	66	rps12 [complement(96815..96840)], rps12 [complement(97372..97603)], rps12 [complement(69413..69526)], trnK [complement(1372..1406)], trnK [complement(3938..3974)], rps16 [complement(4546..4742)], rps16 [complement(5639..5678)], trnS [8751..8781], trnS [9478..9537], atpF [complement(11419..11828)], atpF [complement(12623..12767)], rpoC1 [complement(20390..21985)], rpoC1 [complement(22753..23184)], ycf3 [complement(41945..42097)], ycf3 [complement(42894..43121)], ycf3 [complement(43924..44049)], trnL [46484..46518], trnL [47043..47092], trnC [complement(50637..50692)], trnC [complement(51272..51310)], rps12 [139179..139410], rps12 [139942..139967], clpP [complement(69662..69889)], clpP [complement(70510..70801)], clpP [complement(71633..71703)], petB [74668..74673], petB [75480..76121], petD [76330..76337], petD [77108..77582], rpl16 [complement(81055..81453)], rpl16 [complement(82457..82465)], ndhB [complement(93797..94552)], ndhB [complement(95226..96002)], trnE [101019..101051], trnE [101998..102039], trnA [102108..102144], trnA [102978..103013], ndhA [complement(119175..119704)], ndhA [complement(120823..121375)], trnA [complement(133769..133804)], trnA [complement(134638..134674)], trnE [complement(134743..134784)], trnE [complement(135731..135763)], ndhB [140780..141556], ndhB [142230..142985]	trnK [complement(1407..3937)], rps16 [complement(4743..5638)], trnS [8782..9477], atpF [complement(11829..12622)], rpoC1 [complement(21986..22752)], ycf3 [complement(42098..42893)], ycf3 [complement(43122..43923)], trnL [46519..47042], trnC [complement(50693..51271)], clpP [complement(69890..70509)], clpP [complement(70802..71632)], petB [74674..75479], petD [76338..77107], rpl16 [complement(81454..82456)], ndhB [complement(94553..95225)], trnE [101052..101997], trnA [102145..102977], ndhA [complement(119705..120822)], trnA [complement(133805..134637)], trnE [complement(134785..135730)], ndhB [141557..142229]
3108.	SABR	66	rps12 [complement(97006..97031)], rps12 [complement(97563..97794)], rps12 [complement(69572..69685)], trnK [complement(1399..1433)], trnK [complement(3993..4029)], rps16 [complement(4649..4845)], rps16 [complement(5756..5795)], trnS [8986..9016], trnS [9716..9775], atpF [complement(11659..12068)], atpF [complement(12861..13005)], rpoC1 [complement(20666..22261)], rpoC1 [complement(23035..23466)], ycf3	trnK [complement(1434..3992)], rps16 [complement(4846..5755)], trnS [9017..9715], atpF [complement(12069..12860)], rpoC1 [complement(22262..23034)], ycf3 [complement(42413..43203)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42260..42412)], ycf3 [complement(43204..43431)], ycf3 [complement(44234..44359)], trnL [46733..46767], trnL [47291..47340], trnC [complement(50890..50945)], trnC [complement(51529..51567)], rps12 [139413..139644], rps12 [140176..140201], clpP [complement(69821..70048)], clpP [complement(70662..70953)], clpP [complement(71794..71864)], petB [74822..74827], petB [75653..76294], petD [76503..76510], petD [77280..77754], rpl16 [complement(81226..81624)], rpl16 [complement(82617..82625)], ndhB [complement(93988..94743)], ndhB [complement(95417..96193)], trnE [101111..101143], trnE [102090..102131], trnA [102200..102236], trnA [103070..103105], ndhA [complement(119519..120048)], ndhA [complement(121172..121724)], trnA [complement(134102..134137)], trnA [complement(134971..135007)], trnE [complement(135076..135117)], trnE [complement(136064..136096)], ndhB [141014..141790], ndhB [142464..143219]	[complement(43432..44233)], trnL [46768..47290], trnC [complement(50946..51528)], clpP [complement(70049..70661)], clpP [complement(70954..71793)], petB [74828..75652], petD [76511..77279], rpl16 [complement(81625..82616)], ndhB [complement(94744..95416)], trnE [101144..102089], trnA [102237..103069], ndhA [complement(120049..121171)], trnA [complement(134138..134970)], trnE [complement(135118..136063)], ndhB [141791..142463]
3109.	SABU	72	rps12 [complement(96141..96166)], rps12 [complement(96703..96934)], rps12 [complement(68779..68892)], trnK-UUU [complement(1685..1719)], trnK-UUU [complement(4242..4278)], rps16 [complement(4850..5044)], rps16 [complement(5924..5965)], trnG-UCC [8970..8992], trnG-UCC [9674..9721], atpF [complement(11716..12126)], atpF [complement(12822..12965)], rpoC1 [complement(20715..22334)], rpoC1 [complement(23101..23556)], ycf3 [complement(41951..42103)], ycf3 [complement(42833..43060)], ycf3 [complement(43761..43889)], trnL-UAA [46782..46818], trnL-UAA [47272..47321], trnV-UAC [complement(50847..50883)], trnV-UAC [complement(51461..51496)], rps12 [137467..137698], rps12 [138235..138260], clpP [complement(69016..69243)], clpP [complement(69869..70160)], clpP [complement(70864..70934)], petB [73839..73844], petB [74547..75188], petD [75382..75389], petD [76105..76579], rpl16 [complement(80024..80422)], rpl16 [complement(81289..81297)], rpl2 [complement(82955..83388)], rpl2 [complement(84047..84437)], ndhB [complement(93138..93893)], ndhB [complement(94569..95291)], trnI-GAU [100648..100684], trnI-GAU [101626..101660], trnA-UGC [101725..101762], trnA-UGC [102567..102601],	trnK-UUU [complement(1720..4241)], rps16 [complement(5045..5923)], trnG-UCC [8993..9673], atpF [complement(12127..12821)], rpoC1 [complement(22335..23100)], ycf3 [complement(42104..42832)], ycf3 [complement(43061..43760)], trnL-UAA [46819..47271], trnV-UAC [complement(50884..51460)], clpP [complement(69244..69868)], clpP [complement(70161..70863)], petB [73845..74546], petD [75390..76104], rpl16 [complement(80423..81288)], rpl2 [complement(83389..84046)], ndhB [complement(93894..94568)], trnI-GAU [100685..101625], trnA-UGC [101763..102566], ndhA [complement(117993..118995)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(117454..117992)], ndhA [complement(118996..119548)], trnA-UGC [complement(131800..131834)], trnA-UGC [complement(132639..132676)], trnI-GAU [complement(132741..132775)], trnI-GAU [complement(133717..133753)], ndhB [139110..139832], ndhB [140508..141263], rpl2 [149964..150354], rpl2 [151013..151446]	[complement(131835..132638)], trnI-GAU [complement(132776..133716)], ndhB [139833..140507], rpl2 [150355..151012]
3110.	SACA	60	rps12 [complement(99217..99243)], rps12 [complement(99780..100010)], rps12 [complement(70587..70700)], trnK-UUU [complement(1652..1680)], trnK-UUU [complement(4240..4276)], atpF [complement(10033..10443)], atpF [complement(11175..11318)], rpoC1 [complement(19390..21015)], rpoC1 [complement(21784..22218)], ycf3 [complement(42263..42415)], ycf3 [complement(43132..43359)], ycf3 [complement(44082..44210)], trnL-UAA [46538..46574], trnL-UAA [47158..47207], trnV-UAC [complement(51722..51758)], trnV-UAC [complement(52990..53028)], rps12 [141423..141653], rps12 [142190..142216], clpP [complement(70893..71120)], clpP [complement(71721..72011)], clpP [complement(72841..72909)], rpl16 [complement(82503..82903)], rpl16 [complement(84029..84038)], rpl2 [complement(85841..86311)], rpl2 [complement(86941..87339)], ndhB [complement(96539..97294)], ndhB [complement(97977..98753)], trnI-GAU [103931..103972], trnI-GAU [104916..104950], trnA-UGC [105015..105052], trnA-UGC [105855..105889], ndhA [complement(120979..121524)], ndhA [complement(122612..123163)], trnA-UGC [complement(135544..135578)], trnA-UGC [complement(136381..136418)], trnI-GAU [complement(136483..136517)], trnI-GAU [complement(137461..137502)], ndhB [142680..143456], ndhB [144139..144894], rpl2 [154094..154492], rpl2 [155122..155592]	trnK-UUU [complement(1681..4239)], atpF [complement(10444..11174)], rpoC1 [complement(21016..21783)], ycf3 [complement(42416..43131)], ycf3 [complement(43360..44081)], trnL-UAA [46575..47157], trnV-UAC [complement(51759..52989)], clpP [complement(71121..71720)], clpP [complement(72012..72840)], rpl16 [complement(82904..84028)], rpl2 [complement(86312..86940)], ndhB [complement(97295..97976)], trnI-GAU [103973..104915], trnA-UGC [105053..105854], ndhA [complement(121525..122611)], trnA-UGC [complement(135579..136380)], trnI-GAU [complement(136518..137460)], ndhB [143457..144138], rpl2 [154493..155121]
3111.	SACH	39	trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4238..4274)], trnG-UCC [complement(29595..29641)], trnG-UCC [complement(30354..30376)], trnL-UAA [46359..46395], trnL-UAA [46836..46885], trnV-UAC [complement(50638..50674)], trnV-UAC [complement(51249..51286)], trnI-GAU [101332..101374], trnI-GAU [102310..102344], trnA-UGC [102409..102446], trnA-UGC [103268..103302], trnA-UGC [complement(132542..132576)], trnA-UGC	trnK-UUU [complement(1775..4237)], rps16 [complement(5277..6133)], rpoC1 [16028..16755], atpF [26451..27157], trnG-UCC [complement(29642..30353)], ycf3 [complement(41704..42445)], ycf3 [complement(42674..43372)], trnL-UAA [46396..46835], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(133398..133435)], trnI-GAU [complement(133500..133534)], trnI-GAU [complement(134470..134512)]	[complement(50675..51248)], clpP [complement(69446..70076)], clpP [complement(70369..71174)], petB [74182..74952], petD [75791..76489], rpl16 [complement(80823..81835)], rpl2 [complement(83947..84608)], ndhB [complement(94356..95025)], trnI-GAU [101375..102309], trnA-UGC [102447..103267], ndhA [complement(118961..120019)], trnA-UGC [complement(132577..133397)], trnI-GAU [complement(133535..134469)], ndhB [140819..141488], rpl2 [151236..151897]
3112.	SACN	72	rps12 [complement(95815..95840)], rps12 [complement(96367..96598)], rps12 [complement(68447..68560)], trnK-UUU [complement(1301..1335)], trnK-UUU [complement(3857..3893)], rps16 [complement(4468..4662)], rps16 [complement(5561..5602)], trnG-UCC [8650..8672], trnG-UCC [9355..9402], atpF [complement(11381..11791)], atpF [complement(12483..12626)], rpoC1 [complement(20354..21973)], rpoC1 [complement(22740..23195)], ycf3 [complement(41601..41753)], ycf3 [complement(42489..42716)], ycf3 [complement(43416..43544)], trnL-UAA [46462..46498], trnL-UAA [46952..47001], trnV-UAC [complement(50534..50568)], trnV-UAC [complement(51145..51182)], rps12 [137243..137474], rps12 [138001..138026], clpP [complement(68686..68911)], clpP [complement(69535..69828)], clpP [complement(70533..70603)], petB [73509..73514], petB [74225..74866], petD [75060..75067], petD [75782..76256], rpl16 [complement(79692..80090)], rpl16 [complement(80963..80971)], rpl2 [complement(82629..83062)], rpl2 [complement(83721..84111)], ndhB [complement(92812..93567)], ndhB [complement(94243..95019)], trnI-GAU [100304..100340], trnI-GAU [101282..101316], trnA-UGC [101381..101418], trnA-UGC [102223..102257], ndhA [complement(117187..117725)], ndhA [complement(118726..119278)],	trnK-UUU [complement(1336..3856)], rps16 [complement(4663..5560)], trnG-UCC [8673..9354], atpF [complement(11792..12482)], rpoC1 [complement(21974..22739)], ycf3 [complement(41754..42488)], ycf3 [complement(42717..43415)], trnL-UAA [46499..46951], trnV-UAC [complement(50569..51144)], clpP [complement(68912..69534)], clpP [complement(69829..70532)], petB [73515..74224], petD [75068..75781], rpl16 [complement(80091..80962)], rpl2 [complement(83063..83720)], ndhB [complement(93568..94242)], trnI-GAU [100341..101281], trnA-UGC [101419..102222], ndhA [complement(117726..118725)], trnA-UGC [complement(131619..132422)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(131584..131618)], trnA-UGC [complement(132423..132460)], trnI-GAU [complement(132525..132559)], trnI-GAU [complement(133501..133537)], ndhB [138822..139598], ndhB [140274..141029], rpl2 [149730..150120], rpl2 [150779..151212]	[complement(132560..133500)], ndhB [139599..140273], rpl2 [150121..150778]
3113.	SACO	73	rps12 [complement(104989..105014)], rps12 [complement(105559..105790)], rps12 [complement(76667..76780)], trnK [complement(1842..1876)], trnK [complement(4370..4406)], rps16 [complement(5378..5604)], rps16 [complement(6492..6531)], trnG [10103..10125], trnG [10847..10894], atpF [complement(13110..13519)], atpF [complement(14308..14452)], rpoC1 [complement(23211..24827)], rpoC1 [complement(25584..26036)], ycf3 [complement(47375..47527)], ycf3 [complement(48229..48458)], ycf3 [complement(49205..49328)], trnL [53400..53434], trnL [53953..54002], trnV [complement(57728..57762)], trnV [complement(58375..58412)], rps12 [complement(76667..76780)], rps12 [156719..156950], rps12 [157495..157520], clpP [complement(76953..77180)], clpP [complement(77796..78087)], clpP [complement(78955..79025)], petB [81931..81936], petB [82720..83361], petD [83554..83561], petD [84391..84865], rpl16 [complement(88162..88560)], rpl16 [complement(89591..89599)], rpl2 [complement(91305..91738)], rpl2 [complement(92403..92793)], ndhB [complement(101921..102682)], ndhB [complement(103366..104142)], trnI [109750..109786], trnI [110737..110771], trnA [110836..110873], trnA [111677..111711], ndhA [complement(135993..136531)], ndhA [complement(137650..138202)], trnA [complement(150798..150834)], trnA [complement(151636..151673)], trnI [complement(151738..151772)], trnI [complement(152723..152759)], ndhB [158367..159143], ndhB [159827..160588], rpl2 [169716..170106], rpl2 [170771..171204]	trnK [complement(1877..4369)], rps16 [complement(5605..6491)], trnG [10126..10846], atpF [complement(13520..14307)], rpoC1 [complement(24828..25583)], ycf3 [complement(47528..48228)], ycf3 [complement(48459..49204)], trnL [53435..53952], trnV [complement(57763..58374)], clpP [complement(77181..77795)], clpP [complement(78088..78954)], petB [81937..82719], petD [83562..84390], rpl16 [complement(88561..89590)], rpl2 [complement(91739..92402)], ndhB [complement(102683..103365)], trnI [109787..110736], trnA [110874..111676], ndhA [complement(136532..137649)], trnA [complement(150835..151635)], trnI [complement(151773..152722)], ndhB [159144..159826], rpl2 [170107..170770]
3114.	SADE	2	rps12 [complement(90065..90096)], rps12 [128095..128126]	-
3115.	SADL	9	rps12 [complement(96989..97231)], rps12 [complement(68750..68863)], rps12 [138238..138480], petB [73986..73991], petB [74724..75404], petD [75593..75601], petD [76250..76774]	petB [73992..74723], petD [75602..76249]
3116.	SADO	73	rps12 [complement(100356..100381)], rps12 [complement(100923..101151)],	trnK-UUU [complement(1435..4075)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(71612..71725)], trnK-UUU [complement(1400..1434)], trnK-UUU [complement(4076..4112)], rps16 [complement(4853..5073)], rps16 [complement(5930..5969)], trnG-UCC [9519..9541], trnG-UCC [10229..10276], atpF [complement(12220..12630)], atpF [complement(13435..13578)], rpoC1 [complement(21460..23080)], rpoC1 [complement(23828..24255)], ycf3 [complement(43504..43664)], ycf3 [complement(44400..44627)], ycf3 [complement(45344..45467)], trnL-UAA [48154..48188], trnL-UAA [48703..48752], trnV-UAC [complement(53302..53338)], trnV-UAC [complement(53931..53969)], rps12 [complement(71612..71725)], rps12 [142651..142879], rps12 [143421..143446], clpP [complement(71863..72114)], clpP [complement(72769..73060)], clpP [complement(73849..73919)], petB [76839..76844], petB [77625..78272], petD [78466..78473], petD [79206..79719], rpl16 [complement(83200..83598)], rpl16 [complement(84664..84672)], rpl2 [complement(86617..87048)], rpl2 [complement(87711..88100)], ndhB [complement(97282..98037)], ndhB [complement(98742..99518)], trnI-GAU [105122..105163], trnI-GAU [106101..106135], trnA-UGC [106200..106237], trnA-UGC [107039..107073], ndhA [complement(122225..122763)], ndhA [complement(123811..124363)], trnA-UGC [complement(136729..136763)], trnA-UGC [complement(137565..137602)], trnI-GAU [complement(137667..137701)], trnI-GAU [complement(138639..138680)], ndhB [144284..145060], ndhB [145765..146520], rpl2 [155702..156091], rpl2 [156754..157185]	[complement(5074..5929)], trnG-UCC [9542..10228], atpF [complement(12631..13434)], rpoC1 [complement(23081..23827)], ycf3 [complement(43665..44399)], ycf3 [complement(44628..45343)], trnL-UAA [48189..48702], trnV-UAC [complement(53339..53930)], clpP [complement(72115..72768)], clpP [complement(73061..73848)], petB [76845..77624], petD [78474..79205], rpl16 [complement(83599..84663)], rpl2 [complement(87049..87710)], ndhB [complement(98038..98741)], trnI-GAU [105164..106100], trnA-UGC [106238..107038], ndhA [complement(122764..123810)], trnA-UGC [complement(136764..137564)], trnI-GAU [complement(137702..138638)], ndhB [145061..145764], rpl2 [156092..156753]
3117.	SADU	9	rps12 [complement(97187..97429)], rps12 [complement(68963..69076)], rps12 [138490..138732], petB [74188..74193], petB [74926..75606], petD [75795..75803], petD [76452..76976]	petB [74194..74925], petD [75804..76451]
3118.	SAEU	66	rps12 [complement(96898..96923)], rps12 [complement(97455..97686)], rps12 [complement(69503..69616)], trnK [complement(1395..1429)], trnK [complement(3981..4017)], rps16 [complement(4638..4834)], rps16 [complement(5703..5742)], trnS [8890..8927], trnS [9627..9686], atpF [complement(11570..11979)], atpF [complement(12772..12916)], rpoC1 [complement(20587..22182)], rpoC1 [complement(22955..23386)], ycf3	trnK [complement(1430..3980)], rps16 [complement(4835..5702)], trnS [8928..9626], atpF [complement(11980..12771)], rpoC1 [complement(22183..22954)], ycf3 [complement(42332..43122)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42179..42331)], ycf3 [complement(43123..43350)], ycf3 [complement(44153..44278)], trnL [46663..46697], trnL [47220..47269], trnC [complement(50815..50870)], trnC [complement(51454..51492)], rps12 [139340..139571], rps12 [140103..140128], clpP [complement(69752..69979)], clpP [complement(70592..70883)], clpP [complement(71724..71794)], petB [74752..74757], petB [75583..76224], petD [76433..76440], petD [77210..77684], rpl16 [complement(81155..81553)], rpl16 [complement(82551..82559)], ndhB [complement(93880..94635)], ndhB [complement(95309..96085)], trnE [101003..101035], trnE [101982..102023], trnA [102092..102128], trnA [102962..102997], ndhA [complement(119446..119975)], ndhA [complement(121099..121651)], trnA [complement(134029..134064)], trnA [complement(134898..134934)], trnE [complement(135003..135044)], trnE [complement(135991..136023)], ndhB [140941..141717], ndhB [142391..143146]	[complement(43351..44152)], trnL [46698..47219], trnC [complement(50871..51453)], clpP [complement(69980..70591)], clpP [complement(70884..71723)], petB [74758..75582], petD [76441..77209], rpl16 [complement(81554..82550)], ndhB [complement(94636..95308)], trnE [101036..101981], trnA [102129..102961], ndhA [complement(119976..121098)], trnA [complement(134065..134897)], trnE [complement(135045..135990)], ndhB [141718..142390]
3119.	SAFA	62	rps12 [complement(92035..92070)], rps12 [complement(92609..92839)], rps12 [complement(69965..70078)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], rps16 [complement(4521..4736)], rps16 [complement(5566..5607)], trnG-UCC [complement(13605..13652)], trnG-UCC [complement(14322..14344)], atpF [35240..35398], atpF [36224..36631], ycf3 [complement(44397..44555)], ycf3 [complement(45289..45516)], ycf3 [complement(46266..46397)], trnL-UAA [49173..49207], trnL-UAA [49748..49797], trnV-UAC [complement(53229..53265)], trnV-UAC [complement(53862..53900)], petB [73805..73810], petB [74629..75270], petD [75459..75467], petD [76222..76695], rpl16 [complement(80293..80694)], rpl16 [complement(81792..81800)], rpl2 [complement(83794..84225)], rpl2 [complement(84886..85278)], ndhB [complement(88966..89721)], ndhB [complement(90434..91210)], trnI-GAU [96664..96705], trnI-GAU [97652..97686], trnA-UGC [97752..97789], trnA-UGC [98601..98635], ndhA [complement(114727..115266)], ndhA [complement(116288..116836)], trnA-UGC [complement(124203..124237)], trnA-UGC [complement(125049..125086)], trnI-GAU [complement(125152..125186)], trnI-GAU [complement(126133..126174)], ndhB [131628..132404], ndhB	trnK-UUU [complement(1410..3926)], rps16 [complement(4737..5565)], trnG-UCC [complement(13653..14321)], atpF [35399..36223], ycf3 [complement(44556..45288)], ycf3 [complement(45517..46265)], trnL-UAA [49208..49747], trnV-UAC [complement(53266..53861)], petB [73811..74628], petD [75468..76221], rpl16 [complement(80695..81791)], rpl2 [complement(84226..84885)], ndhB [complement(89722..90433)], trnI-GAU [96706..97651], trnA-UGC [97790..98600], ndhA [complement(115267..116287)], trnA-UGC [complement(124238..125048)], trnI-GAU [complement(125187..126132)], ndhB [132405..133116], rpl2 [137953..138612]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[133117..133872], rpl2 [137548..137952], rpl2 [138613..139044]	
3120.	SAFI	23	rps12 [141118..141143]	trnK-UUU [complement(1718..4225)], rps16 [complement(5291..6192)], trnG-UCC [8906..9603], rpoC1 [complement(21792..22549)], ycf3 [complement(43026..43797)], ycf3 [complement(44026..44744)], trnL-UAA [47904..48457], trnV-UAC [complement(52102..52702)], clpP [complement(70378..71034)], clpP [complement(71326..72201)], petB [75195..75947], petD [76824..77548], rpl16 [complement(81756..82708)], rpl2 [complement(84893..85565)], ndhB [complement(95251..95926)], trnI-GAU [102179..103128], trnA-UGC [103266..104076], ndhA [complement(120442..121633)], trnA-UGC [complement(134612..135422)], trnI-GAU [complement(135560..136509)], ndhB [142762..143437], rpl2 [153123..153795]
3121.	SAGL	73	rps12 [complement(101441..101466)], rps12 [complement(102002..102233)], rps12 [complement(73481..73594)], trnK-UUU [complement(1512..1546)], trnK-UUU [complement(4053..4089)], rps16 [complement(4697..4917)], rps16 [complement(5752..5791)], trnG-UCC [10018..10040], trnG-UCC [10738..10785], atpF [complement(12699..13108)], atpF [complement(13815..13959)], rpoC1 [complement(22057..23679)], rpoC1 [complement(24417..24869)], ycf3 [complement(44937..45089)], ycf3 [complement(45822..46049)], ycf3 [complement(46793..46918)], trnL-UAA [49893..49927], trnL-UAA [50422..50471], trnV-UAC [complement(55061..55095)], trnV-UAC [complement(55690..55728)], rps12 [complement(73481..73594)], rps12 [144680..144911], rps12	trnK-UUU [complement(1547..4052)], rps16 [complement(4918..5751)], trnG-UCC [10041..10737], atpF [complement(13109..13814)], rpoC1 [complement(23680..24416)], ycf3 [complement(45090..45821)], ycf3 [complement(46050..46792)], trnL-UAA [49928..50421], trnV-UAC [complement(55096..55689)], clpP [complement(73992..74647)], clpP [complement(74940..75750)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[145447..145472], clpP [complement(73746..73991)], clpP [complement(74648..74939)], clpP [complement(75751..75821)], petB [78702..78707], petB [79499..80140], petD [80336..80343], petD [81059..81572], rpl16 [complement(85062..85460)], rpl16 [complement(86481..86489)], rpl2 [complement(88136..88569)], rpl2 [complement(89235..89625)], ndhB [complement(98363..99118)], ndhB [complement(99820..100596)], trnI-GAU [106151..106187], trnI-GAU [107142..107176], trnA-UGC [107241..107278], trnA-UGC [108085..108119], ndhA [120485..121036], ndhA [122126..122665], trnA-UGC [complement(138794..138828)], trnA-UGC [complement(139635..139672)], trnI-GAU [complement(139737..139771)], trnI-GAU [complement(140726..140762)], ndhB [146317..147093], ndhB [147795..148550], rpl2 [157288..157678], rpl2 [158344..158777]	[78708..79498], petD [80344..81058], rpl16 [complement(85461..86480)], rpl2 [complement(88570..89234)], ndhB [complement(99119..99819)], trnI-GAU [106188..107141], trnA-UGC [107279..108084], ndhA [121037..122125], trnA-UGC [complement(138829..139634)], trnI-GAU [complement(139772..140725)], ndhB [147094..147794], rpl2 [157679..158343]
3122.	SAGR	40	trnK-UUU [complement(1702..1730)], trnK-UUU [complement(4283..4319)], trnG-GCC [7131..7153], trnG-GCC [7851..7898], trnL-UAA [46481..46515], trnL-UAA [47102..47151], trnV-UAC [complement(51330..51364)], trnV-UAC [complement(51974..52012)], rps12 [141521..141550], rps12 [complement(98538..98567)], trnI-GAU [103266..103302], trnI-GAU [104252..104286], trnA-UGC [104351..104388], trnA-UGC [105191..105225], trnA-UGC [complement(134863..134897)], trnA-UGC [complement(135700..135737)], trnI-GAU [complement(135802..135836)], trnI-GAU [complement(136786..136822)]	trnK-UUU [complement(1731..4282)], trnG-GCC [7154..7850], atpF [complement(10440..11181)], rpoC1 [complement(21012..21775)], ycf3 [complement(42394..43075)], ycf3 [complement(43304..44026)], trnL-UAA [46516..47101], trnV-UAC [complement(51365..51973)], clpP [complement(70283..70866)], clpP [complement(71159..71994)], petB [75088..75898], petD [76774..77551], rpl16 [complement(82078..83191)], rpl2 [complement(85455..86122)], ndhB [complement(96469..97150)], trnI-GAU [103303..104251], trnA-UGC [104389..105190], ndhA [complement(120828..121940)], trnA-UGC [complement(134898..135699)], trnI-GAU [complement(135837..136785)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[142938..143619], rpl2 [153966..154633]
3123.	SAHE	4	rps12 [complement(74345..74458)], rps12 [145823..145852], petD [81833..82322]	petD [81115..81832]
3124.	SAHI	62	rps12 [complement(92784..92812)], rps12 [complement(93353..93584)], rps12 [complement(69712..69825)], trnK-UUU [complement(1382..1414)], trnK-UUU [complement(3908..3945)], rps16 [complement(4496..4713)], rps16 [complement(5553..5592)], trnG-UCC [complement(13526..13573)], trnG-UCC [complement(14273..14295)], atpF [35410..35568], atpF [36385..36792], ycf3 [complement(44553..44711)], ycf3 [complement(45447..45674)], ycf3 [complement(46429..46560)], trnL-UAA [49310..49344], trnL-UAA [49797..49846], trnV-UAC [complement(53477..53513)], trnV-UAC [complement(54116..54154)], petB [73584..73589], petB [74342..74989], petD [75172..75179], petD [75920..76394], rpl16 [complement(79964..80365)], rpl16 [complement(81448..81456)], rpl2 [complement(83415..83846)], rpl2 [complement(84510..84899)], ndhB [complement(89717..90472)], ndhB [complement(91177..91953)], trnI-GAU [97447..97488], trnI-GAU [98436..98470], trnA-UGC [98536..98573], trnA-UGC [99384..99418], ndhA [complement(114838..115377)], ndhA [complement(116401..116949)], trnA-UGC [complement(124324..124358)], trnA-UGC [complement(125169..125206)], trnI-GAU [complement(125272..125306)], trnI-GAU [complement(126254..126295)], ndhB [131789..132565], ndhB [133270..134025], rpl2 [138843..139232], rpl2 [139896..140327]	trnK-UUU [complement(1415..3907)], rps16 [complement(4714..5552)], trnG-UCC [complement(13574..14272)], atpF [35569..36384], ycf3 [complement(44712..45446)], ycf3 [complement(45675..46428)], trnL-UAA [49345..49796], trnV-UAC [complement(53514..54115)], petB [73590..74341], petD [75180..75919], rpl16 [complement(80366..81447)], rpl2 [complement(83847..84509)], ndhB [complement(90473..91176)], trnI-GAU [97489..98435], trnA-UGC [98574..99383], ndhA [complement(115378..116400)], trnA-UGC [complement(124359..125168)], trnI-GAU [complement(125307..126253)], ndhB [132566..133269], rpl2 [139233..139895]
3125.	SAHO	3	rps12 [complement(97213..97455)], rps12 [138445..138687]	petB [74211..74950]
3126.	SAHY	60	rps12 [complement(98041..98067)], rps12 [complement(98604..98834)], rps12 [complement(69477..69590)], trnK-UUU [complement(1648..1676)], trnK-UUU [complement(4229..4265)], atpF [complement(9982..10380)], atpF [complement(11122..11265)], rpoC1 [complement(19336..20961)], rpoC1 [complement(21712..22146)], ycf3 [complement(42184..42336)], ycf3 [complement(43019..43246)], ycf3 [complement(43967..44095)], trnL-UAA [46424..46460], trnL-UAA [47046..47095], trnV-UAC [complement(51278..51314)], trnV-UAC [complement(51922..51960)], rps12 [140268..140498], rps12 [141035..141061], clpP [complement(69799..70026)],	trnK-UUU [complement(1677..4228)], atpF [complement(10381..11121)], rpoC1 [complement(20962..21711)], ycf3 [complement(42337..43018)], ycf3 [complement(43247..43966)], trnL-UAA [46461..47045], trnV-UAC [complement(51315..51921)], clpP [complement(70027..70613)], clpP [complement(70905..71743)], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(70614..70904)], clpP [complement(71744..71812)], rpl16 [complement(81161..81561)], rpl16 [complement(82721..82730)], rpl2 [complement(84520..84990)], rpl2 [complement(85620..86018)], ndhB [complement(95212..95967)], ndhB [complement(96650..97426)], trnI-GAU [102764..102805], trnI-GAU [103750..103784], trnA-UGC [103849..103886], trnA-UGC [104689..104723], ndhA [complement(119793..120338)], ndhA [complement(121457..122008)], trnA-UGC [complement(134379..134413)], trnA-UGC [complement(135216..135253)], trnI-GAU [complement(135318..135352)], trnI-GAU [complement(136297..136338)], ndhB [141676..142452], ndhB [143135..143890], rpl2 [153084..153482], rpl2 [154112..154582]</p>	<p>[complement(81562..82720)], rpl2 [complement(84991..85619)], ndhB [complement(95968..96649)], trnI-GAU [102806..103749], trnA-UGC [103887..104688], ndhA [complement(120339..121456)], trnA-UGC [complement(134414..135215)], trnI-GAU [complement(135353..136296)], ndhB [142453..143134], rpl2 [153483..154111]</p>
3127.	SAID	64	<p>rps12 [complement(92031..92059)], rps12 [complement(92600..92831)], rps12 [complement(69007..69120)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3890..3927)], rps16 [complement(4471..4688)], rps16 [complement(5596..5635)], trnG-UCC [complement(12963..13010)], trnG-UCC [complement(13702..13724)], atpF [34792..34950], atpF [35784..36191], ycf3 [complement(43997..44155)], ycf3 [complement(44887..45114)], ycf3 [complement(45851..45982)], trnL-UAA [48654..48688], trnL-UAA [49229..49278], trnV-UAC [complement(52850..52886)], trnV-UAC [complement(53468..53506)], rps12 [129341..129572], rps12 [130113..130141], petB [72867..72872], petB [73587..74234], petD [74423..74430], petD [75161..75635], rpl16 [complement(79205..79606)], rpl16 [complement(80669..80677)], rpl2 [complement(82631..83062)], rpl2 [complement(83723..84115)], ndhB [complement(88960..89715)], ndhB [complement(90426..91202)], trnI-GAU [96672..96713], trnI-GAU [97661..97695], trnA-UGC [97761..97798], trnA-UGC [98609..98643], ndhA [complement(114031..114570)], ndhA [complement(115625..116173)], trnA-UGC [complement(123529..123563)], trnA-UGC [complement(124374..124411)], trnI-GAU [complement(124477..124511)], trnI-GAU [complement(125459..125500)], ndhB [130970..131746], ndhB [132457..133212], rpl2 [138057..138449], rpl2 [139110..139541]</p>	<p>trnK-UUU [complement(1411..3889)], rps16 [complement(4689..5595)], trnG-UCC [complement(13011..13701)], atpF [34951..35783], ycf3 [complement(44156..44886)], ycf3 [complement(45115..45850)], trnL-UAA [48689..49228], trnV-UAC [complement(52887..53467)], petB [72873..73586], petD [74431..75160], rpl16 [complement(79607..80668)], rpl2 [complement(83063..83722)], ndhB [complement(89716..90425)], trnI-GAU [96714..97660], trnA-UGC [97799..98608], ndhA [complement(114571..115624)], trnA-UGC [complement(123564..124373)], trnI-GAU [complement(124512..125458)], ndhB [131747..132456], rpl2 [138450..139109]</p>
3128.	SAIN	67	trnK [complement(1681..1715)], trnK [complement(4269..4305)], trnG	trnK [complement(1716..4268)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[7248..7270], trnG [7970..8017], atpF [complement(10121..10531)], atpF [complement(11260..11403)], rpoC1 [complement(19501..21117)], rpoC1 [complement(21899..22351)], ycf3 [complement(41952..42104)], ycf3 [complement(42805..43032)], ycf3 [complement(43759..43884)], trnL [46241..46275], trnL [46880..46929], trnV [complement(52914..52950)], trnV [complement(53552..53590)], rps12 [complement(71347..71460)], rps12 [141924..142154], rps12 [142691..142717], clpP [complement(71646..71873)], clpP [complement(72483..72774)], clpP [complement(73586..73656)], petB [76656..76661], petB [77481..78122], petD [78342..78350], petD [79148..79636], rpl16 [complement(83231..83629)], rpl16 [complement(84696..84704)], rpl2 [complement(86518..86952)], rpl2 [complement(87621..88010)], ndhB [complement(97204..97959)], ndhB [complement(98642..99418)], trnI [104602..104638], trnI [105588..105622], trnA [105687..105724], trnA [106527..106561], ndhA [complement(121569..122114)], ndhA [complement(123199..123750)], trnA [complement(136040..136074)], trnA [complement(136877..136914)], trnI [complement(136979..137013)], trnI [complement(137963..137999)], ndhB [143183..143959], ndhB [144642..145397], rpl2 [154585..154974], rpl2 [155649..156083]	[7271..7969], atpF [complement(10532..11259)], rpoC1 [complement(21118..21898)], ycf3 [complement(42105..42804)], ycf3 [complement(43033..43758)], trnL [46276..46879], trnV [complement(52951..53551)], clpP [complement(71874..72482)], clpP [complement(72775..73585)], petB [76662..77480], petD [78351..79147], rpl16 [complement(83630..84695)], rpl2 [complement(86953..87620)], ndhB [complement(97960..98641)], trnI [104639..105587], trnA [105725..106526], ndhA [complement(122115..123198)], trnA [complement(136075..136876)], trnI [complement(137014..137962)], ndhB [143960..144641], rpl2 [154975..155648]
3129.	SAIS	62	rps12 [complement(90517..90548)], rps12 [complement(91089..91320)], rps12 [complement(67464..67577)], trnK-UUU [complement(1380..1412)], trnK-UUU [complement(3912..3949)], rps16 [complement(4522..4739)], rps16 [complement(5567..5606)], trnG-UCC [complement(12764..12811)], trnG-UCC [complement(13504..13526)], atpF [33365..33523], atpF [34348..34755], ycf3 [complement(42554..42712)], ycf3 [complement(43434..43661)], ycf3 [complement(44387..44518)], trnL-UAA [47238..47272], trnL-UAA [47807..47856], trnV-UAC [complement(51305..51341)], trnV-UAC [complement(51933..51971)], petB [71304..71309], petB [72068..72715], petD [72898..72905], petD [73646..74120], rpl16 [complement(77683..78084)], rpl16 [complement(79152..79160)], rpl2 [complement(81144..81575)], rpl2 [complement(82239..82628)], ndhB [complement(87452..88207)], ndhB [complement(88920..89696)], trnI-GAU [95161..95202], trnI-GAU	trnK-UUU [complement(1413..3911)], rps16 [complement(4740..5566)], trnG-UCC [complement(12812..13503)], atpF [33524..34347], ycf3 [complement(42713..43433)], ycf3 [complement(43662..44386)], trnL-UAA [47273..47806], trnV-UAC [complement(51342..51932)], petB [71310..72067], petD [72906..73645], rpl16 [complement(78085..79151)], rpl2 [complement(81576..82238)], ndhB [complement(88208..88919)], trnI-GAU [95203..96147], trnA-UGC [96286..97090],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[96148..96182], trnA-UGC [96248..96285], trnA-UGC [97091..97125], ndhA [complement(112465..113004)], ndhA [complement(114050..114598)], trnA-UGC [complement(121950..121984)], trnA-UGC [complement(122790..122827)], trnI-GAU [complement(122893..122927)], trnI-GAU [complement(123873..123914)], ndhB [129379..130155], ndhB [130868..131623], rpl2 [136447..136836], rpl2 [137500..137931]	ndhA [complement(113005..114049)], trnA-UGC [complement(121985..122789)], trnI-GAU [complement(122928..123872)], ndhB [130156..130867], rpl2 [136837..137499]
3130.	SAIV	55	clpP [complement(14807..15037)], clpP [complement(15662..15952)], clpP [complement(16763..16831)], rpl2 [complement(29099..29533)], rpl2 [complement(30196..30588)], ndhB [complement(39201..39956)], ndhB [complement(40627..41403)], trnI [46935..46977], trnI [47913..47949], trnA [48012..48049], trnA [48871..48905], ndhA [complement(64021..64560)], ndhA [complement(65623..66174)], trnA [complement(78105..78139)], trnA [complement(78961..78998)], trnI [complement(79063..79097)], trnI [complement(80033..80075)], ndhB [85607..86383], ndhB [87054..87809], rpl2 [96422..96814], rpl2 [97477..97911], trnK [complement(99765..99793)], trnK [complement(102257..102293)], rps16 [complement(103085..103269)], rps16 [complement(104169..104211)], rpoC1 [113627..114055], rpoC1 [114784..116424], atpF [124330..124473], atpF [125181..125591], ycf3 [complement(139620..139772)], ycf3 [complement(140515..140742)], ycf3 [complement(141441..141566)], trnL [144454..144490], trnL [144931..144980], trnV [complement(148742..148778)], trnV [complement(149353..149390)]	clpP [complement(15038..15661)], clpP [complement(15953..16762)], rpl2 [complement(29534..30195)], ndhB [complement(39957..40626)], trnI [46978..47912], trnA [48050..48870], ndhA [complement(64561..65622)], trnA [complement(78140..78960)], trnI [complement(79098..80032)], ndhB [86384..87053], rpl2 [96815..97476], trnK [complement(99794..102256)], rps16 [complement(103270..104168)], rpoC1 [114056..114783], atpF [124474..125180], ycf3 [complement(139773..140514)], ycf3 [complement(140743..141440)], trnL [144491..144930], trnV [complement(148779..149352)]
3131.	SAJA	25	trnG-UCC [10659..10681], rps12 [140568..140593]	trnK-UUU [complement(3366..5874)], rps16 [complement(6681..7543)], trnG-UCC [10682..11365], atpF [complement(13812..14515)], rpoC1 [complement(24026..24780)], ycf3 [complement(43822..44563)], ycf3 [complement(44792..45497)], trnL-UAA [48545..49027], trnV-UAC [complement(52776..53368)], clpP [complement(71062..71672)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(71965..72654)], petB [75650..76379], petD [77218..77925], rpl16 [complement(82227..83088)], rpl2 [complement(85205..85867)], ndhB [complement(95729..96403)], trnI-GAU [102724..103671], trnA-UGC [103809..104613], ndhA [complement(120078..121082)], trnA-UGC [complement(133956..134760)], trnI-GAU [complement(134898..135845)], ndhB [142166..142840], rpl2 [152702..153364]
3132.	SAJP	12	rps12 [complement(97271..97513)], rps12 [complement(69056..69169)], rps12 [138605..138847], petB [74285..74290], petB [75062..75703], petD [75892..75900], petD [76600..77073], rpl16 [complement(80533..80931)], rpl16 [complement(81945..81953)]	petB [74291..75061], petD [75901..76599], rpl16 [complement(80932..81944)]
3133.	SAKI	9	rps12 [complement(97156..97398)], rps12 [complement(68937..69050)], rps12 [138446..138688], petB [74173..74178], petB [74910..75590], petD [75779..75787], petD [76436..76960]	petB [74179..74909], petD [75788..76435]
3134.	SAKO	39	rps12 [complement(14062..14091)], trnI-GAU [18790..18826], trnI-GAU [19776..19810], trnA-UGC [19875..19912], trnA-UGC [20715..20749], trnA-UGC [complement(50385..50419)], trnA-UGC [complement(51222..51259)], trnI-GAU [complement(51324..51358)], trnI-GAU [complement(52308..52344)], trnV-UAC [103603..103641], trnV-UAC [104251..104285], trnL-UAA [complement(108463..108512)], trnL-UAA [complement(109097..109131)], trnG-GCC [complement(147710..147757)], trnG-GCC [complement(148455..148477)], trnK-UUU [151285..151321], trnK-UUU [153874..153902]	rpl2 [complement(980..1647)], ndhB [complement(11993..12674)], trnI-GAU [18827..19775], trnA-UGC [19913..20714], ndhA [complement(36355..37462)], trnA-UGC [complement(50420..51221)], trnI-GAU [complement(51359..52307)], ndhB [58460..59141], rpl2 [69487..70154], rpl16 [72419..73532], petD [complement(78058..78835)], petB [complement(79711..80521)], clpP [83615..84450], clpP [84743..85327], trnV-UAC [103642..104250], trnL-UAA [complement(108513..109096)], ycf3 [111586..112308], ycf3 [112537..113216],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				rpoC1 [133834..134597], atpF [144429..145168], trnG-GCC [complement(147758..148454)], trnK-UUU [151322..153873]
3135.	SALE	9	rps12 [complement(97209..97451)], rps12 [complement(68977..69090)], rps12 [138371..138613], petB [74202..74207], petB [74948..75628], petD [75817..75825], petD [76474..76998]	petB [74208..74947], petD [75826..76473]
3136.	SALH	9	rps12 [complement(97301..97543)], rps12 [complement(69077..69190)], rps12 [138511..138753], petB [74302..74307], petB [75040..75720], petD [75909..75917], petD [76566..77090]	petB [74308..75039], petD [75918..76565]
3137.	SALI	73	rps12 [complement(111963..111988)], rps12 [complement(112525..112756)], rps12 [complement(82016..82129)], trnK-UUU [complement(1673..1707)], trnK-UUU [complement(4293..4329)], rps16 [complement(4912..5159)], rps16 [complement(7095..7134)], trnG-UCC [11935..11957], trnG-UCC [12729..12766], atpF [complement(14845..15258)], atpF [complement(16143..16301)], rpoC1 [complement(25345..26979)], rpoC1 [complement(27731..28165)], ycf3 [complement(49396..49548)], ycf3 [complement(50295..50522)], ycf3 [complement(51270..51398)], trnL-UAA [56621..56655], trnL-UAA [57384..57433], trnV-UAC [complement(61847..61883)], trnV-UAC [complement(62503..62541)], rps12 [complement(82016..82129)], rps12 [165377..165608], rps12 [166145..166170], clpP [complement(82254..82526)], clpP [complement(83391..83681)], clpP [complement(84499..84567)], petB [87772..87777], petB [88578..89219], petD [89445..89452], petD [90282..90756], rpl16 [complement(94501..94902)], rpl16 [complement(96003..96011)], rpl2 [complement(99218..99649)], rpl2 [complement(100307..100678)], ndhB [complement(108895..109650)], ndhB [complement(110347..111123)], trnI-GAU [116555..116596], trnI-GAU [117566..117600], trnA-UGC [117665..117702], trnA-UGC [118506..118540], ndhA [complement(143884..144426)], ndhA [complement(145554..146105)], trnA-UGC [complement(159593..159627)], trnA-UGC [complement(160431..160468)], trnI-GAU [complement(160533..160567)],	trnK-UUU [complement(1708..4292)], rps16 [complement(5160..7094)], trnG-UCC [11958..12728], atpF [complement(15259..16142)], rpoC1 [complement(26980..27730)], ycf3 [complement(49549..50294)], ycf3 [complement(50523..51269)], trnL-UAA [56656..57383], trnV-UAC [complement(61884..62502)], clpP [complement(82527..83390)], clpP [complement(83682..84498)], petB [87778..88577], petD [89453..90281], rpl16 [complement(94903..96002)], rpl2 [complement(99650..100306)], ndhB [complement(109651..110346)], trnI-GAU [116597..117565], trnA-UGC [117703..118505], ndhA [complement(144427..145553)], trnA-UGC [complement(159628..160430)], trnI-GAU [complement(160568..161536)], ndhB [167787..168482], rpl2 [177827..178483]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(161537..161578)], ndhB [167010..167786], ndhB [168483..169238], rpl2 [177455..177826], rpl2 [178484..178915]	
3138.	SALO	59	rps12 [complement(92247..92282)], rps12 [complement(92821..93051)], rps12 [complement(70088..70201)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3923..3960)], rps16 [complement(4517..4732)], rps16 [complement(5566..5607)], atpF [35352..35510], atpF [36347..36754], ycf3 [complement(44522..44680)], ycf3 [complement(45404..45631)], ycf3 [complement(46373..46504)], trnL-UAA [49283..49317], trnL-UAA [49858..49907], trnV-UAC [complement(53337..53373)], trnV-UAC [complement(53970..54008)], petB [73931..73936], petB [74759..75400], petD [75595..75603], petD [76353..76826], rpl16 [complement(80452..80853)], rpl16 [complement(81982..81990)], rpl2 [complement(83978..84409)], rpl2 [complement(85070..85462)], ndhB [complement(89178..89933)], ndhB [complement(90646..91422)], trnI-GAU [96882..96923], trnI-GAU [97870..97904], trnA-UGC [97970..98007], trnA-UGC [98819..98853], ndhA [complement(114980..115519)], ndhA [complement(116546..117094)], trnA-UGC [complement(124461..124495)], trnA-UGC [complement(125307..125344)], trnI-GAU [complement(125410..125444)], trnI-GAU [complement(126391..126432)], ndhB [131892..132668], ndhB [133381..134136], rpl2 [137852..138244], rpl2 [138905..139336]	trnK-UUU [complement(1410..3922)], rps16 [complement(4733..5565)], atpF [35511..36346], ycf3 [complement(44681..45403)], ycf3 [complement(45632..46372)], trnL-UAA [49318..49857], trnV-UAC [complement(53374..53969)], petB [73937..74758], petD [75604..76352], rpl16 [complement(80854..81981)], rpl2 [complement(84410..85069)], ndhB [complement(89934..90645)], trnI-GAU [96924..97869], trnA-UGC [98008..98818], ndhA [complement(115520..116545)], trnA-UGC [complement(124496..125306)], trnI-GAU [complement(125445..126390)], ndhB [132669..133380], rpl2 [138245..138904]
3139.	SAM A	45	rps12 [complement(97672..97697)], rps12 [complement(98238..98469)], rps12 [complement(69657..69770)], trnK [complement(1635..1669)], trnK [complement(4193..4229)], trnG [8704..8726], trnG [9470..9518], atpF [complement(11685..12094)], atpF [complement(12880..13024)], rpoC1 [complement(20962..22578)], rpoC1 [complement(23296..23727)], ycf3 [complement(43232..43384)], ycf3 [complement(44195..44422)], ycf3 [complement(45157..45282)], trnL [47989..48023], trnL [48562..48611], trnV [complement(52027..52061)], trnV [complement(52679..52717)], rps12 [139971..140202], rps12 [140743..140768], clpP [complement(69948..70175)], clpP [complement(70802..71093)], clpP [complement(72008..72078)], petB [74978..74983], petB [75723..76364], petD [76562..76569], petD [77382..77856], rpl16 [complement(81264..81686)], rpl16	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82698..82706)], rpl2 [complement(84408..84842)], rpl2 [complement(85506..85895)], ndhB [complement(94617..95372)], ndhB [complement(96052..96831)], trnI [102434..102470], trnI [103323..103357], trnA [103427..103464], trnA [104266..104300], ndhA [complement(119821..120359)], ndhA [complement(121375..121927)], trnA [complement(134140..134174)], trnA [complement(134976..135013)], trnI [complement(135083..135117)], trnI [complement(135970..136006)], ndhB [141609..142388], ndhB [143068..143823]	
3140.	SAM G	61	trnK-UUU [complement(1648..1676)], trnK-UUU [complement(4229..4265)], atpF [complement(9893..10291)], atpF [complement(11032..11175)], rpoC1 [complement(19245..20870)], rpoC1 [complement(21634..22068)], ycf3 [complement(42070..42222)], ycf3 [complement(42904..43131)], ycf3 [complement(43852..43980)], trnL-UAA [46307..46343], trnL-UAA [46928..46977], trnV-UAC [complement(51166..51202)], trnV-UAC [complement(51810..51848)], rps12 [complement(69300..69493)], rps12 [complement(97923..97950)], rps12 [complement(98486..98713)], rps12 [complement(69379..69492)], rps12 [140119..140349], rps12 [140886..140912], clpP [complement(69701..69928)], clpP [complement(70514..70804)], clpP [complement(71637..71705)], rpl16 [complement(81057..81457)], rpl16 [complement(82600..82609)], rpl2 [complement(84402..84872)], rpl2 [complement(85502..85900)], ndhB [complement(95094..95849)], ndhB [complement(96532..97308)], trnI-GAU [102647..102688], trnI-GAU [103633..103667], trnA-UGC [103732..103769], trnA-UGC [104572..104606], ndhA [complement(119661..120206)], ndhA [complement(121309..121860)], trnA-UGC [complement(134229..134263)], trnA-UGC [complement(135066..135103)], trnI-GAU [complement(135168..135202)], trnI-GAU [complement(136147..136188)], ndhB [141527..142303], ndhB [142986..143741], rpl2 [152935..153333], rpl2 [153963..154433]	trnK-UUU [complement(1677..4228)], atpF [complement(10292..11031)], rpoC1 [complement(20871..21633)], ycf3 [complement(42223..42903)], ycf3 [complement(43132..43851)], trnL-UAA [46344..46927], trnV-UAC [complement(51203..51809)], clpP [complement(69929..70513)], clpP [complement(70805..71636)], rpl16 [complement(81458..82599)], rpl2 [complement(84873..85501)], ndhB [complement(95850..96531)], trnI-GAU [102689..103632], trnA-UGC [103770..104571], ndhA [complement(120207..121308)], trnA-UGC [complement(134264..135065)], trnI-GAU [complement(135203..136146)], ndhB [142304..142985], rpl2 [153334..153962]
3141.	SAMI	24	rps12 [137997..138022]	trnK-UUU [complement(1708..4229)], rps16 [complement(5028..5901)], trnG-UCC [8943..9624], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12067..12765)], rpoC1 [complement(22253..23011)], ycf3 [complement(42035..42760)], ycf3 [complement(42989..43684)], trnL-UAA [46761..47213], trnV-UAC [complement(50832..51407)], clpP [complement(69083..69710)], clpP [complement(70003..70694)], petB [73676..74377], petD [75221..75940], rpl16 [complement(80259..81131)], rpl2 [complement(83232..83889)], ndhB [complement(93755..94429)], trnI-GAU [100513..101452], trnA-UGC [101590..102384], ndhA [complement(117811..118795)], trnA-UGC [complement(131640..132434)], trnI-GAU [complement(132572..133511)], ndhB [139595..140269], rpl2 [150135..150792]
3142.	SAM N	60	rps12 [complement(97991..98017)], rps12 [complement(98554..98784)], rps12 [complement(69437..69550)], trnK-UUU [complement(1649..1677)], trnK-UUU [complement(4230..4266)], atpF [complement(9979..10377)], atpF [complement(11119..11262)], rpoC1 [complement(19333..20958)], rpoC1 [complement(21709..22143)], ycf3 [complement(42154..42306)], ycf3 [complement(42986..43213)], ycf3 [complement(43934..44062)], trnL-UAA [46390..46426], trnL-UAA [47011..47060], trnV-UAC [complement(51236..51272)], trnV-UAC [complement(51880..51918)], rps12 [140180..140410], rps12 [140947..140973], clpP [complement(69752..69979)], clpP [complement(70564..70854)], clpP [complement(71694..71762)], rpl16 [complement(81111..81511)], rpl16 [complement(82671..82680)], rpl2 [complement(84470..84940)], rpl2 [complement(85570..85968)], ndhB [complement(95162..95917)], ndhB [complement(96600..97376)], trnI-GAU [102698..102739], trnI-GAU [103684..103718], trnA-UGC [103783..103820],	trnK-UUU [complement(1678..4229)], atpF [complement(10378..11118)], rpoC1 [complement(20959..21708)], ycf3 [complement(42307..42985)], ycf3 [complement(43214..43933)], trnL-UAA [46427..47010], trnV-UAC [complement(51273..51879)], clpP [complement(69980..70563)], clpP [complement(70855..71693)], rpl16 [complement(81512..82670)], rpl2 [complement(84941..85569)], ndhB [complement(95918..96599)], trnI-GAU [102740..103683], trnA-UGC [103821..104622], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [104623..104657], ndhA [complement(119725..120270)], ndhA [complement(121378..121929)], trnA-UGC [complement(134307..134341)], trnA-UGC [complement(135144..135181)], trnI-GAU [complement(135246..135280)], trnI-GAU [complement(136225..136266)], ndhB [141588..142364], ndhB [143047..143802], rpl2 [152996..153394], rpl2 [154024..154494]	[complement(120271..121377)], trnA-UGC [complement(134342..135143)], trnI-GAU [complement(135281..136224)], ndhB [142365..143046], rpl2 [153395..154023]
3143.	SAM U	64	rps12 [complement(101594..101836)], rps12 [complement(72511..72636)], trnK-UUU [complement(1723..1760)], trnK-UUU [complement(4294..4330)], rps16 [complement(5173..5398)], rps16 [complement(6231..6271)], trnG-GCC [9137..9159], trnG-GCC [9894..9942], atpF [complement(12021..12459)], atpF [complement(13187..13353)], rpoC1 [complement(21541..23160)], rpoC1 [complement(23863..24297)], ycf3 [complement(44513..44665)], ycf3 [complement(45432..45659)], ycf3 [complement(46388..46516)], trnL-UAA [49423..49459], trnL-UAA [49996..50045], trnV-UAC [complement(54063..54099)], trnV-UAC [complement(54704..54742)], rps12 [144295..144537], clpP [complement(72795..72993)], clpP [complement(73688..73978)], clpP [complement(74852..74919)], petB [77775..77781], petB [78575..79215], rpl2 [complement(87286..87714)], rpl2 [complement(88381..88773)], ndhB [complement(97998..98745)], ndhB [complement(99418..100193)], trnI-GAU [105740..105781], trnI-GAU [106729..106763], trnA-UGC [106828..106865], trnA-UGC [107706..107740], ndhA [complement(123668..124207)], ndhA [complement(125298..125870)], trnA-UGC [complement(138391..138425)], trnA-UGC [complement(139266..139303)], trnI-GAU [complement(139368..139402)], trnI-GAU [complement(140350..140391)], ndhB [145938..146816], ndhB [147387..148133], rpl2 [157358..157750], rpl2 [158411..158845]	trnK-UUU [complement(1761..4293)], rps16 [complement(5399..6230)], trnG-GCC [9160..9893], atpF [complement(12460..13186)], rpoC1 [complement(23161..23862)], ycf3 [complement(44666..45431)], ycf3 [complement(45660..46387)], trnL-UAA [49460..49995], trnV-UAC [complement(54100..54703)], clpP [complement(72994..73687)], clpP [complement(73979..74851)], petB [77782..78574], rpl2 [complement(87715..88380)], ndhB [complement(98746..99417)], trnI-GAU [105782..106728], trnA-UGC [106866..107705], ndhA [complement(124208..125297)], trnA-UGC [complement(138426..139265)], trnI-GAU [complement(139403..140349)], ndhB [146817..147386], rpl2 [157751..158410]
3144.	SANI	73	rps12 [complement(100612..100637)], rps12 [complement(101174..101405)], rps12 [complement(72385..72498)], trnK-UUU [complement(1841..1875)], trnK-UUU [complement(4403..4439)], rps16 [complement(5348..5539)], rps16 [complement(6398..6436)], trnG-GCC [9972..9992], trnG-GCC [10698..10744], atpF [complement(12724..13134)], atpF [complement(13867..14010)], rpoC1 [complement(21792..23408)], rpoC1	trnK-UUU [complement(1876..4402)], rps16 [complement(5540..6397)], trnG-GCC [9993..10697], atpF [complement(13135..13866)], rpoC1 [complement(23409..24170)], ycf3 [complement(44354..45097)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(24171..24602)], ycf3 [complement(44201..44353)], ycf3 [complement(45098..45327)], ycf3 [complement(46045..46168)], trnL-UAA [49177..49213], trnL-UAA [49731..49783], trnV-UAC [complement(53666..53702)], trnV-UAC [complement(54273..54310)], rps12 [complement(72385..72498)], rps12 [143815..144046], rps12 [144583..144608], clpP [complement(72648..72875)], clpP [complement(73511..73801)], clpP [complement(74607..74675)], petB [77594..77599], petB [78372..79013], petD [79202..79210], petD [79940..80413], rpl16 [complement(83921..84319)], rpl16 [complement(85372..85380)], rpl2 [complement(87116..87549)], rpl2 [complement(88223..88613)], ndhB [complement(97533..98288)], ndhB [complement(98968..99744)], trnI-GAU [105350..105386], trnI-GAU [106335..106367], trnA-UGC [106433..106470], trnA-UGC [107286..107320], ndhA [complement(123300..123838)], ndhA [complement(124925..125477)], trnA-UGC [complement(137900..137934)], trnA-UGC [complement(138750..138786)], trnI-GAU [complement(138851..138885)], trnI-GAU [complement(139834..139870)], ndhB [145476..146252], ndhB [146932..147687], rpl2 [156607..156996], rpl2 [157670..158104]	[complement(45328..46044)], trnL-UAA [49214..49730], trnV-UAC [complement(53703..54272)], clpP [complement(72876..73510)], clpP [complement(73802..74606)], petB [77600..78371], petD [79211..79939], rpl16 [complement(84320..85371)], rpl2 [complement(87550..88222)], ndhB [complement(98289..98967)], trnI-GAU [105387..106334], trnA-UGC [106471..107285], ndhA [complement(123839..124924)], trnA-UGC [complement(137935..138749)], trnI-GAU [complement(138886..139833)], ndhB [146253..146931], rpl2 [156997..157669]
3145.	SAOB	9	rps12 [complement(97232..97474)], rps12 [complement(68989..69102)], rps12 [138524..138766], petB [74219..74224], petB [74957..75637], petD [75826..75834], petD [76483..77007]	petB [74225..74956], petD [75835..76482]
3146.	SAOC	24	rpoC1 [complement(22792..23226)], rps12 [142277..142302]	trnK-UUU [complement(1741..4254)], rps16 [complement(5342..6240)], trnG-UCC [9127..9824], rpoC1 [complement(22043..22791)], ycf3 [complement(43330..44095)], ycf3 [complement(44324..45046)], trnL-UAA [48661..49214], trnV-UAC [complement(52862..53462)], clpP [complement(71326..71983)], clpP [complement(72275..73212)], petB [76203..76963], petD [77851..78600], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(82825..83835)], rpl2 [complement(86041..86713)], ndhB [complement(96425..97106)], trnI-GAU [103358..104306], trnA-UGC [104444..105257], ndhA [complement(121583..122767)], trnA-UGC [complement(135770..136583)], trnI-GAU [complement(136721..137669)], ndhB [143921..144602], rpl2 [154314..154986]
3147.	SAOF	55	rps12 [complement(92998..93026)], rps12 [complement(93567..93798)], rps12 [complement(69927..70040)], trnK-UUU [complement(1381..1413)], trnK-UUU [complement(3908..3945)], rps16 [complement(4502..4716)], rps16 [complement(5554..5593)], atpF [35603..35761], atpF [36579..36986], ycf3 [complement(44758..44916)], ycf3 [complement(45654..45881)], ycf3 [complement(46636..46767)], trnL-UAA [49521..49555], trnL-UAA [50008..50056], trnV-UAC [complement(53671..53707)], trnV-UAC [complement(54310..54348)], rps12 [130425..130656], rps12 [131197..131225], rpl16 [complement(80174..80575)], rpl16 [complement(81656..81664)], rpl2 [complement(83624..84055)], rpl2 [complement(84716..85108)], ndhB [complement(89933..90721)], ndhB [complement(91392..92168)], trnI-GAU [97660..97701], trnI-GAU [98649..98683], trnA-UGC [98749..98786], trnA-UGC [99597..99631], ndhA [complement(115088..115627)], ndhA [complement(116651..117199)], trnA- UGC [complement(124592..124626)], trnA-UGC [complement(125437..125474)], trnI-GAU [complement(125540..125574)], trnI-GAU [complement(126521..126562)], ndhB [132055..132831], ndhB [133502..134290], rpl2 [139115..139498], rpl2 [140168..140599]	trnK-UUU [complement(1414..3907)], rps16 [complement(4717..5553)], atpF [35762..36578], ycf3 [complement(44917..45653)], ycf3 [complement(45882..46635)], trnL-UAA [49556..50007], trnV-UAC [complement(53708..54309)], rpl16 [complement(80576..81655)], rpl2 [complement(84056..84715)], ndhB [complement(90722..91391)], trnI-GAU [97702..98648], trnA-UGC [98787..99596], ndhA [complement(115628..116650)], trnA- UGC [complement(124627..125436)], trnI- GAU [complement(125575..126520)], ndhB [132832..133501], rpl2 [139499..140167]
3148.	SAOI	69	rps12 [complement(95692..95717)], rps12 [complement(96254..96485)], rps12 [complement(68310..68435)], rps16 [complement(4855..5049)], rps16 [complement(5923..5964)], trnG-UCC [8616..8638], trnG-UCC [9324..9371], atpF [complement(11348..11758)], atpF [complement(12457..12600)], rpoC1 [complement(20395..22014)], rpoC1 [complement(22777..23232)], ycf3	rps16 [complement(5050..5922)], trnG-UCC [8639..9323], atpF [complement(11759..12456)], rpoC1 [complement(22015..22776)], ycf3 [complement(41785..42519)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(41632..41784)], ycf3 [complement(42520..42749)], ycf3 [complement(43458..43581)], trnL-UAA [46197..46233], trnL-UAA [46718..46767], trnV-UAC [complement(50411..50447)], trnV-UAC [complement(51029..51064)], rps12 [137012..137243], rps12 [137780..137805], clpP [complement(68558..68785)], clpP [complement(69400..69691)], clpP [complement(70412..70482)], petB [73397..73402], petB [74132..74773], petD [74957..74964], petD [75674..76148], rpl16 [complement(79578..79976)], rpl16 [complement(80837..80845)], rpl2 [complement(82511..82944)], rpl2 [complement(83608..83998)], ndhB [complement(92689..93444)], ndhB [complement(94120..94896)], trnI-GAU [100188..100224], trnI-GAU [101173..101207], trnA-UGC [101272..101309], trnA-UGC [102115..102149], ndhA [complement(116991..117529)], ndhA [complement(118537..119089)], trnA-UGC [complement(131348..131382)], trnA-UGC [complement(132188..132225)], trnI-GAU [complement(132290..132324)], trnI-GAU [complement(133273..133309)], ndhB [138601..139377], ndhB [140053..140808], rpl2 [149499..149889], rpl2 [150553..150986]	[complement(42750..43457)], trnL-UAA [46234..46717], trnV-UAC [complement(50448..51028)], clpP [complement(68786..69399)], clpP [complement(69692..70411)], petB [73403..74131], petD [74965..75673], rpl16 [complement(79977..80836)], rpl2 [complement(82945..83607)], ndhB [complement(93445..94119)], trnI-GAU [100225..101172], trnA-UGC [101310..102114], ndhA [complement(117530..118536)], trnA-UGC [complement(131383..132187)], trnI-GAU [complement(132325..133272)], ndhB [139378..140052], rpl2 [149890..150552]
3149.	SAOR	69	rps12 [complement(98528..98556)], rps12 [complement(99094..99325)], rps12 [complement(69758..69871)], trnK-UUU [complement(1647..1675)], trnK-UUU [complement(4228..4264)], trnG-GCC [7089..7111], trnG-GCC [7806..7853], atpF [complement(9978..10388)], atpF [complement(11130..11273)], rpoC1 [complement(19383..20999)], rpoC1 [complement(21775..22227)], ycf3 [complement(42242..42394)], ycf3 [complement(43075..43302)], ycf3 [complement(44026..44151)], trnL [46480..46516], trnL [47102..47151], trnV-UAC [complement(51311..51347)], trnV-UAC [complement(51955..51993)], rps12 [140673..140904], rps12 [141441..141466], clpP [complement(70096..70323)], clpP [complement(70909..71200)], clpP [complement(72037..72107)], petB [75125..75130], petB [75942..76583], petD [76808..76816], petD [77596..78084], rpl16 [complement(81668..82066)], rpl16 [complement(83187..83195)], rpl2 [complement(85011..85445)], rpl2 [complement(86114..86509)], ndhB [complement(95703..96458)], ndhB	trnK-UUU [complement(1676..4227)], trnG-GCC [7112..7805], atpF [complement(10389..11129)], rpoC1 [complement(21000..21774)], ycf3 [complement(42395..43074)], ycf3 [complement(43303..44025)], trnL [46517..47101], trnV-UAC [complement(51348..51954)], clpP [complement(70324..70908)], clpP [complement(71201..72036)], petB [75131..75941], petD [76817..77595], rpl16 [complement(82067..83186)], rpl2 [complement(85446..86113)], ndhB [complement(96459..97140)], trnI-GAU [103299..104242], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97141..97917)], trnI-GAU [103257..103298], trnI-GAU [104243..104277], trnA-UGC [104342..104379], trnA-UGC [105182..105216], ndhA [complement(120241..120786)], ndhA [complement(121895..122446)], trnA-UGC [complement(134782..134816)], trnA-UGC [complement(135619..135656)], trnI-GAU [complement(135721..135755)], trnI-GAU [complement(136705..136741)], ndhB [142081..142857], ndhB [143540..144295], rpl2 [153489..153884], rpl2 [154553..154987]	[104380..105181], ndhA [complement(120787..121894)], trnA-UGC [complement(134817..135618)], trnI-GAU [complement(135756..136704)], ndhB [142858..143539], rpl2 [153885..154552]
3150.	SAPA	60	rps12 [complement(98280..98306)], rps12 [complement(98843..99073)], rps12 [complement(69849..69962)], trnK-UUU [complement(1653..1681)], trnK-UUU [complement(4234..4270)], atpF [complement(10033..10443)], atpF [complement(11175..11318)], rpoC1 [complement(19378..21003)], rpoC1 [complement(21774..22208)], ycf3 [complement(42225..42377)], ycf3 [complement(43094..43321)], ycf3 [complement(44044..44172)], trnL-UAA [46490..46526], trnL-UAA [47101..47150], trnV-UAC [complement(51276..51312)], trnV-UAC [complement(52285..52323)], rps12 [140821..141051], rps12 [141588..141614], clpP [complement(70148..70375)], clpP [complement(70967..71257)], clpP [complement(72088..72156)], rpl16 [complement(81538..81938)], rpl16 [complement(83090..83099)], rpl2 [complement(84904..85374)], rpl2 [complement(86004..86402)], ndhB [complement(95602..96357)], ndhB [complement(97040..97816)], trnI-GAU [103008..103049], trnI-GAU [103992..104026], trnA-UGC [104091..104128], trnA-UGC [104932..104966], ndhA [complement(120218..120763)], ndhA [complement(121851..122402)], trnA-UGC [complement(134928..134962)], trnA-UGC [complement(135766..135803)], trnI-GAU [complement(135868..135902)], trnI-GAU [complement(136845..136886)], ndhB [142078..142854], ndhB [143537..144292], rpl2 [153492..153890], rpl2 [154520..154990]	trnK-UUU [complement(1682..4233)], atpF [complement(10444..11174)], rpoC1 [complement(21004..21773)], ycf3 [complement(42378..43093)], ycf3 [complement(43322..44043)], trnL-UAA [46527..47100], trnV-UAC [complement(51313..52284)], clpP [complement(70376..70966)], clpP [complement(71258..72087)], rpl16 [complement(81939..83089)], rpl2 [complement(85375..86003)], ndhB [complement(96358..97039)], trnI-GAU [103050..103991], trnA-UGC [104129..104931], ndhA [complement(120764..121850)], trnA-UGC [complement(134963..135765)], trnI-GAU [complement(135903..136844)], ndhB [142855..143536], rpl2 [153891..154519]
3151.	SAPB	9	rps12 [complement(97317..97559)], rps12 [complement(69078..69191)], rps12 [138606..138848], petB [74319..74324], petB [75057..75737], petD [75926..75934], petD [76583..77107]	petB [74325..75056], petD [75935..76582]
3152.	SAPB	2	rps12 [complement(90463..90494)], rps12 [128486..128517]	-
3153.	SAPN	54	rps12 [complement(100877..100902)], rps12 [complement(101439..101670)],	trnK-UUU [complement(1844..4358)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(73040..73153)], trnK-UUU [complement(1809..1843)], trnK-UUU [complement(4359..4395)], rps16 [complement(5104..5318)], rps16 [complement(6175..6214)], trnG [9391..9413], trnG [10111..10158], rpoC1 [complement(23805..24239)], trnL-UAA [49240..49276], trnL-UAA [49772..49821], trnV-UAC [complement(53958..53994)], trnV-UAC [complement(54564..54601)], rps12 [complement(73040..73153)], rps12 [142830..143061], rps12 [143598..143623], clpP [complement(73292..73519)], clpP [complement(74155..74446)], clpP [complement(75241..75311)], ndhB [complement(97858..98613)], ndhB [complement(99293..100069)], trnI-GAU [105389..105430], trnI-GAU [106150..106184], trnA-UGC [106249..106286], trnA-UGC [107098..107132], ndhA [complement(124339..124890)], trnA-UGC [complement(137368..137402)], trnA-UGC [complement(138214..138251)], trnI-GAU [complement(138316..138350)], trnI-GAU [complement(139070..139111)], rpl2 [155340..155730], rpl2 [156397..156830]	[complement(5319..6174)], trnG [9414..10110], atpF [complement(12567..13193)], rpoC1 [complement(23080..23804)], ycf3 [complement(44372..45134)], ycf3 [complement(45363..46101)], trnL-UAA [49277..49771], trnV-UAC [complement(53995..54563)], clpP [complement(73520..74154)], clpP [complement(74447..75240)], petB [78268..79020], rpl16 [complement(84893..85931)], rpl2 [complement(88018..88680)], ndhB [complement(98614..99292)], trnI-GAU [105431..106149], trnA-UGC [106287..107097], ndhA [complement(123180..124338)], trnA-UGC [complement(137403..138213)], trnI-GAU [complement(138351..139069)], rpl2 [155731..156396]
3154.	SAPO	58	rps12 [complement(97183..97425)], rps12 [complement(68969..69082)], trnK-UUU [complement(1732..1767)], trnK-UUU [complement(4230..4266)], rps16 [complement(5054..5266)], rps16 [complement(6126..6167)], rpoC1 [15649..16077], rpoC1 [16806..18446], atpF [26352..26495], atpF [27203..27613], ycf3 [complement(41608..41760)], ycf3 [complement(42503..42730)], ycf3 [complement(43429..43554)], trnL-UAA [46411..46447], trnL-UAA [46888..46937], trnV-UAC [complement(50691..50727)], trnV-UAC [complement(51303..51340)], rps12 [138481..138723], clpP [complement(69238..69465)], clpP [complement(70096..70386)], clpP [complement(71197..71265)], rpl2 [complement(83532..83966)], rpl2 [complement(84629..85021)], ndhB [complement(93620..94375)], ndhB [complement(95046..95822)], trnI-GAU	trnK-UUU [complement(1768..4229)], rps16 [complement(5267..6125)], rpoC1 [16078..16805], atpF [26496..27202], ycf3 [complement(41761..42502)], ycf3 [complement(42731..43428)], trnL-UAA [46448..46887], trnV-UAC [complement(50728..51302)], clpP [complement(69466..70095)], clpP [complement(70387..71196)], rpl2 [complement(83967..84628)], ndhB [complement(94376..95045)], trnI-GAU [101395..102329], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101352..101394], trnI-GAU [102330..102364], trnA-UGC [102429..102466], trnA-UGC [103288..103322], ndhA [complement(118444..118983)], ndhA [complement(120045..120596)], trnA-UGC [complement(132584..132618)], trnA-UGC [complement(133440..133477)], trnI-GAU [complement(133542..133576)], trnI-GAU [complement(134512..134554)], ndhB [140084..140860], ndhB [141531..142286], rpl2 [150885..151277], rpl2 [151940..152374]	[102467..103287], ndhA [complement(118984..120044)], trnA-UGC [complement(132619..133439)], trnI-GAU [complement(133577..134511)], ndhB [140861..141530], rpl2 [151278..151939]
3155.	SAPR	72	rps12 [complement(96020..96045)], rps12 [complement(96572..96803)], rps12 [complement(68661..68774)], trnK-UUU [complement(1689..1723)], trnK-UUU [complement(4254..4290)], rps16 [complement(4862..5056)], rps16 [complement(5927..5968)], trnG-UCC [9012..9034], trnG-UCC [9720..9767], atpF [complement(11741..12151)], atpF [complement(12846..12989)], rpoC1 [complement(20743..22362)], rpoC1 [complement(23129..23584)], ycf3 [complement(41859..42011)], ycf3 [complement(42741..42968)], ycf3 [complement(43667..43795)], trnL-UAA [46678..46714], trnL-UAA [47168..47217], trnV-UAC [complement(50748..50784)], trnV-UAC [complement(51361..51396)], rps12 [137249..137480], rps12 [138007..138032], clpP [complement(68898..69125)], clpP [complement(69746..70037)], clpP [complement(70730..70800)], petB [73714..73719], petB [74421..75062], petD [75256..75263], petD [75979..76453], rpl16 [complement(79898..80296)], rpl16 [complement(81168..81176)], rpl2 [complement(82834..83267)], rpl2 [complement(83926..84316)], ndhB [complement(93017..93772)], ndhB [complement(94448..95170)], trnI-GAU [100469..100505], trnI-GAU [101447..101481], trnA-UGC [101546..101583], trnA-UGC [102388..102422], ndhA [complement(117277..117815)], ndhA [complement(118826..119378)], trnA-UGC [complement(131630..131664)], trnA-UGC [complement(132469..132506)], trnI-GAU [complement(132571..132605)], trnI-GAU [complement(133547..133583)], ndhB [138882..139604], ndhB [140280..141035], rpl2 [149736..150126], rpl2 [150785..151218]	trnK-UUU [complement(1724..4253)], rps16 [complement(5057..5926)], trnG-UCC [9035..9719], atpF [complement(12152..12845)], rpoC1 [complement(22363..23128)], ycf3 [complement(42012..42740)], ycf3 [complement(42969..43666)], trnL-UAA [46715..47167], trnV-UAC [complement(50785..51360)], clpP [complement(69126..69745)], clpP [complement(70038..70729)], petB [73720..74420], petD [75264..75978], rpl16 [complement(80297..81167)], rpl2 [complement(83268..83925)], ndhB [complement(93773..94447)], trnI-GAU [100506..101446], trnA-UGC [101584..102387], ndhA [complement(117816..118825)], trnA-UGC [complement(131665..132468)], trnI-GAU [complement(132606..133546)], ndhB [139605..140279], rpl2 [150127..150784]
3156.	SAPS	9	rps12 [complement(97220..97462)], rps12 [complement(68991..69104)], rps12 [138402..138644], petB [74228..74233], petB [74966..75646], petD	petB [74234..74965], petD [75844..76491]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75835..75843], petD [76492..77016]	
3157.	SAPU	40	rps12 [57048..57077], rps12 [complement(14062..14091)], trnI-GAU [18790..18826], trnI-GAU [19776..19810], trnA-UGC [19875..19912], trnA-UGC [20715..20749], trnA-UGC [complement(50390..50424)], trnA-UGC [complement(51227..51264)], trnI-GAU [complement(51329..51363)], trnI-GAU [complement(52313..52349)], trnV-UAC [103638..103676], trnV-UAC [104286..104320], trnL-UAA [complement(108471..108520)], trnL-UAA [complement(109106..109140)], trnG-GCC [complement(147750..147797)], trnG-GCC [complement(148495..148517)], trnK-UUU [151318..151354], trnK-UUU [153915..153943]	rpl2 [complement(980..1647)], ndhB [complement(11993..12674)], trnI-GAU [18827..19775], trnA-UGC [19913..20714], ndhA [33671..34781], trnA-UGC [complement(50425..51226)], trnI-GAU [complement(51364..52312)], ndhB [58465..59146], rpl2 [69492..70159], rpl16 [72423..73542], petD [complement(78016..78794)], petB [complement(79670..80480)], clpP [83575..84418], clpP [84711..85294], trnV-UAC [103677..104285], trnL-UAA [complement(108521..109105)], ycf3 [111595..112317], ycf3 [112546..113223], rpoC1 [133853..134615], atpF [144446..145186], trnG-GCC [complement(147798..148494)], trnK-UUU [151355..153914]
3158.	SAPZ	9	rps12 [complement(97329..97571)], rps12 [complement(69068..69181)], rps12 [138642..138884], petB [74329..74334], petB [75067..75747], petD [75936..75944], petD [76593..77117]	petB [74335..75066], petD [75945..76592]
3159.	SARA	72	rps12 [complement(99405..99430)], rps12 [complement(99982..100210)], rps12 [complement(70552..70665)], trnK-UUU [complement(1583..1617)], trnK-UUU [complement(4208..4244)], rps16 [complement(4969..5186)], rps16 [complement(6054..6093)], trnG-UCC [9007..9029], trnG-UCC [9746..9793], atpF [complement(11751..12161)], atpF [complement(12960..13103)], rpoC1 [complement(20956..22576)], rpoC1 [complement(23327..23754)], ycf3 [complement(42512..42672)], ycf3 [complement(43406..43633)], ycf3 [complement(44362..44485)], trnL-UAA [47251..47285], trnL-UAA [47797..47846], trnV-UAC [complement(51938..51974)], trnV-UAC [complement(52563..52601)], rps12 [141959..142187], rps12	trnK-UUU [complement(1618..4207)], rps16 [complement(5187..6053)], trnG-UCC [9030..9745], atpF [complement(12162..12959)], rpoC1 [complement(22577..23326)], ycf3 [complement(42673..43405)], ycf3 [complement(43634..44361)], trnL-UAA [47286..47796], trnV-UAC [complement(51975..52562)], clpP [complement(71047..71729)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142739..142764], clpP [complement(70795..71046)], clpP [complement(71730..72021)], clpP [complement(72876..72946)], petB [75908..75913], petB [76696..77343], petD [77537..77544], petD [78282..78795], rpl16 [complement(82186..82584)], rpl16 [complement(83794..83802)], rpl2 [complement(85673..86104)], rpl2 [complement(86767..87156)], ndhB [complement(96339..97094)], ndhB [complement(97799..98575)], trnI-GAU [104194..104235], trnI-GAU [105173..105207], trnA-UGC [105272..105309], trnA-UGC [106111..106145], ndhA [complement(121559..122097)], ndhA [complement(123172..123724)], trnA-UGC [complement(136024..136058)], trnA-UGC [complement(136860..136897)], trnI-GAU [complement(136962..136996)], trnI-GAU [complement(137934..137975)], ndhB [143594..144370], ndhB [145075..145830], rpl2 [155013..155402], rpl2 [156065..156496]	[complement(72022..72875)], petB [75914..76695], petD [77545..78281], rpl16 [complement(82585..83793)], rpl2 [complement(86105..86766)], ndhB [complement(97095..97798)], trnI-GAU [104236..105172], trnA-UGC [105310..106110], ndhA [complement(122098..123171)], trnA-UGC [complement(136059..136859)], trnI-GAU [complement(136997..137933)], ndhB [144371..145074], rpl2 [155403..156064]
3160.	SARE	60	rps12 [complement(97980..98006)], rps12 [complement(98543..98773)], rps12 [complement(69379..69492)], trnK-UUU [complement(1646..1674)], trnK-UUU [complement(4227..4263)], atpF [complement(9972..10370)], atpF [complement(11112..11255)], rpoC1 [complement(19326..20945)], rpoC1 [complement(21696..22130)], ycf3 [complement(42167..42319)], ycf3 [complement(43000..43227)], ycf3 [complement(43948..44076)], trnL-UAA [46406..46442], trnL-UAA [47028..47077], trnV-UAC [complement(51254..51290)], trnV-UAC [complement(51898..51936)], rps12 [140193..140423], rps12 [140960..140986], clpP [complement(69701..69928)], clpP [complement(70514..70804)], clpP [complement(71644..71712)], rpl16 [complement(81117..81517)], rpl16 [complement(82660..82669)], rpl2 [complement(84459..84929)], rpl2 [complement(85559..85957)], ndhB [complement(95151..95906)], ndhB [complement(96589..97365)], trnI-GAU [102704..102745], trnI-GAU [103690..103724], trnA-UGC [103789..103826], trnA-UGC [104629..104663], ndhA [complement(119725..120270)], ndhA [complement(121381..121932)], trnA-UGC [complement(134303..134337)], trnA-UGC [complement(135140..135177)], trnI-GAU [complement(135242..135276)], trnI-GAU [complement(136221..136262)], ndhB [141601..142377], ndhB [143060..143815], rpl2 [153009..153407], rpl2	trnK-UUU [complement(1675..4226)], atpF [complement(10371..11111)], rpoC1 [complement(20946..21695)], ycf3 [complement(42320..42999)], ycf3 [complement(43228..43947)], trnL-UAA [46443..47027], trnV-UAC [complement(51291..51897)], clpP [complement(69929..70513)], clpP [complement(70805..71643)], rpl16 [complement(81518..82659)], rpl2 [complement(84930..85558)], ndhB [complement(95907..96588)], trnI-GAU [102746..103689], trnA-UGC [103827..104628], ndhA [complement(120271..121380)], trnA-UGC [complement(134338..135139)], trnI-GAU [complement(135277..136220)], ndhB [142378..143059], rpl2 [153408..154036]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[154037..154507]	
3161.	SARO	72	rps12 [complement(96642..96667)], rps12 [complement(97204..97435)], rps12 [complement(69261..69389)], trnK-UUU [complement(1709..1743)], trnK-UUU [complement(4219..4255)], rps16 [complement(4795..5021)], rps16 [complement(5887..5926)], trnG-UCC [9175..9197], trnG-UCC [9883..9930], atpF [complement(11908..12318)], atpF [complement(13017..13160)], rpoC1 [complement(20927..22546)], rpoC1 [complement(23316..23771)], ycf3 [complement(42577..42729)], ycf3 [complement(43466..43695)], ycf3 [complement(44403..44526)], trnL-UAA [47419..47453], trnL-UAA [47946..47995], trnV-UAC [complement(51626..51660)], trnV-UAC [complement(52237..52274)], rps12 [138383..138614], rps12 [139151..139176], clpP [complement(69513..69740)], clpP [complement(70372..70663)], clpP [complement(71356..71426)], petB [74329..74334], petB [75056..75697], petD [75885..75892], petD [76602..77076], rpl16 [complement(80490..80888)], rpl16 [complement(81762..81770)], rpl2 [complement(83459..83892)], rpl2 [complement(84556..84946)], ndhB [complement(93639..94394)], ndhB [complement(95070..95846)], trnI-GAU [101176..101212], trnI-GAU [102160..102194], trnA-UGC [102260..102297], trnA-UGC [103103..103137], ndhA [complement(118271..118809)], ndhA [complement(119819..120371)], trnA-UGC [complement(132681..132715)], trnA-UGC [complement(133521..133558)], trnI-GAU [complement(133624..133658)], trnI-GAU [complement(134606..134642)], ndhB [139972..140748], ndhB [141424..142179], rpl2 [150872..151262], rpl2 [151926..152359]	trnK-UUU [complement(1744..4218)], rps16 [complement(5022..5886)], trnG-UCC [9198..9882], atpF [complement(12319..13016)], rpoC1 [complement(22547..23315)], ycf3 [complement(42730..43465)], ycf3 [complement(43696..44402)], trnL-UAA [47454..47945], trnV-UAC [complement(51661..52236)], clpP [complement(69741..70371)], clpP [complement(70664..71355)], petB [74335..75055], petD [75893..76601], rpl16 [complement(80889..81761)], rpl2 [complement(83893..84555)], ndhB [complement(94395..95069)], trnI-GAU [101213..102159], trnA-UGC [102298..103102], ndhA [complement(118810..119818)], trnA-UGC [complement(132716..133520)], trnI-GAU [complement(133659..134605)], ndhB [140749..141423], rpl2 [151263..151925]
3162.	SARR	58	trnK-UUU [complement(1648..1676)], trnK-UUU [complement(4229..4265)], atpF [complement(9981..10379)], atpF [complement(11121..11264)], rpoC1 [complement(19336..20961)], rpoC1 [complement(21725..22159)], ycf3 [complement(42197..42349)], ycf3 [complement(43032..43259)], ycf3 [complement(43980..44108)], trnL-UAA [46428..46464], trnL-UAA [47049..47098], trnV-UAC [complement(51283..51319)], trnV-UAC [complement(51927..51965)], rps12 [complement(69528..69641)], rps12 [140286..140516], rps12 [141053..141079], clpP [complement(69850..70077)],	trnK-UUU [complement(1677..4228)], atpF [complement(10380..11120)], rpoC1 [complement(20962..21724)], ycf3 [complement(42350..43031)], ycf3 [complement(43260..43979)], trnL-UAA [46465..47048], trnV-UAC [complement(51320..51926)], clpP [complement(70078..70663)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>clpP [complement(70664..70954)], clpP [complement(71794..71862)], rpl16 [complement(81218..81618)], rpl16 [complement(82761..82770)], rpl2 [complement(84556..85026)], rpl2 [complement(85656..86054)], ndhB [complement(95248..96003)], ndhB [complement(96686..97462)], trnI-GAU [102802..102843], trnI-GAU [103788..103822], trnA-UGC [103887..103924], trnA-UGC [104727..104761], ndhA [complement(119816..120361)], ndhA [complement(121473..122024)], trnA-UGC [complement(134395..134429)], trnA-UGC [complement(135232..135269)], trnI-GAU [complement(135334..135368)], trnI-GAU [complement(136313..136354)], ndhB [141694..142470], ndhB [143153..143908], rpl2 [153102..153500], rpl2 [154130..154600]</p>	<p>[complement(70955..71793)], rpl16 [complement(81619..82760)], rpl2 [complement(85027..85655)], ndhB [complement(96004..96685)], trnI-GAU [102844..103787], trnA-UGC [103925..104726], ndhA [complement(120362..121472)], trnA-UGC [complement(134430..135231)], trnI-GAU [complement(135369..136312)], ndhB [142471..143152], rpl2 [153501..154129]</p>
3163.	SASA	26	<p>rps12 [complement(77013..77126)], trnK-UUU [complement(1692..1726)], trnK-UUU [complement(4278..4314)], trnG-UCC [10349..10371], trnG-UCC [11096..11143], trnL-UAA [53266..53300], trnL-UAA [53849..53898], trnV-UAC [complement(57514..57550)], trnV-UAC [complement(58169..58207)], rps12 [162963..162988], trnI-GAU [110519..110555], trnI-GAU [111509..111543], trnA-UGC [111608..111645], trnA-UGC [112448..112482], trnA-UGC [complement(156272..156306)], trnA-UGC [complement(157109..157146)], trnI-GAU [complement(157211..157245)], trnI-GAU [complement(158199..158235)]</p>	<p>trnK-UUU [complement(1727..4277)], trnG-UCC [10372..11095], trnL-UAA [53301..53848], trnV-UAC [complement(57551..58168)], trnI-GAU [110556..111508], trnA-UGC [111646..112447], trnA-UGC [complement(156307..157108)], trnI-GAU [complement(157246..158198)]</p>
3164.	SASI	23	<p>rps12 [141945..141970]</p>	<p>trnK-UUU [complement(1786..4293)], rps16 [complement(5367..6270)], trnG-UCC [9108..9804], rpoC1 [complement(21986..22734)], ycf3 [complement(43262..44028)], ycf3 [complement(44257..44985)], trnL-UAA [48562..49135], trnV-UAC [complement(52775..53375)], clpP [complement(71259..71914)], clpP [complement(72206..73026)], petB [76017..76776], petD [77661..78387], rpl16 [complement(82621..83626)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(85841..86513)], ndhB [complement(96205..96886)], trnI-GAU [103144..104093], trnA-UGC [104231..105042], ndhA [complement(121253..122431)], trnA-UGC [complement(135433..136244)], trnI-GAU [complement(136382..137331)], ndhB [143589..144270], rpl2 [153962..154634]
3165.	SASL	9	rps12 [complement(97225..97467)], rps12 [complement(69006..69119)], rps12 [138366..138608], petB [74231..74236], petB [74969..75649], petD [75838..75846], petD [76495..77019]	petB [74237..74968], petD [75847..76494]
3166.	SASP	48	trnK-UUU [complement(1380..1413)], trnK-UUU [complement(3906..3944)], atpF [35614..35758], atpF [36591..36997], trnL-UAA [49534..49567], trnL- UAA [50021..50069], trnV-UAC [complement(53682..53719)], trnV-UAC [complement(54321..54360)], rps12 [complement(69931..70044)], rps12 [130423..130654], rps12 [131195..131223], petB [73802..73807], petB [74564..75205], rpl16 [complement(80170..80571)], rpl16 [complement(81656..81664)], rpl2 [complement(83624..84054)], rpl2 [complement(84718..85108)], ndhB [complement(89927..90682)], ndhB [complement(91386..92162)], trnI-GAU [97655..97695], trnI-GAU [98643..98676], trnA-UGC [98743..98779], trnA-UGC [99591..99624], ndhA [complement(115086..115624)], ndhA [complement(116648..117197)], trnA- UGC [complement(124589..124624)], trnA-UGC [complement(125434..125472)], trnI-GAU [complement(125537..125572)], trnI-GAU [complement(126518..126560)], ndhB [132053..132829], ndhB [133533..134288], rpl2 [139113..139497], rpl2 [140161..140591]	trnK-UUU [complement(1414..3905)], atpF [35759..36590], trnL-UAA [49568..50020], trnV-UAC [complement(53720..54320)], petB [73808..74563], rpl16 [complement(80572..81655)], rpl2 [complement(84055..84717)], ndhB [complement(90683..91385)], trnI-GAU [97696..98642], trnA-UGC [98780..99590], ndhA [complement(115625..116647)], trnA- UGC [complement(124625..125433)], trnI- GAU [complement(125573..126517)], ndhB [132830..133532], rpl2 [139498..140160]
3167.	SASR	72	rps12 [complement(98935..98960)], rps12 [complement(99506..99737)], rps12 [complement(71133..71246)], trnK [complement(1577..1611)], trnK [complement(4149..4185)], rps16 [complement(4734..4960)], rps16 [complement(5853..5892)], trnG [9099..9121], trnG [9830..9877], atpF [complement(12050..12459)], atpF [complement(13234..13378)], rpoC1 [complement(21028..22644)], rpoC1 [complement(23391..23822)], ycf3	trnK [complement(1612..4148)], rps16 [complement(4961..5852)], trnG [9122..9829], atpF [complement(12460..13233)], rpoC1 [complement(22645..23390)], ycf3 [complement(43887..44667)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43734..43886)], ycf3 [complement(44668..44897)], ycf3 [complement(45645..45768)], trnL-UAA [48704..48738], trnL-UAA [49244..49293], trnC-ACA [complement(52751..52784)], trnC-ACA [complement(53381..53419)], rps12 [141407..141638], rps12 [142184..142209], clpP [complement(71422..71649)], clpP [complement(72267..72558)], clpP [complement(73435..73505)], petB [76349..76354], petB [77187..77828], petD [78020..78027], petD [78803..79277], rpl16 [complement(82940..83338)], rpl16 [complement(84345..84353)], rpl2 [complement(86037..86470)], rpl2 [complement(87135..87525)], ndhB [complement(95890..96645)], ndhB [complement(97324..98100)], trnI-GAU [103697..103733], trnI-GAU [104587..104621], trnA-UGC [104686..104723], trnA-UGC [105532..105566], ndhA [complement(121193..121731)], ndhA [complement(122781..123333)], trnA-UGC [complement(135578..135612)], trnA-UGC [complement(136421..136458)], trnI-GAU [complement(136523..136557)], trnI-GAU [complement(137411..137447)], ndhB [143044..143820], ndhB [144499..145254], rpl2 [153619..154009], rpl2 [154674..155107]	[complement(44898..45644)], trnL-UAA [48739..49243], trnC-ACA [complement(52785..53380)], clpP [complement(71650..72266)], clpP [complement(72559..73434)], petB [76355..77186], petD [78028..78802], rpl16 [complement(83339..84344)], rpl2 [complement(86471..87134)], ndhB [complement(96646..97323)], trnI-GAU [103734..104586], trnA-UGC [104724..105531], ndhA [complement(121732..122780)], trnA-UGC [complement(135613..136420)], trnI-GAU [complement(136558..137410)], ndhB [143821..144498], rpl2 [154010..154673]
3168.	SAST	66	rps12 [complement(95593..95619)], rps12 [complement(96140..96370)], rps12 [complement(68669..68782)], trnK-UUU [complement(1652..1686)], trnK-UUU [complement(4215..4251)], rps16 [complement(4955..5181)], rps16 [complement(6049..6088)], trnG-GCC [8945..8968], trnG-GCC [9672..9719], atpF [complement(11805..12215)], atpF [complement(12944..13087)], rpoC1 [complement(20883..22501)], rpoC1 [complement(23235..23664)], ycf3 [complement(42318..42469)], ycf3 [complement(43238..43466)], ycf3 [complement(44182..44307)], trnL-UAA [47304..47340], trnL-UAA [47864..47913], trnV-UAC [complement(51388..51424)], trnV-UAC [complement(52008..52046)], rps12 [137435..137665], rps12 [138186..138212], clpP [complement(68938..69165)], clpP [complement(69749..70040)], clpP [complement(70668..70738)], petB [73578..73583], petB [74423..75064], petD [75255..75262], petD [75975..76476], rpl16 [complement(79947..80342)], rpl16 [complement(81430..81438)], ndhB [complement(92527..93282)], ndhB	trnK-UUU [complement(1687..4214)], rps16 [complement(5182..6048)], trnG-GCC [8969..9671], atpF [complement(12216..12943)], rpoC1 [complement(22502..23234)], ycf3 [complement(42470..43237)], ycf3 [complement(43467..44181)], trnL-UAA [47341..47863], trnV-UAC [complement(51425..52007)], clpP [complement(69166..69748)], clpP [complement(70041..70667)], petB [73584..74422], petD [75263..75974], rpl16 [complement(80343..81429)], ndhB [complement(93283..93961)], trnI-GAU [100150..101085], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(93962..94738)], trnI-GAU [100108..100149], trnI-GAU [101086..101120], trnA-UGC [101185..101222], trnA-UGC [102012..102053], ndhA [complement(117368..117907)], ndhA [complement(118986..119537)], trnA-UGC [complement(131752..131786)], trnA-UGC [complement(132583..132620)], trnI-GAU [complement(132685..132719)], trnI-GAU [complement(133656..133697)], ndhB [139067..139843], ndhB [140523..141278]	[101223..102011], ndhA [complement(117908..118985)], trnA-UGC [complement(131787..132582)], trnI-GAU [complement(132720..133655)], ndhB [139844..140522]
3169.	SASU	40	rps12 [57047..57076], rps12 [complement(14062..14091)], trnI-GAU [18790..18826], trnI-GAU [19776..19810], trnA-UGC [19875..19912], trnA-UGC [20715..20749], trnA-UGC [complement(50389..50423)], trnA-UGC [complement(51226..51263)], trnI-GAU [complement(51328..51362)], trnI-GAU [complement(52312..52348)], trnV-UAC [103606..103644], trnV-UAC [104254..104288], trnL-UAA [complement(108275..108324)], trnL-UAA [complement(108912..108946)], trnG-GCC [complement(147375..147422)], trnG-GCC [complement(148120..148142)], trnK-UUU [150950..150986], trnK-UUU [153539..153567]	rpl2 [complement(980..1647)], ndhB [complement(11993..12674)], trnI-GAU [18827..19775], trnA-UGC [19913..20714], ndhA [33673..34782], trnA-UGC [complement(50424..51225)], trnI-GAU [complement(51363..52311)], ndhB [58464..59145], rpl2 [69491..70158], rpl16 [72423..73536], petD [complement(78062..78839)], petB [complement(79715..80525)], clpP [83619..84454], clpP [84747..85333], trnV-UAC [103645..104253], trnL-UAA [complement(108325..108911)], ycf3 [111401..112123], ycf3 [112352..113030], rpoC1 [133499..134261], atpF [144092..144831], trnG-GCC [complement(147423..148119)], trnK-UUU [150987..153538]
3170.	SATA	60	rps12 [complement(98013..98039)], rps12 [complement(98576..98806)], rps12 [complement(69393..69506)], trnK-UUU [complement(1648..1676)], trnK-UUU [complement(4229..4265)], atpF [complement(9982..10380)], atpF [complement(11121..11264)], rpoC1 [complement(19336..20961)], rpoC1 [complement(21713..22147)], ycf3 [complement(42177..42329)], ycf3 [complement(43012..43239)], ycf3 [complement(43960..44088)], trnL-UAA [46417..46453], trnL-UAA [47037..47086], trnV-UAC	trnK-UUU [complement(1677..4228)], atpF [complement(10381..11120)], rpoC1 [complement(20962..21712)], ycf3 [complement(42330..43011)], ycf3 [complement(43240..43959)], trnL-UAA [46454..47036], trnV-UAC [complement(51300..51906)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51263..51299)], trnV-UAC [complement(51907..51945)], rps12 [140227..140457], rps12 [140994..141020], clpP [complement(69715..69942)], clpP [complement(70529..70819)], clpP [complement(71659..71727)], rpl16 [complement(81150..81550)], rpl16 [complement(82693..82702)], rpl2 [complement(84492..84962)], rpl2 [complement(85592..85990)], ndhB [complement(95184..95939)], ndhB [complement(96622..97398)], trnI-GAU [102737..102778], trnI-GAU [103723..103757], trnA-UGC [103822..103859], trnA-UGC [104662..104696], ndhA [complement(119758..120303)], ndhA [complement(121415..121966)], trnA-UGC [complement(134337..134371)], trnA-UGC [complement(135174..135211)], trnI-GAU [complement(135276..135310)], trnI-GAU [complement(136255..136296)], ndhB [141635..142411], ndhB [143094..143849], rpl2 [153043..153441], rpl2 [154071..154541]	[complement(69943..70528)], clpP [complement(70820..71658)], rpl16 [complement(81551..82692)], rpl2 [complement(84963..85591)], ndhB [complement(95940..96621)], trnI-GAU [102779..103722], trnA-UGC [103860..104661], ndhA [complement(120304..121414)], trnA-UGC [complement(134372..135173)], trnI-GAU [complement(135311..136254)], ndhB [142412..143093], rpl2 [153442..154070]
3171.	SATD	9	rps12 [complement(96331..96573)], rps12 [complement(68119..68232)], rps12 [137467..137709], petB [73344..73349], petB [74082..74762], petD [74951..74959], petD [75607..76131]	petB [73350..74081], petD [74960..75606]
3172.	SATE	69	rps12 [complement(98524..98552)], rps12 [complement(99090..99321)], rps12 [complement(69794..69907)], trnK-UUU [complement(1655..1683)], trnK-UUU [complement(4243..4279)], trnG-GCC [7500..7522], trnG-GCC [8226..8273], atpF [complement(10364..10774)], atpF [complement(11506..11649)], rpoC1 [complement(19757..21373)], rpoC1 [complement(22154..22606)], ycf3 [complement(42624..42776)], ycf3 [complement(43493..43720)], ycf3 [complement(44446..44571)], trnL [46881..46917], trnL [47499..47548], trnV-UAC [complement(51299..51335)], trnV-UAC [complement(51943..51981)], rps12 [140931..141162], rps12 [141699..141724], clpP [complement(70115..70342)], clpP [complement(70943..71234)], clpP [complement(72064..72134)], petB [75140..75145], petB [75965..76606], petD [76826..76834], petD [77619..78107], rpl16 [complement(81779..82177)], rpl16 [complement(83299..83307)], rpl2 [complement(85151..85585)], rpl2 [complement(86254..86649)], ndhB [complement(95849..96604)], ndhB [complement(97287..98063)], trnI-GAU [103242..103283], trnI-GAU	trnK-UUU [complement(1684..4242)], trnG-GCC [7523..8225], atpF [complement(10775..11505)], rpoC1 [complement(21374..22153)], ycf3 [complement(42777..43492)], ycf3 [complement(43721..44445)], trnL [46918..47498], trnV-UAC [complement(51336..51942)], clpP [complement(70343..70942)], clpP [complement(71235..72063)], petB [75146..75964], petD [76835..77618], rpl16 [complement(82178..83298)], rpl2 [complement(85586..86253)], ndhB [complement(96605..97286)], trnI-GAU [103284..104226], trnA-UGC [104364..105164], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104227..104261], trnA-UGC [104326..104363], trnA-UGC [105165..105199], ndhA [complement(120400..120945)], ndhA [complement(122035..122586)], trnA-UGC [complement(135053..135087)], trnA-UGC [complement(135889..135926)], trnI-GAU [complement(135991..136025)], trnI-GAU [complement(136974..137010)], ndhB [142189..142965], ndhB [143648..144403], rpl2 [153603..153998], rpl2 [154667..155101]	[complement(120946..122034)], trnA-UGC [complement(135088..135888)], trnI-GAU [complement(136026..136973)], ndhB [142966..143647], rpl2 [153999..154666]
3173.	SATI	71	rps12 [complement(100215..100240)], rps12 [complement(100777..101008)], rps12 [complement(72398..72511)], psbA [complement(156439..156676)], psbA [complement(1..824)], trnK-UUU [complement(1046..1084)], trnK-UUU [complement(3580..3616)], rps16 [complement(4396..4621)], rps16 [complement(5493..5530)], trnG-UCC [9005..9027], trnG-UCC [9715..9762], atpF [complement(11845..12254)], atpF [complement(12990..13134)], rpoC1 [complement(21016..22656)], rpoC1 [complement(23404..23856)], ycf3 [complement(43576..43728)], ycf3 [complement(44453..44680)], ycf3 [complement(45401..45526)], trnL-UAA [48641..48677], trnL-UAA [49181..49230], trnV-UAC [complement(53151..53187)], trnV-UAC [complement(53777..53815)], rps12 [complement(72398..72511)], rps12 [144063..144294], rps12 [144831..144856], clpP [complement(72656..73192)], clpP [complement(73983..73994)], petB [76916..76921], petB [77681..78325], petD [78521..78528], petD [79282..79756], rpl16 [complement(83370..83768)], rpl16 [complement(84799..84807)], rpl2 [complement(86449..86889)], rpl2 [complement(87546..87935)], ndhB [complement(97189..97944)], ndhB [complement(98620..99396)], trnI-GAU [104929..104970], trnI-GAU [105911..105945], trnA-UGC [106010..106047], trnA-UGC [106846..106880], ndhA [complement(122066..122604)], ndhA [complement(123753..124305)], trnA-UGC [complement(138191..138225)], trnA-UGC [complement(139024..139061)], trnI-GAU [complement(139126..139160)], trnI-GAU [complement(140101..140142)], ndhB [145675..146451], ndhB [147127..147882]	psbA [complement(156677..0)], trnK-UUU [complement(1085..3579)], rps16 [complement(4622..5492)], trnG-UCC [9028..9714], atpF [complement(12255..12989)], rpoC1 [complement(22657..23403)], ycf3 [complement(43729..44452)], ycf3 [complement(44681..45400)], trnL-UAA [48678..49180], trnV-UAC [complement(53188..53776)], clpP [complement(73193..73982)], petB [76922..77680], petD [78529..79281], rpl16 [complement(83769..84798)], rpl2 [complement(86890..87545)], ndhB [complement(97945..98619)], trnI-GAU [104971..105910], trnA-UGC [106048..106845], ndhA [complement(122605..123752)], trnA-UGC [complement(138226..139023)], trnI-GAU [complement(139161..140100)], ndhB [146452..147126]
3174.	SATN	69	rps12 [complement(98697..98722)], rps12 [complement(99266..99497)], rps12 [complement(70774..70887)], trnK-UUU [complement(1705..1739)], trnK-UUU [complement(4251..4287)], rps16 [complement(5110..5338)], rps16	trnK-UUU [complement(1740..4250)], rps16 [complement(5339..6240)], trnG-UCC [9126..9823], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6241..6278)], trnG-UCC [9103..9125], trnG-UCC [9824..9871], rpoC1 [complement(20423..22042)], rpoC1 [complement(22793..23227)], ycf3 [complement(43172..43324)], ycf3 [complement(44091..44318)], ycf3 [complement(45042..45167)], trnL-UAA [48595..48631], trnL-UAA [49186..49235], trnV-UAC [complement(52793..52829)], trnV-UAC [complement(53431..53469)], rps12 [141432..141663], rps12 [142207..142232], clpP [complement(71071..71298)], clpP [complement(71959..72249)], clpP [complement(73193..73261)], petB [76177..76182], petB [77022..77600], petD [77822..77829], petD [78580..79054], rpl16 [complement(82402..82803)], rpl16 [complement(83815..83823)], rpl2 [complement(85585..86019)], rpl2 [complement(86690..87082)], ndhB [complement(95647..96402)], ndhB [complement(97079..97855)], trnI-GAU [103288..103329], trnI-GAU [104279..104313], trnA-UGC [104378..104415], trnA-UGC [105230..105264], ndhA [complement(120972..121511)], ndhA [complement(122709..123260)], trnA-UGC [complement(135665..135699)], trnA-UGC [complement(136514..136551)], trnI-GAU [complement(136616..136650)], trnI-GAU [complement(137600..137641)], ndhB [143074..143850], ndhB [144527..145282], rpl2 [153847..154239], rpl2 [154910..155344]	[complement(22043..22792)], ycf3 [complement(43325..44090)], ycf3 [complement(44319..45041)], trnL-UAA [48632..49185], trnV-UAC [complement(52830..53430)], clpP [complement(71299..71958)], clpP [complement(72250..73192)], petB [76183..77021], petD [77830..78579], rpl16 [complement(82804..83814)], rpl2 [complement(86020..86689)], ndhB [complement(96403..97078)], trnI-GAU [103330..104278], trnA-UGC [104416..105229], ndhA [complement(121512..122708)], trnA-UGC [complement(135700..136513)], trnI-GAU [complement(136651..137599)], ndhB [143851..144526], rpl2 [154240..154909]
3175.	SATR	73	rps12 [complement(110928..110953)], rps12 [complement(111490..111721)], rps12 [complement(80946..81059)], trnK-UUU [complement(1673..1707)], trnK-UUU [complement(4264..4296)], rps16 [complement(4887..5134)], rps16 [complement(8260..8299)], trnG-UCC [12895..12917], trnG-UCC [13687..13724], atpF [complement(15700..16113)], atpF [complement(16999..17157)], rpoC1 [complement(25990..27624)], rpoC1 [complement(28340..28774)], ycf3 [complement(49695..49847)], ycf3 [complement(50594..50821)], ycf3 [complement(51552..51680)], trnL-UAA [56555..56589], trnL-UAA [57305..57354], trnV-UAC [complement(61641..61677)], trnV-UAC [complement(62297..62322)], rps12 [complement(80946..81059)], rps12 [163112..163343], rps12 [163880..163905], clpP [complement(81211..81453)], clpP [complement(82314..82604)], clpP [complement(83422..83490)], petB	trnK-UUU [complement(1708..4263)], rps16 [complement(5135..8259)], trnG-UCC [12918..13686], atpF [complement(16114..16998)], rpoC1 [complement(27625..28339)], ycf3 [complement(49848..50593)], ycf3 [complement(50822..51551)], trnL-UAA [56590..57304], trnV-UAC [complement(61678..62296)], clpP [complement(81454..82313)], clpP [complement(82605..83421)], petB [86545..87346], petD [88214..89032], rpl16 [complement(93577..94676)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[86539..86544], petB [87347..87988], petD [88206..88213], petD [89033..89507], rpl16 [complement(93175..93576)], rpl16 [complement(94677..94685)], rpl2 [complement(97528..97959)], rpl2 [complement(98610..98981)], ndhB [complement(107862..108617)], ndhB [complement(109312..110088)], trnI-GAU [115561..115602], trnI-GAU [116546..116580], trnA-UGC [116645..116682], trnA-UGC [117491..117525], ndhA [complement(141883..142425)], ndhA [complement(143555..144106)], trnA-UGC [complement(157308..157342)], trnA-UGC [complement(158151..158188)], trnI-GAU [complement(158253..158287)], trnI-GAU [complement(159231..159272)], ndhB [164745..165521], ndhB [166216..166971], rpl2 [175872..176243], rpl2 [176894..177325]	[complement(97960..98609)], ndhB [complement(108618..109311)], trnI-GAU [115603..116545], trnA-UGC [116683..117490], ndhA [complement(142426..143554)], trnA-UGC [complement(157343..158150)], trnI-GAU [complement(158288..159230)], ndhB [165522..166215], rpl2 [176244..176893]
3176.	SATS	12	rps12 [complement(97252..97494)], rps12 [complement(69022..69135)], rps12 [138490..138732], petB [74247..74252], petB [75024..75665], petD [75854..75862], petD [76561..77034], rpl16 [complement(80496..80894)], rpl16 [complement(81910..81918)]	petB [74253..75023], petD [75863..76560], rpl16 [complement(80895..81909)]
3177.	SAVE	66	rps12 [complement(95966..95991)], rps12 [complement(96533..96764)], rps12 [complement(68840..68953)], trnK-UUU [complement(1572..1606)], trnK-UUU [complement(4110..4146)], rps16 [complement(4729..4930)], rps16 [complement(5830..5870)], trnG-UCC [8974..8996], trnG-UCC [9745..9792], atpF [complement(11761..12170)], atpF [complement(12911..13055)], rpoC1 [complement(20569..22179)], rpoC1 [complement(22923..23354)], ycf3 [complement(41533..41685)], ycf3 [complement(42439..42666)], ycf3 [complement(43422..43547)], trnL-UAA [46590..46626], trnL-UAA [47139..47188], trnV-UAC [complement(50939..50973)], trnV-UAC [complement(51567..51605)], rps12 [138840..139071], rps12 [139613..139638], clpP [complement(69108..69335)], clpP [complement(69974..70265)], clpP [complement(71129..71199)], petB [74144..74149], petB [74847..75488], petD [75705..75712], petD [76389..76863], rpl16 [complement(80260..80658)], rpl16 [complement(81586..81594)], ndhB [complement(92923..93678)], ndhB [complement(94347..95123)], trnI-GAU [100392..100428], trnI-GAU [101372..101406], trnA-UGC [101477..101514], trnA-UGC [102342..102376],	trnK-UUU [complement(1607..4109)], rps16 [complement(4931..5829)], trnG-UCC [8997..9744], atpF [complement(12171..12910)], rpoC1 [complement(22180..22922)], ycf3 [complement(41686..42438)], ycf3 [complement(42667..43421)], trnL-UAA [46627..47138], trnV-UAC [complement(50974..51566)], clpP [complement(69336..69973)], clpP [complement(70266..71128)], petB [74150..74846], petD [75713..76388], rpl16 [complement(80659..81585)], ndhB [complement(93679..94346)], trnI-GAU [100429..101371], trnA-UGC [101515..102341], ndhA [complement(119393..120418)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(118854..119392)], ndhA [complement(120419..120971)], trnA-UGC [complement(133228..133262)], trnA-UGC [complement(134090..134127)], trnI-GAU [complement(134198..134232)], trnI-GAU [complement(135176..135212)], ndhB [140481..141257], ndhB [141926..142681]	[complement(133263..134089)], trnI-GAU [complement(134233..135175)], ndhB [141258..141925]
3178.	SAWI	73	rps12 [complement(100459..100484)], rps12 [complement(101021..101252)], rps12 [complement(72309..72422)], trnK-UUU [complement(1819..1853)], trnK-UUU [complement(4376..4412)], rps16 [complement(5342..5533)], rps16 [complement(6392..6430)], trnG [9921..9943], trnG [10649..10696], atpF [complement(12685..13095)], atpF [complement(13804..13950)], rpoC1 [complement(21711..23327)], rpoC1 [complement(24084..24536)], ycf3 [complement(44127..44279)], ycf3 [complement(45029..45256)], ycf3 [complement(45974..46099)], trnL-UAA [48956..48992], trnL-UAA [49510..49559], trnV-UAC [complement(53583..53619)], trnV-UAC [complement(54195..54232)], rps12 [complement(72309..72422)], rps12 [143864..144095], rps12 [144632..144657], clpP [complement(72572..72799)], clpP [complement(73436..73726)], clpP [complement(74541..74609)], petB [77486..77491], petB [78264..78905], petD [79094..79102], petD [79832..80305], rpl16 [complement(83813..84211)], rpl16 [complement(85274..85282)], rpl2 [complement(86989..87423)], rpl2 [complement(88094..88486)], ndhB [complement(97403..98158)], ndhB [complement(98838..99614)], trnI-GAU [105190..105231], trnI-GAU [106174..106208], trnA-UGC [106272..106309], trnA-UGC [107123..107159], ndhA [complement(123322..123861)], ndhA [complement(124947..125498)], trnA-UGC [complement(137957..137991)], trnA-UGC [complement(138807..138844)], trnI-GAU [complement(138908..138942)], trnI-GAU [complement(139885..139926)], ndhB [145502..146278], ndhB [146958..147713], rpl2 [156630..157019], rpl2 [157693..158127]	trnK-UUU [complement(1854..4375)], rps16 [complement(5534..6391)], trnG [9944..10648], atpF [complement(13096..13803)], rpoC1 [complement(23328..24083)], ycf3 [complement(44280..45028)], ycf3 [complement(45257..45973)], trnL-UAA [48993..49509], trnV-UAC [complement(53620..54194)], clpP [complement(72800..73435)], clpP [complement(73727..74540)], petB [77492..78263], petD [79103..79831], rpl16 [complement(84212..85273)], rpl2 [complement(87424..88093)], ndhB [complement(98159..98837)], trnI-GAU [105232..106173], trnA-UGC [106310..107122], ndhA [complement(123862..124946)], trnA-UGC [complement(137992..138806)], trnI-GAU [complement(138943..139884)], ndhB [146279..146957], rpl2 [157020..157692]
3179.	SAYU	27	rps12 [complement(75453..75566)], rps12 [148116..148141], clpP [complement(75733..75979)], rpl16 [complement(87032..87436)]	trnK-UUU [complement(1838..4320)], rps16 [complement(5404..6235)], trnG-UCC [10202..10877], atpF [complement(12937..14044)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(23923..24683)], ycf3 [complement(46092..46851)], ycf3 [complement(47082..47807)], trnL-UAA [51191..51694], trnV-UAC [complement(56682..57271)], clpP [complement(75980..76613)], clpP [complement(76905..77727)], petB [80680..81456], petD [82296..83000], rpl16 [complement(87437..88461)], rpl2 [complement(90585..91249)], ndhB [complement(101614..102316)], trnI-GAU [108717..109659], trnA-UGC [109797..110602], ndhA [complement(127251..128366)], trnA-UGC [complement(141477..142282)], trnI-GAU [complement(142420..143362)], ndhB [149763..150465], rpl2 [160830..161494]
3180.	SCAA	64	rps12 [complement(87078..87106)], rps12 [complement(87647..87878)], rps12 [complement(66016..66129)], trnK-UUU [complement(1408..1440)], trnK-UUU [complement(3942..3981)], rps16 [complement(4519..4736)], rps16 [complement(5574..5613)], trnG-UCC [complement(12678..12725)], trnG- UCC [complement(13410..13432)], atpF [32266..32424], atpF [33232..33639], ycf3 [complement(41264..41422)], ycf3 [complement(42128..42355)], ycf3 [complement(43125..43250)], trnL-UAA [45899..45933], trnL-UAA [46473..46522], trnV-UAC [complement(49961..50007)], trnV-UAC [complement(50583..50621)], rps12 [123888..124119], rps12 [124660..124688], petB [69871..69876], petB [70661..71308], petD [71508..71515], petD [72251..72725], rpl16 [complement(76250..76651)], rpl16 [complement(77611..77619)], rpl2 [complement(79571..80002)], rpl2 [complement(80667..81056)], ndhB [complement(83996..84752)], ndhB [complement(85474..86249)], trnI-GAU [91742..91783], trnI-GAU [92494..92528], trnA-UGC [92594..92631], trnA-UGC [93442..93476], ndhA	trnK-UUU [complement(1441..3941)], rps16 [complement(4737..5573)], trnG-UCC [complement(12726..13409)], atpF [32425..33231], ycf3 [complement(41423..42127)], ycf3 [complement(42356..43124)], trnL-UAA [45934..46472], trnV-UAC [complement(50008..50582)], petB [69877..70660], petD [71516..72250], rpl16 [complement(76652..77610)], rpl2 [complement(80003..80666)], ndhB [complement(84753..85473)], trnI-GAU [91784..92493], trnA-UGC [92632..93441], ndhA [complement(109306..110330)], trnA- UGC [complement(118325..119134)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(108766..109305)], ndhA [complement(110331..110879)], trnA-UGC [complement(118290..118324)], trnA-UGC [complement(119135..119172)], trnI-GAU [complement(119238..119272)], trnI-GAU [complement(119983..120024)], ndhB [125517..126293], ndhB [127015..127770], rpl2 [130710..131099], rpl2 [131764..132195]	GAU [complement(119273..119982)], ndhB [126294..127014], rpl2 [131100..131763]
3181.	SCAB	69	rps12 [complement(99949..99974)], rps12 [complement(100511..100742)], rps12 [complement(72370..72483)], trnK [1834..1868], trnK [4364..4400], rps16 [complement(5343..5569)], rps16 [complement(6450..6489)], trnG-GCC [10149..10171], trnG-GCC [10849..10896], atpF [complement(12835..13245)], atpF [complement(13942..14085)], rpoC1 [complement(21963..23582)], rpoC1 [complement(24344..24796)], ycf3 [complement(44375..44527)], ycf3 [complement(45261..45490)], ycf3 [complement(46199..46322)], trnL-UAA [49203..49237], trnL-UAA [49714..49763], rps12 [141538..141769], rps12 [142306..142331], clpP [complement(72617..72844)], clpP [complement(73489..73780)], clpP [complement(74593..74663)], petB [77583..77588], petB [78290..78931], petD [79114..79121], petD [79842..80316], rpl16 [complement(83748..84146)], rpl16 [complement(85002..85010)], rpl2 [complement(86680..87113)], rpl2 [complement(87781..88171)], ndhB [complement(96942..97697)], ndhB [complement(98377..99153)], trnI-GAU [104460..104496], trnI-GAU [105444..105478], trnA-UGC [105543..105580], trnA-UGC [106392..106426], ndhA [complement(121222..121751)], ndhA [complement(122865..123420)], trnA-UGC [complement(135854..135888)], trnA-UGC [complement(136700..136737)], trnI-GAU [complement(136802..136836)], trnI-GAU [complement(137784..137820)], ndhB [143127..143903], ndhB [144583..145338], rpl2 [154109..154499], rpl2 [155167..155600]	trnK [1869..4363], rps16 [complement(5570..6449)], trnG-GCC [10172..10848], atpF [complement(13246..13941)], rpoC1 [complement(23583..24343)], ycf3 [complement(44528..45260)], ycf3 [complement(45491..46198)], trnL-UAA [49238..49713], clpP [complement(72845..73488)], clpP [complement(73781..74592)], petB [77589..78289], petD [79122..79841], rpl16 [complement(84147..85001)], rpl2 [complement(87114..87780)], ndhB [complement(97698..98376)], trnI-GAU [104497..105443], trnA-UGC [105581..106391], ndhA [complement(121752..122864)], trnA-UGC [complement(135889..136699)], trnI-GAU [complement(136837..137783)], ndhB [143904..144582], rpl2 [154500..155166]
3182.	SCAL	66	rps12 [complement(99860..99885)], rps12 [complement(100422..100653)], rps12 [complement(72280..72393)], rps16 [complement(5291..5517)], rps16 [complement(6396..6435)], trnG-GCC [10111..10133], trnG-GCC [10816..10863], atpF [complement(12804..13214)], atpF [complement(13911..14054)], rpoC1 [complement(21941..23560)], rpoC1 [complement(24319..24771)], ycf3 [complement(44345..44497)], ycf3	rps16 [complement(5518..6395)], trnG-GCC [10134..10815], atpF [complement(13215..13910)], rpoC1 [complement(23561..24318)], ycf3 [complement(44498..45240)], ycf3 [complement(45471..46172)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45241..45470)], ycf3 [complement(46173..46296)], trnL-UAA [49127..49161], trnL-UAA [49636..49685], rps12 [141781..142012], rps12 [142549..142574], clpP [complement(72527..72754)], clpP [complement(73396..73687)], clpP [complement(74499..74569)], petB [77477..77482], petB [78183..78824], petD [79007..79014], petD [79736..80210], rpl16 [complement(83641..84039)], rpl16 [complement(84907..84915)], rpl2 [complement(86582..87015)], rpl2 [complement(87683..88073)], ndhB [complement(96853..97608)], ndhB [complement(98288..99064)], trnI-GAU [104365..104401], trnI-GAU [105349..105383], trnA-UGC [105448..105485], trnA-UGC [106297..106331], ndhA [complement(121482..122011)], ndhA [complement(123126..123681)], trnA-UGC [complement(136103..136137)], trnA-UGC [complement(136949..136986)], trnI-GAU [complement(137051..137085)], trnI-GAU [complement(138033..138069)], ndhB [143370..144146], ndhB [144826..145581], rpl2 [154361..154751], rpl2 [155419..155852]	[49162..49635], clpP [complement(72755..73395)], clpP [complement(73688..74498)], petB [77483..78182], petD [79015..79735], rpl16 [complement(84040..84906)], rpl2 [complement(87016..87682)], ndhB [complement(97609..98287)], trnI-GAU [104402..105348], trnA-UGC [105486..106296], ndhA [complement(122012..123125)], trnA-UGC [complement(136138..136948)], trnI-GAU [complement(137086..138032)], ndhB [144147..144825], rpl2 [154752..155418]
3183.	SCAR	73	rps12 [complement(100507..100532)], rps12 [complement(101069..101300)], rps12 [complement(72617..72730)], trnK-UUU [complement(1769..1803)], trnK-UUU [complement(4314..4350)], rps16 [complement(5166..5390)], rps16 [complement(6229..6267)], trnG [9965..9987], trnG [10678..10725], atpF [complement(12773..13180)], atpF [complement(13882..14040)], rpoC1 [complement(22049..23674)], rpoC1 [complement(24409..24843)], ycf3 [complement(44733..44885)], ycf3 [complement(45607..45834)], ycf3 [complement(46561..46686)], trnL-UAA [49912..49948], trnL-UAA [50471..50520], trnV-UAC [complement(53751..53787)], trnV-UAC [complement(54373..54411)], rps12 [complement(72617..72730)], rps12 [143168..143399], rps12 [143936..143961], clpP [complement(72874..73158)], clpP [complement(73760..74050)], clpP [complement(74849..74917)], petB [77852..77857], petB [78645..79301], petD [79490..79498], petD [80210..80734], rpl16 [complement(84233..84634)], rpl16 [complement(85631..85639)], rpl2 [complement(87288..87722)], rpl2 [complement(88390..88782)], ndhB [complement(97627..98382)], ndhB [complement(99062..99838)], trnI-GAU [105000..105041], trnI-GAU	trnK-UUU [complement(1804..4313)], rps16 [complement(5391..6228)], trnG [9988..10677], atpF [complement(13181..13881)], rpoC1 [complement(23675..24408)], ycf3 [complement(44886..45606)], ycf3 [complement(45835..46560)], trnL-UAA [49949..50470], trnV-UAC [complement(53788..54372)], clpP [complement(73159..73759)], clpP [complement(74051..74848)], petB [77858..78644], petD [79499..80209], rpl16 [complement(84635..85630)], rpl2 [complement(87723..88389)], ndhB [complement(98383..99061)], trnI-GAU [105042..105979], trnA-UGC [106117..106923], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105980..106014], trnA-UGC [106079..106116], trnA-UGC [106924..106958], ndhA [complement(122890..123429)], ndhA [complement(124540..125091)], trnA-UGC [complement(137510..137544)], trnA-UGC [complement(138352..138389)], trnI-GAU [complement(138454..138488)], trnI-GAU [complement(139427..139468)], ndhB [144630..145406], ndhB [146086..146841], rpl2 [155686..156075], rpl2 [156746..157180]	[complement(123430..124539)], trnA-UGC [complement(137545..138351)], trnI-GAU [complement(138489..139426)], ndhB [145407..146085], rpl2 [156076..156745]
3184.	SCBA	72	rps12 [complement(96833..96858)], rps12 [complement(97395..97623)], rps12 [complement(69355..69480)], trnK-UUU [complement(1858..1892)], trnK-UUU [complement(4395..4431)], rps16 [complement(4966..5190)], rps16 [complement(6096..6137)], trnG-UCC [9154..9176], trnG-UCC [9859..9906], atpF [complement(11900..12310)], atpF [complement(12993..13136)], rpoC1 [complement(20970..22589)], rpoC1 [complement(23374..23829)], ycf3 [complement(42430..42582)], ycf3 [complement(43297..43524)], ycf3 [complement(44228..44356)], trnL-UAA [47348..47384], trnL-UAA [47874..47923], trnV-UAC [complement(51478..51514)], trnV-UAC [complement(52095..52130)], rps12 [138199..138427], rps12 [138964..138989], clpP [complement(69622..69849)], clpP [complement(70472..70763)], clpP [complement(71492..71562)], petB [74487..74492], petB [75216..75857], petD [76046..76053], petD [76723..77197], rpl16 [complement(80620..81018)], rpl16 [complement(81921..81929)], rpl2 [complement(83632..84065)], rpl2 [complement(84723..85113)], ndhB [complement(93826..94581)], ndhB [complement(95261..96037)], trnI-GAU [101310..101346], trnI-GAU [102295..102329], trnA-UGC [102394..102431], trnA-UGC [103240..103275], ndhA [complement(118112..118650)], ndhA [complement(119673..120225)], trnA-UGC [complement(132547..132582)], trnA-UGC [complement(133391..133428)], trnI-GAU [complement(133493..133527)], trnI-GAU [complement(134476..134512)], ndhB [139785..140561], ndhB [141241..141996], rpl2 [150709..151099], rpl2 [151757..152190]	trnK-UUU [complement(1893..4394)], rps16 [complement(5191..6095)], trnG-UCC [9177..9858], atpF [complement(12311..12992)], rpoC1 [complement(22590..23373)], ycf3 [complement(42583..43296)], ycf3 [complement(43525..44227)], trnL-UAA [47385..47873], trnV-UAC [complement(51515..52094)], clpP [complement(69850..70471)], clpP [complement(70764..71491)], petB [74493..75215], petD [76054..76722], rpl16 [complement(81019..81920)], rpl2 [complement(84066..84722)], ndhB [complement(94582..95260)], trnI-GAU [101347..102294], trnA-UGC [102432..103239], ndhA [complement(118651..119672)], trnA-UGC [complement(132583..133390)], trnI-GAU [complement(133528..134475)], ndhB [140562..141240], rpl2 [151100..151756]
3185.	SCBE	73	rps12 [complement(100487..100512)], rps12 [complement(101049..101280)], rps12 [complement(72596..72709)], trnK-UUU [complement(1768..1802)], trnK-UUU [complement(4313..4349)], rps16 [complement(5165..5389)], rps16	trnK-UUU [complement(1803..4312)], rps16 [complement(5390..6227)], trnG [9987..10676], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(6228..6266)], trnG [9964..9986], trnG [10677..10724], atpF [complement(12772..13179)], atpF [complement(13881..14039)], rpoC1 [complement(22047..23672)], rpoC1 [complement(24407..24841)], ycf3 [complement(44720..44872)], ycf3 [complement(45594..45821)], ycf3 [complement(46548..46673)], trnL-UAA [49899..49935], trnL-UAA [50458..50507], trnV-UAC [complement(53732..53768)], trnV-UAC [complement(54354..54392)], rps12 [complement(72596..72709)], rps12 [143150..143381], rps12 [143918..143943], clpP [complement(72853..73137)], clpP [complement(73739..74029)], clpP [complement(74828..74896)], petB [77832..77837], petB [78625..79281], petD [79470..79478], petD [80190..80714], rpl16 [complement(84213..84614)], rpl16 [complement(85611..85619)], rpl2 [complement(87268..87702)], rpl2 [complement(88370..88762)], ndhB [complement(97607..98362)], ndhB [complement(99042..99818)], trnI-GAU [104980..105021], trnI-GAU [105960..105994], trnA-UGC [106059..106096], trnA-UGC [106904..106938], ndhA [complement(122870..123409)], ndhA [complement(124520..125071)], trnA-UGC [complement(137492..137526)], trnA-UGC [complement(138334..138371)], trnI-GAU [complement(138436..138470)], trnI-GAU [complement(139409..139450)], ndhB [144612..145388], ndhB [146068..146823], rpl2 [155668..156057], rpl2 [156728..157162]</p>	<p>[complement(13180..13880)], rpoC1 [complement(23673..24406)], ycf3 [complement(44873..45593)], ycf3 [complement(45822..46547)], trnL-UAA [49936..50457], trnV-UAC [complement(53769..54353)], clpP [complement(73138..73738)], clpP [complement(74030..74827)], petB [77838..78624], petD [79479..80189], rpl16 [complement(84615..85610)], rpl2 [complement(87703..88369)], ndhB [complement(98363..99041)], trnI-GAU [105022..105959], trnA-UGC [106097..106903], ndhA [complement(123410..124519)], trnA-UGC [complement(137527..138333)], trnI-GAU [complement(138471..139408)], ndhB [145389..146067], rpl2 [156058..156727]</p>
3186.	SCBI	61	<p>rps12 [complement(103992..104017)], rps12 [complement(104569..104785)], rps12 [complement(75410..75523)], rps19 [162370..162517], rps19 [1..2], rps16 [complement(5991..6216)], rps16 [complement(7091..7131)], atpF [complement(13804..14242)], atpF [complement(14961..15127)], rpoC1 [complement(23295..24914)], rpoC1 [complement(25678..26112)], ycf3 [complement(46711..46863)], ycf3 [complement(47629..47856)], ycf3 [complement(48579..48707)], trnL-UAA [52064..52100], trnL-UAA [52631..52680], trnV-UAC [complement(56516..56552)], trnV-UAC [complement(57138..57176)], rps12 [complement(75410..75523)], rps12 [147607..147838], rps12 [148375..148400], clpP [complement(75680..75878)], clpP [complement(76573..76863)], clpP [complement(77688..77755)], rpl2 [complement(90221..90649)], rpl2 [complement(91324..91716)], ndhB</p>	<p>rps19 [162518..0], rps16 [complement(6217..7090)], atpF [complement(14243..14960)], rpoC1 [complement(24915..25677)], ycf3 [complement(46864..47628)], ycf3 [complement(47857..48578)], trnL-UAA [52101..52630], trnV-UAC [complement(56553..57137)], clpP [complement(75879..76572)], clpP [complement(76864..77687)], rpl2 [complement(90650..91323)], ndhB [complement(101691..102371)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(100934..101690)], ndhB [complement(102372..103147)], trnI-GAU [108687..108728], trnI-GAU [109683..109717], trnA-UGC [109788..109825], trnA-UGC [110628..110662], ndhA [complement(127073..127612)], ndhA [complement(128708..129271)], trnA-UGC [complement(141730..141764)], trnA-UGC [complement(142567..142604)], trnI-GAU [complement(142675..142709)], trnI-GAU [complement(143664..143705)], ndhB [149245..150020], ndhB [150702..151458], rpl2 [160676..161068], rpl2 [161743..162171]	[108729..109682], trnA-UGC [109826..110627], ndhA [complement(127613..128707)], trnA-UGC [complement(141765..142566)], trnI-GAU [complement(142710..143663)], ndhB [150021..150701], rpl2 [161069..161742]
3187.	SCBR	23	trnK-UUU [complement(1374..1402)], trnK-UUU [complement(3897..3934)], rps12 [128086..128114]	trnK-UUU [complement(1403..3896)], rps16 [complement(4701..5543)], trnG-UCC [complement(12616..13313)], atpF [33664..34518], ycf3 [complement(42840..43580)], ycf3 [complement(43809..44562)], trnL-UAA [47426..47876], trnV-UAC [complement(51322..51922)], petB [70967..71729], petD [72568..73307], rpl16 [complement(77749..78830)], rpl2 [complement(81230..81892)], ndhB [complement(87802..88505)], trnI-GAU [94715..95660], trnA-UGC [95799..96608], ndhA [complement(112641..113668)], trnA-UGC [complement(121619..122428)], trnI-GAU [complement(122567..123512)], ndhB [129722..130425], rpl2 [136335..136997]
3188.	SCBU	4	rps12 [complement(97861..97886)], rps12 [complement(98423..98654)], rps12 [139432..139663], rps12 [140200..140225]	-
3189.	SCCA	66	rps12 [complement(99760..99785)], rps12 [complement(100322..100553)], rps12 [complement(72188..72301)], rps16 [complement(5300..5526)], rps16 [complement(6405..6444)], trnG-GCC [10120..10142], trnG-GCC [10820..10867], atpF [complement(12806..13216)], atpF [complement(13913..14056)], rpoC1 [complement(21949..23568)], rpoC1	rps16 [complement(5527..6404)], trnG-GCC [10143..10819], atpF [complement(13217..13912)], rpoC1 [complement(23569..24326)], ycf3 [complement(44498..45242)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(24327..24779)], ycf3 [complement(44345..44497)], ycf3 [complement(45243..45472)], ycf3 [complement(46179..46302)], trnL-UAA [49188..49222], trnL-UAA [49698..49747], rps12 [141577..141808], rps12 [142345..142370], clpP [complement(72435..72662)], clpP [complement(73304..73595)], clpP [complement(74407..74477)], petB [77392..77397], petB [78097..78738], petD [78921..78928], petD [79647..80121], rpl16 [complement(83550..83948)], rpl16 [complement(84808..84816)], rpl2 [complement(86482..86915)], rpl2 [complement(87583..87973)], ndhB [complement(96753..97508)], ndhB [complement(98188..98964)], trnI-GAU [104265..104301], trnI-GAU [105250..105284], trnA-UGC [105349..105386], trnA-UGC [106198..106232], ndhA [complement(121324..121853)], ndhA [complement(122958..123513)], trnA-UGC [complement(135898..135932)], trnA-UGC [complement(136744..136781)], trnI-GAU [complement(136846..136880)], trnI-GAU [complement(137829..137865)], ndhB [143166..143942], ndhB [144622..145377], rpl2 [154157..154547], rpl2 [155215..155648]	[complement(45473..46178)], trnL-UAA [49223..49697], clpP [complement(72663..73303)], clpP [complement(73596..74406)], petB [77398..78096], petD [78929..79646], rpl16 [complement(83949..84807)], rpl2 [complement(86916..87582)], ndhB [complement(97509..98187)], trnI-GAU [104302..105249], trnA-UGC [105387..106197], ndhA [complement(121854..122957)], trnA-UGC [complement(135933..136743)], trnI-GAU [complement(136881..137828)], ndhB [143943..144621], rpl2 [154548..155214]
3190.	SCCE	73	rps12 [complement(100517..100542)], rps12 [complement(101079..101310)], rps12 [complement(72617..72730)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4318..4354)], rps16 [complement(5173..5397)], rps16 [complement(6242..6280)], trnG [9978..10000], trnG [10697..10744], atpF [complement(12791..13198)], atpF [complement(13900..14058)], rpoC1 [complement(22065..23690)], rpoC1 [complement(24423..24857)], ycf3 [complement(44727..44879)], ycf3 [complement(45601..45828)], ycf3 [complement(46555..46680)], trnL-UAA [49900..49936], trnL-UAA [50459..50508], trnV-UAC [complement(53742..53778)], trnV-UAC [complement(54364..54402)], rps12 [complement(72617..72730)], rps12 [143211..143442], rps12 [143979..144004], clpP [complement(72874..73158)], clpP [complement(73758..74048)], clpP [complement(74847..74915)], petB [77851..77856], petB [78644..79300], petD [79489..79497], petD [80209..80733], rpl16 [complement(84243..84644)], rpl16 [complement(85641..85649)], rpl2 [complement(87298..87732)], rpl2 [complement(88400..88792)], ndhB [complement(97637..98392)], ndhB	trnK-UUU [complement(1809..4317)], rps16 [complement(5398..6241)], trnG [10001..10696], atpF [complement(13199..13899)], rpoC1 [complement(23691..24422)], ycf3 [complement(44880..45600)], ycf3 [complement(45829..46554)], trnL-UAA [49937..50458], trnV-UAC [complement(53779..54363)], clpP [complement(73159..73757)], clpP [complement(74049..74846)], petB [77857..78643], petD [79498..80208], rpl16 [complement(84645..85640)], rpl2 [complement(87733..88399)], ndhB [complement(98393..99071)], trnI-GAU [105057..105994], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(99072..99848)], trnI-GAU [105015..105056], trnI-GAU [105995..106029], trnA-UGC [106094..106131], trnA-UGC [106939..106973], ndhA [complement(122923..123462)], ndhA [complement(124573..125124)], trnA-UGC [complement(137548..137582)], trnA-UGC [complement(138390..138427)], trnI-GAU [complement(138492..138526)], trnI-GAU [complement(139465..139506)], ndhB [144673..145449], ndhB [146129..146884], rpl2 [155729..156118], rpl2 [156789..157223]	[106132..106938], ndhA [complement(123463..124572)], trnA-UGC [complement(137583..138389)], trnI-GAU [complement(138527..139464)], ndhB [145450..146128], rpl2 [156119..156788]
3191.	SCCH	36	rps12 [complement(99284..99309)], rps12 [complement(99846..100077)], rps12 [complement(71952..72065)], rps16 [complement(5297..5516)], rps16 [complement(6336..6376)], atpF [complement(13164..13579)], atpF [complement(14313..14460)], rpoC1 [complement(22513..24120)], rpoC1 [complement(24832..25287)], ycf3 [complement(44606..44758)], ycf3 [complement(45515..45744)], ycf3 [complement(46470..46596)], rps12 [142450..142681], rps12 [143218..143243], clpP [complement(72218..72464)], clpP [complement(73023..73316)], clpP [complement(74115..74185)], rpl2 [complement(86350..86780)], rpl2 [complement(87441..87834)], ndhB [complement(96200..96955)], ndhB [complement(97658..98434)], ndhA [complement(121915..122456)], ndhA [complement(123518..124073)], ndhB [144093..144869], ndhB [145572..146327]	rps16 [complement(5517..6335)], atpF [complement(13580..14312)], rpoC1 [complement(24121..24831)], ycf3 [complement(44759..45514)], ycf3 [complement(45745..46469)], clpP [complement(72465..73022)], clpP [complement(73317..74114)], rpl2 [complement(86781..87440)], ndhB [complement(96956..97657)], ndhA [complement(122457..123517)], ndhB [144870..145571]
3192.	SCCI	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3903..3940)], rps12 [129709..129737]	trnK-UUU [complement(1416..3902)], rps16 [complement(4731..5569)], trnG-UCC [complement(12927..13619)], atpF [34187..35020], ycf3 [complement(43342..44077)], ycf3 [complement(44306..45060)], trnL-UAA [47972..48428], trnV-UAC [complement(52087..52687)], petB [72259..73010], petD [73849..74588], rpl16 [complement(79029..80119)], rpl2 [complement(82529..83192)], ndhB [complement(89163..89867)], trnI-GAU [96164..97109], trnA-UGC [97248..98057],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(114135..115165)], trnA-UGC [complement(123155..123964)], trnI-GAU [complement(124103..125048)], ndhB [131345..132049], rpl2 [138020..138683]
3193.	SCCR	26	trnK-UUU [complement(1385..1424)], trnK-UUU [complement(3986..4022)], rps12 [142172..142197]	trnK-UUU [complement(1425..3985)], rps16 [complement(4790..5663)], trnG-GCC [9184..9881], atpF [complement(12248..13027)], rpoC1 [complement(22129..22875)], ycf3 [complement(42466..43206)], ycf3 [complement(43437..44177)], trnL-UAA [47174..47683], trnV-UAC [complement(52226..52819)], clpP [complement(71162..71802)], clpP [complement(72094..72894)], petB [75872..76672], petD [77541..78253], rpl16 [complement(82590..83556)], rpl2 [complement(85885..86548)], ndhB [complement(96916..97614)], trnI-GAU [103868..104804], trnA-UGC [104942..105756], ndhA [complement(121795..122910)], trnA-UGC [complement(135674..136488)], trnI-GAU [complement(136626..137562)], ndhB [143816..144514], rpl2 [154882..155545]
3194.	SCDE	40	rps12 [complement(71494..71688)], trnK-UUU [complement(1767..1801)], trnK-UUU [complement(4315..4351)], trnG-UCC [9616..9638], trnG-UCC [10335..10382], trnL-UAA [49251..49287], trnL-UAA [49793..49841], trnV-UAC [complement(53342..53378)], trnV-UAC [complement(53956..53994)], rps12 [143323..143345], trnI-GAU [103832..103873], trnI-GAU [104814..104848], trnA-UGC [104913..104950], trnA-UGC [105758..105792], trnA-UGC [complement(136673..136707)], trnA-UGC	trnK-UUU [complement(1802..4314)], rps16 [complement(5415..6291)], trnG-UCC [9639..10334], atpF [complement(12812..13462)], ycf3 [complement(44365..45112)], ycf3 [complement(45341..46056)], trnL-UAA [49288..49792], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(137515..137552)], trnI-GAU [complement(137617..137651)], trnI-GAU [complement(138592..138633)]	[complement(53379..53955)], clpP [complement(72068..72711)], clpP [complement(73003..73779)], petB [76823..77607], petD [78437..79201], rpl16 [complement(83551..84526)], rpl2 [complement(86674..87330)], ndhB [complement(96846..97524)], trnI-GAU [103874..104813], trnA-UGC [104951..105757], ndhA [complement(122582..123655)], trnA-UGC [complement(136708..137514)], trnI-GAU [complement(137652..138591)], ndhB [144941..145619], rpl2 [155135..155791]
3195.	SCDN	7	rps12 [15781..15894], rps12 [1871..2099], rps12 [2581..2606]	rpl2 [9169..9739], rpl16 [11384..11948], clpP [14129..14682], clpP [14974..15365]
3196.	SCDT	71	rps12 [complement(97503..97528)], rps12 [complement(98064..98295)], rps12 [complement(69902..70015)], trnK-UUU [complement(1853..1887)], trnK-UUU [complement(4404..4440)], rps16 [complement(4921..5145)], rps16 [complement(5994..6035)], trnG-UCC [8913..8935], trnG-UCC [9619..9665], atpF [complement(11612..12022)], atpF [complement(12750..12893)], rpoC1 [complement(20729..22354)], rpoC1 [complement(23111..23545)], ycf3 [complement(42577..42729)], ycf3 [complement(43450..43677)], ycf3 [complement(44379..44507)], trnL-UAA [47537..47573], trnL-UAA [48062..48111], trnV-UAC [complement(51969..52005)], trnV-UAC [complement(52592..52629)], rps12 [138397..138639], clpP [complement(70168..70395)], clpP [complement(71024..71314)], clpP [complement(72043..72111)], petB [75047..75052], petB [75774..76415], petD [76593..76600], petD [77336..77810], rpl16 [complement(81227..81625)], rpl16 [complement(82512..82520)], rpl2 [complement(84198..84632)], rpl2 [complement(85297..85689)], ndhB [complement(94496..95251)], ndhB [complement(95931..96707)], trnI-GAU [102014..102052], trnI-GAU [102999..103033], trnA-UGC [103098..103135], trnA-UGC [103949..103983],	trnK-UUU [complement(1888..4403)], rps16 [complement(5146..5993)], trnG-UCC [8936..9618], atpF [complement(12023..12749)], rpoC1 [complement(22355..23110)], ycf3 [complement(42730..43449)], ycf3 [complement(43678..44378)], trnL-UAA [47574..48061], trnV-UAC [complement(52006..52591)], clpP [complement(70396..71023)], clpP [complement(71315..72042)], petB [75053..75773], petD [76601..77335], rpl16 [complement(81626..82511)], rpl2 [complement(84633..85296)], ndhB [complement(95252..95930)], trnI-GAU [102053..102998], trnA-UGC [103136..103948], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(118518..119048)], ndhA [complement(120117..120668)], trnA-UGC [complement(132709..132743)], trnA-UGC [complement(133557..133594)], trnI-GAU [complement(133659..133693)], trnI-GAU [complement(134637..134678)], ndhB [139985..140761], ndhB [141441..142196], rpl2 [151003..151395], rpl2 [152060..152494]	[complement(119049..120116)], trnA-UGC [complement(132744..133556)], trnI-GAU [complement(133694..134636)], ndhB [140762..141440], rpl2 [151396..152059]
3197.	SCEX	23	trnK-UUU [complement(1386..1414)], trnK-UUU [complement(3915..3952)], rps12 [128589..128617]	trnK-UUU [complement(1415..3914)], rps16 [complement(4726..5564)], trnG-UCC [complement(12645..13321)], atpF [33775..34609], ycf3 [complement(42937..43676)], ycf3 [complement(43905..44663)], trnL-UAA [47563..48013], trnV-UAC [complement(51622..52222)], petB [71320..72080], petD [72919..73691], rpl16 [complement(78167..79247)], rpl2 [complement(81647..82309)], ndhB [complement(88219..88922)], trnI-GAU [95178..96123], trnA-UGC [96262..97071], ndhA [complement(113082..114120)], trnA-UGC [complement(122076..122885)], trnI-GAU [complement(123024..123969)], ndhB [130225..130928], rpl2 [136838..137500]
3198.	SCFE	64	rps12 [complement(89202..89230)], rps12 [complement(89771..90002)], rps12 [complement(67338..67451)], trnK-UUU [complement(1384..1418)], trnK-UUU [complement(3912..3948)], rps16 [complement(4509..4726)], rps16 [complement(5554..5593)], trnG-UCC [complement(12850..12897)], trnG-UCC [complement(13573..13595)], atpF [32564..32708], atpF [33532..33938], ycf3 [complement(41739..41899)], ycf3 [complement(42624..42849)], ycf3 [complement(43603..43728)], trnL-UAA [46493..46527], trnL-UAA [47072..47121], trnV-UAC [complement(50636..50672)], trnV-UAC [complement(51275..51313)], rps12 [126506..126737], rps12 [127278..127306], petB [71232..71237], petB [71996..72637], petD	trnK-UUU [complement(1419..3911)], rps16 [complement(4727..5553)], trnG-UCC [complement(12898..13572)], atpF [32709..33531], ycf3 [complement(41900..42623)], ycf3 [complement(42850..43602)], trnL-UAA [46528..47071], trnV-UAC [complement(50673..51274)], petB [71238..71995], petD [72836..73572], rpl16 [complement(78074..78968)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72828..72835], petD [73573..74047], rpl16 [complement(77672..78073)], rpl16 [complement(78969..78977)], rpl2 [complement(81000..81430)], rpl2 [complement(82094..82484)], ndhB [complement(86134..86889)], ndhB [complement(87602..88378)], trnI-GAU [93763..93799], trnI-GAU [94606..94640], trnA-UGC [94706..94743], trnA-UGC [95555..95589], ndhA [complement(111491..112029)], ndhA [complement(113053..113602)], trnA-UGC [complement(120919..120953)], trnA-UGC [complement(121765..121802)], trnI-GAU [complement(121868..121902)], trnI-GAU [complement(122709..122745)], ndhB [128130..128906], ndhB [129619..130374], rpl2 [134024..134414], rpl2 [135078..135508]	[complement(81431..82093)], ndhB [complement(86890..87601)], trnI-GAU [93800..94605], trnA-UGC [94744..95554], ndhA [complement(112030..113052)], trnA-UGC [complement(120954..121764)], trnI-GAU [complement(121903..122708)], ndhB [128907..129618], rpl2 [134415..135077]
3199.	SCHE	34	rps12 [complement(100128..100370)], rps12 [complement(72078..72272)], atpF [complement(12905..13374)], atpF [complement(14036..14183)], rpoC1 [complement(22176..23792)], rpoC1 [complement(24547..25002)], ycf3 [complement(44806..44958)], ycf3 [complement(45712..45941)], ycf3 [complement(46655..46781)], rps12 [142929..143168], clpP [complement(72423..72650)], clpP [complement(73298..73588)], clpP [complement(74359..74427)], rpl2 [complement(86732..87201)], rpl2 [complement(87823..88216)], ndhB [complement(96547..97302)], ndhB [complement(97982..98758)], ndhA [complement(122454..122992)], ndhA [complement(124054..124609)], ndhB [144538..145314], ndhB [145994..146749], rpl2 [155080..155470], rpl2 [156095..156564]	atpF [complement(13375..14035)], rpoC1 [complement(23793..24546)], ycf3 [complement(44959..45711)], ycf3 [complement(45942..46654)], clpP [complement(72651..73297)], clpP [complement(73589..74358)], rpl2 [complement(87202..87822)], ndhB [complement(97303..97981)], ndhA [complement(122993..124053)], ndhB [145315..145993], rpl2 [155471..156094]
3200.	SCHN	71	rps12 [complement(97430..97455)], rps12 [complement(97992..98223)], rps12 [complement(69883..69996)], trnK-UUU [complement(1902..1936)], trnK-UUU [complement(4451..4487)], rps16 [complement(4970..5194)], rps16 [complement(6046..6087)], trnG-UCC [9191..9213], trnG-UCC [9899..9945], atpF [complement(11906..12316)], atpF [complement(13039..13182)], rpoC1 [complement(20787..22406)], rpoC1 [complement(23164..23598)], ycf3 [complement(42707..42859)], ycf3 [complement(43586..43813)], ycf3 [complement(44518..44646)], trnL-UAA [47646..47682], trnL-UAA [48171..48220], trnV-UAC [complement(52058..52094)], trnV-UAC [complement(52678..52715)], rps12 [138665..138907], clpP [complement(70123..70350)], clpP [complement(70985..71275)], clpP	trnK-UUU [complement(1937..4450)], rps16 [complement(5195..6045)], trnG-UCC [9214..9898], atpF [complement(12317..13038)], rpoC1 [complement(22407..23163)], ycf3 [complement(42860..43585)], ycf3 [complement(43814..44517)], trnL-UAA [47683..48170], trnV-UAC [complement(52095..52677)], clpP [complement(70351..70984)], clpP [complement(71276..72005)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(72006..72074)], petB [74999..75004], petB [75725..76366], petD [76544..76551], petD [77286..77760], rpl16 [complement(81162..81560)], rpl16 [complement(82442..82450)], rpl2 [complement(84126..84560)], rpl2 [complement(85225..85617)], ndhB [complement(94423..95178)], ndhB [complement(95858..96634)], trnI-GAU [101914..101950], trnI-GAU [102900..102934], trnA-UGC [102999..103036], trnA-UGC [103850..103884], ndhA [complement(118808..119338)], ndhA [complement(120401..120952)], trnA-UGC [complement(133004..133038)], trnA-UGC [complement(133852..133889)], trnI-GAU [complement(133954..133988)], trnI-GAU [complement(134933..134974)], ndhB [140254..141030], ndhB [141710..142465], rpl2 [151271..151663], rpl2 [152328..152762]	[75005..75724], petD [76552..77285], rpl16 [complement(81561..82441)], rpl2 [complement(84561..85224)], ndhB [complement(95179..95857)], trnI-GAU [101951..102899], trnA-UGC [103037..103849], ndhA [complement(119339..120400)], trnA-UGC [complement(133039..133851)], trnI-GAU [complement(133989..134932)], ndhB [141031..141709], rpl2 [151664..152327]
3201.	SCIM	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3904..3941)], rps12 [129776..129804]	trnK-UUU [complement(1416..3903)], rps16 [complement(4734..5572)], trnG-UCC [complement(12933..13625)], atpF [34209..35043], ycf3 [complement(43363..44098)], ycf3 [complement(44327..45081)], trnL-UAA [47993..48444], trnV-UAC [complement(52106..52706)], petB [72303..73059], petD [73898..74636], rpl16 [complement(79077..80172)], rpl2 [complement(82581..83247)], ndhB [complement(89215..89919)], trnI-GAU [96216..97161], trnA-UGC [97300..98109], ndhA [complement(114207..115236)], trnA-UGC [complement(123222..124031)], trnI-GAU [complement(124170..125115)], ndhB [131412..132116], rpl2 [138084..138750]
3202.	SCIN	70	rps12 [complement(97704..97946)], rps12 [complement(69832..69945)], trnK-UUU [complement(1674..1705)], trnK-UUU [complement(4215..4246)], rps16 [complement(5123..5348)], rps16 [complement(6246..6286)], trnG-CGA [9150..9176], trnG-CGA [9871..9910], atpF [complement(11855..12265)],	trnK-UUU [complement(1706..4214)], rps16 [complement(5349..6245)], trnG-CGA [9177..9870], atpF [complement(12266..12938)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(12939..13082)], rpoC1 [complement(21060..22670)], rpoC1 [complement(23455..23889)], ycf3 [complement(42759..42911)], ycf3 [complement(43613..43840)], ycf3 [complement(44545..44673)], trnL-UAA [47619..47656], trnL-UAA [48133..48180], trnV-UAC [complement(51724..51759)], trnV-UAC [complement(52339..52376)], rps12 [137876..138118], clpP [complement(70088..70315)], clpP [complement(70922..71212)], clpP [complement(71943..72011)], petB [74952..74957], petB [75679..76320], petD [76509..76516], petD [77236..77710], rpl16 [complement(81115..81513)], rpl16 [complement(82333..82341)], rpl2 [complement(84009..84443)], rpl2 [complement(85099..85491)], ndhB [complement(94146..94901)], ndhB [complement(95581..96357)], trnI-GAU [101601..101636], trnI-GAU [102586..102620], trnA-UGC [102686..102722], trnA-UGC [103534..103569], ndhA [complement(118005..118514)], ndhA [complement(119535..120095)], trnA-UGC [complement(132253..132288)], trnA-UGC [complement(133100..133136)], trnI-GAU [complement(133202..133237)], trnI-GAU [complement(134187..134221)], ndhB [139465..140241], ndhB [140921..141676], rpl2 [150331..150723], rpl2 [151379..151813]	[complement(22671..23454)], ycf3 [complement(42912..43612)], ycf3 [complement(43841..44544)], trnL-UAA [47657..48132], trnV-UAC [complement(51760..52338)], clpP [complement(70316..70921)], clpP [complement(71213..71942)], petB [74958..75678], petD [76517..77235], rpl16 [complement(81514..82332)], rpl2 [complement(84444..85098)], ndhB [complement(94902..95580)], trnI-GAU [101637..102585], trnA-UGC [102723..103533], ndhA [complement(118515..119534)], trnA-UGC [complement(132289..133099)], trnI-GAU [complement(133238..134186)], ndhB [140242..140920], rpl2 [150724..151378]
3203.	SCJA	18	rps12 [117659..117684]	trnK [complement(1402..3760)], rps16 [complement(4368..5204)], trnG [7691..8399], atpF [complement(10832..11520)], rpoC1 [complement(20634..21404)], ycf3 [complement(39998..40692)], ycf3 [complement(40923..41635)], trnL-UAA [43969..44440], clpP [complement(61379..61923)], clpP [complement(62215..62980)], petB [65845..66627], rpl16 [complement(72380..73351)], rpl2 [complement(75436..76101)], trnI [89776..90690], trnA [90828..91638], trnA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(111274..112084)], trnI [complement(112222..113136)]
3204.	SCKH	73	rps12 [complement(100493..100518)], rps12 [complement(101055..101286)], rps12 [complement(72601..72714)], trnK-UUU [complement(1767..1801)], trnK-UUU [complement(4312..4348)], rps16 [complement(5167..5391)], rps16 [complement(6231..6269)], trnG [9963..9985], trnG [10676..10723], atpF [complement(12770..13177)], atpF [complement(13879..14037)], rpoC1 [complement(22035..23660)], rpoC1 [complement(24395..24829)], ycf3 [complement(44712..44864)], ycf3 [complement(45586..45813)], ycf3 [complement(46540..46665)], trnL-UAA [49898..49934], trnL-UAA [50457..50506], trnV-UAC [complement(53740..53776)], trnV-UAC [complement(54362..54400)], rps12 [complement(72601..72714)], rps12 [143175..143406], rps12 [143943..143968], clpP [complement(72858..73142)], clpP [complement(73743..74033)], clpP [complement(74832..74900)], petB [77837..77842], petB [78630..79286], petD [79475..79483], petD [80195..80719], rpl16 [complement(84219..84620)], rpl16 [complement(85617..85625)], rpl2 [complement(87274..87708)], rpl2 [complement(88376..88768)], ndhB [complement(97613..98368)], ndhB [complement(99048..99824)], trnI-GAU [104986..105027], trnI-GAU [105966..106000], trnA-UGC [106065..106102], trnA-UGC [106910..106944], ndhA [complement(122896..123435)], ndhA [complement(124547..125098)], trnA-UGC [complement(137517..137551)], trnA-UGC [complement(138359..138396)], trnI-GAU [complement(138461..138495)], trnI-GAU [complement(139434..139475)], ndhB [144637..145413], ndhB [146093..146848], rpl2 [155693..156082], rpl2 [156753..157187]	trnK-UUU [complement(1802..4311)], rps16 [complement(5392..6230)], trnG [9986..10675], atpF [complement(13178..13878)], rpoC1 [complement(23661..24394)], ycf3 [complement(44865..45585)], ycf3 [complement(45814..46539)], trnL-UAA [49935..50456], trnV-UAC [complement(53777..54361)], clpP [complement(73143..73742)], clpP [complement(74034..74831)], petB [77843..78629], petD [79484..80194], rpl16 [complement(84621..85616)], rpl2 [complement(87709..88375)], ndhB [complement(98369..99047)], trnI-GAU [105028..105965], trnA-UGC [106103..106909], ndhA [complement(123436..124546)], trnA-UGC [complement(137552..138358)], trnI-GAU [complement(138496..139433)], ndhB [145414..146092], rpl2 [156083..156752]
3205.	SCLA	72	rps12 [complement(97574..97599)], rps12 [complement(98136..98364)], rps12 [complement(70241..70366)], trnK-UUU [complement(1670..1704)], trnK-UUU [complement(4221..4257)], rps16 [complement(5163..5387)], rps16 [complement(6290..6331)], trnG-UCC [9288..9310], trnG-UCC [10005..10052], atpF [complement(11992..12402)], atpF [complement(13078..13221)], rpoC1 [complement(21204..22823)], rpoC1 [complement(23605..24060)], ycf3 [complement(42878..43030)], ycf3	trnK-UUU [complement(1705..4220)], rps16 [complement(5388..6289)], trnG-UCC [9311..10004], atpF [complement(12403..13077)], rpoC1 [complement(22824..23604)], ycf3 [complement(43031..43739)], ycf3 [complement(43968..44671)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43740..43967)], ycf3 [complement(44672..44800)], trnL-UAA [47759..47795], trnL-UAA [48290..48339], trnV-UAC [complement(52039..52075)], trnV-UAC [complement(52656..52691)], rps12 [138260..138488], rps12 [139025..139050], clpP [complement(70490..70717)], clpP [complement(71335..71626)], clpP [complement(72355..72425)], petB [75369..75374], petB [76095..76736], petD [76925..76932], petD [77652..78126], rpl16 [complement(81526..81924)], rpl16 [complement(82761..82769)], rpl2 [complement(84436..84869)], rpl2 [complement(85528..85918)], ndhB [complement(94567..95322)], ndhB [complement(96002..96778)], trnI-GAU [102024..102060], trnI-GAU [103010..103044], trnA-UGC [103109..103146], trnA-UGC [103960..103994], ndhA [complement(118348..118886)], ndhA [complement(119897..120449)], trnA-UGC [complement(132630..132664)], trnA-UGC [complement(133478..133515)], trnI-GAU [complement(133580..133614)], trnI-GAU [complement(134564..134600)], ndhB [139846..140622], ndhB [141302..142057], rpl2 [150706..151096], rpl2 [151755..152188]	[47796..48289], trnV-UAC [complement(52076..52655)], clpP [complement(70718..71334)], clpP [complement(71627..72354)], petB [75375..76094], petD [76933..77651], rpl16 [complement(81925..82760)], rpl2 [complement(84870..85527)], ndhB [complement(95323..96001)], trnI-GAU [102061..103009], trnA-UGC [103147..103959], ndhA [complement(118887..119896)], trnA-UGC [complement(132665..133477)], trnI-GAU [complement(133615..134563)], ndhB [140623..141301], rpl2 [151097..151754]
3206.	SCLO	1	rps12 [151368..151393]	-
3207.	SCMU	73	rps12 [complement(100518..100543)], rps12 [complement(101080..101311)], rps12 [complement(72617..72730)], trnK-UUU [complement(1775..1809)], trnK-UUU [complement(4319..4355)], rps16 [complement(5174..5398)], rps16 [complement(6243..6281)], trnG [9980..10002], trnG [10693..10740], atpF [complement(12788..13195)], atpF [complement(13897..14055)], rpoC1 [complement(22062..23687)], rpoC1 [complement(24420..24854)], ycf3 [complement(44724..44876)], ycf3 [complement(45598..45825)], ycf3 [complement(46552..46677)], trnL-UAA [49897..49933], trnL-UAA [50456..50505], trnV-UAC [complement(53743..53779)], trnV-UAC [complement(54365..54403)], rps12 [complement(72617..72730)], rps12 [143201..143432], rps12 [143969..143994], clpP [complement(72874..73158)], clpP [complement(73759..74049)], clpP [complement(74848..74916)], petB [77852..77857], petB [78645..79301], petD [79490..79498], petD [80210..80734], rpl16 [complement(84244..84645)], rpl16 [complement(85642..85650)], rpl2 [complement(87299..87733)], rpl2	trnK-UUU [complement(1810..4318)], rps16 [complement(5399..6242)], trnG [10003..10692], atpF [complement(13196..13896)], rpoC1 [complement(23688..24419)], ycf3 [complement(44877..45597)], ycf3 [complement(45826..46551)], trnL-UAA [49934..50455], trnV-UAC [complement(53780..54364)], clpP [complement(73159..73758)], clpP [complement(74050..74847)], petB [77858..78644], petD [79499..80209], rpl16 [complement(84646..85641)], rpl2 [complement(87734..88400)], ndhB [complement(98394..99072)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88401..88793)], ndhB [complement(97638..98393)], ndhB [complement(99073..99849)], trnI-GAU [105011..105052], trnI-GAU [105991..106025], trnA-UGC [106090..106127], trnA-UGC [106935..106969], ndhA [complement(122918..123457)], ndhA [complement(124568..125119)], trnA-UGC [complement(137543..137577)], trnA-UGC [complement(138385..138422)], trnI-GAU [complement(138487..138521)], trnI-GAU [complement(139460..139501)], ndhB [144663..145439], ndhB [146119..146874], rpl2 [155719..156108], rpl2 [156779..157213]	[105053..105990], trnA-UGC [106128..106934], ndhA [complement(123458..124567)], trnA-UGC [complement(137578..138384)], trnI-GAU [complement(138522..139459)], ndhB [145440..146118], rpl2 [156109..156778]
3208.	SCNO	73	rps12 [complement(100502..100527)], rps12 [complement(101064..101295)], rps12 [complement(72611..72724)], trnK-UUU [complement(1768..1802)], trnK-UUU [complement(4313..4349)], rps16 [complement(5165..5389)], rps16 [complement(6228..6266)], trnG [9964..9986], trnG [10677..10724], atpF [complement(12772..13179)], atpF [complement(13881..14039)], rpoC1 [complement(22045..23670)], rpoC1 [complement(24405..24839)], ycf3 [complement(44729..44881)], ycf3 [complement(45603..45830)], ycf3 [complement(46557..46682)], trnL-UAA [49908..49944], trnL-UAA [50467..50516], trnV-UAC [complement(53746..53782)], trnV-UAC [complement(54368..54406)], rps12 [complement(72611..72724)], rps12 [143201..143432], rps12 [143969..143994], clpP [complement(72868..73152)], clpP [complement(73754..74044)], clpP [complement(74843..74911)], petB [77847..77852], petB [78640..79296], petD [79485..79493], petD [80205..80729], rpl16 [complement(84228..84629)], rpl16 [complement(85626..85634)], rpl2 [complement(87283..87717)], rpl2 [complement(88385..88777)], ndhB [complement(97622..98377)], ndhB [complement(99057..99833)], trnI-GAU [104995..105036], trnI-GAU [105975..106009], trnA-UGC [106074..106111], trnA-UGC [106919..106953], ndhA [complement(122904..123443)], ndhA [complement(124554..125105)], trnA-UGC [complement(137543..137577)], trnA-UGC [complement(138385..138422)], trnI-GAU [complement(138487..138521)], trnI-GAU [complement(139460..139501)], ndhB [144663..145439], ndhB [146119..146874], rpl2 [155719..156108], rpl2 [156779..157213]	trnK-UUU [complement(1803..4312)], rps16 [complement(5390..6227)], trnG [9987..10676], atpF [complement(13180..13880)], rpoC1 [complement(23671..24404)], ycf3 [complement(44882..45602)], ycf3 [complement(45831..46556)], trnL-UAA [49945..50466], trnV-UAC [complement(53783..54367)], clpP [complement(73153..73753)], clpP [complement(74045..74842)], petB [77853..78639], petD [79494..80204], rpl16 [complement(84630..85625)], rpl2 [complement(87718..88384)], ndhB [complement(98378..99056)], trnI-GAU [105037..105974], trnA-UGC [106112..106918], ndhA [complement(123444..124553)], trnA-UGC [complement(137578..138384)], trnI-GAU [complement(138522..139459)], ndhB [145440..146118], rpl2 [156109..156778]
3209.	SCNT	28	rps12 [complement(82634..82659)], rps12 [complement(83194..83425)],	atpF [complement(7928..8692)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(56705..56818)], atpF [complement(7515..7927)], atpF [complement(8693..8840)], rpoC1 [complement(16001..17626)], rpoC1 [complement(18398..18853)], ycf3 [complement(36129..36281)], ycf3 [complement(37088..37317)], ycf3 [complement(38081..38207)], rps12 [111834..112065], rps12 [112600..112625], clpP [complement(56962..57190)], clpP [complement(57813..58144)], petB [61874..61879], petB [62683..63324], petD [63564..63569], petD [64311..64793], rpl2 [complement(71236..71601)], rpl2 [complement(72311..72709)]	[complement(17627..18397)], ycf3 [complement(36282..37087)], ycf3 [complement(37318..38080)], clpP [complement(57191..57812)], petB [61880..62682], petD [63570..64310], rpl2 [complement(71602..72310)]
3210.	SCOR	66	rps12 [complement(99768..99793)], rps12 [complement(100330..100561)], rps12 [complement(72192..72305)], rps16 [complement(5302..5528)], rps16 [complement(6407..6446)], trnG-GCC [10122..10144], trnG-GCC [10823..10870], atpF [complement(12813..13223)], atpF [complement(13920..14063)], rpoC1 [complement(21956..23575)], rpoC1 [complement(24334..24786)], ycf3 [complement(44352..44504)], ycf3 [complement(45249..45478)], ycf3 [complement(46185..46308)], trnL-UAA [49192..49226], trnL-UAA [49702..49751], rps12 [141590..141821], rps12 [142358..142383], clpP [complement(72439..72666)], clpP [complement(73308..73599)], clpP [complement(74411..74481)], petB [77396..77401], petB [78102..78743], petD [78926..78933], petD [79652..80126], rpl16 [complement(83557..83955)], rpl16 [complement(84815..84823)], rpl2 [complement(86490..86923)], rpl2 [complement(87591..87981)], ndhB [complement(96761..97516)], ndhB [complement(98196..98972)], trnI-GAU [104273..104309], trnI-GAU [105257..105291], trnA-UGC [105356..105393], trnA-UGC [106205..106239], ndhA [complement(121338..121867)], ndhA [complement(122972..123527)], trnA-UGC [complement(135912..135946)], trnA-UGC [complement(136758..136795)], trnI-GAU [complement(136860..136894)], trnI-GAU [complement(137842..137878)], ndhB [143179..143955], ndhB [144635..145390], rpl2 [154170..154560], rpl2 [155228..155661]	rps16 [complement(5529..6406)], trnG-GCC [10145..10822], atpF [complement(13224..13919)], rpoC1 [complement(23576..24333)], ycf3 [complement(44505..45248)], ycf3 [complement(45479..46184)], trnL-UAA [49227..49701], clpP [complement(72667..73307)], clpP [complement(73600..74410)], petB [77402..78101], petD [78934..79651], rpl16 [complement(83956..84814)], rpl2 [complement(86924..87590)], ndhB [complement(97517..98195)], trnI-GAU [104310..105256], trnA-UGC [105394..106204], ndhA [complement(121868..122971)], trnA-UGC [complement(135947..136757)], trnI-GAU [complement(136895..137841)], ndhB [143956..144634], rpl2 [154561..155227]
3211.	SCPA	72	rps12 [complement(97661..97686)], rps12 [complement(98224..98455)], rps12 [complement(69247..69360)], trnK-UUU [complement(1578..1613)], trnK-UUU [complement(4185..4221)], rps16 [complement(4885..5111)], rps16	trnK-UUU [complement(1614..4184)], rps16 [complement(5112..6001)], trnY-AUA [complement(7825..7857)], trnT

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6002..6041)], trnY-AUA [complement(7790..7824)], trnY-AUA [complement(7858..7895)], trnT [8342..8375], trnT [9089..9131], atpF [complement(11150..11559)], atpF [complement(12289..12433)], rpoC1 [complement(19875..21485)], rpoC1 [complement(22258..22689)], ycf3 [complement(42053..42205)], ycf3 [complement(43017..43244)], ycf3 [complement(43966..44091)], trnL-UAA [46575..46609], trnL-UAA [46931..46980], trnV-UAC [complement(50825..50859)], trnV-UAC [complement(51467..51505)], rps12 [139383..139614], rps12 [140152..140177], clpP [complement(69544..69769)], clpP [complement(70346..70639)], clpP [complement(71518..71588)], petB [74551..74556], petB [75351..75992], rpl16 [complement(80843..81241)], rpl16 [complement(82330..82338)], rpl2 [complement(84026..84460)], rpl2 [complement(85143..85532)], ndhB [complement(94618..95379)], ndhB [complement(96051..96827)], trnE-UUC [102395..102426], trnE-UUC [103237..103276], trnA-UGC [103341..103377], trnA-UGC [104178..104213], ndhA [complement(119394..119923)], ndhA [complement(121019..121571)], trnA-UGC [complement(133625..133660)], trnA-UGC [complement(134461..134497)], trnE-UUC [complement(134562..134601)], trnE-UUC [complement(135412..135443)], ndhB [141011..141787], ndhB [142459..143220], rpl2 [152306..152696], rpl2 [153343..153812]	[8376..9088], atpF [complement(11560..12288)], rpoC1 [complement(21486..22257)], ycf3 [complement(42206..43016)], ycf3 [complement(43245..43965)], trnL-UAA [46610..46930], trnV-UAC [complement(50860..51466)], clpP [complement(69770..70345)], clpP [complement(70640..71517)], petB [74557..75350], rpl16 [complement(81242..82329)], rpl2 [complement(84461..85142)], ndhB [complement(95380..96050)], trnE-UUC [102427..103236], trnA-UGC [103378..104177], ndhA [complement(119924..121018)], trnA-UGC [complement(133661..134460)], trnE-UUC [complement(134602..135411)], ndhB [141788..142458], rpl2 [152697..153342]
3212.	SCPR	3	rpoC1 [complement(21119..22732)], rps12 [142702..142727]	rpoC1 [complement(22733..23469)]
3213.	SCPS	30	rps12 [complement(81058..81083)], rps12 [complement(81618..81849)], rps12 [complement(56226..56339)], atpF [complement(7318..7707)], atpF [complement(8467..8616)], rpoC1 [complement(15726..17351)], rpoC1 [complement(18130..18585)], ycf3 [complement(35834..35986)], ycf3 [complement(36699..36928)], ycf3 [complement(37688..37814)], rps12 [110172..110403], rps12 [110938..110963], clpP [complement(56477..56707)], clpP [complement(57344..57635)], clpP [complement(58461..58531)], petB [61429..61434], petB [62135..62776], petD [63024..63032], petD [63685..64167], rpl2 [complement(70056..70486)], rpl2 [complement(71152..71545)]	atpF [complement(7708..8466)], rpoC1 [complement(17352..18129)], ycf3 [complement(35987..36698)], ycf3 [complement(36929..37687)], clpP [complement(56708..57343)], clpP [complement(57636..58460)], petB [61435..62134], petD [63033..63684], rpl2 [complement(70487..71151)]
3214.	SCRE	73	rps12 [complement(100514..100539)], rps12 [complement(101076..101307)],	trnK-UUU [complement(1811..4319)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(72615..72728)], trnK-UUU [complement(1776..1810)], trnK-UUU [complement(4320..4356)], rps16 [complement(5175..5399)], rps16 [complement(6244..6282)], trnG [9980..10002], trnG [10693..10740], atpF [complement(12787..13194)], atpF [complement(13896..14054)], rpoC1 [complement(22062..23687)], rpoC1 [complement(24420..24854)], ycf3 [complement(44720..44872)], ycf3 [complement(45594..45821)], ycf3 [complement(46548..46673)], trnL-UAA [49893..49929], trnL-UAA [50452..50501], trnV-UAC [complement(53739..53775)], trnV-UAC [complement(54361..54399)], rps12 [complement(72615..72728)], rps12 [143207..143438], rps12 [143975..144000], clpP [complement(72872..73156)], clpP [complement(73755..74045)], clpP [complement(74844..74912)], petB [77848..77853], petB [78641..79297], petD [79486..79494], petD [80206..80730], rpl16 [complement(84240..84641)], rpl16 [complement(85638..85646)], rpl2 [complement(87295..87729)], rpl2 [complement(88397..88789)], ndhB [complement(97634..98389)], ndhB [complement(99069..99845)], trnI-GAU [105012..105053], trnI-GAU [105992..106026], trnA-UGC [106091..106128], trnA-UGC [106936..106970], ndhA [complement(122919..123458)], ndhA [complement(124569..125120)], trnA-UGC [complement(137544..137578)], trnA-UGC [complement(138386..138423)], trnI-GAU [complement(138488..138522)], trnI-GAU [complement(139461..139502)], ndhB [144669..145445], ndhB [146125..146880], rpl2 [155725..156114], rpl2 [156785..157219]</p>	<p>[complement(5400..6243)], trnG [10003..10692], atpF [complement(13195..13895)], rpoC1 [complement(23688..24419)], ycf3 [complement(44873..45593)], ycf3 [complement(45822..46547)], trnL-UAA [49930..50451], trnV-UAC [complement(53776..54360)], clpP [complement(73157..73754)], clpP [complement(74046..74843)], petB [77854..78640], petD [79495..80205], rpl16 [complement(84642..85637)], rpl2 [complement(87730..88396)], ndhB [complement(98390..99068)], trnI-GAU [105054..105991], trnA-UGC [106129..106935], ndhA [complement(123459..124568)], trnA-UGC [complement(137579..138385)], trnI-GAU [complement(138523..139460)], ndhB [145446..146124], rpl2 [156115..156784]</p>
3215.	SCSA	23	<p>trnK-UUU [complement(1385..1413)], trnK-UUU [complement(3920..3957)], rps12 [129341..129369]</p>	<p>trnK-UUU [complement(1414..3919)], rps16 [complement(4725..5562)], trnG-UCC [complement(13447..14137)], atpF [34540..35374], ycf3 [complement(43693..44432)], ycf3 [complement(44661..45420)], trnL-UAA [48347..48797], trnV-UAC [complement(52437..53037)], petB [72138..72890], petD [73724..74463], rpl16 [complement(78913..79996)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(82398..83060)], ndhB [complement(88971..89674)], trnI-GAU [95930..96875], trnA-UGC [97014..97823], ndhA [complement(113836..114872)], trnA-UGC [complement(122828..123637)], trnI-GAU [complement(123776..124721)], ndhB [130977..131680], rpl2 [137591..138253]
3216.	SCSC	23	trnK-UUU [complement(1385..1413)], trnK-UUU [complement(3907..3944)], rps12 [129343..129371]	trnK-UUU [complement(1414..3906)], rps16 [complement(4703..5540)], trnG-UCC [complement(13447..14137)], atpF [34558..35393], ycf3 [complement(43707..44445)], ycf3 [complement(44674..45438)], trnL-UAA [48360..48810], trnV-UAC [complement(52442..53042)], petB [72147..72905], petD [73733..74472], rpl16 [complement(78919..80000)], rpl2 [complement(82400..83062)], ndhB [complement(88973..89676)], trnI-GAU [95928..96873], trnA-UGC [97012..97821], ndhA [complement(113838..114874)], trnA-UGC [complement(122834..123643)], trnI-GAU [complement(123782..124727)], ndhB [130979..131682], rpl2 [137593..138255]
3217.	SCSE	73	rps12 [complement(100551..100576)], rps12 [complement(101113..101344)], rps12 [complement(72619..72732)], trnK-UUU [complement(1773..1807)], trnK-UUU [complement(4318..4354)], rps16 [complement(5169..5393)], rps16 [complement(6233..6271)], trnG [9971..9993], trnG [10684..10731], atpF [complement(12813..13220)], atpF [complement(13922..14080)], rpoC1 [complement(22086..23711)], rpoC1 [complement(24444..24878)], ycf3 [complement(44754..44906)], ycf3 [complement(45628..45855)], ycf3 [complement(46582..46707)], trnL-UAA [49921..49957], trnL-UAA	trnK-UUU [complement(1808..4317)], rps16 [complement(5394..6232)], trnG [9994..10683], atpF [complement(13221..13921)], rpoC1 [complement(23712..24443)], ycf3 [complement(44907..45627)], ycf3 [complement(45856..46581)], trnL-UAA [49958..50479], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[50480..50529], trnV-UAC [complement(53754..53790)], trnV-UAC [complement(54376..54414)], rps12 [complement(72619..72732)], rps12 [143231..143462], rps12 [143999..144024], clpP [complement(72876..73160)], clpP [complement(73766..74056)], clpP [complement(74855..74923)], petB [77854..77859], petB [78647..79303], petD [79492..79500], petD [80212..80736], rpl16 [complement(84233..84634)], rpl16 [complement(85631..85639)], rpl2 [complement(87338..87772)], rpl2 [complement(88440..88832)], ndhB [complement(97671..98426)], ndhB [complement(99106..99882)], trnI-GAU [105032..105073], trnI-GAU [106012..106046], trnA-UGC [106111..106148], trnA-UGC [106956..106990], ndhA [complement(122963..123502)], ndhA [complement(124609..125160)], trnA-UGC [complement(137585..137619)], trnA-UGC [complement(138427..138464)], trnI-GAU [complement(138529..138563)], trnI-GAU [complement(139502..139543)], ndhB [144693..145469], ndhB [146149..146904], rpl2 [155743..156132], rpl2 [156803..157237]	[complement(53791..54375)], clpP [complement(73161..73765)], clpP [complement(74057..74854)], petB [77860..78646], petD [79501..80211], rpl16 [complement(84635..85630)], rpl2 [complement(87773..88439)], ndhB [complement(98427..99105)], trnI-GAU [105074..106011], trnA-UGC [106149..106955], ndhA [complement(123503..124608)], trnA-UGC [complement(137620..138426)], trnI-GAU [complement(138564..139501)], ndhB [145470..146148], rpl2 [156133..156802]
3218.	SCSH	72	rps12 [complement(99245..99270)], rps12 [complement(99807..100038)], rps12 [complement(71985..72098)], trnH-GUG [complement(146840..146843)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1782..1818)], trnK-UUU [complement(4304..4340)], rps16 [complement(5142..5362)], rps16 [complement(6182..6221)], trnG-GCC [10458..10480], trnG-GCC [11261..11308], atpF [complement(13117..13533)], atpF [complement(14294..14437)], rpoC1 [complement(22507..24114)], rpoC1 [complement(24829..25281)], ycf3 [complement(44148..44300)], ycf3 [complement(45057..45286)], ycf3 [complement(46017..46140)], trnL-UAA [48793..48827], trnL-UAA [49311..49360], trnV-UAC [complement(53668..53704)], trnV-UAC [complement(54296..54334)], rps12 [142434..142665], rps12 [143202..143227], clpP [complement(72251..72499)], clpP [complement(73059..73350)], clpP [complement(74152..74222)], petB [77101..77106], petB [77868..78509], petD [78674..78681], petD [79372..79897], rpl16 [complement(83316..83717)], rpl16 [complement(84663..84671)], rpl2 [complement(86326..86756)], rpl2 [complement(87419..87809)], ndhB [complement(96161..96916)], ndhB	trnH-GUG [complement(146844..0)], trnK-UUU [complement(1819..4303)], rps16 [complement(5363..6181)], trnG-GCC [10481..11260], atpF [complement(13534..14293)], rpoC1 [complement(24115..24828)], ycf3 [complement(44301..45056)], ycf3 [complement(45287..46016)], trnL-UAA [48828..49310], trnV-UAC [complement(53705..54295)], clpP [complement(72500..73058)], clpP [complement(73351..74151)], petB [77107..77867], petD [78682..79371], rpl16 [complement(83718..84662)], rpl2 [complement(86757..87418)], ndhB [complement(96917..97618)], trnI-GAU [104019..104953], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97619..98395)], trnI-GAU [103977..104018], trnI-GAU [104954..104988], trnA-UGC [105053..105090], trnA-UGC [105882..105916], ndhA [complement(121866..122405)], ndhA [complement(123473..124024)], trnA-UGC [complement(136556..136590)], trnA-UGC [complement(137382..137419)], trnI-GAU [complement(137484..137518)], trnI-GAU [complement(138454..138495)], ndhB [144077..144853], ndhB [145556..146311]	[105091..105881], ndhA [complement(122406..123472)], trnA-UGC [complement(136591..137381)], trnI-GAU [complement(137519..138453)], ndhB [144854..145555]
3219.	SCSI	73	rps12 [complement(100528..100553)], rps12 [complement(101090..101321)], rps12 [complement(72630..72743)], trnK-UUU [complement(1798..1832)], trnK-UUU [complement(4343..4379)], rps16 [complement(5189..5413)], rps16 [complement(6253..6291)], trnG [9990..10012], trnG [10703..10750], atpF [complement(12797..13204)], atpF [complement(13906..14064)], rpoC1 [complement(22072..23697)], rpoC1 [complement(24430..24864)], ycf3 [complement(44742..44894)], ycf3 [complement(45616..45843)], ycf3 [complement(46570..46695)], trnL-UAA [49909..49945], trnL-UAA [50475..50524], trnV-UAC [complement(53757..53793)], trnV-UAC [complement(54379..54417)], rps12 [complement(72630..72743)], rps12 [143220..143451], rps12 [143988..144013], clpP [complement(72887..73171)], clpP [complement(73770..74060)], clpP [complement(74858..74926)], petB [77862..77867], petB [78655..79311], petD [79500..79508], petD [80220..80744], rpl16 [complement(84252..84653)], rpl16 [complement(85652..85660)], rpl2 [complement(87309..87743)], rpl2 [complement(88411..88803)], ndhB [complement(97648..98403)], ndhB [complement(99083..99859)], trnI-GAU [105026..105067], trnI-GAU [106006..106040], trnA-UGC [106105..106142], trnA-UGC [106950..106984], ndhA [complement(122931..123470)], ndhA [complement(124582..125133)], trnA-UGC [complement(137557..137591)], trnA-UGC [complement(138399..138436)], trnI-GAU [complement(138501..138535)], trnI-GAU [complement(139474..139515)], ndhB [144682..145458], ndhB [146138..146893], rpl2 [155738..156127], rpl2 [156798..157232]	trnK-UUU [complement(1833..4342)], rps16 [complement(5414..6252)], trnG [10013..10702], atpF [complement(13205..13905)], rpoC1 [complement(23698..24429)], ycf3 [complement(44895..45615)], ycf3 [complement(45844..46569)], trnL-UAA [49946..50474], trnV-UAC [complement(53794..54378)], clpP [complement(73172..73769)], clpP [complement(74061..74857)], petB [77868..78654], petD [79509..80219], rpl16 [complement(84654..85651)], rpl2 [complement(87744..88410)], ndhB [complement(98404..99082)], trnI-GAU [105068..106005], trnA-UGC [106143..106949], ndhA [complement(123471..124581)], trnA-UGC [complement(137592..138398)], trnI-GAU [complement(138536..139473)], ndhB [145459..146137], rpl2 [156128..156797]
3220.	SCSP	23	trnK-UUU [complement(1385..1413)], trnK-UUU [complement(3926..3963)], rps12 [129279..129307]	trnK-UUU [complement(1414..3925)], rps16 [complement(4724..5562)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(13425..14110)], atpF [34472..35306], ycf3 [complement(43652..44390)], ycf3 [complement(44619..45377)], trnL-UAA [48305..48756], trnV-UAC [complement(52383..52983)], petB [72098..72850], petD [73684..74423], rpl16 [complement(78874..79957)], rpl2 [complement(82358..83020)], ndhB [complement(88926..89629)], trnI-GAU [95880..96825], trnA-UGC [96964..97768], ndhA [complement(113789..114825)], trnA-UGC [complement(122776..123580)], trnI-GAU [complement(123719..124664)], ndhB [130915..131618], rpl2 [137524..138186]
3221.	SCSU	73	rps12 [complement(100487..100512)], rps12 [complement(101049..101280)], rps12 [complement(72588..72701)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4318..4354)], rps16 [complement(5173..5397)], rps16 [complement(6242..6280)], trnG [9969..9991], trnG [10682..10729], atpF [complement(12776..13183)], atpF [complement(13885..14043)], rpoC1 [complement(22050..23675)], rpoC1 [complement(24408..24842)], ycf3 [complement(44707..44859)], ycf3 [complement(45581..45808)], ycf3 [complement(46535..46660)], trnL-UAA [49880..49916], trnL-UAA [50439..50488], trnV-UAC [complement(53713..53749)], trnV-UAC [complement(54335..54373)], rps12 [complement(72588..72701)], rps12 [143177..143408], rps12 [143945..143970], clpP [complement(72845..73129)], clpP [complement(73728..74018)], clpP [complement(74817..74885)], petB [77821..77826], petB [78614..79270], petD [79459..79467], petD [80179..80703], rpl16 [complement(84213..84614)], rpl16 [complement(85611..85619)], rpl2 [complement(87268..87702)], rpl2 [complement(88370..88762)], ndhB [complement(97607..98362)], ndhB [complement(99042..99818)], trnI-GAU [104985..105026], trnI-GAU	trnK-UUU [complement(1809..4317)], rps16 [complement(5398..6241)], trnG [9992..10681], atpF [complement(13184..13884)], rpoC1 [complement(23676..24407)], ycf3 [complement(44860..45580)], ycf3 [complement(45809..46534)], trnL-UAA [49917..50438], trnV-UAC [complement(53750..54334)], clpP [complement(73130..73727)], clpP [complement(74019..74816)], petB [77827..78613], petD [79468..80178], rpl16 [complement(84615..85610)], rpl2 [complement(87703..88369)], ndhB [complement(98363..99041)], trnI-GAU [105027..105964], trnA-UGC [106102..106908], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105965..105999], trnA-UGC [106064..106101], trnA-UGC [106909..106943], ndhA [complement(122889..123428)], ndhA [complement(124539..125090)], trnA-UGC [complement(137514..137548)], trnA-UGC [complement(138356..138393)], trnI-GAU [complement(138458..138492)], trnI-GAU [complement(139431..139472)], ndhB [144639..145415], ndhB [146095..146850], rpl2 [155695..156084], rpl2 [156755..157189]	[complement(123429..124538)], trnA-UGC [complement(137549..138355)], trnI-GAU [complement(138493..139430)], ndhB [145416..146094], rpl2 [156085..156754]
3222.	SCSW	67	rps12 [complement(100019..100044)], rps12 [complement(100581..100812)], rps12 [complement(72431..72544)], rps16 [complement(5321..5547)], rps16 [complement(6424..6463)], trnG-GCC [10128..10150], trnG-GCC [10828..10875], atpF [complement(12824..13234)], atpF [complement(13931..14074)], rpoC1 [complement(21957..23576)], rpoC1 [complement(24333..24785)], ycf3 [complement(44352..44504)], ycf3 [complement(45244..45473)], ycf3 [complement(46187..46310)], trnL-UAA [49215..49249], trnL-UAA [49724..49773], rps12 [complement(72431..72544)], rps12 [141947..142178], rps12 [142715..142740], clpP [complement(72694..72921)], clpP [complement(73562..73853)], clpP [complement(74672..74742)], petB [77649..77654], petB [78358..78999], petD [79182..79189], petD [79910..80384], rpl16 [complement(83815..84213)], rpl16 [complement(85072..85080)], rpl2 [complement(86756..87189)], rpl2 [complement(87857..88247)], ndhB [complement(97012..97767)], ndhB [complement(98447..99223)], trnI-GAU [104524..104560], trnI-GAU [105508..105542], trnA-UGC [105607..105644], trnA-UGC [106456..106490], ndhA [complement(121635..122164)], ndhA [complement(123279..123834)], trnA-UGC [complement(136269..136303)], trnA-UGC [complement(137115..137152)], trnI-GAU [complement(137217..137251)], trnI-GAU [complement(138199..138235)], ndhB [143536..144312], ndhB [144992..145747], rpl2 [154512..154902], rpl2 [155570..156003]	rps16 [complement(5548..6423)], trnG-GCC [10151..10827], atpF [complement(13235..13930)], rpoC1 [complement(23577..24332)], ycf3 [complement(44505..45243)], ycf3 [complement(45474..46186)], trnL-UAA [49250..49723], clpP [complement(72922..73561)], clpP [complement(73854..74671)], petB [77655..78357], petD [79190..79909], rpl16 [complement(84214..85071)], rpl2 [complement(87190..87856)], ndhB [complement(97768..98446)], trnI-GAU [104561..105507], trnA-UGC [105645..106455], ndhA [complement(122165..123278)], trnA-UGC [complement(136304..137114)], trnI-GAU [complement(137252..138198)], ndhB [144313..144991], rpl2 [154903..155569]
3223.	SCTA	70	rps12 [complement(97485..97727)], rps12 [complement(69370..69483)], trnK-UUU [complement(1799..1833)], trnK-UUU [complement(4343..4379)], rps16 [complement(4861..5085)], rps16 [complement(5932..5973)], trnG-UCC [8681..8703], trnG-UCC [9388..9434], atpF [complement(11391..11801)],	trnK-UUU [complement(1834..4342)], rps16 [complement(5086..5931)], trnG-UCC [8704..9387], atpF [complement(11802..12523)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(12524..12667)], rpoC1 [complement(20503..22122)], rpoC1 [complement(22880..23314)], ycf3 [complement(42195..42347)], ycf3 [complement(43074..43301)], ycf3 [complement(44009..44137)], trnL-UAA [47132..47168], trnL-UAA [47657..47706], trnV-UAC [complement(51538..51574)], trnV-UAC [complement(52159..52196)], rps12 [138230..138472], clpP [complement(69610..69837)], clpP [complement(70472..70762)], clpP [complement(71493..71561)], petB [74503..74508], petB [75231..75872], petD [76050..76057], petD [76792..77266], rpl16 [complement(80662..81060)], rpl16 [complement(81948..81956)], rpl2 [complement(83636..84070)], rpl2 [complement(84735..85127)], ndhB [complement(93927..94682)], ndhB [complement(95362..96138)], trnI-GAU [101439..101480], trnI-GAU [102426..102460], trnA-UGC [102525..102562], trnA-UGC [103376..103410], ndhA [complement(118366..118896)], ndhA [complement(119960..120511)], trnA-UGC [complement(132547..132581)], trnA-UGC [complement(133395..133432)], trnI-GAU [complement(133497..133531)], trnI-GAU [complement(134477..134518)], ndhB [139819..140595], ndhB [141275..142030], rpl2 [150830..151222], rpl2 [151887..152321]	[complement(22123..22879)], ycf3 [complement(42348..43073)], ycf3 [complement(43302..44008)], trnL-UAA [47169..47656], trnV-UAC [complement(51575..52158)], clpP [complement(69838..70471)], clpP [complement(70763..71492)], petB [74509..75230], petD [76058..76791], rpl16 [complement(81061..81947)], rpl2 [complement(84071..84734)], ndhB [complement(94683..95361)], trnI-GAU [101481..102425], trnA-UGC [102563..103375], ndhA [complement(118897..119959)], trnA-UGC [complement(132582..133394)], trnI-GAU [complement(133532..134476)], ndhB [140596..141274], rpl2 [151223..151886]
3224.	SCTC	50	rps12 [complement(175961..176206)], rps12 [complement(60700..60813)], trnV-UAC [3395..3432], trnV-UAC [4035..4069], trnL-UAA [complement(7220..7269)], trnL-UAA [complement(7759..7795)], trnG-UCC [24423..24445], trnG-UCC [25140..25187], atpF [complement(27294..27703)], atpF [complement(28493..28637)], rps16 [30702..30742], rps16 [31652..31796], petD [complement(43528..44002)], petD [complement(44685..44692)], petB [complement(44884..45525)], petB [complement(46225..46230)], rps12 [89458..89703], ycf3 [complement(69574..69732)], ycf3 [complement(70474..70701)], ycf3 [complement(71401..71526)], trnK-UUU [106379..106415], trnK-UUU [108940..108974], trnI-GAU [112465..112502], trnI-GAU [113433..113467], trnA-UGC [113532..113569], trnA-UGC [114390..114424], ndhA [complement(130183..130721)], ndhA [complement(131961..132513)], trnA-UGC [complement(151240..151274)], trnA-UGC	trnV-UAC [3433..4034], trnL-UAA [complement(7270..7758)], trnG-UCC [24446..25139], atpF [complement(27704..28492)], rps16 [30743..31651], petD [complement(44003..44684)], petB [complement(45526..46224)], ycf3 [complement(69733..70473)], ycf3 [complement(70702..71400)], trnK-UUU [106416..108939], trnI-GAU [112503..113432], trnA-UGC [113570..114389], ndhA [complement(130722..131960)], trnA-UGC [complement(151275..152094)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(152095..152132)], trnI-GAU [complement(152197..152231)], trnI-GAU [complement(153162..153199)], trnK-UUU [complement(156690..156724)], trnK-UUU [complement(159249..159285)]	[complement(152232..153161)], trnK-UUU [complement(156725..159248)]
3225.	SCTE	23	trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3905..3942)], rps12 [128577..128605]	trnK-UUU [complement(1416..3904)], rps16 [complement(4711..5550)], trnG-UCC [complement(13246..13960)], atpF [33682..34505], ycf3 [complement(42839..43572)], ycf3 [complement(43801..44558)], trnL-UAA [47472..47922], trnV-UAC [complement(51559..52159)], petB [71331..72091], petD [72930..73669], rpl16 [complement(78113..79162)], rpl2 [complement(81566..82228)], ndhB [complement(88196..88899)], trnI-GAU [95206..96146], trnA-UGC [96285..97094], ndhA [complement(113035..114057)], trnA-UGC [complement(122018..122827)], trnI-GAU [complement(122966..123906)], ndhB [130213..130916], rpl2 [136884..137546]
3226.	SCTI	66	rps12 [complement(99938..99963)], rps12 [complement(100500..100731)], rps12 [complement(72361..72474)], rps16 [complement(5340..5566)], rps16 [complement(6447..6486)], trnG-GCC [10138..10160], trnG-GCC [10838..10885], atpF [complement(12824..13234)], atpF [complement(13931..14074)], rpoC1 [complement(21952..23571)], rpoC1 [complement(24333..24785)], ycf3 [complement(44366..44518)], ycf3 [complement(45252..45481)], ycf3 [complement(46190..46313)], trnL-UAA [49194..49228], trnL-UAA [49705..49754], rps12 [141526..141757], rps12 [142294..142319], clpP [complement(72608..72835)], clpP [complement(73480..73771)], clpP [complement(74584..74654)], petB [77574..77579], petB [78281..78922], petD [79105..79112], petD [79833..80307], rpl16 [complement(83739..84137)], rpl16	rps16 [complement(5567..6446)], trnG-GCC [10161..10837], atpF [complement(13235..13930)], rpoC1 [complement(23572..24332)], ycf3 [complement(44519..45251)], ycf3 [complement(45482..46189)], trnL-UAA [49229..49704], clpP [complement(72836..73479)], clpP [complement(73772..74583)], petB [77580..78280], petD [79113..79832], rpl16 [complement(84138..84992)], rpl2 [complement(87103..87769)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84993..85001)], rpl2 [complement(86669..87102)], rpl2 [complement(87770..88160)], ndhB [complement(96931..97686)], ndhB [complement(98366..99142)], trnI-GAU [104449..104485], trnI-GAU [105433..105467], trnA-UGC [105532..105569], trnA-UGC [106381..106415], ndhA [complement(121210..121739)], ndhA [complement(122853..123408)], trnA-UGC [complement(135842..135876)], trnA-UGC [complement(136688..136725)], trnI-GAU [complement(136790..136824)], trnI-GAU [complement(137772..137808)], ndhB [143115..143891], ndhB [144571..145326], rpl2 [154097..154487], rpl2 [155155..155588]	[complement(97687..98365)], trnI-GAU [104486..105432], trnA-UGC [105570..106380], ndhA [complement(121740..122852)], trnA-UGC [complement(135877..136687)], trnI-GAU [complement(136825..137771)], ndhB [143892..144570], rpl2 [154488..155154]
3227.	SCTR	26	rps12 [complement(71188..71301)], trnK-UUU [complement(1995..2029)], trnK-UUU [complement(4595..4631)], trnG-UCC [9234..9256], trnG-UCC [9965..10012], trnL-UAA [49393..49427], trnL-UAA [49934..49983], trnV-UAC [complement(53310..53346)], trnV-UAC [complement(53956..53994)], rps12 [147310..147335], trnI-GAU [104672..104708], trnI-GAU [105662..105696], trnA-UGC [105761..105798], trnA-UGC [106601..106635], trnA-UGC [complement(140879..140913)], trnA-UGC [complement(141716..141753)], trnI-GAU [complement(141818..141852)], trnI-GAU [complement(142806..142842)]	trnK-UUU [complement(2030..4594)], trnG-UCC [9257..9964], trnL-UAA [49428..49933], trnV-UAC [complement(53347..53955)], trnI-GAU [104709..105661], trnA-UGC [105799..106600], trnA-UGC [complement(140914..141715)], trnI-GAU [complement(141853..142805)]
3228.	SCTS	65	rps12 [complement(102700..102725)], rps12 [complement(103306..103537)], rps12 [complement(74923..75036)], trnK-UUU [complement(1903..1937)], trnK-UUU [complement(4482..4518)], rps16 [complement(5126..5388)], rps16 [complement(6237..6276)], trnG-GCC [10270..10290], trnG-GCC [11004..11050], atpF [complement(13024..13434)], atpF [complement(14163..14306)], rpoC1 [complement(22340..23955)], rpoC1 [complement(24744..25173)], ycf3 [complement(45413..45565)], ycf3 [complement(46331..46560)], ycf3 [complement(47298..47421)], trnL-UAA [50068..50104], trnL-UAA [50618..50670], trnV-UAC [complement(54544..54580)], trnV-UAC [complement(55155..55193)], rps12 [complement(74923..75036)], rps12 [145529..145760], rps12 [146341..146366], petB [78848..78853], petB [79635..80276], petD [80470..80477], petD [81255..81729], rpl16 [complement(85312..85710)], rpl16 [complement(86809..86817)], rpl2 [complement(88748..89181)], rpl2	trnK-UUU [complement(1938..4481)], rps16 [complement(5389..6236)], trnG-GCC [10291..11003], atpF [complement(13435..14162)], rpoC1 [complement(23956..24743)], ycf3 [complement(45566..46330)], ycf3 [complement(46561..47297)], trnL-UAA [50105..50617], trnV-UAC [complement(54581..55154)], petB [78854..79634], petD [80478..81254], rpl16 [complement(85711..86808)], rpl2 [complement(89182..89857)], ndhB [complement(100378..101056)], trnI-GAU [107524..108520], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89858..90254)], ndhB [complement(99622..100377)], ndhB [complement(101057..101833)], trnI-GAU [107487..107523], trnI-GAU [108521..108553], trnA-UGC [108620..108657], trnA-UGC [109464..109498], ndhA [complement(124274..124812)], ndhA [complement(125903..126455)], trnA-UGC [complement(139568..139602)], trnA-UGC [complement(140409..140446)], trnI-GAU [complement(140511..140545)], trnI-GAU [complement(141543..141579)], ndhB [147233..148009], ndhB [148689..149444]	[108658..109463], ndhA [complement(124813..125902)], trnA-UGC [complement(139603..140408)], trnI-GAU [complement(140546..141542)], ndhB [148010..148688]
3229.	SCVE	53	trnK-UUU [complement(1531..1565)], trnK-UUU [complement(3994..4030)], rps16 [complement(4852..4991)], rps16 [complement(5933..5972)], trnA-UGC [complement(12645..12679)], trnA-UGC [complement(13478..13515)], trnI-GAU [complement(13581..13615)], trnI-GAU [complement(14557..14593)], rps12 [complement(130194..130307)], rps12 [19603..19834], rps12 [20381..20406], ndhB [21150..21872], ndhB [22542..23297], rpl2 [35019..35427], rpl2 [36140..36570], rpl16 [38227..38235], rpl16 [39142..39558], petD [complement(43265..43769)], petD [complement(44401..44408)], petB [complement(44608..45249)], petB [complement(45989..45994)], atpF [complement(47073..47482)], atpF [complement(48172..48316)], ycf3 [complement(76319..76474)], ycf3 [complement(77177..77404)], ycf3 [complement(78099..78224)], trnL-UAA [80565..80599], trnL-UAA [81092..81141], trnV-UAC [complement(85008..85044)], trnV-UAC [complement(85580..85618)], trnG-UCC [complement(91003..91050)], trnG-UCC [complement(91864..91886)], ndhA [109831..110388], ndhA [111131..111679], rpoC1 [125002..125439], rpoC1 [126505..128133]	trnK-UUU [complement(1566..3993)], rps16 [complement(4992..5932)], trnA-UGC [complement(12680..13477)], trnI-GAU [complement(13616..14556)], ndhB [21873..22541], rpl2 [35428..36139], rpl16 [38236..39141], petD [complement(43770..44400)], petB [complement(45250..45988)], atpF [complement(47483..48171)], ycf3 [complement(76475..77176)], ycf3 [complement(77405..78098)], trnL-UAA [80600..81091], trnV-UAC [complement(85045..85579)], trnG-UCC [complement(91051..91863)], ndhA [110389..111130], rpoC1 [125440..126504]
3230.	SCVI	1	rps12 [150992..151017]	-
3231.	SCW A	73	rps12 [complement(100489..100514)], rps12 [complement(101051..101282)], rps12 [complement(72598..72711)], trnK-UUU [complement(1767..1801)], trnK-UUU [complement(4312..4348)], rps16 [complement(5164..5388)], rps16 [complement(6228..6266)], trnG [9959..9981], trnG [10672..10719], atpF [complement(12766..13173)], atpF [complement(13875..14033)], rpoC1 [complement(22038..23663)], rpoC1 [complement(24398..24832)], ycf3	trnK-UUU [complement(1802..4311)], rps16 [complement(5389..6227)], trnG [9982..10671], atpF [complement(13174..13874)], rpoC1 [complement(23664..24397)], ycf3 [complement(44868..45588)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44715..44867)], ycf3 [complement(45589..45816)], ycf3 [complement(46543..46668)], trnL-UAA [49901..49937], trnL-UAA [50460..50509], trnV-UAC [complement(53743..53779)], trnV-UAC [complement(54365..54403)], rps12 [complement(72598..72711)], rps12 [143163..143394], rps12 [143931..143956], clpP [complement(72855..73139)], clpP [complement(73740..74030)], clpP [complement(74829..74897)], petB [77834..77839], petB [78627..79283], petD [79472..79480], petD [80192..80716], rpl16 [complement(84215..84616)], rpl16 [complement(85613..85621)], rpl2 [complement(87270..87704)], rpl2 [complement(88372..88764)], ndhB [complement(97609..98364)], ndhB [complement(99044..99820)], trnI-GAU [104982..105023], trnI-GAU [105962..105996], trnA-UGC [106061..106098], trnA-UGC [106906..106940], ndhA [complement(122885..123424)], ndhA [complement(124535..125086)], trnA-UGC [complement(137505..137539)], trnA-UGC [complement(138347..138384)], trnI-GAU [complement(138449..138483)], trnI-GAU [complement(139422..139463)], ndhB [144625..145401], ndhB [146081..146836], rpl2 [155681..156070], rpl2 [156741..157175]	[complement(45817..46542)], trnL-UAA [49938..50459], trnV-UAC [complement(53780..54364)], clpP [complement(73140..73739)], clpP [complement(74031..74828)], petB [77840..78626], petD [79481..80191], rpl16 [complement(84617..85612)], rpl2 [complement(87705..88371)], ndhB [complement(98365..99043)], trnI-GAU [105024..105961], trnA-UGC [106099..106905], ndhA [complement(123425..124534)], trnA-UGC [complement(137540..138346)], trnI-GAU [complement(138484..139421)], ndhB [145402..146080], rpl2 [156071..156740]
3232.	SEAC	22	rps12 [142958..142983]	trnK-UUU [complement(1924..4443)], rps16 [complement(5455..6326)], trnG-UCC [9463..10170], atpF [complement(12561..13321)], rpoC1 [complement(22693..23478)], ycf3 [complement(43718..44474)], ycf3 [complement(44705..45482)], trnL-UAA [48600..49167], trnV-UAC [complement(53258..53858)], clpP [complement(72572..73198)], clpP [complement(73491..74379)], petB [77373..78140], petD [79003..79715], rpl16 [complement(84045..85004)], ndhB [complement(97124..97791)], trnI-GAU [103828..104774], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[104918..105739], ndhA [complement(122600..123687)], trnA-UGC [complement(136648..137469)], trnI-GAU [complement(137613..138559)], ndhB [144596..145263]
3233.	SEAD	20	rps12 [complement(101025..101050)], rps12 [complement(101587..101818)], rps12 [complement(72846..72959)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4180..4216)], trnG-UCC [9315..9337], trnG-UCC [10050..10095], trnL-UAA [50116..50150], trnL-UAA [50671..50720], trnV- UAC [complement(55010..55044)], trnV-UAC [complement(55635..55672)]	trnK-UUU [complement(1731..4179)], rps16 [complement(5184..6043)], trnG-UCC [9338..10049], atpF [complement(12451..13147)], rpoC1 [complement(22794..23521)], ycf3 [complement(44699..45429)], ycf3 [complement(45660..46356)], trnL-UAA [50151..50670], trnV-UAC [complement(55045..55634)]
3234.	SECE	32	rps12 [complement(89765..90034)], rps12 [complement(67633..67758)], trnK-UUU [complement(1358..1390)], trnK-UUU [complement(3894..3931)], rps16 [complement(4512..4724)], atpF [33937..34344], ycf3 [complement(42157..42315)], trnL-UAA [46776..46810], trnL-UAA [47404..47453], trnV-UAC [complement(51045..51081)], trnV-UAC [complement(51678..51716)], rpl2 [complement(81351..81782)], ndhB [complement(86139..86894)], trnI-GAU [93846..93887], trnI-GAU [94689..94723], trnA-UGC [94789..94826], trnA-UGC [95638..95672], ndhH [complement(113869..114843)], ndhA [complement(111750..112289)]	trnK-UUU [complement(1391..3893)], rps16 [complement(4725..5528)], atpF [33121..33936], ycf3 [complement(42316..43050)], ycf3 [complement(43279..44027)], trnL-UAA [46811..47403], trnV-UAC [complement(51082..51677)], rpl2 [complement(81783..82442)], ndhB [complement(86895..87606)], trnI-GAU [93888..94688], trnA-UGC [94827..95637], ndhH [102055..113868], ndhA [complement(112290..113318)]
3235.	SEGY	69	rps12 [complement(97846..97871)], rps12 [complement(98408..98639)], rps12 [complement(70467..70580)], trnK-UUU [complement(1521..1555)], trnK-UUU [complement(4069..4105)], rps16 [complement(4817..5013)], rps16 [complement(5865..5904)], trnG-UCC [8929..8951], trnG-UCC [9654..9701], atpF [complement(11626..12026)], atpF [complement(12753..12897)], rpoC1 [complement(20914..22518)], rpoC1 [complement(23274..23708)], ycf3	trnK-UUU [complement(1556..4068)], rps16 [complement(5014..5864)], trnG-UCC [8952..9653], atpF [complement(12027..12752)], rpoC1 [complement(22519..23273)], ycf3 [complement(43499..44274)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43344..43498)], ycf3 [complement(44275..44500)], ycf3 [complement(45219..45344)], trnL-UAA [48351..48385], trnL-UAA [48900..48949], trnV-UAC [complement(52525..52559)], trnV-UAC [complement(53128..53166)], rps12 [141441..141672], rps12 [142209..142234], clpP [complement(70726..70956)], clpP [complement(71592..71883)], clpP [complement(72741..72811)], petB [75761..75766], petB [76501..77142], petD [77323..77330], petD [78071..78545], rpl16 [complement(82031..82429)], rpl16 [complement(83381..83389)], rpl2 [complement(85075..85508)], rpl2 [complement(86159..86549)], ndhB [complement(94811..95566)], ndhB [complement(96249..97025)], trnI-GAU [102548..102584], trnI-GAU [103534..103568], trnA-UGC [103633..103670], trnA-UGC [104487..104521], ndhA [complement(121154..121693)], ndhA [complement(122757..123308)], trnA-UGC [complement(135559..135593)], trnA-UGC [complement(136410..136447)], trnI-GAU [complement(136512..136546)], trnI-GAU [complement(137496..137532)], ndhB [143055..143831], ndhB [144514..145269]	[complement(44501..45218)], trnL-UAA [48386..48899], trnV-UAC [complement(52560..53127)], clpP [complement(70957..71591)], clpP [complement(71884..72740)], petB [75767..76500], petD [77331..78070], rpl16 [complement(82430..83380)], rpl2 [complement(85509..86158)], ndhB [complement(95567..96248)], trnI-GAU [102585..103533], trnA-UGC [103671..104486], ndhA [complement(121694..122756)], trnA-UGC [complement(135594..136409)], trnI-GAU [complement(136547..137495)], ndhB [143832..144513]
3236.	SEIN	6	rps12 [complement(98014..98039)], rps12 [complement(98576..98807)], rpoC1 [complement(23601..24056)], rps12 [139688..139919], rps12 [140456..140481]	ndhB [complement(95763..96441)]
3237.	SEIT	59	rps12 [complement(89494..89736)], rps12 [complement(66706..66834)], trnK-UUU [complement(1903..1935)], trnK-UUU [complement(4357..4394)], rps16 [complement(4839..5056)], rps16 [complement(5892..5931)], atpF [33442..33585], atpF [34416..34823], ycf3 [complement(42525..42683)], ycf3 [complement(43413..43640)], ycf3 [complement(44399..44530)], trnL-UAA [47165..47199], trnL-UAA [47636..47685], trnV-UAC [complement(50884..50920)], trnV-UAC [complement(51523..51561)], rps12 [125673..125915], petB [70568..70573], petB [71249..71947], petD [72127..72134], petD [72875..73349], rpl16 [complement(76843..77244)], rpl16 [complement(78087..78095)], rpl2 [complement(79948..80379)], rpl2 [complement(81049..81432)], ndhB [complement(85871..86626)], ndhB [complement(87331..88107)], trnI-GAU [93551..93592], trnI-GAU	trnK-UUU [complement(1936..4356)], rps16 [complement(5057..5891)], atpF [33586..34415], ycf3 [complement(42684..43412)], ycf3 [complement(43641..44398)], trnL-UAA [47200..47635], trnV-UAC [complement(50921..51522)], petB [70574..71248], petD [72135..72874], rpl16 [complement(77245..78086)], rpl2 [complement(80380..81048)], ndhB [complement(86627..87330)], trnI-GAU [93593..94539], trnA-UGC [94678..95487],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[94540..94574], trnA-UGC [94640..94677], trnA-UGC [95488..95522], ndhA [complement(110427..110966)], ndhA [complement(111988..112533)], trnA-UGC [complement(119898..119932)], trnA-UGC [complement(120743..120780)], trnI-GAU [complement(120846..120880)], trnI-GAU [complement(121827..121868)], ndhB [127302..128078], ndhB [128783..129538], rpl2 [133979..134362], rpl2 [135032..135463]	ndhA [complement(110967..111987)], trnA-UGC [complement(119933..120742)], trnI-GAU [complement(120881..121826)], ndhB [128079..128782], rpl2 [134363..135031]
3238.	SELA	24	trnK-UUU [complement(1837..1871)], trnK-UUU [complement(4433..4469)], trnG-UCC [10865..10887], trnG-UCC [11584..11632], trnL-UAA [52810..52844], trnL-UAA [53394..53443], trnV-UAC [complement(57296..57332)], trnV-UAC [complement(57959..57997)], trnI-GAU [110278..110319], trnI-GAU [111272..111306], trnA-UGC [111371..111408], trnA-UGC [112211..112245], trnA-UGC [complement(142260..142294)], trnA-UGC [complement(143097..143134)], trnI-GAU [complement(143199..143233)], trnI-GAU [complement(144186..144227)]	trnK-UUU [complement(1872..4432)], trnG-UCC [10888..11583], trnL-UAA [52845..53393], trnV-UAC [complement(57333..57958)], trnI-GAU [110320..111271], trnA-UGC [111409..112210], trnA-UGC [complement(142295..143096)], trnI-GAU [complement(143234..144185)]
3239.	SEMO	41	trnK-UUU [complement(2231..2265)], trnK-UUU [complement(4779..4815)], rps16 [complement(5543..5739)], trnG-GCC [9549..9571], trnG-GCC [10283..10323], trnL-UAA [49121..49155], trnL-UAA [49671..49720], trnV-UAC [complement(53354..53388)], trnV-UAC [complement(53957..53995)], rps12 [142465..142490], rpl16 [complement(82485..82886)], trnI-GAU [102692..102728], trnI-GAU [103677..103711], trnA-UGC [103776..103813], trnA-UGC [104630..104664], trnA-UGC [complement(135781..135815)], trnA-UGC [complement(136632..136669)], trnI-GAU [complement(136734..136768)], trnI-GAU [complement(137717..137753)]	trnK-UUU [complement(2266..4778)], rps16 [complement(5740..6611)], trnG-GCC [9572..10282], atpF [complement(12633..13354)], rpoC1 [complement(23093..23839)], ycf3 [complement(44191..44971)], ycf3 [complement(45200..45917)], trnL-UAA [49156..49670], trnV-UAC [complement(53389..53956)], clpP [complement(71371..72010)], clpP [complement(72303..73146)], petB [76176..76938], petD [77768..78510], rpl16 [complement(82887..83835)], rpl2 [complement(85973..86623)], ndhB [complement(95675..96356)], trnI-GAU [102729..103676], trnA-UGC [103814..104629], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(121964..123038)], trnA-UGC [complement(135816..136631)], trnI-GAU [complement(136769..137716)], ndhB [144089..144770]
3240.	SEOC	73	rps12 [complement(103098..103123)], rps12 [complement(103657..103891)], rps12 [complement(74303..74416)], trnK-UUU [complement(1625..1659)], trnK-UUU [complement(4161..4197)], rps16 [complement(5406..5635)], rps16 [complement(6515..6554)], trnG-UCC [10115..10137], trnG-UCC [10822..10870], atpF [complement(13573..13980)], atpF [complement(14713..14856)], rpoC1 [complement(23142..24758)], rpoC1 [complement(25568..25999)], ycf3 [complement(46371..46523)], ycf3 [complement(47303..47530)], ycf3 [complement(48238..48363)], trnL-UAA [51465..51501], trnL-UAA [52047..52096], trnV-UAC [complement(55645..55681)], trnV-UAC [complement(56282..56320)], rps12 [complement(74303..74416)], rps12 [145436..145667], rps12 [146204..146229], clpP [complement(74608..74835)], clpP [complement(75475..75765)], clpP [complement(76537..76605)], petB [79552..79557], petB [80335..80976], petD [81176..81183], petD [81900..82374], rpl16 [complement(86170..86568)], rpl16 [complement(87624..87632)], rpl2 [complement(89520..89954)], rpl2 [complement(90617..91009)], ndhB [complement(100046..100801)], ndhB [complement(101487..102263)], trnI-GAU [107848..107889], trnI-GAU [108838..108872], trnA-UGC [108937..108974], trnA-UGC [109777..109811], ndhA [complement(124834..125373)], ndhA [complement(126686..127237)], trnA-UGC [complement(139516..139550)], trnA-UGC [complement(140353..140390)], trnI-GAU [complement(140455..140489)], trnI-GAU [complement(141438..141479)], ndhB [147064..147840], ndhB [148526..149281], rpl2 [158318..158710], rpl2 [159373..159807]	trnK-UUU [complement(1660..4160)], rps16 [complement(5636..6514)], trnG-UCC [10138..10821], atpF [complement(13981..14712)], rpoC1 [complement(24759..25567)], ycf3 [complement(46524..47302)], ycf3 [complement(47531..48237)], trnL-UAA [51502..52046], trnV-UAC [complement(55682..56281)], clpP [complement(74836..75474)], clpP [complement(75766..76536)], petB [79558..80334], petD [81184..81899], rpl16 [complement(86569..87623)], rpl2 [complement(89955..90616)], ndhB [complement(100802..101486)], trnI-GAU [107890..108837], trnA-UGC [108975..109776], ndhA [complement(125374..126685)], trnA-UGC [complement(139551..140352)], trnI-GAU [complement(140490..141437)], ndhB [147841..148525], rpl2 [158711..159372]
3241.	SEOR	65	rps12 [complement(95205..95231)], rps12 [complement(95768..95998)], rps12 [complement(66990..67103)], trnK-UUU [complement(1512..1546)], trnK-UUU [complement(4001..4037)], rps16 [complement(4684..4911)], rps16 [complement(5722..5763)], atpF [complement(11670..12079)], atpF	trnK-UUU [complement(1547..4000)], rps16 [complement(4912..5721)], atpF [complement(12080..12820)], rpoC1 [complement(22163..22870)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(12821..12965)], rpoC1 [complement(20504..22162)], rpoC1 [complement(22871..23305)], ycf3 [complement(41647..41799)], ycf3 [complement(42547..42774)], ycf3 [complement(43482..43610)], rps12 [135027..135257], rps12 [135794..135820], rps12 [135027..135256], rps12 [135793..135820], clpP [complement(67249..67476)], clpP [complement(68026..68316)], clpP [complement(69179..69247)], petB [72129..72134], petB [72942..73589], petD [73788..73796], petD [74555..75028], rpl16 [complement(78463..78861)], rpl16 [complement(79876..79884)], rpl2 [complement(81580..82013)], rpl2 [complement(82676..83066)], ndhB [complement(92181..92936)], ndhB [complement(93615..94391)], trnI-GAU [99345..99387], trnI-GAU [100329..100363], trnA-UGC [100432..100469], trnA-UGC [101265..101299], ndhA [complement(115930..116463)], ndhA [complement(117475..118026)], trnA-UGC [complement(129712..129746)], trnA-UGC [complement(130542..130579)], trnI-GAU [complement(130648..130682)], trnI-GAU [complement(131624..131666)], ndhB [136632..137408], ndhB [138087..138842], rpl2 [147959..148349], rpl2 [149012..149445]	[complement(41800..42546)], ycf3 [complement(42775..43481)], clpP [complement(67477..68025)], clpP [complement(68317..69178)], petB [72135..72941], petD [73797..74554], rpl16 [complement(78862..79875)], rpl2 [complement(82014..82675)], ndhB [complement(92937..93614)], trnI-GAU [99388..100328], trnA-UGC [100470..101264], ndhA [complement(116464..117474)], trnA-UGC [complement(129747..130541)], trnI-GAU [complement(130683..131623)], ndhB [137409..138086], rpl2 [148350..149011]
3242.	SEPO	66	rps12 [complement(98854..98879)], rps12 [complement(99427..99658)], rps12 [complement(71099..71212)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4384..4420)], rps16 [complement(5285..5486)], rps16 [complement(6381..6421)], trnG-UCC [9451..9473], trnG-UCC [10199..10246], atpF [complement(12216..12625)], atpF [complement(13381..13525)], rpoC1 [complement(21114..22724)], rpoC1 [complement(23543..23974)], ycf3 [complement(43477..43629)], ycf3 [complement(44389..44616)], ycf3 [complement(45400..45525)], trnL-UAA [48011..48047], trnL-UAA [48568..48617], trnV-UAC [complement(52351..52385)], trnV-UAC [complement(52998..53035)], rps12 [142103..142334], rps12 [142882..142907], clpP [complement(71377..71604)], clpP [complement(72229..72520)], clpP [complement(73424..73494)], petD [76220..76227], petD [78830..79304], petB [76505..76510], petB [77265..77906], rpl16 [complement(82719..83117)], rpl16 [complement(84111..84119)], ndhB [complement(95817..96572)], ndhB	trnK-UUU [complement(1864..4383)], rps16 [complement(5487..6380)], trnG-UCC [9474..10198], atpF [complement(12626..13380)], rpoC1 [complement(22725..23542)], ycf3 [complement(43630..44388)], ycf3 [complement(44617..45399)], trnL-UAA [48048..48567], trnV-UAC [complement(52386..52997)], clpP [complement(71605..72228)], clpP [complement(72521..73423)], petD [76228..78829], petB [76511..77264], rpl16 [complement(83118..84110)], ndhB [complement(96573..97240)], trnI-GAU [103305..104240], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97241..98017)], trnI-GAU [103268..103304], trnI-GAU [104241..104275], trnA-UGC [104346..104383], trnA-UGC [105204..105238], ndhA [complement(121961..122499)], ndhA [complement(123607..124159)], trnA-UGC [complement(136523..136557)], trnA-UGC [complement(137378..137415)], trnI-GAU [complement(137486..137520)], trnI-GAU [complement(138457..138493)], ndhB [143744..144520], ndhB [145189..145944]	[104384..105203], ndhA [complement(122500..123606)], trnA-UGC [complement(136558..137377)], trnI-GAU [complement(137521..138456)], ndhB [144521..145188]
3243.	SERE	73	rps12 [complement(100641..100666)], rps12 [complement(101208..101436)], rps12 [complement(71812..71925)], trnK-UUU [complement(1425..1459)], trnK-UUU [complement(4080..4116)], rps16 [complement(4871..5091)], rps16 [complement(5967..6006)], trnG-GCC [9027..9049], trnG-GCC [9739..9786], atpF [complement(11737..12147)], atpF [complement(12945..13088)], rpoC1 [complement(20985..22605)], rpoC1 [complement(23350..23777)], ycf3 [complement(43027..43187)], ycf3 [complement(43922..44149)], ycf3 [complement(44866..44989)], trnL-UAA [48033..48067], trnL-UAA [48586..48635], trnV-UAC [complement(53340..53376)], trnV-UAC [complement(53970..54008)], rps12 [complement(71812..71925)], rps12 [143715..143943], rps12 [144485..144510], clpP [complement(72062..72313)], clpP [complement(72964..73255)], clpP [complement(74072..74142)], petB [77062..77067], petB [77921..78568], petD [78782..78789], petD [79522..80035], rpl16 [complement(83502..83900)], rpl16 [complement(85018..85026)], rpl2 [complement(86950..87381)], rpl2 [complement(88044..88433)], ndhB [complement(97567..98322)], ndhB [complement(99027..99803)], trnI-GAU [105409..105450], trnI-GAU [106388..106422], trnA-UGC [106487..106524], trnA-UGC [107326..107360], ndhA [complement(123211..123749)], ndhA [complement(124814..125366)], trnA-UGC [complement(137791..137825)], trnA-UGC [complement(138627..138664)], trnI-GAU [complement(138729..138763)], trnI-GAU [complement(139701..139742)], ndhB [145348..146124], ndhB [146829..147584], rpl2 [156766..157155], rpl2 [157818..158249]	trnK-UUU [complement(1460..4079)], rps16 [complement(5092..5966)], trnG-GCC [9050..9738], atpF [complement(12148..12944)], rpoC1 [complement(22606..23349)], ycf3 [complement(43188..43921)], ycf3 [complement(44150..44865)], trnL-UAA [48068..48585], trnV-UAC [complement(53377..53969)], clpP [complement(72314..72963)], clpP [complement(73256..74071)], petB [77068..77920], petD [78790..79521], rpl16 [complement(83901..85017)], rpl2 [complement(87382..88043)], ndhB [complement(98323..99026)], trnI-GAU [105451..106387], trnA-UGC [106525..107325], ndhA [complement(123750..124813)], trnA-UGC [complement(137826..138626)], trnI-GAU [complement(138764..139700)], ndhB [146125..146828], rpl2 [157156..157817]
3244.	SESA	44	rps12 [complement(95994..96020)], rps12 [complement(96564..96794)], rps12 [complement(67718..67831)], trnK-UUU [complement(1528..1562)],	trnK-UUU [complement(1563..4010)], rps16 [complement(4934..5751)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4011..4047)], rps16 [complement(4706..4933)], rps16 [complement(5752..5793)], trnL-UAA [45858..45894], trnL-UAA [46410..46459], trnV-UAC [complement(49853..49889)], trnV-UAC [complement(50458..50495)], rps12 [135867..136097], rps12 [136641..136667], rpl16 [complement(79240..79638)], rpl16 [complement(80671..80679)], trnI-GAU [100145..100187], trnI-GAU [101132..101166], trnA-UGC [101235..101272], trnA-UGC [102068..102102], trnA-UGC [complement(130559..130593)], trnA-UGC [complement(131389..131426)], trnI-GAU [complement(131495..131529)], trnI-GAU [complement(132474..132516)]	[complement(12195..12934)], ycf3 [complement(42084..42827)], ycf3 [complement(43056..43757)], trnL-UAA [45895..46409], trnV-UAC [complement(49890..50457)], clpP [complement(68205..68763)], clpP [complement(69055..69923)], petB [72880..73713], petD [74559..75318], rpl16 [complement(79639..80670)], rpl2 [complement(82811..83472)], ndhB [complement(93721..94399)], trnI-GAU [100188..101131], trnA-UGC [101273..102067], ndhA [complement(117301..118287)], trnA-UGC [complement(130594..131388)], trnI-GAU [complement(131530..132473)], ndhB [138262..138940], rpl2 [149189..149850]
3245.	SESE	34	rpl2 [complement(16113..16544)], rpl2 [complement(17196..17597)], ndhB [complement(26611..27366)], ndhB [complement(28054..28776)], rps12 [60366..60479], rps12 [complement(30124..30378)], trnE [34317..34349], trnE [35250..35293], trnA [35341..35378], trnA [36134..36172], atpF [complement(68563..68972)], atpF [complement(69674..69818)], rpoC1 [complement(76612..78300)], rpoC1 [complement(79008..79439)], ycf3 [complement(97683..97838)], ycf3 [complement(98540..98769)], ycf3 [complement(99472..99595)], trnI [complement(116794..116854)], trnI [complement(117362..117392)], trnS [complement(126668..126727)], trnS [complement(127476..127506)], trnL [130050..130084], trnL [130569..130618]	rpl2 [complement(16545..17195)], ndhB [complement(27367..28053)], trnE [34350..35249], trnA [35379..36133], atpF [complement(68973..69673)], rpoC1 [complement(78301..79007)], ycf3 [complement(97839..98539)], ycf3 [complement(98770..99471)], trnI [complement(116855..117361)], trnS [complement(126728..127475)], trnL [130085..130568]
3246.	SETO	70	rps12 [complement(104668..104693)], rps12 [complement(105230..105461)], rps12 [complement(75505..75642)], trnK-UUU [complement(1701..1729)], trnK-UUU [complement(4261..4297)], rps16 [complement(5372..5586)], rps16 [complement(6511..6550)], trnG-UCC [10108..10130], trnG-UCC	trnK-UUU [complement(1730..4260)], rps16 [complement(5587..6510)], trnG-UCC [10131..10822], atpF [complement(13984..14713)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10823..10871], atpF [complement(13577..13983)], atpF [complement(14714..14858)], rpoC1 [complement(23592..25208)], rpoC1 [complement(26004..26435)], ycf3 [complement(47550..47702)], ycf3 [complement(48484..48711)], ycf3 [complement(49426..49551)], trnL-UAA [52823..52859], trnL-UAA [53377..53426], trnV-UAC [complement(56997..57033)], trnV-UAC [complement(57634..57672)], clpP [complement(75817..76044)], clpP [complement(76685..76975)], clpP [complement(77738..77806)], petB [80756..80761], petB [81584..82225], petD [82425..82432], petD [83158..83632], rpl16 [complement(87496..87897)], rpl16 [complement(88980..88988)], rpl2 [complement(91037..91471)], rpl2 [complement(92149..92541)], ndhB [complement(101615..102370)], ndhB [complement(103056..103832)], trnI-GAU [109448..109489], trnI-GAU [110438..110472], trnA-UGC [110537..110574], trnA-UGC [111377..111411], ndhA [complement(127139..127678)], ndhA [complement(129059..129610)], trnA-UGC [complement(141859..141893)], trnA-UGC [complement(142696..142733)], trnI-GAU [complement(142798..142832)], trnI-GAU [complement(143781..143822)], ndhB [149438..150214], ndhB [150900..151655], rpl2 [160729..161121], rpl2 [161799..162233]</p>	<p>[complement(25209..26003)], ycf3 [complement(47703..48483)], ycf3 [complement(48712..49425)], trnL-UAA [52860..53376], trnV-UAC [complement(57034..57633)], clpP [complement(76045..76684)], clpP [complement(76976..77737)], petB [80762..81583], petD [82433..83157], rpl16 [complement(87898..88979)], rpl2 [complement(91472..92148)], ndhB [complement(102371..103055)], trnI-GAU [109490..110437], trnA-UGC [110575..111376], ndhA [complement(127679..129058)], trnA-UGC [complement(141894..142695)], trnI-GAU [complement(142833..143780)], ndhB [150215..150899], rpl2 [161122..161798]</p>
3247.	SETR	64	<p>rps12 [complement(97994..98019)], rps12 [complement(98556..98787)], rps12 [complement(70638..70751)], trnK-UUU [complement(1600..1634)], trnK-UUU [complement(4164..4200)], rps16 [complement(4914..5110)], rps16 [complement(5967..6006)], trnG-UCC [9041..9063], trnG-UCC [9766..9813], atpF [complement(11708..12108)], atpF [complement(12852..12996)], rpoC1 [complement(21019..22623)], rpoC1 [complement(23391..23822)], ycf3 [complement(43461..43613)], ycf3 [complement(44396..44623)], ycf3 [complement(45344..45469)], trnL-UAA [48503..48537], trnL-UAA [49040..49089], trnV-UAC [complement(52697..52731)], trnV-UAC [complement(53300..53338)], clpP [complement(70902..71130)], clpP [complement(71762..72055)], clpP [complement(72907..72977)], petB [75927..75932], petB [76672..77313], petD [77494..77501], petD [78249..78723], rpl16 [complement(82227..82625)], rpl16 [complement(83577..83585)], rpl2 [complement(85269..85702)], rpl2</p>	<p>trnK-UUU [complement(1635..4163)], rps16 [complement(5111..5966)], trnG-UCC [9064..9765], atpF [complement(12109..12851)], rpoC1 [complement(22624..23390)], ycf3 [complement(43614..44395)], ycf3 [complement(44624..45343)], trnL-UAA [48538..49039], trnV-UAC [complement(52732..53299)], clpP [complement(71131..71761)], clpP [complement(72056..72906)], petB [75933..76671], petD [77502..78248], rpl16 [complement(82626..83576)], rpl2 [complement(85703..86353)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(86354..86744)], ndhB [complement(94957..95712)], ndhB [complement(96395..97171)], trnI-GAU [104280..104316], trnI-GAU [105264..105298], trnA-UGC [105363..105400], trnA-UGC [106214..106248], ndhA [complement(122850..123388)], ndhA [complement(124446..124998)], trnA-UGC [complement(137256..137290)], trnA-UGC [complement(138104..138141)], trnI-GAU [complement(138206..138240)], trnI-GAU [complement(139188..139224)]	[complement(95713..96394)], trnI-GAU [104317..105263], trnA-UGC [105401..106213], ndhA [complement(123389..124445)], trnA-UGC [complement(137291..138103)], trnI-GAU [complement(138241..139187)]
3248.	SEVI	38	trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3895..3932)], trnG-UCC [complement(12623..12670)], trnG-UCC [complement(13355..13377)], trnL-UAA [47840..47874], trnL-UAA [48414..48467], trnV-UAC [complement(52027..52063)], trnV-UAC [complement(52667..52705)], rps12 [128491..128519], rpl2 [complement(82685..83077)], trnI-GAU [95188..95229], trnI-GAU [96176..96210], trnA-UGC [96276..96313], trnA-UGC [97124..97158], trnA-UGC [complement(121951..121985)], trnA-UGC [complement(122796..122833)], trnI-GAU [complement(122899..122933)], trnI-GAU [complement(123880..123921)]	trnK-UUU [complement(1411..3894)], rps16 [complement(4683..5519)], trnG-UCC [complement(12671..13354)], atpF [34230..35033], ycf3 [complement(43399..44129)], ycf3 [complement(44358..45103)], trnL-UAA [47875..48413], trnV-UAC [complement(52064..52666)], petB [71981..72733], petD [73578..74317], rpl16 [complement(78747..79668)], rpl2 [complement(82025..82684)], ndhB [complement(88286..88995)], trnI-GAU [95230..96175], trnA-UGC [96314..97123], ndhA [complement(113042..114060)], trnA-UGC [complement(121986..122795)], trnI-GAU [complement(122934..123879)], ndhB [130115..130824], rpl2 [136434..137093]
3249.	SHCH	59	rps12 [complement(92118..92153)], rps12 [complement(92692..92922)], rps12 [complement(69957..70070)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3928..3965)], rps16 [complement(4522..4737)], rps16 [complement(5567..5608)], atpF [35286..35444], atpF [36274..36681], ycf3 [complement(44453..44611)], ycf3 [complement(45336..45563)], ycf3 [complement(46308..46439)], trnL-UAA [49202..49236], trnL-UAA [49776..49825], trnV-UAC [complement(53275..53311)], trnV-UAC [complement(53914..53952)], petB [73804..73809], petB [74623..75264], petD	trnK-UUU [complement(1410..3927)], rps16 [complement(4738..5566)], atpF [35445..36273], ycf3 [complement(44612..45335)], ycf3 [complement(45564..46307)], trnL-UAA [49237..49775], trnV-UAC [complement(53312..53913)], petB [73810..74622], petD [75472..76220], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[75463..75471], petD [76221..76694], rpl16 [complement(80357..80758)], rpl16 [complement(81857..81865)], rpl2 [complement(83850..84281)], rpl2 [complement(84942..85334)], ndhB [complement(89049..89804)], ndhB [complement(90517..91293)], trnI-GAU [96753..96794], trnI-GAU [97741..97775], trnA-UGC [97841..97878], trnA-UGC [98690..98724], ndhA [complement(114790..115329)], ndhA [complement(116362..116910)], trnA-UGC [complement(124277..124311)], trnA-UGC [complement(125123..125160)], trnI-GAU [complement(125226..125260)], trnI-GAU [complement(126207..126248)], ndhB [131708..132484], ndhB [133197..133952], rpl2 [137667..138059], rpl2 [138720..139151]	[complement(80759..81856)], rpl2 [complement(84282..84941)], ndhB [complement(89805..90516)], trnI-GAU [96795..97740], trnA-UGC [97879..98689], ndhA [complement(115330..116361)], trnA-UGC [complement(124312..125122)], trnI-GAU [complement(125261..126206)], ndhB [132485..133196], rpl2 [138060..138719]
3250.	SHPA	40	trnL-UAA [complement(48608..48657)], trnL-UAA [complement(48063..48099)], trnK-UUU [complement(1694..1728)], trnK-UUU [complement(4242..4278)], trnL-UAA [48608..48656], trnV-UAC [complement(52586..52622)], trnV-UAC [complement(53193..53210)], clpP [complement(71235..71756)], petD [77128..77136], petD [77836..78306], trnI-GAU [100620..100661], trnI-GAU [101609..101643], trnA-UGC [101711..101748], trnA-UGC [102543..102577], trnA-UGC [complement(131927..131961)], trnA-UGC [complement(132756..132793)], trnI-GAU [complement(132861..132895)], trnI-GAU [complement(133843..133884)], rpl2 [149188..149580], rpl2 [150252..150686]	trnL-UAA [complement(48658..48062)], trnK-UUU [complement(1729..4241)], rps16 [complement(5155..6056)], rpoC1 [complement(21697..22478)], ycf3 [complement(42923..43656)], ycf3 [complement(43885..44631)], trnL-UAA [48100..48607], trnV-UAC [complement(52623..53192)], clpP [complement(71757..72552)], petB [75467..76265], petD [77137..77835], rpl2 [complement(84253..84923)], ndhB [complement(94510..95196)], trnI-GAU [100662..101608], trnA-UGC [101749..102542], ndhA [complement(117750..118835)], trnA-UGC [complement(131962..132755)], trnI-GAU [complement(132896..133842)], ndhB [139308..139994], rpl2 [149581..150251]
3251.	SHZE	37	trnK-UUU [complement(1645..1680)], trnK-UUU [complement(4198..4234)], trnL-UAA [48492..48528], trnL-UAA [49014..49063], trnV-UAC [complement(52954..52990)], trnV-UAC [complement(53562..53579)], petD [77694..77701], petD [78397..78871], trnI-GAU [101179..101220], trnI-GAU	trnK-UUU [complement(1681..4197)], rps16 [complement(5109..6004)], rpoC1 [complement(21785..22575)], ycf3 [complement(43295..44036)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[102168..102202], trnA-UGC [102270..102307], trnA-UGC [103102..103136], trnA-UGC [complement(132660..132694)], trnA-UGC [complement(133489..133526)], trnI-GAU [complement(133594..133628)], trnI-GAU [complement(134576..134617)], rpl2 [149921..150313], rpl2 [150985..151419]	[complement(44264..45002)], trnL-UAA [48529..49013], trnV-UAC [complement(52991..53561)], clpP [complement(72290..73116)], petB [76039..76826], petD [77702..78396], rpl2 [complement(84813..85483)], ndhB [complement(95069..95755)], trnI-GAU [101221..102167], trnA-UGC [102308..103101], ndhA [complement(118558..119634)], trnA-UGC [complement(132695..133488)], trnI-GAU [complement(133629..134575)], ndhB [140041..140727], rpl2 [150314..150984]
3252.	SIAP	69	rps12 [complement(95024..95049)], rps12 [complement(95586..95817)], rps12 [complement(67995..68108)], trnH-GUG [complement(150292..150293)], trnH-GUG [complement(1..72)], trnK-UUU [complement(1611..1645)], trnK-UUU [complement(4141..4177)], rps16 [complement(4774..4999)], rps16 [complement(5835..5875)], trnG-UCC [8403..8425], trnG-UCC [9123..9170], atpF [complement(11103..11512)], atpF [complement(12185..12329)], rpoC1 [complement(19814..21436)], rpoC1 [complement(22176..22607)], ycf3 [complement(41021..41173)], ycf3 [complement(42030..42257)], ycf3 [complement(43014..43139)], trnL-UAA [46012..46048], trnL-UAA [46620..46669], trnV-UAC [complement(50452..50486)], trnV-UAC [complement(51072..51110)], rps12 [136702..136933], rps12 [137470..137495], clpP [complement(68240..68467)], clpP [complement(69089..69380)], clpP [complement(70213..70283)], petB [73179..73184], petB [73931..74572], petD [74767..74774], petD [75546..76020], rpl16 [complement(79404..79802)], rpl16 [complement(80708..80716)], ndhB [complement(91969..92730)], ndhB [complement(93399..94175)], trnI-GAU [98875..98911], trnI-GAU [99853..99887], trnA-UGC [99958..99995], trnA-UGC [100805..100839], ndhA [complement(117256..117794)], ndhA [complement(118812..119364)],	trnH-GUG [complement(150294..0)], trnK-UUU [complement(1646..4140)], rps16 [complement(5000..5834)], trnG-UCC [8426..9122], atpF [complement(11513..12184)], rpoC1 [complement(21437..22175)], ycf3 [complement(41174..42029)], ycf3 [complement(42258..43013)], trnL-UAA [46049..46619], trnV-UAC [complement(50487..51071)], clpP [complement(68468..69088)], clpP [complement(69381..70212)], petB [73185..73930], petD [74775..75545], rpl16 [complement(79803..80707)], ndhB [complement(92731..93398)], trnI-GAU [98912..99852], trnA-UGC [99996..100804], ndhA [complement(117795..118811)], trnA-UGC [complement(131715..132523)], trnI-GAU [complement(132667..133607)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(131680..131714)], trnA-UGC [complement(132524..132561)], trnI-GAU [complement(132632..132666)], trnI-GAU [complement(133608..133644)], ndhB [138344..139120], ndhB [139789..140550]	[139121..139788]
3253.	SIAR	51	rps12 [complement(97195..97221)], rps12 [complement(97759..97990)], rps12 [complement(68735..68835)], rps16 [complement(4880..5100)], rps16 [complement(5988..6033)], atpF [complement(11164..11573)], atpF [complement(12304..12448)], rpoC1 [complement(19937..21547)], rpoC1 [complement(22335..22766)], ycf3 [complement(41797..41951)], ycf3 [complement(42700..42925)], ycf3 [complement(43649..43774)], rps12 [138992..139223], rps12 [139761..139787], clpP [complement(69026..69253)], clpP [complement(69820..70113)], clpP [complement(71029..71097)], psbB [71594..72179], psbB [72213..73120], petB [74084..74089], petB [74883..75521], petD [75719..75725], petD [76441..76916], rpl16 [complement(80398..80802)], rpl16 [complement(81850..81858)], rpl2 [complement(83560..83994)], rpl2 [complement(84674..85066)], ndhB [complement(94128..94889)], ndhB [complement(95584..96360)], ndhA [complement(119000..119530)], ndhA [complement(120611..121162)], ndhB [140622..141398], ndhB [142093..142854], rpl2 [151916..152308], rpl2 [152988..153422]	rps16 [complement(5101..5987)], atpF [complement(11574..12303)], rpoC1 [complement(21548..22334)], ycf3 [complement(41952..42699)], ycf3 [complement(42926..43648)], clpP [complement(69254..69819)], clpP [complement(70114..71028)], psbB [72180..72212], petB [74090..74882], petD [75726..76440], rpl16 [complement(80803..81849)], rpl2 [complement(83995..84673)], ndhB [complement(94890..95583)], ndhA [complement(119531..120610)], ndhB [141399..142092], rpl2 [152309..152987]
3254.	SICA	66	rps12 [complement(94968..94993)], rps12 [complement(95530..95761)], rps12 [complement(67987..68100)], trnK-UUU [complement(1611..1644)], trnK-UUU [complement(4140..4176)], rps16 [complement(4755..4981)], rps16 [complement(5817..5856)], trnG-UCC [8379..8401], trnG-UCC [9099..9146], atpF [complement(11079..11488)], atpF [complement(12168..12312)], rpoC1 [complement(19803..21425)], rpoC1 [complement(22166..22597)], ycf3 [complement(41031..41183)], ycf3 [complement(42040..42269)], ycf3 [complement(43027..43150)], trnL-UAA [46042..46076], trnL-UAA [46654..46703], trnV-UAC [complement(50484..50518)], trnV-UAC [complement(51104..51142)], rps12 [136633..136864], rps12 [137401..137426], clpP [complement(68232..68459)], clpP [complement(69065..69356)], clpP [complement(70178..70248)], petB	trnK-UUU [complement(1645..4139)], rps16 [complement(4982..5816)], trnG-UCC [8402..9098], atpF [complement(11489..12167)], rpoC1 [complement(21426..22165)], ycf3 [complement(41184..42039)], ycf3 [complement(42270..43026)], trnL-UAA [46077..46653], trnV-UAC [complement(50519..51103)], clpP [complement(68460..69064)], clpP [complement(69357..70177)], petB [73150..73895], petD [74740..75510], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[73144..73149], petB [73896..74537], petD [74732..74739], petD [75511..75985], rpl16 [complement(79364..79762)], rpl16 [complement(80668..80676)], ndhB [complement(91913..92674)], ndhB [complement(93343..94119)], trnI-GAU [98819..98860], trnI-GAU [99797..99831], trnA-UGC [99902..99939], trnA-UGC [100749..100783], ndhA [complement(117202..117740)], ndhA [complement(118754..119306)], trnA-UGC [complement(131611..131645)], trnA-UGC [complement(132455..132492)], trnI-GAU [complement(132563..132597)], trnI-GAU [complement(133534..133575)], ndhB [138275..139051], ndhB [139720..140481]	[complement(79763..80667)], ndhB [complement(92675..93342)], trnI-GAU [98861..99796], trnA-UGC [99940..100748], ndhA [complement(117741..118753)], trnA-UGC [complement(131646..132454)], trnI-GAU [complement(132598..133533)], ndhB [139052..139719]
3255.	SICE	4	rps12 [complement(71787..71900)], rps12 [144272..144296]	clpP [complement(73258..74065)], rpl16 [complement(83784..84872)]
3256.	SICH	59	rps12 [complement(93826..93851)], rps12 [complement(94388..94619)], rps12 [complement(69226..69339)], trnK-UUU [complement(1648..1681)], trnK-UUU [complement(4203..4239)], rps16 [complement(4850..5076)], rps16 [complement(5777..5816)], trnG-UCC [8186..8208], trnG-UCC [8893..8940], atpF [complement(10868..11277)], atpF [complement(11975..12119)], rpoC1 [complement(19718..21328)], rpoC1 [complement(22081..22512)], trnL-UAA [45777..45811], trnL-UAA [46457..46506], trnV-UAC [complement(50721..50755)], trnV-UAC [complement(51351..51389)], ycf3 [57121..57244], ycf3 [58002..58231], ycf3 [59026..59178], petB [73150..73155], petB [73886..74527], petD [74727..74734], petD [75496..75970], rpl16 [complement(79346..79744)], rpl16 [complement(80649..80657)], ndhB [complement(90781..91536)], ndhB [complement(92205..92981)], trnI-GAU [98428..98464], trnI-GAU [99393..99427], trnA-UGC [99509..99546], trnA-UGC [100356..100390], ndhA [complement(116454..116992)], ndhA [complement(118002..118554)], trnA-UGC [complement(130861..130895)], trnA-UGC [complement(131705..131742)], trnI-GAU [complement(131824..131858)], trnI-GAU [complement(132787..132823)], ndhB [138270..139046], ndhB [139715..140470]	trnK-UUU [complement(1682..4202)], rps16 [complement(5077..5776)], trnG-UCC [8209..8892], atpF [complement(11278..11974)], rpoC1 [complement(21329..22080)], trnL-UAA [45812..46456], trnV-UAC [complement(50756..51350)], ycf3 [57245..58001], ycf3 [58232..59025], petB [73156..73885], petD [74735..75495], rpl16 [complement(79745..80648)], ndhB [complement(91537..92204)], trnI-GAU [98465..99392], trnA-UGC [99547..100355], ndhA [complement(116993..118001)], trnA-UGC [complement(130896..131704)], trnI-GAU [complement(131859..132786)], ndhB [139047..139714]
3257.	SICI	63	rps12 [complement(99680..99705)], rps12 [complement(100241..100472)],	trnK-UUU [complement(1618..4148)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(71457..71570)], trnK-UUU [complement(1583..1617)], trnK-UUU [complement(4149..4185)], rps16 [complement(4712..4937)], rps16 [complement(5793..5833)], trnG-UCC [8830..8852], trnG-UCC [9557..9604], atpF [complement(11586..11995)], atpF [complement(12741..12885)], rpoC1 [complement(20506..22116)], rpoC1 [complement(22922..23353)], ycf3 [complement(44036..44188)], ycf3 [complement(44930..45157)], ycf3 [complement(45897..46022)], trnL-UAA [49162..49198], trnL-UAA [49721..49771], trnV-UAC [complement(52947..52981)], trnV-UAC [complement(53563..53601)], rps12 [137472..137703], rps12 [138239..138264], clpP [complement(71698..71925)], clpP [complement(72567..72858)], clpP [complement(73781..73851)], petB [76795..76800], petB [77561..78202], petD [78397..78404], petD [79260..79734], rpl16 [complement(83210..83608)], rpl16 [complement(84631..84639)], ndhB [complement(96622..97377)], ndhB [complement(98056..98826)], trnI-GAU [104428..104464], trnI-GAU [105411..105445], trnA-UGC [105510..105547], trnA-UGC [106355..106389], trnA-UGC [complement(131555..131589)], trnA-UGC [complement(132397..132434)], trnI-GAU [complement(132499..132533)], trnI-GAU [complement(133480..133516)], ndhB [139118..139888], ndhB [140567..141322]</p>	<p>[complement(4938..5792)], trnG-UCC [8853..9556], atpF [complement(11996..12740)], rpoC1 [complement(22117..22921)], ycf3 [complement(44189..44929)], ycf3 [complement(45158..45896)], trnL-UAA [49199..49720], trnV-UAC [complement(52982..53562)], clpP [complement(71926..72566)], clpP [complement(72859..73780)], petB [76801..77560], petD [78405..79259], rpl16 [complement(83609..84630)], ndhB [complement(97378..98055)], trnI-GAU [104465..105410], trnA-UGC [105548..106354], trnA-UGC [complement(131590..132396)], trnI-GAU [complement(132534..133479)], ndhB [139889..140566]</p>
3258.	SICN	59	<p>rps12 [complement(91324..91349)], rps12 [complement(91886..92117)], rps12 [complement(67072..67185)], trnH-GUG [complement(147894..147896)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1604..1637)], trnK-UUU [complement(4120..4156)], rps16 [complement(4734..4960)], rps16 [complement(5791..5830)], trnG-UCC [8280..8302], trnG-UCC [8994..9041], atpF [complement(10979..11388)], atpF [complement(12065..12209)], trnV-UAC [46874..46912], trnV-UAC [47489..47523], trnL-UAA [complement(51141..51190)], trnL-UAA [complement(51736..51770)], ycf3 [54632..54755], ycf3 [55499..55728], ycf3 [56548..56700], petB [71174..71179], petB [71917..72558], petD [72751..72758], petD [73516..73990], rpl16 [complement(77389..77787)], rpl16 [complement(78691..78699)], ndhB [complement(88283..89038)], ndhB</p>	<p>trnH-GUG [complement(147897..0)], trnK-UUU [complement(1638..4119)], rps16 [complement(4961..5790)], trnG-UCC [8303..8993], atpF [complement(11389..12064)], trnV-UAC [46913..47488], trnL-UAA [complement(51191..51735)], ycf3 [54756..55498], ycf3 [55729..56547], petB [71180..71916], petD [72759..73515], rpl16 [complement(77788..78690)], ndhB [complement(89039..89706)], trnI-GAU [95767..96707], trnA-UGC [96851..97632],</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89707..90483)], trnI-GAU [95730..95766], trnI-GAU [96708..96742], trnA-UGC [96813..96850], trnA-UGC [97633..97667], ndhA [complement(117293..117831)], ndhA [complement(118872..119424)], trnA-UGC [complement(131127..131161)], trnA-UGC [complement(131944..131981)], trnI-GAU [complement(132052..132086)], trnI-GAU [complement(133028..133064)], ndhB [138311..139087], ndhB [139756..140511]	ndhA [complement(117832..118871)], trnA-UGC [complement(131162..131943)], trnI-GAU [complement(132087..133027)], ndhB [139088..139755]
3259.	SICR	72	rps12 [complement(99938..99963)], rps12 [complement(100500..100731)], rps12 [complement(71652..71765)], trnK-UUU [complement(1839..1873)], trnK-UUU [complement(4395..4431)], rps16 [complement(5338..5529)], rps16 [complement(6396..6434)], trnG [9728..9750], trnG [10443..10490], atpF [complement(12425..12835)], atpF [complement(13548..13694)], rpoC1 [complement(21503..23119)], rpoC1 [complement(23888..24340)], ycf3 [complement(43766..43918)], ycf3 [complement(44704..44931)], ycf3 [complement(45651..45776)], trnL-UAA [48473..48509], trnL-UAA [49012..49061], trnV-UAC [complement(53253..53289)], trnV-UAC [complement(53865..53902)], rps12 [142774..143005], rps12 [143542..143567], clpP [complement(71923..72150)], clpP [complement(72771..73061)], clpP [complement(73892..73960)], petB [76884..76889], petB [77662..78303], petD [78492..78500], petD [79229..79702], rpl16 [complement(83222..83620)], rpl16 [complement(84671..84679)], rpl2 [complement(86484..86918)], rpl2 [complement(87589..87981)], ndhB [complement(96888..97643)], ndhB [complement(98323..99099)], trnI-GAU [104558..104599], trnI-GAU [105540..105574], trnA-UGC [105633..105670], trnA-UGC [106486..106520], ndhA [complement(122291..122830)], ndhA [complement(123903..124454)], trnA-UGC [complement(136985..137019)], trnA-UGC [complement(137835..137872)], trnI-GAU [complement(137931..137965)], trnI-GAU [complement(138906..138947)], ndhB [144406..145182], ndhB [145862..146617], rpl2 [155524..155913], rpl2 [156587..157021]	trnK-UUU [complement(1874..4394)], rps16 [complement(5530..6395)], trnG [9751..10442], atpF [complement(12836..13547)], rpoC1 [complement(23120..23887)], ycf3 [complement(43919..44703)], ycf3 [complement(44932..45650)], trnL-UAA [48510..49011], trnV-UAC [complement(53290..53864)], clpP [complement(72151..72770)], clpP [complement(73062..73891)], petB [76890..77661], petD [78501..79228], rpl16 [complement(83621..84670)], rpl2 [complement(86919..87588)], ndhB [complement(97644..98322)], trnI-GAU [104600..105539], trnA-UGC [105671..106485], ndhA [complement(122831..123902)], trnA-UGC [complement(137020..137834)], trnI-GAU [complement(137966..138905)], ndhB [145183..145861], rpl2 [155914..156586]
3260.	SIGR	28	rps12 [complement(101313..101338)], rps12 [complement(101879..102107)], rps12 [complement(72871..72984)], trnV [complement(54437..54473)], trnV	trnK-UUU [complement(1666..4161)], rps16 [complement(5238..6096)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(55084..55121)], rps12 [complement(72871..72984)], rps12 [144272..144500], rps12 [145041..145066]	[9806..10486], atpF [complement(13530..14285)], rpoC1 [complement(24018..24756)], ycf3 [complement(45239..45980)], ycf3 [complement(46209..46937)], trnL-UAA [50194..50722], trnV [complement(54474..55083)], clpP [complement(73399..74018)], clpP [complement(74313..75146)], rpl2 [complement(88159..88784)], ndhB [complement(99001..99686)], trnE [105890..106842], trnA-UGC [106988..107789], ndhA [complement(124446..125582)], trnA-UGC [complement(138590..139391)], trnE-UUC [complement(139537..140489)], ndhB [146693..147378], rpl2 [157593..158221]
3261.	SIHE	25	rps12 [144492..144517], clpP [complement(72201..72447)]	trnK-UUU [complement(1776..4282)], rps16 [complement(5493..6395)], trnG-UCC [9111..9817], atpF [complement(12259..12969)], rpoC1 [complement(22338..23087)], ycf3 [complement(43899..44644)], ycf3 [complement(44875..45601)], trnL-UAA [48764..49228], trnV-UAC [complement(53918..54510)], clpP [complement(72448..73108)], clpP [complement(73400..74090)], petB [77040..77856], petD [78716..79437], rpl16 [complement(83809..84840)], rpl2 [complement(87017..87676)], ndhB [complement(98041..98740)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[104514..105458], trnA-UGC [105596..106401], ndhA [complement(123470..124535)], trnA-UGC [complement(138000..138805)], trnI-GAU [complement(138943..139887)], ndhB [145661..146360], rpl2 [156725..157384]
3262.	SIHN	73	rps12 [complement(101241..101266)], rps12 [complement(101803..102034)], rps12 [complement(72955..73068)], trnK-UUU [complement(1801..1835)], trnK-UUU [complement(4280..4316)], rps16 [complement(4963..5187)], rps16 [complement(6038..6076)], trnG [9972..9994], trnG [10701..10748], atpF [complement(12711..13118)], atpF [complement(13834..13992)], rpoC1 [complement(22021..23643)], rpoC1 [complement(24364..24798)], ycf3 [complement(45193..45345)], ycf3 [complement(46090..46317)], ycf3 [complement(47046..47171)], trnL-UAA [49848..49884], trnL-UAA [50392..50441], trnV-UAC [complement(54412..54448)], trnV-UAC [complement(55022..55060)], rps12 [complement(72955..73068)], rps12 [144215..144446], rps12 [144983..145008], clpP [complement(73227..73454)], clpP [complement(74095..74385)], clpP [complement(75200..75268)], petB [78124..78129], petB [78899..79555], petD [79749..79757], petD [80397..80921], rpl16 [complement(84362..84763)], rpl16 [complement(85785..85793)], rpl2 [complement(87578..88012)], rpl2 [complement(88666..89058)], ndhB [complement(98199..98954)], ndhB [complement(99629..100405)], trnI-GAU [105928..105969], trnI-GAU [106905..106939], trnA-UGC [107004..107041], trnA-UGC [107876..107910], ndhA [complement(123854..124393)], ndhA [complement(125463..126014)], trnA-UGC [complement(138339..138373)], trnA-UGC [complement(139208..139245)], trnI-GAU [complement(139310..139344)], trnI-GAU [complement(140280..140321)], ndhB [145844..146620], ndhB [147295..148050], rpl2 [157191..157580], rpl2 [158237..158671]	trnK-UUU [complement(1836..4279)], rps16 [complement(5188..6037)], trnG [9995..10700], atpF [complement(13119..13833)], rpoC1 [complement(23644..24363)], ycf3 [complement(45346..46089)], ycf3 [complement(46318..47045)], trnL-UAA [49885..50391], trnV-UAC [complement(54449..55021)], clpP [complement(73455..74094)], clpP [complement(74386..75199)], petB [78130..78898], petD [79758..80396], rpl16 [complement(84764..85784)], rpl2 [complement(88013..88665)], ndhB [complement(98955..99628)], trnI-GAU [105970..106904], trnA-UGC [107042..107875], ndhA [complement(124394..125462)], trnA-UGC [complement(138374..139207)], trnI-GAU [complement(139345..140279)], ndhB [146621..147294], rpl2 [157581..158236]
3263.	SIIR	72	rps12 [complement(97713..97738)], rps12 [complement(98276..98507)], rps12 [complement(69252..69365)], trnK [complement(1706..1740)], trnK [complement(4317..4350)], rps16 [complement(5047..5273)], rps16	trnK [complement(1741..4316)], rps16 [complement(5274..6156)], trnG [8517..9236], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6157..6196)], trnG [8494..8516], trnG [9237..9285], atpF [complement(11402..11811)], atpF [complement(12528..12672)], rpoC1 [complement(20157..21767)], rpoC1 [complement(22547..22978)], ycf3 [complement(42408..42560)], ycf3 [complement(43352..43579)], ycf3 [complement(44288..44413)], trnL [46815..46849], trnL [47162..47211], trnV [complement(50812..50846)], trnV [complement(51453..51491)], rps12 [139386..139617], rps12 [140155..140180], clpP [complement(69553..69780)], clpP [complement(70356..70647)], clpP [complement(71545..71615)], petB [74590..74595], petB [75390..76031], petD [76238..76245], petD [76962..77436], rpl16 [complement(80849..81256)], rpl16 [complement(82363..82371)], rpl2 [complement(84059..84493)], rpl2 [complement(85176..85565)], ndhB [complement(94662..95423)], ndhB [complement(96103..96879)], trnI [102431..102467], trnI [103277..103311], trnA [103376..103413], trnA [104214..104248], ndhA [complement(119448..119977)], ndhA [complement(121052..121604)], trnA [complement(133645..133679)], trnA [complement(134480..134517)], trnI [complement(134582..134616)], trnI [complement(135426..135462)], ndhB [141014..141790], ndhB [142470..143231], rpl2 [152328..152717], rpl2 [153400..153834]	[complement(11812..12527)], rpoC1 [complement(21768..22546)], ycf3 [complement(42561..43351)], ycf3 [complement(43580..44287)], trnL [46850..47161], trnV [complement(50847..51452)], clpP [complement(69781..70355)], clpP [complement(70648..71544)], petB [74596..75389], petD [76246..76961], rpl16 [complement(81257..82362)], rpl2 [complement(84494..85175)], ndhB [complement(95424..96102)], trnI [102468..103276], trnA [103414..104213], ndhA [complement(119978..121051)], trnA [complement(133680..134479)], trnI [complement(134617..135425)], ndhB [141791..142469], rpl2 [152718..153399]
3264.	SIKR	4	rps12 [152182..152207]	atpF [complement(18191..18929)], pafI [complement(48963..49697)], rpl16 [complement(80912..82013)]
3265.	SILI	66	rps12 [complement(97308..97333)], rps12 [complement(97871..98102)], rps12 [complement(68773..68886)], trnK [complement(1785..1819)], trnK [complement(4101..4137)], trnG [8089..8111], trnG [8840..8888], rpoC1 [complement(19731..21341)], rpoC1 [complement(22104..22535)], ycf3 [complement(41791..41940)], ycf3 [complement(42750..42977)], ycf3 [complement(43693..43818)], trnL [46311..46345], trnL [46658..46707], trnV [complement(50288..50322)], trnV [complement(50932..50970)], rps12 [139104..139335], rps12 [139873..139898], clpP [complement(69077..69304)], clpP [complement(69878..70169)], clpP [complement(71088..71158)], petB [74134..74139], petB [74899..75540], petD [75758..75765], petD	trnK [complement(1820..4100)], trnG [8112..8839], rpoC1 [complement(21342..22103)], ycf3 [complement(41941..42749)], ycf3 [complement(42978..43692)], trnL [46346..46657], trnV [complement(50323..50931)], clpP [complement(69305..69877)], clpP [complement(70170..71087)], petB [74140..74898], petD [75766..76473], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[76474..76948], rpl16 [complement(80433..80831)], rpl16 [complement(81923..81931)], rpl2 [complement(83628..84062)], rpl2 [complement(84745..85134)], ndhB [complement(94244..95005)], ndhB [complement(95683..96459)], trnI [102020..102056], trnI [102866..102900], trnA [102965..103002], trnA [103792..103826], ndhA [complement(119148..119677)], ndhA [complement(120781..121333)], trnA [complement(133380..133414)], trnA [complement(134204..134241)], trnI [complement(134306..134340)], trnI [complement(135150..135186)], ndhB [140747..141523], ndhB [142201..142962], rpl2 [152072..152461], rpl2 [153144..153578]	[complement(80832..81922)], rpl2 [complement(84063..84744)], ndhB [complement(95006..95682)], trnI [102057..102865], trnA [103003..103791], ndhA [complement(119678..120780)], trnA [complement(133415..134203)], trnI [complement(134341..135149)], ndhB [141524..142200], rpl2 [152462..153143]
3266.	SIMA	42	rps12 [complement(97890..98132)], rps12 [complement(69713..69823)], trnK-UUU [complement(2163..2198)], trnK-UUU [complement(4731..4767)], trnG-UCC [complement(30158..30206)], trnG-UCC [complement(30912..30934)], trnL-UAA [46971..47007], trnL-UAA [47444..47493], trnV-UAC [complement(51417..51453)], trnV-UAC [complement(52027..52064)], rps12 [139195..139437], trnI-GAU [102061..102103], trnI-GAU [103040..103074], trnA-UGC [103139..103176], trnA-UGC [103998..104032], trnA-UGC [complement(133295..133329)], trnA-UGC [complement(134151..134188)], trnI-GAU [complement(134253..134287)], trnI-GAU [complement(135224..135266)]	trnK-UUU [complement(2199..4730)], rps16 [complement(5767..6620)], rpoC1 [16574..17305], atpF [27017..27720], trnG-UCC [complement(30207..30911)], ycf3 [complement(42285..43026)], ycf3 [complement(43257..43954)], trnL-UAA [47008..47443], trnV-UAC [complement(51454..52026)], clpP [complement(70206..70831)], clpP [complement(71123..71924)], petB [74924..75688], petD [76527..77224], rpl16 [complement(81561..82568)], rpl2 [complement(84673..85337)], ndhB [complement(95078..95747)], trnI-GAU [102104..103039], trnA-UGC [103177..103997], ndhA [116588..117648], trnA-UGC [complement(133330..134150)], trnI-GAU [complement(134288..135223)], ndhB [141575..142244], rpl2 [151990..152654]
3267.	SIMI	73	rps12 [complement(101476..101501)], rps12 [complement(102038..102269)], rps12 [complement(73494..73607)], trnK-UUU [complement(1517..1551)],	trnK-UUU [complement(1552..4056)], rps16 [complement(5180..6035)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4057..4093)], rps16 [complement(4954..5179)], rps16 [complement(6036..6073)], trnG-GCC [9852..9874], trnG-GCC [10573..10619], atpF [complement(12632..13040)], atpF [complement(13751..13908)], rpoC1 [complement(21676..23302)], rpoC1 [complement(24030..24463)], ycf3 [complement(44583..44735)], ycf3 [complement(45489..45716)], ycf3 [complement(46433..46558)], trnL-UAA [49755..49791], trnL-UAA [50298..50347], trnV-UAC [complement(54357..54393)], trnV-UAC [complement(54995..55033)], rps12 [complement(73494..73607)], rps12 [144473..144704], rps12 [145241..145266], clpP [complement(73747..73974)], clpP [complement(74616..74906)], clpP [complement(75730..75798)], petB [78723..78728], petB [79470..80126], petD [80320..80328], petD [81051..81575], rpl16 [complement(85021..85422)], rpl16 [complement(86485..86493)], rpl2 [complement(88067..88501)], rpl2 [complement(89163..89555)], ndhB [complement(98418..99173)], ndhB [complement(99853..100629)], trnI-GAU [106213..106254], trnI-GAU [107196..107230], trnA-UGC [107295..107332], trnA-UGC [108140..108174], ndhA [complement(123939..124477)], ndhA [complement(125578..126130)], trnA-UGC [complement(138568..138602)], trnA-UGC [complement(139410..139447)], trnI-GAU [complement(139512..139546)], trnI-GAU [complement(140488..140529)], ndhB [146113..146889], ndhB [147569..148324], rpl2 [157187..157579], rpl2 [158241..158675]	[9875..10572], atpF [complement(13041..13750)], rpoC1 [complement(23303..24029)], ycf3 [complement(44736..45488)], ycf3 [complement(45717..46432)], trnL-UAA [49792..50297], trnV-UAC [complement(54394..54994)], clpP [complement(73975..74615)], clpP [complement(74907..75729)], petB [78729..79469], petD [80329..81050], rpl16 [complement(85423..86484)], rpl2 [complement(88502..89162)], ndhB [complement(99174..99852)], trnI-GAU [106255..107195], trnA-UGC [107333..108139], ndhA [complement(124478..125577)], trnA-UGC [complement(138603..139409)], trnI-GAU [complement(139547..140487)], ndhB [146890..147568], rpl2 [157580..158240]
3268.	SIPA	62	rps12 [complement(95259..95284)], rps12 [complement(95821..96052)], rps12 [complement(69110..69223)], trnH-GUG [complement(151630..151632)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1599..1632)], trnK-UUU [complement(4131..4167)], rps16 [complement(4790..5031)], rps16 [complement(5860..5899)], trnG-UCC [8418..8440], trnG-UCC [9133..9180], atpF [complement(11114..11523)], atpF [complement(12202..12346)], rpoC1 [complement(19976..21586)], rpoC1 [complement(22358..22789)], trnV-UAC [48466..48504], trnV-UAC [49097..49131], trnL-UAA [complement(52854..52903)], trnL-UAA [complement(53476..53510)], ycf3 [56356..56479], ycf3 [57230..57459], ycf3	trnH-GUG [complement(151633..0)], trnK-UUU [complement(1633..4130)], rps16 [complement(5032..5859)], trnG-UCC [8441..9132], atpF [complement(11524..12201)], rpoC1 [complement(21587..22357)], trnV-UAC [48505..49096], trnL-UAA [complement(52904..53475)], ycf3 [56480..57229], ycf3 [57460..58272], petB [73515..74249], petD [75100..75835], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[58273..58425], petB [73509..73514], petB [74250..74891], petD [75092..75099], petD [75836..76310], rpl16 [complement(79670..80083)], rpl16 [complement(81008..81016)], ndhB [complement(92222..92977)], ndhB [complement(93646..94422)], trnI-GAU [99649..99685], trnI-GAU [100627..100661], trnA-UGC [100732..100769], trnA-UGC [101579..101613], ndhA [complement(117940..118478)], ndhA [complement(119520..120072)], trnA-UGC [complement(132526..132560)], trnA-UGC [complement(133370..133407)], trnI-GAU [complement(133478..133512)], trnI-GAU [complement(134449..134490)], ndhB [139717..140493], ndhB [141162..141917]	[complement(80084..81007)], ndhB [complement(92978..93645)], trnI-GAU [99686..100626], trnA-UGC [100770..101578], ndhA [complement(118479..119519)], trnA-UGC [complement(132561..133369)], trnI-GAU [complement(133513..134448)], ndhB [140494..141161]
3269.	SIRE	73	rps12 [complement(101448..101473)], rps12 [complement(102010..102241)], rps12 [complement(73470..73583)], trnK-UUU [complement(1504..1538)], trnK-UUU [complement(4044..4080)], rps16 [complement(4942..5167)], rps16 [complement(6024..6061)], trnG-GCC [9835..9857], trnG-GCC [10562..10609], atpF [complement(12619..13027)], atpF [complement(13738..13895)], rpoC1 [complement(21659..23284)], rpoC1 [complement(24012..24446)], ycf3 [complement(44559..44711)], ycf3 [complement(45465..45692)], ycf3 [complement(46409..46534)], trnL-UAA [complement(49731..49767)], trnL-UAA [complement(50274..50323)], trnV-UAC [complement(54334..54370)], trnV-UAC [complement(54972..55010)], rps12 [complement(73470..73583)], rps12 [144494..144725], rps12 [145262..145287], clpP [complement(73723..73951)], clpP [complement(74593..74883)], clpP [complement(75707..75774)], petB [78699..78704], petB [79441..80097], petD [80291..80299], petD [81023..81547], rpl16 [complement(84993..85394)], rpl16 [complement(86458..86466)], rpl2 [complement(88039..88473)], rpl2 [complement(89135..89527)], ndhB [complement(98390..99145)], ndhB [complement(99825..100601)], trnI-GAU [106185..106226], trnI-GAU [107168..107202], trnA-UGC [107267..107304], trnA-UGC [108112..108146], ndhA [complement(123956..124494)], ndhA [complement(125595..126147)], trnA-UGC [complement(138589..138623)], trnA-UGC [complement(139431..139468)], trnI-GAU [complement(139533..139567)],	trnK-UUU [complement(1539..4043)], rps16 [complement(5168..6023)], trnG-GCC [9858..10561], atpF [complement(13028..13737)], rpoC1 [complement(23285..24011)], ycf3 [complement(44712..45464)], ycf3 [complement(45693..46408)], trnL-UAA [complement(49768..50273)], trnV-UAC [complement(54371..54971)], clpP [complement(73952..74592)], clpP [complement(74884..75706)], petB [78705..79440], petD [80300..81022], rpl16 [complement(85395..86457)], rpl2 [complement(88474..89134)], ndhB [complement(99146..99824)], trnI-GAU [106227..107167], trnA-UGC [107305..108111], ndhA [complement(124495..125594)], trnA-UGC [complement(138624..139430)], trnI-GAU [complement(139568..140508)], ndhB [146911..147589], rpl2 [157601..158261]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(140509..140550)], ndhB [146134..146910], ndhB [147590..148345], rpl2 [157208..157600], rpl2 [158262..158696]	
3270.	SISA	73	rps12 [complement(101476..101501)], rps12 [complement(102038..102269)], rps12 [complement(73492..73605)], trnK-UUU [complement(1517..1551)], trnK-UUU [complement(4057..4093)], rps16 [complement(4954..5179)], rps16 [complement(6036..6073)], trnG-GCC [9849..9871], trnG-GCC [10573..10620], atpF [complement(12633..13041)], atpF [complement(13752..13909)], rpoC1 [complement(21672..23297)], rpoC1 [complement(24025..24459)], ycf3 [complement(44584..44736)], ycf3 [complement(45490..45717)], ycf3 [complement(46434..46559)], trnL-UAA [complement(49756..49792)], trnL-UAA [complement(50299..50348)], trnV-UAC [complement(54360..54396)], trnV-UAC [complement(54998..55036)], rps12 [complement(73492..73605)], rps12 [144471..144702], rps12 [145239..145264], clpP [complement(73745..73973)], clpP [complement(74615..74905)], clpP [complement(75729..75796)], petB [78720..78725], petB [79467..80123], petD [80317..80325], petD [81049..81573], rpl16 [complement(85020..85421)], rpl16 [complement(86485..86493)], rpl2 [complement(88067..88501)], rpl2 [complement(89163..89555)], ndhB [complement(98418..99173)], ndhB [complement(99853..100629)], trnI-GAU [106213..106254], trnI-GAU [107196..107230], trnA-UGC [107295..107332], trnA-UGC [108140..108174], ndhA [complement(123939..124477)], ndhA [complement(125578..126130)], trnA-UGC [complement(138566..138600)], trnA-UGC [complement(139408..139445)], trnI-GAU [complement(139510..139544)], trnI-GAU [complement(140486..140527)], ndhB [146111..146887], ndhB [147567..148322], rpl2 [157185..157577], rpl2 [158239..158673]	trnK-UUU [complement(1552..4056)], rps16 [complement(5180..6035)], trnG-GCC [9872..10572], atpF [complement(13042..13751)], rpoC1 [complement(23298..24024)], ycf3 [complement(44737..45489)], ycf3 [complement(45718..46433)], trnL-UAA [complement(49793..50298)], trnV-UAC [complement(54397..54997)], clpP [complement(73974..74614)], clpP [complement(74906..75728)], petB [78726..79466], petD [80326..81048], rpl16 [complement(85422..86484)], rpl2 [complement(88502..89162)], ndhB [complement(99174..99852)], trnI-GAU [106255..107195], trnA-UGC [107333..108139], ndhA [complement(124478..125577)], trnA-UGC [complement(138601..139407)], trnI-GAU [complement(139545..140485)], ndhB [146888..147566], rpl2 [157578..158238]
3271.	SIWG	73	rps12 [complement(102528..102553)], rps12 [complement(103096..103327)], rps12 [complement(74298..74411)], trnK-UUU [complement(1892..1926)], trnK-UUU [complement(4465..4501)], rps16 [complement(5347..5578)], rps16 [complement(6450..6487)], trnG-GCC [10596..10618], trnG-GCC [11328..11375], atpF [complement(13429..13836)], atpF [complement(14558..14716)], rpoC1 [complement(22710..24336)], rpoC1	trnK-UUU [complement(1927..4464)], rps16 [complement(5579..6449)], trnG-GCC [10619..11327], atpF [complement(13837..14557)], rpoC1 [complement(24337..25081)], ycf3 [complement(46197..46948)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(25082..25515)], ycf3 [complement(46044..46196)], ycf3 [complement(46949..47176)], ycf3 [complement(47897..48022)], trnL-UAA [51420..51456], trnL-UAA [51969..52018], trnV-UAC [complement(55258..55294)], trnV-UAC [complement(55872..55910)], rps12 [complement(74298..74411)], rps12 [145255..145486], rps12 [146029..146054], clpP [complement(74550..74777)], clpP [complement(75443..75733)], clpP [complement(76566..76634)], petB [79547..79552], petB [80330..80977], petD [81163..81171], petD [81914..82438], rpl16 [complement(85939..86340)], rpl16 [complement(87440..87448)], rpl2 [complement(89109..89543)], rpl2 [complement(90206..90598)], ndhB [complement(99450..100205)], ndhB [complement(100885..101661)], trnI-GAU [107258..107299], trnI-GAU [108242..108276], trnA-UGC [108341..108378], trnA-UGC [109186..109220], ndhA [complement(124726..125264)], ndhA [complement(126388..126940)], trnA-UGC [complement(139362..139396)], trnA-UGC [complement(140204..140241)], trnI-GAU [complement(140306..140340)], trnI-GAU [complement(141283..141324)], ndhB [146921..147697], ndhB [148377..149132], rpl2 [157984..158376], rpl2 [159039..159473]	[complement(47177..47896)], trnL-UAA [51457..51968], trnV-UAC [complement(55295..55871)], clpP [complement(74778..75442)], clpP [complement(75734..76565)], petB [79553..80329], petD [81172..81913], rpl16 [complement(86341..87439)], rpl2 [complement(89544..90205)], ndhB [complement(100206..100884)], trnI-GAU [107300..108241], trnA-UGC [108379..109185], ndhA [complement(125265..126387)], trnA-UGC [complement(139397..140203)], trnI-GAU [complement(140341..141282)], ndhB [147698..148376], rpl2 [158377..159038]
3272.	SIWI	66	rps12 [complement(94327..94352)], rps12 [complement(94889..95120)], rps12 [complement(68661..68774)], trnK-UUU [complement(1601..1634)], trnK-UUU [complement(4114..4150)], rps16 [complement(4748..4974)], rps16 [complement(5800..5839)], trnG-UCC [8245..8267], trnG-UCC [8960..9007], atpF [complement(10939..11348)], atpF [complement(12048..12192)], rpoC1 [complement(19793..21403)], rpoC1 [complement(22162..22593)], ycf3 [complement(41235..41387)], ycf3 [complement(42177..42406)], ycf3 [complement(43165..43288)], trnL-UAA [46632..46666], trnL-UAA [47294..47343], trnV-UAC [56037..56075], trnV-UAC [56659..56693], rps12 [140827..141058], rps12 [141595..141620], clpP [complement(68901..69125)], clpP [complement(69732..70023)], clpP [complement(70838..70908)], petB [73834..73839], petB [74570..75211], petD [75410..75417], petD [76160..76634], rpl16 [complement(80025..80423)], rpl16 [complement(81330..81338)], ndhB [complement(91283..92038)], ndhB	trnK-UUU [complement(1635..4113)], rps16 [complement(4975..5799)], trnG-UCC [8268..8959], atpF [complement(11349..12047)], rpoC1 [complement(21404..22161)], ycf3 [complement(41388..42176)], ycf3 [complement(42407..43164)], trnL-UAA [46667..47293], trnV-UAC [56076..56658], clpP [complement(69126..69731)], clpP [complement(70024..70837)], petB [73840..74569], petD [75418..76159], rpl16 [complement(80424..81329)], ndhB [complement(92039..92706)], trnI-GAU [98797..99710], trnA-UGC [99854..100662],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(92707..93483)], trnI-GAU [98755..98796], trnI-GAU [99711..99745], trnA-UGC [99816..99853], trnA-UGC [100663..100697], ndhA [complement(120684..121222)], ndhA [complement(122246..122798)], trnA-UGC [complement(135250..135284)], trnA-UGC [complement(136094..136131)], trnI-GAU [complement(136202..136236)], trnI-GAU [complement(137151..137192)], ndhB [142464..143240], ndhB [143909..144664]	ndhA [complement(121223..122245)], trnA-UGC [complement(135285..136093)], trnI-GAU [complement(136237..137150)], ndhB [143241..143908]
3273.	SIXY	73	rps12 [complement(101468..101493)], rps12 [complement(102030..102261)], rps12 [complement(73484..73597)], trnK-UUU [complement(1517..1551)], trnK-UUU [complement(4057..4093)], rps16 [complement(4955..5180)], rps16 [complement(6037..6074)], trnG-GCC [9848..9870], trnG-GCC [10575..10622], atpF [complement(12633..13041)], atpF [complement(13752..13909)], rpoC1 [complement(21673..23298)], rpoC1 [complement(24026..24460)], ycf3 [complement(44573..44725)], ycf3 [complement(45479..45706)], ycf3 [complement(46423..46548)], trnL-UAA [complement(49745..49781)], trnL-UAA [complement(50288..50337)], trnV-UAC [complement(54348..54384)], trnV-UAC [complement(54986..55024)], rps12 [complement(73484..73597)], rps12 [144459..144690], rps12 [145227..145252], clpP [complement(73737..73965)], clpP [complement(74607..74897)], clpP [complement(75721..75788)], petB [78713..78718], petB [79460..80116], petD [80310..80318], petD [81042..81566], rpl16 [complement(85012..85413)], rpl16 [complement(86477..86485)], rpl2 [complement(88059..88493)], rpl2 [complement(89155..89547)], ndhB [complement(98410..99165)], ndhB [complement(99845..100621)], trnI-GAU [106205..106246], trnI-GAU [107188..107222], trnA-UGC [107287..107324], trnA-UGC [108132..108166], ndhA [complement(123927..124465)], ndhA [complement(125566..126118)], trnA-UGC [complement(138554..138588)], trnA-UGC [complement(139396..139433)], trnI-GAU [complement(139498..139532)], trnI-GAU [complement(140474..140515)], ndhB [146099..146875], ndhB [147555..148310], rpl2 [157173..157565], rpl2 [158227..158661]	trnK-UUU [complement(1552..4056)], rps16 [complement(5181..6036)], trnG-GCC [9871..10574], atpF [complement(13042..13751)], rpoC1 [complement(23299..24025)], ycf3 [complement(44726..45478)], ycf3 [complement(45707..46422)], trnL-UAA [complement(49782..50287)], trnV-UAC [complement(54385..54985)], clpP [complement(73966..74606)], clpP [complement(74898..75720)], petB [78719..79459], petD [80319..81041], rpl16 [complement(85414..86476)], rpl2 [complement(88494..89154)], ndhB [complement(99166..99844)], trnI-GAU [106247..107187], trnA-UGC [107325..108131], ndhA [complement(124466..125565)], trnA-UGC [complement(138589..139395)], trnI-GAU [complement(139533..140473)], ndhB [146876..147554], rpl2 [157566..158226]
3274.	SLCE	73	rps12 [complement(101535..101560)], rps12 [complement(102097..102328)],	trnK-UUU [complement(1820..4332)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(73453..73566)], trnK-UUU [complement(1785..1819)], trnK-UUU [complement(4333..4369)], rps16 [complement(5236..5449)], rps16 [complement(6304..6341)], trnG-GCC [10025..10047], trnG-GCC [10741..10788], atpF [complement(12766..13174)], atpF [complement(13897..14054)], rpoC1 [complement(22055..23671)], rpoC1 [complement(24391..24825)], ycf3 [complement(45062..45214)], ycf3 [complement(45951..46178)], ycf3 [complement(46896..47021)], trnL-UAA [complement(50278..50314)], trnL-UAA [complement(50815..50864)], trnV-UAC [complement(54715..54751)], trnV-UAC [complement(55337..55375)], rps12 [complement(73453..73566)], rps12 [147036..147267], rps12 [147804..147829], clpP [complement(73705..73933)], clpP [complement(74599..74889)], clpP [complement(75702..75769)], petB [78693..78698], petB [79450..80106], petD [80295..80303], petD [81027..81551], rpl16 [complement(85039..85440)], rpl16 [complement(86453..86461)], rpl2 [complement(88105..88539)], rpl2 [complement(89202..89594)], ndhB [complement(98456..99211)], ndhB [complement(99891..100667)], trnI-GAU [106263..106304], trnI-GAU [107247..107281], trnA-UGC [107346..107383], trnA-UGC [108191..108225], ndhA [complement(126633..127171)], ndhA [complement(128260..128812)], trnA-UGC [complement(141139..141173)], trnA-UGC [complement(141981..142018)], trnI-GAU [complement(142083..142117)], trnI-GAU [complement(143060..143101)], ndhB [148697..149473], ndhB [150153..150908], rpl2 [159770..160162], rpl2 [160825..161259]</p>	<p>[complement(5450..6303)], trnG-GCC [10048..10740], atpF [complement(13175..13896)], rpoC1 [complement(23672..24390)], ycf3 [complement(45215..45950)], ycf3 [complement(46179..46895)], trnL-UAA [complement(50315..50814)], trnV-UAC [complement(54752..55336)], clpP [complement(73934..74598)], clpP [complement(74890..75701)], petB [78699..79449], petD [80304..81026], rpl16 [complement(85441..86452)], rpl2 [complement(88540..89201)], ndhB [complement(99212..99890)], trnI-GAU [106305..107246], trnA-UGC [107384..108190], ndhA [complement(127172..128259)], trnA-UGC [complement(141174..141980)], trnI-GAU [complement(142118..143059)], ndhB [149474..150152], rpl2 [160163..160824]</p>
3275.	SOAA	67	<p>rps12 [complement(99284..99309)], rps12 [complement(99846..100077)], rps12 [complement(71679..71792)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4376..4412)], rps16 [complement(5075..5301)], rps16 [complement(6157..6196)], trnG-UCC [9142..9164], trnG-UCC [9866..9902], atpF [complement(11899..12311)], atpF [complement(13002..13146)], rpoC1 [complement(21203..22816)], rpoC1 [complement(23554..23985)], ycf3 [complement(43461..43613)], ycf3 [complement(44364..44594)], ycf3 [complement(45319..45444)], trnL-UAA [48440..48474], trnL-UAA [48972..49021], trnV-UAC [complement(52919..52953)], trnV-UAC</p>	<p>trnK-UUU [complement(1864..4375)], rps16 [complement(5302..6156)], trnG-UCC [9165..9865], atpF [complement(12312..13001)], rpoC1 [complement(22817..23553)], ycf3 [complement(43614..44363)], ycf3 [complement(44595..45318)], trnL-UAA [48475..48971], trnV-UAC [complement(52954..53524)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(53525..53562)], rps12 [141346..141577], rps12 [142114..142139], petB [76882..76887], petB [77635..78276], petD [78471..78478], petD [79218..79692], rpl16 [complement(82996..83391)], rpl16 [complement(84406..84414)], rpl2 [complement(86067..86500)], rpl2 [complement(87167..87557)], ndhB [complement(96266..97021)], ndhB [complement(97701..98477)], trnI-GAU [103789..103825], trnI-GAU [104548..104582], trnA-UGC [104647..104684], trnA-UGC [105496..105530], ndhA [complement(121149..121687)], ndhA [complement(122846..123398)], trnA-UGC [complement(135893..135927)], trnA-UGC [complement(136739..136776)], trnI-GAU [complement(136841..136875)], trnI-GAU [complement(137598..137634)], ndhB [142946..143722], ndhB [144402..145157], rpl2 [153866..154256], rpl2 [154923..155356]	[76888..77634], petD [78479..79217], rpl16 [complement(83392..84405)], rpl2 [complement(86501..87166)], ndhB [complement(97022..97700)], trnI-GAU [103826..104547], trnA-UGC [104685..105495], ndhA [complement(121688..122845)], trnA-UGC [complement(135928..136738)], trnI-GAU [complement(136876..137597)], ndhB [143723..144401], rpl2 [154257..154922]
3276.	SOAB	37	rps12 [complement(100403..100681)], rps12 [complement(72889..73017)], atpF [complement(11888..12297)], atpF [complement(13069..13213)], rpoC2 [complement(16735..19274)], rpoC2 [complement(19329..20931)], rpoC1 [complement(21092..22699)], rpoC1 [complement(23438..23890)], ycf3 [complement(43886..44038)], ycf3 [complement(44802..45031)], ycf3 [complement(45779..45905)], rps12 [139607..139885], clpP [complement(73182..73407)], clpP [complement(73999..74292)], clpP [complement(75118..75188)], ycf2 [88817..93941], ycf2 [93972..95725], ndhB [complement(96782..97537)], ndhB [complement(98205..98996)], ndhA [complement(120476..121014)], ndhA [complement(122064..122619)], ndhB [141292..142083], ndhB [142751..143506], ycf2 [complement(144563..146316)], ycf2 [complement(146344..151471)]	atpF [complement(12298..13068)], rpoC2 [complement(19275..19328)], rpoC1 [complement(22700..23437)], ycf3 [complement(44039..44801)], ycf3 [complement(45032..45778)], clpP [complement(73408..73998)], clpP [complement(74293..75117)], ycf2 [93942..93971], ndhB [complement(97538..98204)], ndhA [complement(121015..122063)], ndhB [142084..142750], ycf2 [complement(146317..146343)]
3277.	SOAC	67	rps12 [complement(99291..99316)], rps12 [complement(99853..100084)], rps12 [complement(71677..71790)], trnK-UUU [complement(1825..1859)], trnK-UUU [complement(4381..4417)], rps16 [complement(5081..5307)], rps16 [complement(6164..6203)], trnG-UCC [9193..9215], trnG-UCC [9917..9953], atpF [complement(11940..12352)], atpF [complement(13042..13186)], rpoC1 [complement(21241..22854)], rpoC1 [complement(23592..24023)], ycf3 [complement(43490..43642)], ycf3 [complement(44393..44623)], ycf3 [complement(45348..45473)], trnL-UAA [48470..48504], trnL-UAA	trnK-UUU [complement(1860..4380)], rps16 [complement(5308..6163)], trnG-UCC [9216..9916], atpF [complement(12353..13041)], rpoC1 [complement(22855..23591)], ycf3 [complement(43643..44392)], ycf3 [complement(44624..45347)], trnL-UAA [48505..49001], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49002..49051], trnV-UAC [complement(52920..52954)], trnV-UAC [complement(53527..53564)], rps12 [141331..141562], rps12 [142099..142124], petB [76882..76887], petB [77635..78276], petD [78471..78478], petD [79218..79692], rpl16 [complement(83003..83398)], rpl16 [complement(84413..84421)], rpl2 [complement(86074..86507)], rpl2 [complement(87174..87564)], ndhB [complement(96273..97028)], ndhB [complement(97708..98484)], trnI-GAU [103796..103832], trnI-GAU [104555..104589], trnA-UGC [104654..104691], trnA-UGC [105503..105537], ndhA [complement(121146..121684)], ndhA [complement(122843..123395)], trnA-UGC [complement(135878..135912)], trnA-UGC [complement(136724..136761)], trnI-GAU [complement(136826..136860)], trnI-GAU [complement(137583..137619)], ndhB [142931..143707], ndhB [144387..145142], rpl2 [153851..154241], rpl2 [154908..155341]	[complement(52955..53526)], petB [76888..77634], petD [78479..79217], rpl16 [complement(83399..84412)], rpl2 [complement(86508..87173)], ndhB [complement(97029..97707)], trnI-GAU [103833..104554], trnA-UGC [104692..105502], ndhA [complement(121685..122842)], trnA-UGC [complement(135913..136723)], trnI-GAU [complement(136861..137582)], ndhB [143708..144386], rpl2 [154242..154907]
3278.	SOAD	67	rps12 [complement(99337..99362)], rps12 [complement(99899..100130)], rps12 [complement(71715..71828)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4378..4414)], rps16 [complement(5098..5324)], rps16 [complement(6136..6175)], trnG-UCC [9193..9215], trnG-UCC [9919..9955], atpF [complement(11940..12352)], atpF [complement(13064..13208)], rpoC1 [complement(21253..22866)], rpoC1 [complement(23604..24035)], ycf3 [complement(43513..43665)], ycf3 [complement(44416..44646)], ycf3 [complement(45371..45496)], trnL-UAA [48512..48546], trnL-UAA [49044..49093], trnV-UAC [complement(52974..53008)], trnV-UAC [complement(53581..53618)], rps12 [141390..141621], rps12 [142158..142183], petB [76936..76941], petB [77689..78330], petD [78525..78532], petD [79272..79746], rpl16 [complement(83050..83445)], rpl16 [complement(84460..84468)], rpl2 [complement(86120..86553)], rpl2 [complement(87220..87610)], ndhB [complement(96319..97074)], ndhB [complement(97754..98530)], trnI-GAU [103842..103878], trnI-GAU [104601..104635], trnA-UGC [104700..104737], trnA-UGC [105549..105583], ndhA [complement(121198..121736)], ndhA [complement(122896..123448)], trnA-UGC [complement(135937..135971)], trnA-UGC [complement(136783..136820)], trnI-GAU [complement(136885..136919)],	trnK-UUU [complement(1861..4377)], rps16 [complement(5325..6135)], trnG-UCC [9216..9918], atpF [complement(12353..13063)], rpoC1 [complement(22867..23603)], ycf3 [complement(43666..44415)], ycf3 [complement(44647..45370)], trnL-UAA [48547..49043], trnV-UAC [complement(53009..53580)], petB [76942..77688], petD [78533..79271], rpl16 [complement(83446..84459)], rpl2 [complement(86554..87219)], ndhB [complement(97075..97753)], trnI-GAU [103879..104600], trnA-UGC [104738..105548], ndhA [complement(121737..122895)], trnA-UGC [complement(135972..136782)], trnI-GAU [complement(136920..137641)], ndhB [143767..144445], rpl2 [154301..154966]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137642..137678)], ndhB [142990..143766], ndhB [144446..145201], rpl2 [153910..154300], rpl2 [154967..155400]	
3279.	SOAE	2	rps12 [complement(71896..72009)], rps12 [142246..142271]	-
3280.	SOAF	72	rps12 [complement(99374..99399)], rps12 [complement(99936..100167)], rps12 [complement(71771..71884)], trnK-UUU [complement(1828..1862)], trnK-UUU [complement(4375..4411)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9191..9213], trnG-UCC [9905..9952], atpF [complement(11947..12356)], atpF [complement(13050..13194)], rpoC1 [complement(21248..22861)], rpoC1 [complement(23599..24051)], ycf3 [complement(43533..43685)], ycf3 [complement(44436..44665)], ycf3 [complement(45393..45516)], trnL-UAA [48513..48549], trnL-UAA [49045..49094], trnV-UAC [complement(53012..53048)], trnV-UAC [complement(53620..53657)], rps12 [141424..141655], rps12 [142192..142217], clpP [complement(72017..72250)], clpP [complement(72876..73167)], clpP [complement(73957..74027)], petB [76972..76977], petB [77725..78366], petD [78561..78568], petD [79308..79782], rpl16 [complement(83086..83481)], rpl16 [complement(84496..84504)], rpl2 [complement(86157..86590)], rpl2 [complement(87257..87647)], ndhB [complement(96356..97111)], ndhB [complement(97791..98567)], trnI-GAU [103879..103920], trnI-GAU [104638..104672], trnA-UGC [104737..104774], trnA-UGC [105586..105620], ndhA [complement(121227..121765)], ndhA [complement(122924..123476)], trnA-UGC [complement(135971..136005)], trnA-UGC [complement(136817..136854)], trnI-GAU [complement(136919..136953)], trnI-GAU [complement(137671..137712)], ndhB [143024..143800], ndhB [144480..145235], rpl2 [153944..154334], rpl2 [155001..155434]	trnK-UUU [complement(1863..4374)], rps16 [complement(5301..6155)], trnG-UCC [9214..9904], atpF [complement(12357..13049)], rpoC1 [complement(22862..23598)], ycf3 [complement(43686..44435)], ycf3 [complement(44666..45392)], trnL-UAA [48550..49044], trnV-UAC [complement(53049..53619)], clpP [complement(72251..72875)], clpP [complement(73168..73956)], petB [76978..77724], petD [78569..79307], rpl16 [complement(83482..84495)], rpl2 [complement(86591..87256)], ndhB [complement(97112..97790)], trnI-GAU [103921..104637], trnA-UGC [104775..105585], ndhA [complement(121766..122923)], trnA-UGC [complement(136006..136816)], trnI-GAU [complement(136954..137670)], ndhB [143801..144479], rpl2 [154335..155000]
3281.	SOAG	2	rps12 [complement(71836..71949)], rps12 [142224..142249]	-
3282.	SOAH	67	rps12 [complement(99311..99336)], rps12 [complement(99873..100104)], rps12 [complement(71710..71823)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4371..4407)], rps16 [complement(5069..5295)], rps16 [complement(6151..6190)], trnG-UCC [9182..9204], trnG-UCC [9906..9942], atpF [complement(11939..12351)], atpF [complement(13042..13186)], rpoC1	trnK-UUU [complement(1859..4370)], rps16 [complement(5296..6150)], trnG-UCC [9205..9905], atpF [complement(12352..13041)], rpoC1 [complement(22855..23591)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21241..22854)], rpoC1 [complement(23592..24023)], ycf3 [complement(43496..43648)], ycf3 [complement(44399..44629)], ycf3 [complement(45353..45478)], trnL-UAA [48477..48511], trnL-UAA [49009..49058], trnV-UAC [complement(52956..52990)], trnV-UAC [complement(53563..53600)], rps12 [141363..141594], rps12 [142131..142156], petB [76911..76916], petB [77664..78305], petD [78500..78507], petD [79247..79721], rpl16 [complement(83022..83417)], rpl16 [complement(84432..84440)], rpl2 [complement(86094..86527)], rpl2 [complement(87194..87584)], ndhB [complement(96293..97048)], ndhB [complement(97728..98504)], trnI-GAU [103816..103852], trnI-GAU [104575..104609], trnA-UGC [104674..104711], trnA-UGC [105523..105557], ndhA [complement(121165..121703)], ndhA [complement(122863..123415)], trnA-UGC [complement(135910..135944)], trnA-UGC [complement(136756..136793)], trnI-GAU [complement(136858..136892)], trnI-GAU [complement(137615..137651)], ndhB [142963..143739], ndhB [144419..145174], rpl2 [153883..154273], rpl2 [154940..155373]	[complement(43649..44398)], ycf3 [complement(44630..45352)], trnL-UAA [48512..49008], trnV-UAC [complement(52991..53562)], petB [76917..77663], petD [78508..79246], rpl16 [complement(83418..84431)], rpl2 [complement(86528..87193)], ndhB [complement(97049..97727)], trnI-GAU [103853..104574], trnA-UGC [104712..105522], ndhA [complement(121704..122862)], trnA-UGC [complement(135945..136755)], trnI-GAU [complement(136893..137614)], ndhB [143740..144418], rpl2 [154274..154939]
3283.	SOAI	66	rps12 [complement(97326..97349)], rps12 [complement(97888..98118)], rps12 [complement(69902..70015)], trnK [complement(1791..1826)], trnK [complement(4374..4410)], rps16 [complement(5275..5501)], rps16 [complement(6356..6395)], rpoC1 [16294..16722], rpoC1 [17466..19106], atpF [27029..27172], atpF [27882..28292], ycf3 [complement(42331..42483)], ycf3 [complement(43225..43454)], ycf3 [complement(44140..44263)], trnL [47212..47246], trnL [47696..47745], trnV [complement(51673..51707)], trnV [complement(52284..52321)], rps12 [138287..138518], rps12 [139054..139079], clpP [complement(70173..70400)], clpP [complement(71014..71305)], clpP [complement(72118..72188)], petB [75101..75106], petB [75875..76516], rpl16 [complement(81342..81740)], rpl16 [complement(82803..82811)], rpl2 [complement(84482..84916)], rpl2 [complement(85582..85971)], ndhB [complement(94314..95069)], ndhB [complement(95739..96515)], trnE [102073..102105], trnE [102885..102924], trnA [102989..103025], trnA [103846..103881], ndhA [complement(118597..119135)], ndhA [complement(120195..120747)], trnA	trnK [complement(1827..4373)], rps16 [complement(5502..6355)], rpoC1 [16723..17465], atpF [27173..27881], ycf3 [complement(42484..43224)], ycf3 [complement(43455..44139)], trnL [47247..47695], trnV [complement(51708..52283)], clpP [complement(70401..71013)], clpP [complement(71306..72117)], petB [75107..75874], rpl16 [complement(81741..82802)], rpl2 [complement(84917..85581)], ndhB [complement(95070..95738)], trnE [102106..102884], trnA [103026..103845], ndhA [complement(119136..120194)], trnA [complement(132560..133379)], trnE

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(132524..132559)], trnA [complement(133380..133416)], trnE [complement(133481..133520)], trnE [complement(134300..134332)], ndhB [139890..140666], ndhB [141336..142091], rpl2 [150434..150824], rpl2 [151490..151923]	[complement(133521..134299)], ndhB [140667..141335], rpl2 [150825..151489]
3284.	SOAL	6	rps12 [complement(98508..98750)], rps12 [complement(69109..69222)], rps12 [139580..139822]	clpP [complement(69623..70266)], clpP [complement(70564..71397)], rpl16 [complement(81519..82597)]
3285.	SOA M	67	rps12 [complement(99299..99324)], rps12 [complement(99861..100092)], rps12 [complement(71705..71818)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4374..4410)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9190..9212], trnG-UCC [9913..9949], atpF [complement(11917..12329)], atpF [complement(13020..13164)], rpoC1 [complement(21218..22831)], rpoC1 [complement(23569..24000)], ycf3 [complement(43475..43627)], ycf3 [complement(44378..44608)], ycf3 [complement(45333..45458)], trnL-UAA [48455..48489], trnL-UAA [48987..49036], trnV-UAC [complement(52949..52983)], trnV-UAC [complement(53556..53593)], rps12 [141343..141574], rps12 [142111..142136], petB [76907..76912], petB [77660..78301], petD [78496..78503], petD [79243..79717], rpl16 [complement(83021..83416)], rpl16 [complement(84421..84429)], rpl2 [complement(86082..86515)], rpl2 [complement(87182..87572)], ndhB [complement(96281..97036)], ndhB [complement(97716..98492)], trnI-GAU [103804..103840], trnI-GAU [104563..104597], trnA-UGC [104662..104699], trnA-UGC [105511..105545], ndhA [complement(121145..121683)], ndhA [complement(122843..123395)], trnA-UGC [complement(135890..135924)], trnA-UGC [complement(136736..136773)], trnI-GAU [complement(136838..136872)], trnI-GAU [complement(137595..137631)], ndhB [142943..143719], ndhB [144399..145154], rpl2 [153863..154253], rpl2 [154920..155353]	trnK-UUU [complement(1862..4373)], rps16 [complement(5301..6155)], trnG-UCC [9213..9912], atpF [complement(12330..13019)], rpoC1 [complement(22832..23568)], ycf3 [complement(43628..44377)], ycf3 [complement(44609..45332)], trnL-UAA [48490..48986], trnV-UAC [complement(52984..53555)], petB [76913..77659], petD [78504..79242], rpl16 [complement(83417..84420)], rpl2 [complement(86516..87181)], ndhB [complement(97037..97715)], trnI-GAU [103841..104562], trnA-UGC [104700..105510], ndhA [complement(121684..122842)], trnA-UGC [complement(135925..136735)], trnI-GAU [complement(136873..137594)], ndhB [143720..144398], rpl2 [154254..154919]
3286.	SOAN	2	rps12 [complement(71868..71981)], rps12 [142215..142240]	-
3287.	SOAO	67	rps12 [complement(99314..99339)], rps12 [complement(99876..100107)], rps12 [complement(71679..71792)], trnK-UUU [complement(1825..1859)], trnK-UUU [complement(4372..4408)], rps16 [complement(5062..5288)], rps16	trnK-UUU [complement(1860..4371)], rps16 [complement(5289..6143)], trnG-UCC [9195..9896], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6144..6183)], trnG-UCC [9172..9194], trnG-UCC [9897..9933], atpF [complement(11921..12333)], atpF [complement(13024..13168)], rpoC1 [complement(21213..22826)], rpoC1 [complement(23563..23994)], ycf3 [complement(43472..43624)], ycf3 [complement(44404..44634)], ycf3 [complement(45359..45484)], trnL-UAA [48482..48516], trnL-UAA [49014..49063], trnV-UAC [complement(52928..52962)], trnV-UAC [complement(53535..53572)], rps12 [141435..141666], rps12 [142203..142228], petB [76865..76870], petB [77624..78265], petD [78460..78467], petD [79207..79681], rpl16 [complement(83003..83398)], rpl16 [complement(84413..84421)], rpl2 [complement(86074..86507)], rpl2 [complement(87174..87564)], ndhB [complement(96296..97051)], ndhB [complement(97731..98507)], trnI-GAU [103819..103855], trnI-GAU [104578..104612], trnA-UGC [104677..104714], trnA-UGC [105526..105560], ndhA [complement(121238..121776)], ndhA [complement(122935..123487)], trnA-UGC [complement(135982..136016)], trnA-UGC [complement(136828..136865)], trnI-GAU [complement(136930..136964)], trnI-GAU [complement(137687..137723)], ndhB [143035..143811], ndhB [144491..145246], rpl2 [153978..154368], rpl2 [155035..155468]	[complement(12334..13023)], rpoC1 [complement(22827..23562)], ycf3 [complement(43625..44403)], ycf3 [complement(44635..45358)], trnL-UAA [48517..49013], trnV-UAC [complement(52963..53534)], petB [76871..77623], petD [78468..79206], rpl16 [complement(83399..84412)], rpl2 [complement(86508..87173)], ndhB [complement(97052..97730)], trnI-GAU [103856..104577], trnA-UGC [104715..105525], ndhA [complement(121777..122934)], trnA-UGC [complement(136017..136827)], trnI-GAU [complement(136965..137686)], ndhB [143812..144490], rpl2 [154369..155034]
3288.	SOAR	67	rps12 [complement(99044..99069)], rps12 [complement(99606..99837)], rps12 [complement(71436..71549)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4370..4406)], rps16 [complement(5069..5295)], rps16 [complement(6151..6190)], trnG-UCC [9156..9178], trnG-UCC [9880..9916], atpF [complement(11903..12315)], atpF [complement(13004..13148)], rpoC1 [complement(21197..22810)], rpoC1 [complement(23548..23979)], ycf3 [complement(43434..43586)], ycf3 [complement(44337..44567)], ycf3 [complement(45292..45417)], trnL-UAA [48415..48449], trnL-UAA [48947..48996], trnV-UAC [complement(52886..52920)], trnV-UAC [complement(53493..53530)], rps12 [141124..141355], rps12 [141892..141917], petB [76637..76642], petB [77390..78031], petD [78226..78233], petD [78973..79447], rpl16 [complement(82749..83144)], rpl16 [complement(84166..84174)], rpl2 [complement(85827..86260)], rpl2 [complement(86927..87317)], ndhB [complement(96026..96781)], ndhB	trnK-UUU [complement(1858..4369)], rps16 [complement(5296..6150)], trnG-UCC [9179..9879], atpF [complement(12316..13003)], rpoC1 [complement(22811..23547)], ycf3 [complement(43587..44336)], ycf3 [complement(44568..45291)], trnL-UAA [48450..48946], trnV-UAC [complement(52921..53492)], petB [76643..77389], petD [78234..78972], rpl16 [complement(83145..84165)], rpl2 [complement(86261..86926)], ndhB [complement(96782..97460)], trnI-GAU [103608..104329], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97461..98237)], trnI-GAU [103571..103607], trnI-GAU [104330..104364], trnA-UGC [104429..104466], trnA-UGC [105278..105312], ndhA [complement(120915..121453)], ndhA [complement(122613..123165)], trnA-UGC [complement(135649..135683)], trnA-UGC [complement(136495..136532)], trnI-GAU [complement(136597..136631)], trnI-GAU [complement(137354..137390)], ndhB [142724..143500], ndhB [144180..144935], rpl2 [153644..154034], rpl2 [154701..155134]	[104467..105277], ndhA [complement(121454..122612)], trnA-UGC [complement(135684..136494)], trnI-GAU [complement(136632..137353)], ndhB [143501..144179], rpl2 [154035..154700]
3289.	SOAU	2	rps12 [complement(71536..71649)], rps12 [141940..141965]	-
3290.	SOAV	67	rps12 [complement(99348..99373)], rps12 [complement(99910..100141)], rps12 [complement(71751..71864)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4373..4409)], rps16 [complement(5073..5299)], rps16 [complement(6155..6194)], trnG-UCC [9204..9226], trnG-UCC [9928..9964], atpF [complement(11951..12363)], atpF [complement(13053..13197)], rpoC1 [complement(21247..22860)], rpoC1 [complement(23598..24029)], ycf3 [complement(43504..43656)], ycf3 [complement(44407..44637)], ycf3 [complement(45363..45488)], trnL-UAA [48485..48519], trnL-UAA [49017..49066], trnV-UAC [complement(52963..52997)], trnV-UAC [complement(53569..53606)], rps12 [141409..141640], rps12 [142177..142202], petB [76947..76952], petB [77700..78341], petD [78536..78543], petD [79283..79757], rpl16 [complement(83061..83456)], rpl16 [complement(84471..84479)], rpl2 [complement(86131..86564)], rpl2 [complement(87231..87621)], ndhB [complement(96330..97085)], ndhB [complement(97765..98541)], trnI-GAU [103853..103889], trnI-GAU [104612..104646], trnA-UGC [104711..104748], trnA-UGC [105560..105594], ndhA [complement(121211..121749)], ndhA [complement(122908..123460)], trnA-UGC [complement(135956..135990)], trnA-UGC [complement(136802..136839)], trnI-GAU [complement(136904..136938)], trnI-GAU [complement(137661..137697)], ndhB [143009..143785], ndhB [144465..145220], rpl2 [153929..154319], rpl2 [154986..155419]	trnK-UUU [complement(1861..4372)], rps16 [complement(5300..6154)], trnG-UCC [9227..9927], atpF [complement(12364..13052)], rpoC1 [complement(22861..23597)], ycf3 [complement(43657..44406)], ycf3 [complement(44638..45362)], trnL-UAA [48520..49016], trnV-UAC [complement(52998..53568)], petB [76953..77699], petD [78544..79282], rpl16 [complement(83457..84470)], rpl2 [complement(86565..87230)], ndhB [complement(97086..97764)], trnI-GAU [103890..104611], trnA-UGC [104749..105559], ndhA [complement(121750..122907)], trnA-UGC [complement(135991..136801)], trnI-GAU [complement(136939..137660)], ndhB [143786..144464], rpl2 [154320..154985]
3291.	SOBE	72	rps12 [complement(99329..99354)], rps12 [complement(99891..100122)], rps12 [complement(71733..71846)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4375..4411)], rps16 [complement(5072..5298)], rps16	trnK-UUU [complement(1862..4374)], rps16 [complement(5299..6153)], trnG-UCC [9209..9910], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6154..6193)], trnG-UCC [9186..9208], trnG-UCC [9911..9947], atpF [complement(11934..12346)], atpF [complement(13037..13181)], rpoC1 [complement(21231..22844)], rpoC1 [complement(23582..24013)], ycf3 [complement(43486..43638)], ycf3 [complement(44389..44619)], ycf3 [complement(45344..45469)], trnL-UAA [48466..48500], trnL-UAA [48998..49047], trnV-UAC [complement(52944..52978)], trnV-UAC [complement(53550..53587)], rps12 [141387..141618], rps12 [142155..142180], ycf3 [complement(71979..72212)], ycf3 [complement(72833..73124)], ycf3 [complement(73914..73984)], petB [76929..76934], petB [77682..78323], petD [78518..78525], petD [79265..79739], rpl16 [complement(83042..83437)], rpl16 [complement(84452..84460)], rpl2 [complement(86112..86545)], rpl2 [complement(87212..87602)], ndhB [complement(96311..97066)], ndhB [complement(97746..98522)], trnI-GAU [103834..103870], trnI-GAU [104593..104627], trnA-UGC [104692..104729], trnA-UGC [105541..105575], ndhA [complement(121190..121728)], ndhA [complement(122887..123439)], trnA-UGC [complement(135934..135968)], trnA-UGC [complement(136780..136817)], trnI-GAU [complement(136882..136916)], trnI-GAU [complement(137639..137675)], ndhB [142987..143763], ndhB [144443..145198], rpl2 [153907..154297], rpl2 [154964..155397]	[complement(12347..13036)], rpoC1 [complement(22845..23581)], ycf3 [complement(43639..44388)], ycf3 [complement(44620..45343)], trnL-UAA [48501..48997], trnV-UAC [complement(52979..53549)], ycf3 [complement(72213..72832)], ycf3 [complement(73125..73913)], petB [76935..77681], petD [78526..79264], rpl16 [complement(83438..84451)], rpl2 [complement(86546..87211)], ndhB [complement(97067..97745)], trnI-GAU [103871..104592], trnA-UGC [104730..105540], ndhA [complement(121729..122886)], trnA-UGC [complement(135969..136779)], trnI-GAU [complement(136917..137638)], ndhB [143764..144442], rpl2 [154298..154963]
3292.	SOBI	14	rps12 [complement(70123..70236)], ycf3 [complement(46852..46977)]	rps16 [complement(5229..6068)], atpF [35985..36823], ycf3 [complement(45130..45859)], ycf3 [complement(46088..46851)], petB [73984..74684], petD [75574..76313], rpl16 [complement(80748..81818)], rpl2 [complement(84219..84887)], ndhB [complement(90854..91557)], ndhA [complement(115743..116764)], ndhB [132931..133634], rpl2 [139601..140269]
3293.	SOBK	67	rps12 [complement(99322..99347)], rps12 [complement(99884..100115)], rps12 [complement(71720..71833)], trnK-UUU [complement(1828..1862)],	trnK-UUU [complement(1863..4374)], rps16 [complement(5301..6155)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4375..4411)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9188..9210], trnG-UCC [9911..9947], atpF [complement(11944..12356)], atpF [complement(13047..13191)], rpoC1 [complement(21247..22860)], rpoC1 [complement(23598..24029)], ycf3 [complement(43505..43657)], ycf3 [complement(44408..44638)], ycf3 [complement(45363..45488)], trnL-UAA [48485..48519], trnL-UAA [49017..49066], trnV-UAC [complement(52964..52998)], trnV-UAC [complement(53572..53609)], rps12 [141372..141603], rps12 [142140..142165], petB [76921..76926], petB [77674..78315], petD [78510..78517], petD [79257..79731], rpl16 [complement(83034..83429)], rpl16 [complement(84444..84452)], rpl2 [complement(86105..86538)], rpl2 [complement(87205..87595)], ndhB [complement(96304..97059)], ndhB [complement(97739..98515)], trnI-GAU [103827..103863], trnI-GAU [104586..104620], trnA-UGC [104685..104722], trnA-UGC [105534..105568], ndhA [complement(121175..121713)], ndhA [complement(122872..123424)], trnA-UGC [complement(135919..135953)], trnA-UGC [complement(136765..136802)], trnI-GAU [complement(136867..136901)], trnI-GAU [complement(137624..137660)], ndhB [142972..143748], ndhB [144428..145183], rpl2 [153892..154282], rpl2 [154949..155382]	[9211..9910], atpF [complement(12357..13046)], rpoC1 [complement(22861..23597)], ycf3 [complement(43658..44407)], ycf3 [complement(44639..45362)], trnL-UAA [48520..49016], trnV-UAC [complement(52999..53571)], petB [76927..77673], petD [78518..79256], rpl16 [complement(83430..84443)], rpl2 [complement(86539..87204)], ndhB [complement(97060..97738)], trnI-GAU [103864..104585], trnA-UGC [104723..105533], ndhA [complement(121714..122871)], trnA-UGC [complement(135954..136764)], trnI-GAU [complement(136902..137623)], ndhB [143749..144427], rpl2 [154283..154948]
3294.	SOBL	67	rps12 [complement(99326..99351)], rps12 [complement(99888..100119)], rps12 [complement(71698..71811)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4375..4411)], rps16 [complement(5073..5299)], rps16 [complement(6155..6194)], trnG-UCC [9211..9233], trnG-UCC [9935..9971], atpF [complement(11956..12368)], atpF [complement(13057..13201)], rpoC1 [complement(21257..22870)], rpoC1 [complement(23608..24039)], ycf3 [complement(43504..43656)], ycf3 [complement(44407..44637)], ycf3 [complement(45363..45488)], trnL-UAA [48485..48519], trnL-UAA [49017..49066], trnV-UAC [complement(52955..52989)], trnV-UAC [complement(53563..53600)], rps12 [141384..141615], rps12 [142152..142177], petB [76900..76905], petB [77653..78294], petD [78489..78496], petD [79236..79710], rpl16 [complement(83015..83410)], rpl16 [complement(84425..84433)], rpl2 [complement(86086..86519)], rpl2	trnK-UUU [complement(1862..4374)], rps16 [complement(5300..6154)], trnG-UCC [9234..9934], atpF [complement(12369..13056)], rpoC1 [complement(22871..23607)], ycf3 [complement(43657..44406)], ycf3 [complement(44638..45362)], trnL-UAA [48520..49016], trnV-UAC [complement(52990..53562)], petB [76906..77652], petD [78497..79235], rpl16 [complement(83411..84424)], rpl2 [complement(86520..87185)], ndhB [complement(97064..97742)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87186..87576)], ndhB [complement(96308..97063)], ndhB [complement(97743..98519)], trnI-GAU [103831..103867], trnI-GAU [104590..104624], trnA-UGC [104689..104726], trnA-UGC [105538..105572], ndhA [complement(121199..121737)], ndhA [complement(122896..123448)], trnA-UGC [complement(135931..135965)], trnA-UGC [complement(136777..136814)], trnI-GAU [complement(136879..136913)], trnI-GAU [complement(137636..137672)], ndhB [142984..143760], ndhB [144440..145195], rpl2 [153927..154317], rpl2 [154984..155417]	[103868..104589], trnA-UGC [104727..105537], ndhA [complement(121738..122895)], trnA-UGC [complement(135966..136776)], trnI-GAU [complement(136914..137635)], ndhB [143761..144439], rpl2 [154318..154983]
3295.	SOBO	3	rps12 [139007..139032]	trnK [complement(1821..4364)], trnC [complement(51495..52014)]
3296.	SOBR	67	rps12 [complement(99315..99340)], rps12 [complement(99877..100108)], rps12 [complement(71719..71832)], trnK-UUU [complement(1825..1859)], trnK-UUU [complement(4372..4408)], rps16 [complement(5071..5297)], rps16 [complement(6153..6192)], trnG-UCC [9185..9207], trnG-UCC [9910..9946], atpF [complement(11933..12345)], atpF [complement(13035..13179)], rpoC1 [complement(21230..22843)], rpoC1 [complement(23581..24012)], ycf3 [complement(43485..43637)], ycf3 [complement(44388..44618)], ycf3 [complement(45343..45468)], trnL-UAA [48467..48501], trnL-UAA [48999..49048], trnV-UAC [complement(52946..52980)], trnV-UAC [complement(53552..53589)], rps12 [141376..141607], rps12 [142144..142169], petB [76915..76920], petB [77668..78309], petD [78504..78511], petD [79251..79725], rpl16 [complement(83028..83423)], rpl16 [complement(84438..84446)], rpl2 [complement(86098..86531)], rpl2 [complement(87198..87588)], ndhB [complement(96297..97052)], ndhB [complement(97732..98508)], trnI-GAU [103820..103856], trnI-GAU [104579..104613], trnA-UGC [104678..104715], trnA-UGC [105527..105561], ndhA [complement(121179..121717)], ndhA [complement(122876..123428)], trnA-UGC [complement(135923..135957)], trnA-UGC [complement(136769..136806)], trnI-GAU [complement(136871..136905)], trnI-GAU [complement(137628..137664)], ndhB [142976..143752], ndhB [144432..145187], rpl2 [153896..154286], rpl2 [154953..155386]	trnK-UUU [complement(1860..4371)], rps16 [complement(5298..6152)], trnG-UCC [9208..9909], atpF [complement(12346..13034)], rpoC1 [complement(22844..23580)], ycf3 [complement(43638..44387)], ycf3 [complement(44619..45342)], trnL-UAA [48502..48998], trnV-UAC [complement(52981..53551)], petB [76921..77667], petD [78512..79250], rpl16 [complement(83424..84437)], rpl2 [complement(86532..87197)], ndhB [complement(97053..97731)], trnI-GAU [103857..104578], trnA-UGC [104716..105526], ndhA [complement(121718..122875)], trnA-UGC [complement(135958..136768)], trnI-GAU [complement(136906..137627)], ndhB [143753..144431], rpl2 [154287..154952]
3297.	SOBU	17	rps12 [complement(71553..71666)], rps12 [141965..141990]	rps16 [complement(5223..6077)], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(12225..12917)], rpoC1 [complement(22724..23460)], ycf3 [complement(43512..44261)], ycf3 [complement(44492..45221)], clpP [complement(72033..72657)], clpP [complement(72950..73738)], petB [76754..77500], petD [78343..79081], rpl16 [complement(83246..84259)], rpl2 [complement(86356..87021)], ndhB [complement(96876..97554)], ndhA [complement(121540..122697)], ndhB [143574..144252], rpl2 [154107..154772]
3298.	SOBV	1	rps12 [152182..152207]	-
3299.	SOCA	73	rps12 [complement(103151..103176)], rps12 [complement(103724..103955)], rps12 [complement(72909..73022)], trnK-UUU [complement(1420..1454)], trnK-UUU [complement(4460..4496)], rps16 [complement(4999..5246)], rps16 [complement(6140..6179)], trnG-UCC [9853..9875], trnG-UCC [10566..10613], atpF [complement(12575..12985)], atpF [complement(13921..14064)], rpoC1 [complement(21781..23397)], rpoC1 [complement(24147..24581)], ycf3 [complement(43726..43878)], ycf3 [complement(44646..44875)], ycf3 [complement(45595..45718)], trnL-UAA [48282..48316], trnL-UAA [49209..49258], trnV-UAC [complement(53305..53339)], trnV-UAC [complement(53925..53963)], rps12 [complement(72909..73022)], rps12 [146142..146373], rps12 [146921..146946], clpP [complement(73155..73406)], clpP [complement(74083..74373)], clpP [complement(75488..75556)], petB [79293..79298], petB [80029..80676], petD [80862..80867], petD [81712..82227], rpl16 [complement(85739..86137)], rpl16 [complement(87415..87423)], rpl2 [complement(89418..89849)], rpl2 [complement(90513..90902)], ndhB [complement(100070..100825)], ndhB [complement(101525..102301)], trnI-GAU [107852..107888], trnI-GAU [108835..108869], trnA-UGC [108934..108971], trnA-UGC [109773..109807],	trnK-UUU [complement(1455..4459)], rps16 [complement(5247..6139)], trnG-UCC [9876..10565], atpF [complement(12986..13920)], rpoC1 [complement(23398..24146)], ycf3 [complement(43879..44645)], ycf3 [complement(44876..45594)], trnL-UAA [48317..49208], trnV-UAC [complement(53340..53924)], clpP [complement(73407..74082)], clpP [complement(74374..75487)], petB [79299..80028], petD [80868..81711], rpl16 [complement(86138..87414)], rpl2 [complement(89850..90512)], ndhB [complement(100826..101524)], trnI-GAU [107889..108834], trnA-UGC [108972..109772], ndhA [complement(126329..127443)], trnA-UGC [complement(140325..141125)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(125789..126328)], ndhA [complement(127444..127995)], trnA-UGC [complement(140290..140324)], trnA-UGC [complement(141126..141163)], trnI-GAU [complement(141228..141262)], trnI-GAU [complement(142209..142245)], ndhB [147796..148572], ndhB [149272..150027], rpl2 [159195..159584], rpl2 [160248..160679]	[complement(141263..142208)], ndhB [148573..149271], rpl2 [159585..160247]
3300.	SOCC	67	rps12 [complement(99314..99339)], rps12 [complement(99876..100107)], rps12 [complement(71717..71830)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4376..4412)], rps16 [complement(5077..5303)], rps16 [complement(6159..6198)], trnG-UCC [9192..9214], trnG-UCC [9918..9954], atpF [complement(11940..12352)], atpF [complement(13043..13187)], rpoC1 [complement(21236..22849)], rpoC1 [complement(23587..24018)], ycf3 [complement(43485..43637)], ycf3 [complement(44388..44618)], ycf3 [complement(45343..45468)], trnL-UAA [48466..48500], trnL-UAA [48998..49047], trnV-UAC [complement(52945..52979)], trnV-UAC [complement(53551..53588)], rps12 [141372..141603], rps12 [142140..142165], petB [76912..76917], petB [77665..78306], petD [78501..78508], petD [79248..79722], rpl16 [complement(83026..83421)], rpl16 [complement(84436..84444)], rpl2 [complement(86097..86530)], rpl2 [complement(87197..87587)], ndhB [complement(96296..97051)], ndhB [complement(97731..98507)], trnI-GAU [103819..103855], trnI-GAU [104578..104612], trnA-UGC [104677..104714], trnA-UGC [105526..105560], ndhA [complement(121175..121713)], ndhA [complement(122872..123424)], trnA-UGC [complement(135919..135953)], trnA-UGC [complement(136765..136802)], trnI-GAU [complement(136867..136901)], trnI-GAU [complement(137624..137660)], ndhB [142972..143748], ndhB [144428..145183], rpl2 [153892..154282], rpl2 [154949..155382]	trnK-UUU [complement(1864..4375)], rps16 [complement(5304..6158)], trnG-UCC [9215..9917], atpF [complement(12353..13042)], rpoC1 [complement(22850..23586)], ycf3 [complement(43638..44387)], ycf3 [complement(44619..45342)], trnL-UAA [48501..48997], trnV-UAC [complement(52980..53550)], petB [76918..77664], petD [78509..79247], rpl16 [complement(83422..84435)], rpl2 [complement(86531..87196)], ndhB [complement(97052..97730)], trnI-GAU [103856..104577], trnA-UGC [104715..105525], ndhA [complement(121714..122871)], trnA-UGC [complement(135954..136764)], trnI-GAU [complement(136902..137623)], ndhB [143749..144427], rpl2 [154283..154948]
3301.	SOCD	67	rps12 [complement(99262..99287)], rps12 [complement(99824..100055)], rps12 [complement(71662..71775)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4374..4410)], rps16 [complement(5072..5298)], rps16 [complement(6154..6193)], trnG-UCC [9168..9190], trnG-UCC [9891..9927], atpF [complement(11885..12297)], atpF [complement(12990..13134)], rpoC1 [complement(21167..22780)], rpoC1 [complement(23518..23949)], ycf3	trnK-UUU [complement(1862..4373)], rps16 [complement(5299..6153)], trnG-UCC [9191..9890], atpF [complement(12298..12989)], rpoC1 [complement(22781..23517)], ycf3 [complement(43572..44321)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43419..43571)], ycf3 [complement(44322..44552)], ycf3 [complement(45276..45401)], trnL-UAA [48406..48440], trnL-UAA [48938..48987], trnV-UAC [complement(52873..52907)], trnV-UAC [complement(53479..53516)], rps12 [141310..141541], rps12 [142078..142103], petB [76870..76875], petB [77623..78264], petD [78459..78466], petD [79210..79684], rpl16 [complement(82975..83370)], rpl16 [complement(84385..84393)], rpl2 [complement(86045..86478)], rpl2 [complement(87145..87535)], ndhB [complement(96244..96999)], ndhB [complement(97679..98455)], trnI-GAU [103767..103803], trnI-GAU [104526..104560], trnA-UGC [104625..104662], trnA-UGC [105474..105508], ndhA [complement(121114..121652)], ndhA [complement(122811..123363)], trnA-UGC [complement(135857..135891)], trnA-UGC [complement(136703..136740)], trnI-GAU [complement(136805..136839)], trnI-GAU [complement(137562..137598)], ndhB [142910..143686], ndhB [144366..145121], rpl2 [153830..154220], rpl2 [154887..155320]	[complement(44553..45275)], trnL-UAA [48441..48937], trnV-UAC [complement(52908..53478)], petB [76876..77622], petD [78467..79209], rpl16 [complement(83371..84384)], rpl2 [complement(86479..87144)], ndhB [complement(97000..97678)], trnI-GAU [103804..104525], trnA-UGC [104663..105473], ndhA [complement(121653..122810)], trnA-UGC [complement(135892..136702)], trnI-GAU [complement(136840..137561)], ndhB [143687..144365], rpl2 [154221..154886]
3302.	SOCE	41	trnK-UUU [complement(1811..1845)], trnK-UUU [complement(4360..4396)], trnG-GCC [9076..9098], trnG-GCC [9794..9841], trnL-UAA [48361..48395], trnL-UAA [48893..48942], trnV-UAC [complement(52839..52873)], trnV-UAC [complement(53445..53482)], rps12 [141364..141595], rps12 [142132..142157], trnI-GAU [103758..103794], trnI-GAU [104517..104551], trnA-UGC [104616..104653], trnA-UGC [105465..105499], trnA-UGC [complement(135890..135924)], trnA-UGC [complement(136736..136773)], trnI-GAU [complement(136838..136872)], trnI-GAU [complement(137595..137631)]	trnK-UUU [complement(1846..4359)], rps16 [complement(5158..6021)], trnG-GCC [9099..9793], atpF [complement(12205..12890)], rpoC1 [complement(22686..23422)], ycf3 [complement(43482..44231)], ycf3 [complement(44462..45190)], trnL-UAA [48396..48892], trnV-UAC [complement(52874..53444)], clpP [complement(72110..72726)], clpP [complement(73019..73816)], petB [76842..77588], petD [78433..79170], rpl16 [complement(83333..84350)], rpl2 [complement(86462..87127)], ndhB [complement(96970..97648)], trnI-GAU [103795..104516], trnA-UGC [104654..105464], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(121707..122839)], trnA-UGC [complement(135925..136735)], trnI-GAU [complement(136873..137594)], ndhB [143741..144419], rpl2 [154262..154927]
3303.	SOCH	40	trnK-UUU [complement(1817..1851)], trnK-UUU [complement(4365..4401)], trnG-GCC [9103..9125], trnG-GCC [9818..9865], trnL-UAA [48368..48402], trnL-UAA [48900..48949], trnV-UAC [complement(52884..52918)], trnV-UAC [complement(53490..53527)], rps12 [142140..142165], trnI-GAU [103797..103833], trnI-GAU [104556..104590], trnA-UGC [104655..104692], trnA-UGC [105504..105538], trnA-UGC [complement(135898..135932)], trnA-UGC [complement(136744..136781)], trnI-GAU [complement(136846..136880)], trnI-GAU [complement(137603..137639)]	trnK-UUU [complement(1852..4364)], rps16 [complement(5163..6026)], trnG-GCC [9126..9817], atpF [complement(12232..12917)], rpoC1 [complement(22716..23452)], ycf3 [complement(43504..44253)], ycf3 [complement(44484..45210)], trnL-UAA [48403..48899], trnV-UAC [complement(52919..53489)], clpP [complement(72163..72778)], clpP [complement(73071..73867)], petB [76894..77640], petD [78485..79222], rpl16 [complement(83385..84406)], rpl2 [complement(86501..87166)], ndhB [complement(97009..97687)], trnI-GAU [103834..104555], trnA-UGC [104693..105503], ndhA [complement(121693..122831)], trnA-UGC [complement(135933..136743)], trnI-GAU [complement(136881..137602)], ndhB [143749..144427], rpl2 [154270..154935]
3304.	SOCI	66	rps12 [complement(97329..97352)], rps12 [complement(97891..98121)], rps12 [complement(69911..70024)], trnK [complement(1789..1824)], trnK [complement(4372..4408)], rps16 [complement(5273..5499)], rps16 [complement(6355..6394)], rpoC1 [16293..16721], rpoC1 [17465..19105], atpF [27018..27161], atpF [27871..28281], ycf3 [complement(42339..42491)], ycf3 [complement(43233..43462)], ycf3 [complement(44148..44271)], trnL [47221..47255], trnL [47705..47754], trnV [complement(51674..51715)], trnV	trnK [complement(1825..4371)], rps16 [complement(5500..6354)], rpoC1 [16722..17464], atpF [27162..27870], ycf3 [complement(42492..43232)], ycf3 [complement(43463..44147)], trnL [47256..47704], trnV [complement(51716..52292)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(52293..52330)], rps12 [138291..138522], rps12 [139058..139083], clpP [complement(70182..70409)], clpP [complement(71023..71314)], clpP [complement(72121..72191)], petB [75104..75109], petB [75878..76519], rpl16 [complement(81345..81743)], rpl16 [complement(82806..82814)], rpl2 [complement(84485..84919)], rpl2 [complement(85585..85974)], ndhB [complement(94317..95072)], ndhB [complement(95742..96518)], trnE [102076..102108], trnE [102888..102927], trnA [102992..103028], trnA [103849..103884], ndhA [complement(118601..119139)], ndhA [complement(120199..120751)], trnA [complement(132528..132563)], trnA [complement(133384..133420)], trnE [complement(133485..133524)], trnE [complement(134304..134336)], ndhB [139894..140670], ndhB [141340..142095], rpl2 [150438..150828], rpl2 [151494..151927]	[complement(70410..71022)], clpP [complement(71315..72120)], petB [75110..75877], rpl16 [complement(81744..82805)], rpl2 [complement(84920..85584)], ndhB [complement(95073..95741)], trnE [102109..102887], trnA [103029..103848], ndhA [complement(119140..120198)], trnA [complement(132564..133383)], trnE [complement(133525..134303)], ndhB [140671..141339], rpl2 [150829..151493]
3305.	SOCJ	67	rps12 [complement(99327..99352)], rps12 [complement(99889..100120)], rps12 [complement(71724..71837)], trnK-UUU [complement(1831..1865)], trnK-UUU [complement(4378..4414)], rps16 [complement(5077..5303)], rps16 [complement(6159..6198)], trnG-UCC [9173..9195], trnG-UCC [9896..9932], atpF [complement(11928..12340)], atpF [complement(13031..13175)], rpoC1 [complement(21229..22842)], rpoC1 [complement(23580..24011)], ycf3 [complement(43491..43643)], ycf3 [complement(44394..44624)], ycf3 [complement(45349..45474)], trnL-UAA [48471..48505], trnL-UAA [49003..49052], trnV-UAC [complement(52949..52983)], trnV-UAC [complement(53556..53593)], rps12 [141379..141610], rps12 [142147..142172], petB [76925..76930], petB [77678..78319], petD [78514..78521], petD [79261..79735], rpl16 [complement(83039..83434)], rpl16 [complement(84449..84457)], rpl2 [complement(86110..86543)], rpl2 [complement(87210..87600)], ndhB [complement(96309..97064)], ndhB [complement(97744..98520)], trnI-GAU [103832..103868], trnI-GAU [104591..104625], trnA-UGC [104690..104727], trnA-UGC [105539..105573], ndhA [complement(121182..121720)], ndhA [complement(122879..123431)], trnA-UGC [complement(135926..135960)], trnA-UGC [complement(136772..136809)], trnI-GAU [complement(136874..136908)],	trnK-UUU [complement(1866..4377)], rps16 [complement(5304..6158)], trnG-UCC [9196..9895], atpF [complement(12341..13030)], rpoC1 [complement(22843..23579)], ycf3 [complement(43644..44393)], ycf3 [complement(44625..45348)], trnL-UAA [48506..49002], trnV-UAC [complement(52984..53555)], petB [76931..77677], petD [78522..79260], rpl16 [complement(83435..84448)], rpl2 [complement(86544..87209)], ndhB [complement(97065..97743)], trnI-GAU [103869..104590], trnA-UGC [104728..105538], ndhA [complement(121721..122878)], trnA-UGC [complement(135961..136771)], trnI-GAU [complement(136909..137630)], ndhB [143756..144434], rpl2 [154290..154955]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137631..137667)], ndhB [142979..143755], ndhB [144435..145190], rpl2 [153899..154289], rpl2 [154956..155389]	
3306.	SOCM	2	rps12 [complement(71322..71435)], rps12 [141655..141680]	-
3307.	SOCN	67	rps12 [complement(99320..99345)], rps12 [complement(99882..100113)], rps12 [complement(71712..71825)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4373..4409)], rps16 [complement(5071..5297)], rps16 [complement(6153..6192)], trnG-UCC [9184..9206], trnG-UCC [9907..9943], atpF [complement(11940..12352)], atpF [complement(13043..13187)], rpoC1 [complement(21241..22854)], rpoC1 [complement(23592..24023)], ycf3 [complement(43497..43649)], ycf3 [complement(44400..44630)], ycf3 [complement(45355..45480)], trnL-UAA [48477..48511], trnL-UAA [49009..49058], trnV-UAC [complement(52956..52990)], trnV-UAC [complement(53563..53600)], rps12 [141360..141591], rps12 [142128..142153], petB [76912..76917], petB [77672..78313], petD [78508..78515], petD [79255..79729], rpl16 [complement(83032..83427)], rpl16 [complement(84442..84450)], rpl2 [complement(86103..86536)], rpl2 [complement(87203..87593)], ndhB [complement(96302..97057)], ndhB [complement(97737..98513)], trnI-GAU [103825..103861], trnI-GAU [104584..104618], trnA-UGC [104683..104720], trnA-UGC [105532..105566], ndhA [complement(121168..121706)], ndhA [complement(122865..123417)], trnA-UGC [complement(135907..135941)], trnA-UGC [complement(136753..136790)], trnI-GAU [complement(136855..136889)], trnI-GAU [complement(137612..137648)], ndhB [142960..143736], ndhB [144416..145171], rpl2 [153880..154270], rpl2 [154937..155370]	trnK-UUU [complement(1861..4372)], rps16 [complement(5298..6152)], trnG-UCC [9207..9906], atpF [complement(12353..13042)], rpoC1 [complement(22855..23591)], ycf3 [complement(43650..44399)], ycf3 [complement(44631..45354)], trnL-UAA [48512..49008], trnV-UAC [complement(52991..53562)], petB [76918..77671], petD [78516..79254], rpl16 [complement(83428..84441)], rpl2 [complement(86537..87202)], ndhB [complement(97058..97736)], trnI-GAU [103862..104583], trnA-UGC [104721..105531], ndhA [complement(121707..122864)], trnA-UGC [complement(135942..136752)], trnI-GAU [complement(136890..137611)], ndhB [143737..144415], rpl2 [154271..154936]
3308.	SOCO	70	rps12 [complement(99347..99369)], rps12 [complement(99909..100140)], rps12 [complement(71734..71847)], trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4395..4431)], rps16 [complement(5093..5319)], rps16 [complement(6175..6214)], trnG-UCC [9208..9230], trnG-UCC [9922..9969], atpF [complement(11955..12364)], atpF [complement(13058..13202)], rpoC1 [complement(21252..22865)], rpoC1 [complement(23603..24055)], ycf3 [complement(43507..43659)], ycf3 [complement(44410..44639)], ycf3 [complement(45367..45490)], trnL-UAA [48487..48523], trnL-UAA	trnK-UUU [complement(1883..4394)], rps16 [complement(5320..6174)], trnG-UCC [9231..9921], atpF [complement(12365..13057)], rpoC1 [complement(22866..23602)], ycf3 [complement(43660..44409)], ycf3 [complement(44640..45366)], trnL-UAA [48524..49018], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49019..49068], trnV-UAC [complement(52965..53001)], trnV-UAC [complement(53571..53608)], clpP [complement(71980..72213)], clpP [complement(72833..73124)], clpP [complement(73914..73984)], petB [76929..76934], petB [77682..78323], petD [78518..78525], petD [79265..79739], rpl16 [complement(83041..83436)], rpl16 [complement(84451..84459)], rpl2 [complement(86130..86563)], rpl2 [complement(87230..87620)], ndhB [complement(96329..97084)], ndhB [complement(97764..98540)], trnI-GAU [103852..103893], trnI-GAU [104611..104645], trnA-UGC [104710..104747], trnA-UGC [105559..105593], ndhA [complement(121208..121746)], ndhA [complement(122899..123451)], trnA-UGC [complement(135946..135980)], trnA-UGC [complement(136792..136829)], trnI-GAU [complement(136894..136928)], trnI-GAU [complement(137646..137687)], ndhB [142999..143775], ndhB [144455..145210], rpl2 [153919..154309], rpl2 [154976..155409]	[complement(53002..53570)], clpP [complement(72214..72832)], clpP [complement(73125..73913)], petB [76935..77681], petD [78526..79264], rpl16 [complement(83437..84450)], rpl2 [complement(86564..87229)], ndhB [complement(97085..97763)], trnI-GAU [103894..104610], trnA-UGC [104748..105558], ndhA [complement(121747..122898)], trnA-UGC [complement(135981..136791)], trnI-GAU [complement(136929..137645)], ndhB [143776..144454], rpl2 [154310..154975]
3309.	SOCR	2	rps12 [complement(71817..71930)], rps12 [142049..142074]	-
3310.	SOCT	67	rps12 [complement(99248..99273)], rps12 [complement(99810..100041)], rps12 [complement(71619..71732)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4377..4413)], rps16 [complement(5076..5302)], rps16 [complement(6158..6197)], trnG-UCC [9165..9187], trnG-UCC [9889..9925], atpF [complement(11917..12329)], atpF [complement(13020..13164)], rpoC1 [complement(21196..22809)], rpoC1 [complement(23547..23978)], ycf3 [complement(43444..43596)], ycf3 [complement(44347..44577)], ycf3 [complement(45302..45427)], trnL-UAA [48403..48437], trnL-UAA [48935..48984], trnV-UAC [complement(52874..52908)], trnV-UAC [complement(53481..53518)], rps12 [141281..141512], rps12 [142049..142074], petB [76846..76851], petB [77599..78240], petD [78435..78442], petD [79182..79656], rpl16 [complement(82960..83355)], rpl16 [complement(84370..84378)], rpl2 [complement(86031..86464)], rpl2 [complement(87131..87521)], ndhB [complement(96230..96985)], ndhB [complement(97665..98441)], trnI-GAU [103753..103789], trnI-GAU [104512..104546], trnA-UGC [104611..104648], trnA-UGC [105460..105494], ndhA [complement(121086..121624)], ndhA [complement(122784..123336)],	trnK-UUU [complement(1864..4376)], rps16 [complement(5303..6157)], trnG-UCC [9188..9888], atpF [complement(12330..13019)], rpoC1 [complement(22810..23546)], ycf3 [complement(43597..44346)], ycf3 [complement(44578..45301)], trnL-UAA [48438..48934], trnV-UAC [complement(52909..53480)], petB [76852..77598], petD [78443..79181], rpl16 [complement(83356..84369)], rpl2 [complement(86465..87130)], ndhB [complement(96986..97664)], trnI-GAU [103790..104511], trnA-UGC [104649..105459], ndhA [complement(121625..122783)], trnA-UGC [complement(135863..136673)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(135828..135862)], trnA-UGC [complement(136674..136711)], trnI-GAU [complement(136776..136810)], trnI-GAU [complement(137533..137569)], ndhB [142881..143657], ndhB [144337..145092], rpl2 [153801..154191], rpl2 [154858..155291]	[complement(136811..137532)], ndhB [143658..144336], rpl2 [154192..154857]
3311.	SODA	2	rps12 [complement(71966..72079)], rps12 [142353..142378]	-
3312.	SODE	72	rps12 [complement(99353..99378)], rps12 [complement(99915..100146)], rps12 [complement(71756..71869)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4364..4400)], rps16 [complement(5063..5289)], rps16 [complement(6145..6184)], trnG-UCC [9203..9225], trnG-UCC [9930..9966], atpF [complement(11983..12392)], atpF [complement(13086..13230)], rpoC1 [complement(21280..22893)], rpoC1 [complement(23631..24083)], ycf3 [complement(43533..43685)], ycf3 [complement(44436..44665)], ycf3 [complement(45393..45516)], trnL-UAA [48513..48549], trnL-UAA [49045..49094], trnV-UAC [complement(52992..53028)], trnV-UAC [complement(53598..53635)], rps12 [141412..141643], rps12 [142180..142205], clpP [complement(72002..72235)], clpP [complement(72856..73147)], clpP [complement(73937..74007)], petB [76954..76959], petB [77707..78348], petD [78543..78550], petD [79290..79764], rpl16 [complement(83066..83461)], rpl16 [complement(84476..84484)], rpl2 [complement(86136..86569)], rpl2 [complement(87236..87626)], ndhB [complement(96335..97090)], ndhB [complement(97770..98546)], trnI-GAU [103858..103899], trnI-GAU [104617..104651], trnA-UGC [104716..104753], trnA-UGC [105565..105599], ndhA [complement(121215..121753)], ndhA [complement(122912..123464)], trnA-UGC [complement(135959..135993)], trnA-UGC [complement(136805..136842)], trnI-GAU [complement(136907..136941)], trnI-GAU [complement(137659..137700)], ndhB [143012..143788], ndhB [144468..145223], rpl2 [153932..154322], rpl2 [154989..155422]	trnK-UUU [complement(1862..4363)], rps16 [complement(5290..6144)], trnG-UCC [9226..9929], atpF [complement(12393..13085)], rpoC1 [complement(22894..23630)], ycf3 [complement(43686..44435)], ycf3 [complement(44666..45392)], trnL-UAA [48550..49044], trnV-UAC [complement(53029..53597)], clpP [complement(72236..72855)], clpP [complement(73148..73936)], petB [76960..77706], petD [78551..79289], rpl16 [complement(83462..84475)], rpl2 [complement(86570..87235)], ndhB [complement(97091..97769)], trnI-GAU [103900..104616], trnA-UGC [104754..105564], ndhA [complement(121754..122911)], trnA-UGC [complement(135994..136804)], trnI-GAU [complement(136942..137658)], ndhB [143789..144467], rpl2 [154323..154988]
3313.	SODU	2	rps12 [complement(71575..71688)], rps12 [142186..142211]	-
3314.	SOET	67	rps12 [complement(99113..99138)], rps12 [complement(99675..99906)], rps12 [complement(71511..71624)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4340..4376)], rps16 [complement(5039..5265)], rps16	trnK-UUU [complement(1861..4339)], rps16 [complement(5266..6120)], trnG-UCC [8980..9682], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6121..6160)], trnG-UCC [8957..8979], trnG-UCC [9683..9719], atpF [complement(11671..12083)], atpF [complement(12774..12918)], rpoC1 [complement(20961..22574)], rpoC1 [complement(23312..23743)], ycf3 [complement(43610..43762)], ycf3 [complement(44513..44743)], ycf3 [complement(45468..45593)], trnL-UAA [48567..48601], trnL-UAA [49100..49149], trnV-UAC [complement(52995..53029)], trnV-UAC [complement(53603..53640)], rps12 [141155..141386], rps12 [141923..141948], petB [76729..76734], petB [77482..78123], petD [78318..78325], petD [79065..79539], rpl16 [complement(82824..83219)], rpl16 [complement(84234..84242)], rpl2 [complement(85896..86329)], rpl2 [complement(86996..87386)], ndhB [complement(96095..96850)], ndhB [complement(97530..98306)], trnI-GAU [103629..103665], trnI-GAU [104388..104422], trnA-UGC [104487..104524], trnA-UGC [105336..105370], ndhA [complement(120962..121500)], ndhA [complement(122652..123204)], trnA-UGC [complement(135691..135725)], trnA-UGC [complement(136537..136574)], trnI-GAU [complement(136639..136673)], trnI-GAU [complement(137396..137432)], ndhB [142755..143531], ndhB [144211..144966], rpl2 [153675..154065], rpl2 [154732..155165]	[complement(12084..12773)], rpoC1 [complement(22575..23311)], ycf3 [complement(43763..44512)], ycf3 [complement(44744..45467)], trnL-UAA [48602..49099], trnV-UAC [complement(53030..53602)], petB [76735..77481], petD [78326..79064], rpl16 [complement(83220..84233)], rpl2 [complement(86330..86995)], ndhB [complement(96851..97529)], trnI-GAU [103666..104387], trnA-UGC [104525..105335], ndhA [complement(121501..122651)], trnA-UGC [complement(135726..136536)], trnI-GAU [complement(136674..137395)], ndhB [143532..144210], rpl2 [154066..154731]
3315.	SOEU	67	trnK [complement(1747..1782)], trnK [complement(4348..4384)], trnT [8447..8480], trnT [9199..9241], atpF [complement(11365..11774)], atpF [complement(12479..12623)], rpoC1 [complement(20054..21664)], rpoC1 [complement(22456..22887)], ycf3 [complement(42010..42162)], ycf3 [complement(42968..43195)], ycf3 [complement(43904..44029)], trnL [46513..46547], trnL [47057..47106], trnV [complement(50437..50471)], trnV [complement(51069..51107)], rps12 [complement(68369..68482)], rps12 [138294..138525], rps12 [139062..139087], clpP [complement(68665..68892)], clpP [complement(69467..69758)], clpP [complement(70663..70733)], petB [73705..73710], petB [74498..75139], petD [75337..75344], petD [76084..76558], rpl16 [complement(79869..80267)], rpl16 [complement(81400..81408)], rpl2 [complement(83094..83528)], rpl2 [complement(84217..84606)], ndhB [complement(93880..94452)], ndhB [complement(95133..95909)], trnE [101536..101567], trnE [102297..102336],	trnK [complement(1783..4347)], trnT [8481..9198], atpF [complement(11775..12478)], rpoC1 [complement(21665..22455)], ycf3 [complement(42163..42967)], ycf3 [complement(43196..43903)], trnL [46548..47056], trnV [complement(50472..51068)], clpP [complement(68893..69466)], clpP [complement(69759..70662)], petB [73711..74497], petD [75345..76083], rpl16 [complement(80268..81399)], rpl2 [complement(83529..84216)], ndhB [complement(94453..95132)], trnE

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [102401..102437], trnA [103238..103273], ndhA [complement(118649..118842)], ndhA [complement(119915..120458)], trnA [complement(132550..132585)], trnA [complement(133386..133422)], trnE [complement(133487..133526)], trnE [complement(134256..134287)], ndhB [139914..140690], ndhB [141371..141943], rpl2 [151217..151606], rpl2 [152295..152729]	[101568..102296], trnA [102438..103237], ndhA [complement(118843..119914)], trnA [complement(132586..133385)], trnE [complement(133527..134255)], ndhB [140691..141370], rpl2 [151607..152294]
3316.	SOGA	40	trnK-UUU [complement(1811..1845)], trnK-UUU [complement(4360..4396)], trnG-GCC [9076..9098], trnG-GCC [9794..9841], trnL-UAA [48360..48394], trnL-UAA [48892..48941], trnV-UAC [complement(52836..52870)], trnV-UAC [complement(53442..53479)], rps12 [142086..142111], trnI-GAU [103753..103789], trnI-GAU [104512..104546], trnA-UGC [104611..104648], trnA-UGC [105460..105494], trnA-UGC [complement(135844..135878)], trnA-UGC [complement(136690..136727)], trnI-GAU [complement(136792..136826)], trnI-GAU [complement(137549..137585)]	trnK-UUU [complement(1846..4359)], rps16 [complement(5158..6021)], trnG-GCC [9099..9793], atpF [complement(12205..12890)], rpoC1 [complement(22686..23422)], ycf3 [complement(43481..44230)], ycf3 [complement(44461..45189)], trnL-UAA [48395..48891], trnV-UAC [complement(52871..53441)], clpP [complement(72105..72721)], clpP [complement(73014..73811)], petB [76837..77583], petD [78428..79165], rpl16 [complement(83328..84345)], rpl2 [complement(86457..87122)], ndhB [complement(96965..97643)], trnI-GAU [103790..104511], trnA-UGC [104649..105459], ndhA [complement(121661..122793)], trnA-UGC [complement(135879..136689)], trnI-GAU [complement(136827..137548)], ndhB [143695..144373], rpl2 [154216..154881]
3317.	SOGL	2	rps12 [complement(71743..71856)], rps12 [142024..142049]	-
3318.	SOGN	67	rps12 [complement(99284..99309)], rps12 [complement(99846..100077)], rps12 [complement(71679..71792)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4376..4412)], rps16 [complement(5075..5301)], rps16 [complement(6157..6196)], trnG-UCC [9142..9164], trnG-UCC [9866..9902],	trnK-UUU [complement(1864..4375)], rps16 [complement(5302..6156)], trnG-UCC [9165..9865], atpF [complement(12312..13001)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(11899..12311)], atpF [complement(13002..13146)], rpoC1 [complement(21203..22816)], rpoC1 [complement(23554..23985)], ycf3 [complement(43461..43613)], ycf3 [complement(44364..44594)], ycf3 [complement(45319..45444)], trnL-UAA [48440..48474], trnL-UAA [48972..49021], trnV-UAC [complement(52919..52953)], trnV-UAC [complement(53525..53562)], rps12 [141346..141577], rps12 [142114..142139], petB [76882..76887], petB [77635..78276], petD [78471..78478], petD [79218..79692], rpl16 [complement(82996..83391)], rpl16 [complement(84406..84414)], rpl2 [complement(86067..86500)], rpl2 [complement(87167..87557)], ndhB [complement(96266..97021)], ndhB [complement(97701..98477)], trnI-GAU [103789..103825], trnI-GAU [104548..104582], trnA-UGC [104647..104684], trnA-UGC [105496..105530], ndhA [complement(121149..121687)], ndhA [complement(122846..123398)], trnA-UGC [complement(135893..135927)], trnA-UGC [complement(136739..136776)], trnI-GAU [complement(136841..136875)], trnI-GAU [complement(137598..137634)], ndhB [142946..143722], ndhB [144402..145157], rpl2 [153866..154256], rpl2 [154923..155356]	[complement(22817..23553)], ycf3 [complement(43614..44363)], ycf3 [complement(44595..45318)], trnL-UAA [48475..48971], trnV-UAC [complement(52954..53524)], petB [76888..77634], petD [78479..79217], rpl16 [complement(83392..84405)], rpl2 [complement(86501..87166)], ndhB [complement(97022..97700)], trnI-GAU [103826..104547], trnA-UGC [104685..105495], ndhA [complement(121688..122845)], trnA-UGC [complement(135928..136738)], trnI-GAU [complement(136876..137597)], ndhB [143723..144401], rpl2 [154257..154922]
3319.	SOGO	67	rps12 [complement(99251..99276)], rps12 [complement(99813..100044)], rps12 [complement(71642..71755)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4382..4418)], rps16 [complement(5081..5307)], rps16 [complement(6163..6202)], trnG-UCC [9183..9205], trnG-UCC [9907..9943], atpF [complement(11899..12311)], atpF [complement(13003..13147)], rpoC1 [complement(21202..22815)], rpoC1 [complement(23553..23984)], ycf3 [complement(43452..43604)], ycf3 [complement(44355..44585)], ycf3 [complement(45310..45435)], trnL-UAA [48392..48426], trnL-UAA [48924..48973], trnV-UAC [complement(52888..52922)], trnV-UAC [complement(53494..53531)], rps12 [141301..141532], rps12 [142069..142094], petB [76842..76847], petB [77601..78242], petD [78437..78444], petD [79184..79658], rpl16 [complement(82962..83357)], rpl16 [complement(84372..84380)], rpl2 [complement(86034..86467)], rpl2 [complement(87134..87524)], ndhB [complement(96233..96988)], ndhB [complement(97668..98444)], trnI-GAU [103756..103792], trnI-GAU	trnK-UUU [complement(1862..4381)], rps16 [complement(5308..6162)], trnG-UCC [9206..9906], atpF [complement(12312..13002)], rpoC1 [complement(22816..23552)], ycf3 [complement(43605..44354)], ycf3 [complement(44586..45309)], trnL-UAA [48427..48923], trnV-UAC [complement(52923..53493)], petB [76848..77600], petD [78445..79183], rpl16 [complement(83358..84371)], rpl2 [complement(86468..87133)], ndhB [complement(96989..97667)], trnI-GAU [103793..104514], trnA-UGC [104652..105462], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104515..104549], trnA-UGC [104614..104651], trnA-UGC [105463..105497], ndhA [complement(121104..121642)], ndhA [complement(122801..123353)], trnA-UGC [complement(135848..135882)], trnA-UGC [complement(136694..136731)], trnI-GAU [complement(136796..136830)], trnI-GAU [complement(137553..137589)], ndhB [142901..143677], ndhB [144357..145112], rpl2 [153821..154211], rpl2 [154878..155311]	[complement(121643..122800)], trnA-UGC [complement(135883..136693)], trnI-GAU [complement(136831..137552)], ndhB [143678..144356], rpl2 [154212..154877]
3320.	SOHA	40	trnK-UUU [complement(1816..1850)], trnK-UUU [complement(4364..4400)], trnG-GCC [9091..9113], trnG-GCC [9807..9854], trnL-UAA [48370..48404], trnL-UAA [48902..48951], trnV-UAC [complement(52846..52880)], trnV-UAC [complement(53452..53489)], rps12 [142077..142102], trnI-GAU [103767..103803], trnI-GAU [104526..104560], trnA-UGC [104625..104662], trnA-UGC [105474..105508], trnA-UGC [complement(135835..135869)], trnA-UGC [complement(136681..136718)], trnI-GAU [complement(136783..136817)], trnI-GAU [complement(137540..137576)]	trnK-UUU [complement(1851..4363)], rps16 [complement(5163..6026)], trnG-GCC [9114..9806], atpF [complement(12218..12903)], rpoC1 [complement(22699..23435)], ycf3 [complement(43489..44238)], ycf3 [complement(44469..45197)], trnL-UAA [48405..48901], trnV-UAC [complement(52881..53451)], clpP [complement(72119..72735)], clpP [complement(73028..73825)], petB [76851..77597], petD [78442..79179], rpl16 [complement(83342..84359)], rpl2 [complement(86471..87136)], ndhB [complement(96979..97657)], trnI-GAU [103804..104525], trnA-UGC [104663..105473], ndhA [complement(121652..122784)], trnA-UGC [complement(135870..136680)], trnI-GAU [complement(136818..137539)], ndhB [143686..144364], rpl2 [154207..154872]
3321.	SOHO	67	rps12 [complement(99337..99362)], rps12 [complement(99899..100130)], rps12 [complement(71739..71852)], trnK-UUU [complement(1828..1862)], trnK-UUU [complement(4375..4411)], rps16 [complement(5073..5299)], rps16 [complement(6155..6194)], trnG-UCC [9206..9228], trnG-UCC [9931..9967], atpF [complement(11954..12366)], atpF [complement(13057..13201)], rpoC1	trnK-UUU [complement(1863..4374)], rps16 [complement(5300..6154)], trnG-UCC [9229..9930], atpF [complement(12367..13056)], rpoC1 [complement(22865..23601)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21251..22864)], rpoC1 [complement(23602..24033)], ycf3 [complement(43507..43659)], ycf3 [complement(44410..44640)], ycf3 [complement(45365..45490)], trnL-UAA [48487..48521], trnL-UAA [49019..49068], trnV-UAC [complement(52965..52999)], trnV-UAC [complement(53571..53608)], rps12 [141395..141626], rps12 [142163..142188], petB [76935..76940], petB [77688..78329], petD [78524..78531], petD [79271..79745], rpl16 [complement(83050..83445)], rpl16 [complement(84460..84468)], rpl2 [complement(86120..86553)], rpl2 [complement(87220..87610)], ndhB [complement(96319..97074)], ndhB [complement(97754..98530)], trnI-GAU [103842..103878], trnI-GAU [104601..104635], trnA-UGC [104700..104737], trnA-UGC [105549..105583], ndhA [complement(121198..121736)], ndhA [complement(122895..123447)], trnA-UGC [complement(135942..135976)], trnA-UGC [complement(136788..136825)], trnI-GAU [complement(136890..136924)], trnI-GAU [complement(137647..137683)], ndhB [142995..143771], ndhB [144451..145206], rpl2 [153915..154305], rpl2 [154972..155405]	[complement(43660..44409)], ycf3 [complement(44641..45364)], trnL-UAA [48522..49018], trnV-UAC [complement(53000..53570)], petB [76941..77687], petD [78532..79270], rpl16 [complement(83446..84459)], rpl2 [complement(86554..87219)], ndhB [complement(97075..97753)], trnI-GAU [103879..104600], trnA-UGC [104738..105548], ndhA [complement(121737..122894)], trnA-UGC [complement(135977..136787)], trnI-GAU [complement(136925..137646)], ndhB [143772..144450], rpl2 [154306..154971]
3322.	SOHY	67	rps12 [complement(99275..99300)], rps12 [complement(99837..100068)], rps12 [complement(71676..71789)], trnK-UUU [complement(1836..1870)], trnK-UUU [complement(4384..4420)], rps16 [complement(5082..5308)], rps16 [complement(6164..6203)], trnG-UCC [9192..9214], trnG-UCC [9918..9954], atpF [complement(11946..12358)], atpF [complement(13048..13192)], rpoC1 [complement(21249..22862)], rpoC1 [complement(23600..24031)], ycf3 [complement(43476..43628)], ycf3 [complement(44379..44609)], ycf3 [complement(45334..45459)], trnL-UAA [48456..48490], trnL-UAA [48988..49037], trnV-UAC [complement(52927..52961)], trnV-UAC [complement(53534..53571)], rps12 [141338..141569], rps12 [142106..142131], petB [76873..76878], petB [77626..78267], petD [78462..78469], petD [79209..79683], rpl16 [complement(82987..83382)], rpl16 [complement(84397..84405)], rpl2 [complement(86058..86491)], rpl2 [complement(87158..87548)], ndhB [complement(96257..97012)], ndhB [complement(97692..98468)], trnI-GAU [103780..103816], trnI-GAU [104539..104573], trnA-UGC [104638..104675], trnA-UGC [105487..105521],	trnK-UUU [complement(1871..4383)], rps16 [complement(5309..6163)], trnG-UCC [9215..9917], atpF [complement(12359..13047)], rpoC1 [complement(22863..23599)], ycf3 [complement(43629..44378)], ycf3 [complement(44610..45333)], trnL-UAA [48491..48987], trnV-UAC [complement(52962..53533)], petB [76879..77625], petD [78470..79208], rpl16 [complement(83383..84396)], rpl2 [complement(86492..87157)], ndhB [complement(97013..97691)], trnI-GAU [103817..104538], trnA-UGC [104676..105486], ndhA [complement(121693..122849)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(121154..121692)], ndhA [complement(122850..123402)], trnA-UGC [complement(135885..135919)], trnA-UGC [complement(136731..136768)], trnI-GAU [complement(136833..136867)], trnI-GAU [complement(137590..137626)], ndhB [142938..143714], ndhB [144394..145149], rpl2 [153858..154248], rpl2 [154915..155348]	[complement(135920..136730)], trnI-GAU [complement(136868..137589)], ndhB [143715..144393], rpl2 [154249..154914]
3323.	SOIC	67	rps12 [complement(99265..99290)], rps12 [complement(99827..100058)], rps12 [complement(71657..71770)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4370..4406)], rps16 [complement(5069..5295)], rps16 [complement(6151..6190)], trnG-UCC [9168..9190], trnG-UCC [9895..9931], atpF [complement(11887..12299)], atpF [complement(12991..13135)], rpoC1 [complement(21190..22803)], rpoC1 [complement(23541..23972)], ycf3 [complement(43443..43595)], ycf3 [complement(44346..44576)], ycf3 [complement(45301..45426)], trnL-UAA [48424..48458], trnL-UAA [48956..49005], trnV-UAC [complement(52904..52938)], trnV-UAC [complement(53510..53547)], rps12 [141315..141546], rps12 [142083..142108], petB [76856..76861], petB [77615..78256], petD [78451..78458], petD [79198..79672], rpl16 [complement(82976..83371)], rpl16 [complement(84386..84394)], rpl2 [complement(86048..86481)], rpl2 [complement(87148..87538)], ndhB [complement(96247..97002)], ndhB [complement(97682..98458)], trnI-GAU [103770..103806], trnI-GAU [104529..104563], trnA-UGC [104628..104665], trnA-UGC [105477..105511], ndhA [complement(121118..121656)], ndhA [complement(122815..123367)], trnA-UGC [complement(135862..135896)], trnA-UGC [complement(136708..136745)], trnI-GAU [complement(136810..136844)], trnI-GAU [complement(137567..137603)], ndhB [142915..143691], ndhB [144371..145126], rpl2 [153835..154225], rpl2 [154892..155325]	trnK-UUU [complement(1858..4369)], rps16 [complement(5296..6150)], trnG-UCC [9191..9894], atpF [complement(12300..12990)], rpoC1 [complement(22804..23540)], ycf3 [complement(43596..44345)], ycf3 [complement(44577..45300)], trnL-UAA [48459..48955], trnV-UAC [complement(52939..53509)], petB [76862..77614], petD [78459..79197], rpl16 [complement(83372..84385)], rpl2 [complement(86482..87147)], ndhB [complement(97003..97681)], trnI-GAU [103807..104528], trnA-UGC [104666..105476], ndhA [complement(121657..122814)], trnA-UGC [complement(135897..136707)], trnI-GAU [complement(136845..137566)], ndhB [143692..144370], rpl2 [154226..154891]
3324.	SOIN	2	rps12 [complement(71886..71999)], rps12 [142294..142319]	-
3325.	SOJA	67	rps12 [complement(99371..99396)], rps12 [complement(99933..100164)], rps12 [complement(71771..71884)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4369..4405)], rps16 [complement(5067..5293)], rps16 [complement(6149..6188)], trnG-UCC [9189..9211], trnG-UCC [9914..9950], atpF [complement(11913..12325)], atpF [complement(13017..13161)], rpoC1	trnK-UUU [complement(1858..4368)], rps16 [complement(5294..6148)], trnG-UCC [9212..9913], atpF [complement(12326..13016)], rpoC1 [complement(22828..23564)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(21214..22827)], rpoC1 [complement(23565..23996)], ycf3 [complement(43481..43633)], ycf3 [complement(44383..44613)], ycf3 [complement(45338..45463)], trnL-UAA [48494..48528], trnL-UAA [49026..49075], trnV-UAC [complement(52950..52984)], trnV-UAC [complement(53556..53593)], rps12 [141445..141676], rps12 [142213..142238], petB [76980..76985], petB [77733..78374], petD [78569..78576], petD [79316..79790], rpl16 [complement(83083..83478)], rpl16 [complement(84493..84501)], rpl2 [complement(86154..86587)], rpl2 [complement(87254..87644)], ndhB [complement(96353..97108)], ndhB [complement(97788..98564)], trnI-GAU [103876..103912], trnI-GAU [104635..104669], trnA-UGC [104734..104771], trnA-UGC [105583..105617], ndhA [complement(121253..121791)], ndhA [complement(122950..123502)], trnA-UGC [complement(135992..136026)], trnA-UGC [complement(136838..136875)], trnI-GAU [complement(136940..136974)], trnI-GAU [complement(137697..137733)], ndhB [143045..143821], ndhB [144501..145256], rpl2 [153965..154355], rpl2 [155022..155455]	[complement(43634..44382)], ycf3 [complement(44614..45337)], trnL-UAA [48529..49025], trnV-UAC [complement(52985..53555)], petB [76986..77732], petD [78577..79315], rpl16 [complement(83479..84492)], rpl2 [complement(86588..87253)], ndhB [complement(97109..97787)], trnI-GAU [103913..104634], trnA-UGC [104772..105582], ndhA [complement(121792..122949)], trnA-UGC [complement(136027..136837)], trnI-GAU [complement(136975..137696)], ndhB [143822..144500], rpl2 [154356..155021]
3326.	SOKU	67	rps12 [complement(99302..99327)], rps12 [complement(99864..100095)], rps12 [complement(71705..71818)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4374..4410)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9187..9209], trnG-UCC [9913..9949], atpF [complement(11936..12348)], atpF [complement(13039..13183)], rpoC1 [complement(21233..22846)], rpoC1 [complement(23584..24015)], ycf3 [complement(43490..43642)], ycf3 [complement(44393..44623)], ycf3 [complement(45348..45473)], trnL-UAA [48470..48504], trnL-UAA [49002..49051], trnV-UAC [complement(52949..52983)], trnV-UAC [complement(53555..53592)], rps12 [141361..141592], rps12 [142129..142154], petB [76901..76906], petB [77654..78295], petD [78490..78497], petD [79237..79711], rpl16 [complement(83015..83410)], rpl16 [complement(84425..84433)], rpl2 [complement(86086..86519)], rpl2 [complement(87186..87576)], ndhB [complement(96285..97040)], ndhB [complement(97720..98496)], trnI-GAU [103807..103843], trnI-GAU [104566..104600], trnA-UGC [104665..104702], trnA-UGC [105514..105548],	trnK-UUU [complement(1862..4373)], rps16 [complement(5301..6155)], trnG-UCC [9210..9912], atpF [complement(12349..13038)], rpoC1 [complement(22847..23583)], ycf3 [complement(43643..44392)], ycf3 [complement(44624..45347)], trnL-UAA [48505..49001], trnV-UAC [complement(52984..53554)], petB [76907..77653], petD [78498..79236], rpl16 [complement(83411..84424)], rpl2 [complement(86520..87185)], ndhB [complement(97041..97719)], trnI-GAU [103844..104565], trnA-UGC [104703..105513], ndhA [complement(121703..122860)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(121164..121702)], ndhA [complement(122861..123413)], trnA-UGC [complement(135908..135942)], trnA-UGC [complement(136754..136791)], trnI-GAU [complement(136856..136890)], trnI-GAU [complement(137613..137649)], ndhB [142960..143736], ndhB [144416..145171], rpl2 [153880..154270], rpl2 [154937..155370]	[complement(135943..136753)], trnI-GAU [complement(136891..137612)], ndhB [143737..144415], rpl2 [154271..154936]
3327.	SOLA	2	rps12 [complement(71920..72033)], rps12 [141908..141933]	-
3328.	SOLC	2	rps12 [complement(71879..71992)], rps12 [142212..142237]	-
3329.	SOLE	67	rps12 [complement(99273..99298)], rps12 [complement(99835..100066)], rps12 [complement(71663..71776)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4374..4410)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9175..9197], trnG-UCC [9900..9936], atpF [complement(11891..12303)], atpF [complement(12994..13138)], rpoC1 [complement(21191..22804)], rpoC1 [complement(23542..23973)], ycf3 [complement(43448..43600)], ycf3 [complement(44351..44581)], ycf3 [complement(45306..45431)], trnL-UAA [48430..48464], trnL-UAA [48962..49011], trnV-UAC [complement(52910..52944)], trnV-UAC [complement(53516..53553)], rps12 [141323..141554], rps12 [142091..142116], petB [76863..76868], petB [77622..78263], petD [78458..78465], petD [79205..79679], rpl16 [complement(82984..83379)], rpl16 [complement(84394..84402)], rpl2 [complement(86056..86489)], rpl2 [complement(87156..87546)], ndhB [complement(96255..97010)], ndhB [complement(97690..98466)], trnI-GAU [103778..103814], trnI-GAU [104537..104571], trnA-UGC [104636..104673], trnA-UGC [105485..105519], ndhA [complement(121126..121664)], ndhA [complement(122823..123375)], trnA-UGC [complement(135870..135904)], trnA-UGC [complement(136716..136753)], trnI-GAU [complement(136818..136852)], trnI-GAU [complement(137575..137611)], ndhB [142923..143699], ndhB [144379..145134], rpl2 [153843..154233], rpl2 [154900..155333]	trnK-UUU [complement(1861..4373)], rps16 [complement(5301..6155)], trnG-UCC [9198..9899], atpF [complement(12304..12993)], rpoC1 [complement(22805..23541)], ycf3 [complement(43601..44350)], ycf3 [complement(44582..45305)], trnL-UAA [48465..48961], trnV-UAC [complement(52945..53515)], petB [76869..77621], petD [78466..79204], rpl16 [complement(83380..84393)], rpl2 [complement(86490..87155)], ndhB [complement(97011..97689)], trnI-GAU [103815..104536], trnA-UGC [104674..105484], ndhA [complement(121665..122822)], trnA-UGC [complement(135905..136715)], trnI-GAU [complement(136853..137574)], ndhB [143700..144378], rpl2 [154234..154899]
3330.	SOLI	2	rps12 [complement(71881..71994)], rps12 [142212..142237]	-
3331.	SOLM	67	rps12 [complement(99311..99336)], rps12 [complement(99873..100104)], rps12 [complement(71700..71813)], trnK-UUU [complement(1825..1859)], trnK-UUU [complement(4372..4408)], rps16 [complement(5070..5296)], rps16	trnK-UUU [complement(1860..4371)], rps16 [complement(5297..6151)], trnG-UCC [9207..9907], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6152..6191)], trnG-UCC [9184..9206], trnG-UCC [9908..9944], atpF [complement(11911..12323)], atpF [complement(13014..13158)], rpoC1 [complement(21214..22827)], rpoC1 [complement(23565..23996)], ycf3 [complement(43468..43620)], ycf3 [complement(44371..44601)], ycf3 [complement(45326..45451)], trnL-UAA [48448..48482], trnL-UAA [48980..49029], trnV-UAC [complement(52927..52961)], trnV-UAC [complement(53534..53571)], rps12 [141362..141593], rps12 [142130..142155], petB [76903..76908], petB [77663..78304], petD [78499..78506], petD [79246..79720], rpl16 [complement(83023..83418)], rpl16 [complement(84433..84441)], rpl2 [complement(86094..86527)], rpl2 [complement(87194..87584)], ndhB [complement(96293..97048)], ndhB [complement(97728..98504)], trnI-GAU [103816..103852], trnI-GAU [104575..104609], trnA-UGC [104674..104711], trnA-UGC [105523..105557], ndhA [complement(121165..121703)], ndhA [complement(122862..123414)], trnA-UGC [complement(135909..135943)], trnA-UGC [complement(136755..136792)], trnI-GAU [complement(136857..136891)], trnI-GAU [complement(137614..137650)], ndhB [142962..143738], ndhB [144418..145173], rpl2 [153882..154272], rpl2 [154939..155372]	[complement(12324..13013)], rpoC1 [complement(22828..23564)], ycf3 [complement(43621..44370)], ycf3 [complement(44602..45325)], trnL-UAA [48483..48979], trnV-UAC [complement(52962..53533)], petB [76909..77662], petD [78507..79245], rpl16 [complement(83419..84432)], rpl2 [complement(86528..87193)], ndhB [complement(97049..97727)], trnI-GAU [103853..104574], trnA-UGC [104712..105522], ndhA [complement(121704..122861)], trnA-UGC [complement(135944..136754)], trnI-GAU [complement(136892..137613)], ndhB [143739..144417], rpl2 [154273..154938]
3332.	SOLX	67	rps12 [complement(99334..99359)], rps12 [complement(99896..100127)], rps12 [complement(71736..71849)], trnK-UUU [complement(1830..1864)], trnK-UUU [complement(4377..4413)], rps16 [complement(5075..5301)], rps16 [complement(6157..6196)], trnG-UCC [9186..9208], trnG-UCC [9912..9948], atpF [complement(11935..12347)], atpF [complement(13038..13182)], rpoC1 [complement(21232..22845)], rpoC1 [complement(23583..24014)], ycf3 [complement(43489..43641)], ycf3 [complement(44392..44622)], ycf3 [complement(45347..45472)], trnL-UAA [48470..48504], trnL-UAA [49002..49051], trnV-UAC [complement(52948..52982)], trnV-UAC [complement(53554..53591)], rps12 [141394..141625], rps12 [142162..142187], petB [76933..76938], petB [77686..78327], petD [78522..78529], petD [79269..79743], rpl16 [complement(83047..83442)], rpl16 [complement(84457..84465)], rpl2 [complement(86117..86550)], rpl2 [complement(87217..87607)], ndhB [complement(96316..97071)], ndhB	trnK-UUU [complement(1865..4376)], rps16 [complement(5302..6156)], trnG-UCC [9209..9911], atpF [complement(12348..13037)], rpoC1 [complement(22846..23582)], ycf3 [complement(43642..44391)], ycf3 [complement(44623..45346)], trnL-UAA [48505..49001], trnV-UAC [complement(52983..53553)], petB [76939..77685], petD [78530..79268], rpl16 [complement(83443..84456)], rpl2 [complement(86551..87216)], ndhB [complement(97072..97750)], trnI-GAU [103876..104597], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97751..98527)], trnI-GAU [103839..103875], trnI-GAU [104598..104632], trnA-UGC [104697..104734], trnA-UGC [105546..105580], ndhA [complement(121196..121734)], ndhA [complement(122894..123446)], trnA-UGC [complement(135941..135975)], trnA-UGC [complement(136787..136824)], trnI-GAU [complement(136889..136923)], trnI-GAU [complement(137646..137682)], ndhB [142994..143770], ndhB [144450..145205], rpl2 [153914..154304], rpl2 [154971..155404]	[104735..105545], ndhA [complement(121735..122893)], trnA-UGC [complement(135976..136786)], trnI-GAU [complement(136924..137645)], ndhB [143771..144449], rpl2 [154305..154970]
3333.	SOLY	17	rps12 [complement(71636..71749)], rps12 [142074..142099]	rps16 [complement(5161..6024)], atpF [complement(12211..12896)], rpoC1 [complement(22691..23427)], ycf3 [complement(43483..44232)], ycf3 [complement(44463..45191)], clpP [complement(72116..72732)], clpP [complement(73025..73822)], petB [76848..77594], petD [78437..79174], rpl16 [complement(83340..84357)], rpl2 [complement(86470..87135)], ndhB [complement(96977..97655)], ndhA [complement(121650..122782)], ndhB [143683..144361], rpl2 [154203..154868]
3334.	SOM A	2	rps12 [complement(72046..72159)], rps12 [142456..142481]	-
3335.	SOM D	67	rps12 [complement(99332..99357)], rps12 [complement(99894..100125)], rps12 [complement(71728..71841)], trnK-UUU [complement(1828..1862)], trnK-UUU [complement(4375..4411)], rps16 [complement(5073..5299)], rps16 [complement(6155..6194)], trnG-UCC [9187..9209], trnG-UCC [9910..9946], atpF [complement(11944..12356)], atpF [complement(13047..13191)], rpoC1 [complement(21247..22860)], rpoC1 [complement(23598..24029)], ycf3 [complement(43502..43654)], ycf3 [complement(44405..44635)], ycf3 [complement(45360..45485)], trnL-UAA [48483..48517], trnL-UAA [49015..49064], trnV-UAC [complement(52963..52997)], trnV-UAC [complement(53570..53607)], rps12 [141384..141615], rps12	trnK-UUU [complement(1863..4374)], rps16 [complement(5300..6154)], trnG-UCC [9210..9909], atpF [complement(12357..13046)], rpoC1 [complement(22861..23597)], ycf3 [complement(43655..44404)], ycf3 [complement(44636..45359)], trnL-UAA [48518..49014], trnV-UAC [complement(52998..53569)], petB [76936..77682], petD [78527..79265], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142152..142177], petB [76930..76935], petB [77683..78324], petD [78519..78526], petD [79266..79740], rpl16 [complement(83043..83438)], rpl16 [complement(84454..84462)], rpl2 [complement(86115..86548)], rpl2 [complement(87215..87605)], ndhB [complement(96314..97069)], ndhB [complement(97749..98525)], trnI-GAU [103837..103873], trnI-GAU [104596..104630], trnA-UGC [104695..104732], trnA-UGC [105544..105578], ndhA [complement(121187..121725)], ndhA [complement(122884..123436)], trnA-UGC [complement(135931..135965)], trnA-UGC [complement(136777..136814)], trnI-GAU [complement(136879..136913)], trnI-GAU [complement(137636..137672)], ndhB [142984..143760], ndhB [144440..145195], rpl2 [153904..154294], rpl2 [154961..155394]	[complement(83439..84453)], rpl2 [complement(86549..87214)], ndhB [complement(97070..97748)], trnI-GAU [103874..104595], trnA-UGC [104733..105543], ndhA [complement(121726..122883)], trnA-UGC [complement(135966..136776)], trnI-GAU [complement(136914..137635)], ndhB [143761..144439], rpl2 [154295..154960]
3336.	SOME	70	rps12 [complement(98099..98124)], rps12 [complement(98661..98892)], rps12 [complement(70538..70651)], trnK-UUU [complement(1819..1853)], trnK-UUU [complement(4345..4381)], rps16 [complement(5035..5270)], rps16 [complement(6121..6160)], trnG-UCC [9095..9117], trnG-UCC [9812..9859], atpF [complement(11803..12212)], atpF [complement(12916..13060)], rpoC1 [complement(21012..22625)], rpoC1 [complement(23366..23818)], ycf3 [complement(42865..43017)], ycf3 [complement(43768..43997)], ycf3 [complement(44731..44854)], trnL-UAA [47568..47604], trnL-UAA [48100..48149], trnV-UAC [complement(51974..52010)], trnV-UAC [complement(52579..52616)], clpP [complement(70790..71017)], clpP [complement(71623..71914)], clpP [complement(72709..72779)], petB [75731..75736], petB [76483..77124], petD [77324..77331], petD [78082..78556], rpl16 [complement(81791..82186)], rpl16 [complement(83205..83213)], rpl2 [complement(84863..85296)], rpl2 [complement(85958..86348)], ndhB [complement(95081..95836)], ndhB [complement(96516..97292)], trnI-GAU [102626..102667], trnI-GAU [103386..103420], trnA-UGC [103485..103522], trnA-UGC [104334..104368], ndhA [complement(119952..120490)], ndhA [complement(121653..122205)], trnA-UGC [complement(134675..134709)], trnA-UGC [complement(135521..135558)], trnI-GAU [complement(135623..135657)], trnI-GAU [complement(136376..136417)], ndhB [141751..142527], ndhB	trnK-UUU [complement(1854..4344)], rps16 [complement(5271..6120)], trnG-UCC [9118..9811], atpF [complement(12213..12915)], rpoC1 [complement(22626..23365)], ycf3 [complement(43018..43767)], ycf3 [complement(43998..44730)], trnL-UAA [47605..48099], trnV-UAC [complement(52011..52578)], clpP [complement(71018..71622)], clpP [complement(71915..72708)], petB [75737..76482], petD [77332..78081], rpl16 [complement(82187..83204)], rpl2 [complement(85297..85957)], ndhB [complement(95837..96515)], trnI-GAU [102668..103385], trnA-UGC [103523..104333], ndhA [complement(120491..121652)], trnA-UGC [complement(134710..135520)], trnI-GAU [complement(135658..136375)], ndhB [142528..143206], rpl2 [153081..153741]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[143207..143962], rpl2 [152690..153080], rpl2 [153742..154175]	
3337.	SOM G	67	rps12 [complement(99352..99377)], rps12 [complement(99914..100145)], rps12 [complement(71749..71862)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4376..4412)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9187..9209], trnG-UCC [9909..9945], atpF [complement(11942..12354)], atpF [complement(13045..13189)], rpoC1 [complement(21243..22856)], rpoC1 [complement(23594..24025)], ycf3 [complement(43504..43656)], ycf3 [complement(44407..44637)], ycf3 [complement(45362..45487)], trnL-UAA [48484..48518], trnL-UAA [49016..49065], trnV-UAC [complement(52962..52996)], trnV-UAC [complement(53569..53606)], rps12 [141413..141644], rps12 [142181..142206], petB [76950..76955], petB [77703..78344], petD [78539..78546], petD [79286..79760], rpl16 [complement(83064..83459)], rpl16 [complement(84474..84482)], rpl2 [complement(86135..86568)], rpl2 [complement(87235..87625)], ndhB [complement(96334..97089)], ndhB [complement(97769..98545)], trnI-GAU [103857..103893], trnI-GAU [104616..104650], trnA-UGC [104715..104752], trnA-UGC [105564..105598], ndhA [complement(121216..121754)], ndhA [complement(122913..123465)], trnA-UGC [complement(135960..135994)], trnA-UGC [complement(136806..136843)], trnI-GAU [complement(136908..136942)], trnI-GAU [complement(137665..137701)], ndhB [143013..143789], ndhB [144469..145224], rpl2 [153933..154323], rpl2 [154990..155423]	trnK-UUU [complement(1864..4375)], rps16 [complement(5301..6155)], trnG-UCC [9210..9908], atpF [complement(12355..13044)], rpoC1 [complement(22857..23593)], ycf3 [complement(43657..44406)], ycf3 [complement(44638..45361)], trnL-UAA [48519..49015], trnV-UAC [complement(52997..53568)], petB [76956..77702], petD [78547..79285], rpl16 [complement(83460..84473)], rpl2 [complement(86569..87234)], ndhB [complement(97090..97768)], trnI-GAU [103894..104615], trnA-UGC [104753..105563], ndhA [complement(121755..122912)], trnA-UGC [complement(135995..136805)], trnI-GAU [complement(136943..137664)], ndhB [143790..144468], rpl2 [154324..154989]
3338.	SOMI	67	rps12 [complement(99307..99332)], rps12 [complement(99869..100100)], rps12 [complement(71709..71822)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4375..4411)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9187..9209], trnG-UCC [9913..9949], atpF [complement(11937..12349)], atpF [complement(13040..13184)], rpoC1 [complement(21233..22846)], rpoC1 [complement(23584..24015)], ycf3 [complement(43493..43645)], ycf3 [complement(44396..44626)], ycf3 [complement(45351..45476)], trnL-UAA [48473..48507], trnL-UAA [49005..49054], trnV-UAC [complement(52952..52986)], trnV-UAC [complement(53558..53595)], rps12 [141367..141598], rps12	trnK-UUU [complement(1864..4374)], rps16 [complement(5301..6155)], trnG-UCC [9210..9912], atpF [complement(12350..13039)], rpoC1 [complement(22847..23583)], ycf3 [complement(43646..44395)], ycf3 [complement(44627..45350)], trnL-UAA [48508..49004], trnV-UAC [complement(52987..53557)], petB [76911..77657], petD [78502..79240], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142135..142160], petB [76905..76910], petB [77658..78299], petD [78494..78501], petD [79241..79715], rpl16 [complement(83019..83414)], rpl16 [complement(84429..84437)], rpl2 [complement(86090..86523)], rpl2 [complement(87190..87580)], ndhB [complement(96289..97044)], ndhB [complement(97724..98500)], trnI-GAU [103812..103848], trnI-GAU [104571..104605], trnA-UGC [104670..104707], trnA-UGC [105519..105553], ndhA [complement(121170..121708)], ndhA [complement(122867..123419)], trnA-UGC [complement(135914..135948)], trnA-UGC [complement(136760..136797)], trnI-GAU [complement(136862..136896)], trnI-GAU [complement(137619..137655)], ndhB [142967..143743], ndhB [144423..145178], rpl2 [153887..154277], rpl2 [154944..155377]	[complement(83415..84428)], rpl2 [complement(86524..87189)], ndhB [complement(97045..97723)], trnI-GAU [103849..104570], trnA-UGC [104708..105518], ndhA [complement(121709..122866)], trnA-UGC [complement(135949..136759)], trnI-GAU [complement(136897..137618)], ndhB [143744..144422], rpl2 [154278..154943]
3339.	SOMR	67	rps12 [complement(99284..99309)], rps12 [complement(99846..100077)], rps12 [complement(71679..71792)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4376..4412)], rps16 [complement(5075..5301)], rps16 [complement(6157..6196)], trnG-UCC [9142..9164], trnG-UCC [9866..9902], atpF [complement(11899..12311)], atpF [complement(13002..13146)], rpoC1 [complement(21203..22816)], rpoC1 [complement(23554..23985)], ycf3 [complement(43461..43613)], ycf3 [complement(44364..44594)], ycf3 [complement(45319..45444)], trnL-UAA [48440..48474], trnL-UAA [48972..49021], trnV-UAC [complement(52919..52953)], trnV-UAC [complement(53525..53562)], rps12 [141346..141577], rps12 [142114..142139], petB [76882..76887], petB [77635..78276], petD [78471..78478], petD [79218..79692], rpl16 [complement(82996..83391)], rpl16 [complement(84406..84414)], rpl2 [complement(86067..86500)], rpl2 [complement(87167..87557)], ndhB [complement(96266..97021)], ndhB [complement(97701..98477)], trnI-GAU [103789..103825], trnI-GAU [104548..104582], trnA-UGC [104647..104684], trnA-UGC [105496..105530], ndhA [complement(121149..121687)], ndhA [complement(122846..123398)], trnA-UGC [complement(135893..135927)], trnA-UGC [complement(136739..136776)], trnI-GAU [complement(136841..136875)], trnI-GAU [complement(137598..137634)], ndhB [142946..143722], ndhB [144402..145157], rpl2 [153866..154256], rpl2 [154923..155356]	trnK-UUU [complement(1864..4375)], rps16 [complement(5302..6156)], trnG-UCC [9165..9865], atpF [complement(12312..13001)], rpoC1 [complement(22817..23553)], ycf3 [complement(43614..44363)], ycf3 [complement(44595..45318)], trnL-UAA [48475..48971], trnV-UAC [complement(52954..53524)], petB [76888..77634], petD [78479..79217], rpl16 [complement(83392..84405)], rpl2 [complement(86501..87166)], ndhB [complement(97022..97700)], trnI-GAU [103826..104547], trnA-UGC [104685..105495], ndhA [complement(121688..122845)], trnA-UGC [complement(135928..136738)], trnI-GAU [complement(136876..137597)], ndhB [143723..144401], rpl2 [154257..154922]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3340.	SOM U	67	rps12 [complement(99309..99334)], rps12 [complement(99871..100102)], rps12 [complement(71705..71818)], trnK-UUU [complement(1832..1866)], trnK-UUU [complement(4368..4404)], rps16 [complement(5066..5292)], rps16 [complement(6148..6187)], trnG-UCC [9179..9201], trnG-UCC [9903..9939], atpF [complement(11936..12348)], atpF [complement(13039..13183)], rpoC1 [complement(21240..22853)], rpoC1 [complement(23591..24022)], ycf3 [complement(43492..43644)], ycf3 [complement(44395..44625)], ycf3 [complement(45350..45475)], trnL-UAA [48471..48505], trnL-UAA [49003..49052], trnV-UAC [complement(52950..52984)], trnV-UAC [complement(53557..53594)], rps12 [141368..141599], rps12 [142136..142161], petB [76906..76911], petB [77659..78300], petD [78495..78502], petD [79242..79716], rpl16 [complement(83021..83416)], rpl16 [complement(84431..84439)], rpl2 [complement(86092..86525)], rpl2 [complement(87192..87582)], ndhB [complement(96291..97046)], ndhB [complement(97726..98502)], trnI-GAU [103814..103850], trnI-GAU [104573..104607], trnA-UGC [104672..104709], trnA-UGC [105521..105555], ndhA [complement(121171..121709)], ndhA [complement(122868..123420)], trnA-UGC [complement(135915..135949)], trnA-UGC [complement(136761..136798)], trnI-GAU [complement(136863..136897)], trnI-GAU [complement(137620..137656)], ndhB [142968..143744], ndhB [144424..145179], rpl2 [153888..154278], rpl2 [154945..155378]	trnK-UUU [complement(1867..4367)], rps16 [complement(5293..6147)], trnG-UCC [9202..9902], atpF [complement(12349..13038)], rpoC1 [complement(22854..23590)], ycf3 [complement(43645..44394)], ycf3 [complement(44626..45349)], trnL-UAA [48506..49002], trnV-UAC [complement(52985..53556)], petB [76912..77658], petD [78503..79241], rpl16 [complement(83417..84430)], rpl2 [complement(86526..87191)], ndhB [complement(97047..97725)], trnI-GAU [103851..104572], trnA-UGC [104710..105520], ndhA [complement(121710..122867)], trnA-UGC [complement(135950..136760)], trnI-GAU [complement(136898..137619)], ndhB [143745..144423], rpl2 [154279..154944]
3341.	SONE	40	trnK-UUU [complement(1800..1834)], trnK-UUU [complement(4350..4386)], trnG-GCC [9096..9118], trnG-GCC [9815..9862], trnL-UAA [48369..48403], trnL-UAA [48901..48950], trnV-UAC [complement(52885..52919)], trnV-UAC [complement(53491..53528)], rps12 [142124..142149], trnI-GAU [103802..103838], trnI-GAU [104561..104595], trnA-UGC [104660..104697], trnA-UGC [105509..105543], trnA-UGC [complement(135882..135916)], trnA-UGC [complement(136728..136765)], trnI-GAU [complement(136830..136864)], trnI-GAU [complement(137587..137623)]	trnK-UUU [complement(1835..4349)], rps16 [complement(5146..6009)], trnG-GCC [9119..9814], atpF [complement(12227..12912)], rpoC1 [complement(22711..23447)], ycf3 [complement(43504..44253)], ycf3 [complement(44484..45210)], trnL-UAA [48404..48900], trnV-UAC [complement(52920..53490)], clpP [complement(72169..72785)], clpP [complement(73078..73871)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[76898..77644], petD [78489..79226], rpl16 [complement(83389..84410)], rpl2 [complement(86506..87171)], ndhB [complement(97014..97692)], trnI-GAU [103839..104560], trnA-UGC [104698..105508], ndhA [complement(121698..122831)], trnA-UGC [complement(135917..136727)], trnI-GAU [complement(136865..137586)], ndhB [143733..144411], rpl2 [154254..154919]
3342.	SONI	70	rps12 [complement(99169..99191)], rps12 [complement(99731..99962)], rps12 [complement(71599..71712)], trnK-UUU [complement(1841..1875)], trnK-UUU [complement(4369..4405)], rps16 [complement(5071..5297)], rps16 [complement(6153..6192)], trnG-UCC [9156..9178], trnG-UCC [9878..9925], atpF [complement(11872..12281)], atpF [complement(12990..13134)], rpoC1 [complement(21171..22784)], rpoC1 [complement(23520..23972)], ycf3 [complement(43848..44000)], ycf3 [complement(44751..44980)], ycf3 [complement(45715..45838)], trnL-UAA [48548..48584], trnL-UAA [49072..49121], trnV-UAC [complement(53032..53068)], trnV-UAC [complement(53640..53677)], clpP [complement(71845..72078)], clpP [complement(72685..72976)], clpP [complement(73783..73853)], petB [76799..76804], petB [77552..78193], petD [78388..78395], petD [79143..79617], rpl16 [complement(82850..83245)], rpl16 [complement(84266..84274)], rpl2 [complement(85928..86361)], rpl2 [complement(87028..87418)], ndhB [complement(96150..96905)], ndhB [complement(97585..98361)], trnI-GAU [103692..103733], trnI-GAU [104451..104485], trnA-UGC [104550..104587], trnA-UGC [105399..105433], ndhA [complement(121044..121582)], ndhA [complement(122752..123304)], trnA-UGC [complement(135810..135844)], trnA-UGC [complement(136656..136693)], trnI-GAU [complement(136758..136792)], trnI-GAU [complement(137510..137551)], ndhB [142882..143658], ndhB [144338..145093], rpl2 [153825..154215], rpl2 [154882..155315]	trnK-UUU [complement(1876..4368)], rps16 [complement(5298..6152)], trnG-UCC [9179..9877], atpF [complement(12282..12989)], rpoC1 [complement(22785..23519)], ycf3 [complement(44001..44750)], ycf3 [complement(44981..45714)], trnL-UAA [48585..49071], trnV-UAC [complement(53069..53639)], clpP [complement(72079..72684)], clpP [complement(72977..73782)], petB [76805..77551], petD [78396..79142], rpl16 [complement(83246..84265)], rpl2 [complement(86362..87027)], ndhB [complement(96906..97584)], trnI-GAU [103734..104450], trnA-UGC [104588..105398], ndhA [complement(121583..122751)], trnA-UGC [complement(135845..136655)], trnI-GAU [complement(136793..137509)], ndhB [143659..144337], rpl2 [154216..154881]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3343.	SONU	64	rps12 [complement(92874..92902)], rps12 [complement(93443..93674)], rps12 [complement(69780..69893)], trnK-UUU [complement(1386..1418)], trnK-UUU [complement(3907..3944)], rps16 [complement(4498..4715)], rps16 [complement(5570..5609)], trnG-UCC [complement(13595..13642)], trnG-UCC [complement(14341..14363)], atpF [35492..35650], atpF [36467..36874], ycf3 [complement(44620..44778)], ycf3 [complement(45510..45737)], ycf3 [complement(46465..46596)], trnL [49387..49421], trnL [49875..49924], trnV-UAC [complement(53673..53709)], trnV-UAC [complement(54312..54350)], rps12 [130295..130526], rps12 [131067..131095], petB [73670..73675], petB [74435..75082], petD [75265..75272], petD [76013..76487], rpl16 [complement(80050..80451)], rpl16 [complement(81537..81545)], rpl2 [complement(83490..83921)], rpl2 [complement(84585..84974)], ndhB [complement(89806..90561)], ndhB [complement(91266..92042)], trnI-GAU [97532..97573], trnI-GAU [98520..98554], trnA-UGC [98620..98657], trnA-UGC [99468..99502], ndhA [complement(114975..115514)], ndhA [complement(116526..117074)], trnA-UGC [complement(124467..124501)], trnA-UGC [complement(125312..125349)], trnI-GAU [complement(125415..125449)], trnI-GAU [complement(126396..126437)], ndhB [131927..132703], ndhB [133408..134163], rpl2 [138995..139384], rpl2 [140048..140479]	trnK-UUU [complement(1419..3906)], rps16 [complement(4716..5569)], trnG-UCC [complement(13643..14340)], atpF [35651..36466], ycf3 [complement(44779..45509)], ycf3 [complement(45738..46464)], trnL [49422..49874], trnV-UAC [complement(53710..54311)], petB [73676..74434], petD [75273..76012], rpl16 [complement(80452..81536)], rpl2 [complement(83922..84584)], ndhB [complement(90562..91265)], trnI-GAU [97574..98519], trnA-UGC [98658..99467], ndhA [complement(115515..116525)], trnA-UGC [complement(124502..125311)], trnI-GAU [complement(125450..126395)], ndhB [132704..133407], rpl2 [139385..140047]
3344.	SOPA	67	rps12 [complement(99393..99418)], rps12 [complement(99955..100186)], rps12 [complement(71793..71906)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4369..4405)], rps16 [complement(5067..5293)], rps16 [complement(6149..6188)], trnG-UCC [9189..9211], trnG-UCC [9914..9950], atpF [complement(11913..12325)], atpF [complement(13016..13160)], rpoC1 [complement(21234..22847)], rpoC1 [complement(23585..24016)], ycf3 [complement(43500..43652)], ycf3 [complement(44402..44632)], ycf3 [complement(45358..45483)], trnL-UAA [48515..48549], trnL-UAA [49047..49096], trnV-UAC [complement(52971..53005)], trnV-UAC [complement(53577..53614)], rps12 [141468..141699], rps12 [142236..142261], petB [77003..77008], petB [77756..78397], petD [78592..78599], petD [79339..79813], rpl16 [complement(83106..83501)],	trnK-UUU [complement(1858..4368)], rps16 [complement(5294..6148)], trnG-UCC [9212..9913], atpF [complement(12326..13015)], rpoC1 [complement(22848..23584)], ycf3 [complement(43653..44401)], ycf3 [complement(44633..45357)], trnL-UAA [48550..49046], trnV-UAC [complement(53006..53576)], petB [77009..77755], petD [78600..79338], rpl16 [complement(83502..84515)], rpl2 [complement(86610..87275)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(84516..84524)], rpl2 [complement(86176..86609)], rpl2 [complement(87276..87666)], ndhB [complement(96375..97130)], ndhB [complement(97810..98586)], trnI-GAU [103898..103934], trnI-GAU [104657..104691], trnA-UGC [104756..104793], trnA-UGC [105605..105639], ndhA [complement(121276..121814)], ndhA [complement(122973..123525)], trnA-UGC [complement(136015..136049)], trnA-UGC [complement(136861..136898)], trnI-GAU [complement(136963..136997)], trnI-GAU [complement(137720..137756)], ndhB [143068..143844], ndhB [144524..145279], rpl2 [153988..154378], rpl2 [155045..155478]	[complement(97131..97809)], trnI-GAU [103935..104656], trnA-UGC [104794..105604], ndhA [complement(121815..122972)], trnA-UGC [complement(136050..136860)], trnI-GAU [complement(136998..137719)], ndhB [143845..144523], rpl2 [154379..155044]
3345.	SOPE	40	trnK-UUU [complement(1816..1850)], trnK-UUU [complement(4364..4400)], trnG-GCC [9102..9124], trnG-GCC [9817..9864], trnL-UAA [48367..48401], trnL-UAA [48899..48948], trnV-UAC [complement(52883..52917)], trnV-UAC [complement(53489..53526)], rps12 [142173..142198], trnI-GAU [103796..103832], trnI-GAU [104555..104589], trnA-UGC [104654..104691], trnA-UGC [105503..105537], trnA-UGC [complement(135931..135965)], trnA-UGC [complement(136777..136814)], trnI-GAU [complement(136879..136913)], trnI-GAU [complement(137636..137672)]	trnK-UUU [complement(1851..4363)], rps16 [complement(5162..6025)], trnG-GCC [9125..9816], atpF [complement(12231..12916)], rpoC1 [complement(22715..23451)], ycf3 [complement(43503..44252)], ycf3 [complement(44483..45209)], trnL-UAA [48402..48898], trnV-UAC [complement(52918..53488)], clpP [complement(72162..72777)], clpP [complement(73070..73866)], petB [76893..77639], petD [78484..79221], rpl16 [complement(83384..84405)], rpl2 [complement(86500..87165)], ndhB [complement(97008..97686)], trnI-GAU [103833..104554], trnA-UGC [104692..105502], ndhA [complement(121726..122864)], trnA-UGC [complement(135966..136776)], trnI-GAU [complement(136914..137635)], ndhB [143782..144460], rpl2 [154303..154968]
3346.	SOPH	67	rps12 [complement(99284..99309)], rps12 [complement(99846..100077)], rps12 [complement(71679..71792)], trnK-UUU [complement(1829..1863)],	trnK-UUU [complement(1864..4375)], rps16 [complement(5302..6156)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4376..4412)], rps16 [complement(5075..5301)], rps16 [complement(6157..6196)], trnG-UCC [9142..9164], trnG-UCC [9866..9902], atpF [complement(11899..12311)], atpF [complement(13002..13146)], rpoC1 [complement(21203..22816)], rpoC1 [complement(23554..23985)], ycf3 [complement(43461..43613)], ycf3 [complement(44364..44594)], ycf3 [complement(45319..45444)], trnL-UAA [48440..48474], trnL-UAA [48972..49021], trnV-UAC [complement(52919..52953)], trnV-UAC [complement(53525..53562)], rps12 [141346..141577], rps12 [142114..142139], petB [76882..76887], petB [77635..78276], petD [78471..78478], petD [79218..79692], rpl16 [complement(82996..83391)], rpl16 [complement(84406..84414)], rpl2 [complement(86067..86500)], rpl2 [complement(87167..87557)], ndhB [complement(96266..97021)], ndhB [complement(97701..98477)], trnI-GAU [103789..103825], trnI-GAU [104548..104582], trnA-UGC [104647..104684], trnA-UGC [105496..105530], ndhA [complement(121149..121687)], ndhA [complement(122846..123398)], trnA-UGC [complement(135893..135927)], trnA-UGC [complement(136739..136776)], trnI-GAU [complement(136841..136875)], trnI-GAU [complement(137598..137634)], ndhB [142946..143722], ndhB [144402..145157], rpl2 [153866..154256], rpl2 [154923..155356]	[9165..9865], atpF [complement(12312..13001)], rpoC1 [complement(22817..23553)], ycf3 [complement(43614..44363)], ycf3 [complement(44595..45318)], trnL-UAA [48475..48971], trnV-UAC [complement(52954..53524)], petB [76888..77634], petD [78479..79217], rpl16 [complement(83392..84405)], rpl2 [complement(86501..87166)], ndhB [complement(97022..97700)], trnI-GAU [103826..104547], trnA-UGC [104685..105495], ndhA [complement(121688..122845)], trnA-UGC [complement(135928..136738)], trnI-GAU [complement(136876..137597)], ndhB [143723..144401], rpl2 [154257..154922]
3347.	SOPI	40	trnK-UUU [complement(1810..1844)], trnK-UUU [complement(4358..4394)], trnG-GCC [9078..9100], trnG-GCC [9796..9843], trnL-UAA [48363..48397], trnL-UAA [48895..48944], trnV-UAC [complement(52839..52873)], trnV-UAC [complement(53445..53482)], rps12 [142054..142079], trnI-GAU [103746..103782], trnI-GAU [104505..104539], trnA-UGC [104604..104641], trnA-UGC [105453..105487], trnA-UGC [complement(135812..135846)], trnA-UGC [complement(136658..136695)], trnI-GAU [complement(136760..136794)], trnI-GAU [complement(137517..137553)]	trnK-UUU [complement(1845..4357)], rps16 [complement(5157..6020)], trnG-GCC [9101..9795], atpF [complement(12207..12892)], rpoC1 [complement(22689..23425)], ycf3 [complement(43486..44235)], ycf3 [complement(44466..45194)], trnL-UAA [48398..48894], trnV-UAC [complement(52874..53444)], clpP [complement(72100..72716)], clpP [complement(73009..73806)], petB [76831..77577], petD [78422..79159], rpl16 [complement(83322..84338)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(86450..87115)], ndhB [complement(96958..97636)], trnI-GAU [103783..104504], trnA-UGC [104642..105452], ndhA [complement(121629..122761)], trnA-UGC [complement(135847..136657)], trnI-GAU [complement(136795..137516)], ndhB [143663..144341], rpl2 [154184..154849]
3348.	SOPL	67	rps12 [complement(99036..99061)], rps12 [complement(99598..99829)], rps12 [complement(71397..71510)], trnK-UUU [complement(1833..1867)], trnK-UUU [complement(4385..4421)], rps16 [complement(5086..5312)], rps16 [complement(6168..6207)], trnG-UCC [9240..9262], trnG-UCC [9971..10007], atpF [complement(11969..12381)], atpF [complement(13095..13239)], rpoC1 [complement(21301..22914)], rpoC1 [complement(23652..24083)], ycf3 [complement(43549..43701)], ycf3 [complement(44451..44681)], ycf3 [complement(45408..45533)], trnL-UAA [48551..48585], trnL-UAA [49083..49132], trnV-UAC [complement(53022..53056)], trnV-UAC [complement(53628..53665)], rps12 [141109..141340], rps12 [141877..141902], petB [76633..76638], petB [77386..78027], petD [78231..78238], petD [78978..79452], rpl16 [complement(82746..83141)], rpl16 [complement(84156..84164)], rpl2 [complement(85819..86252)], rpl2 [complement(86919..87309)], ndhB [complement(96018..96773)], ndhB [complement(97453..98229)], trnI-GAU [103541..103577], trnI-GAU [104300..104334], trnA-UGC [104399..104436], trnA-UGC [105248..105282], ndhA [complement(120918..121456)], ndhA [complement(122620..123172)], trnA-UGC [complement(135656..135690)], trnA-UGC [complement(136502..136539)], trnI-GAU [complement(136604..136638)], trnI-GAU [complement(137361..137397)], ndhB [142709..143485], ndhB [144165..144920], rpl2 [153629..154019], rpl2 [154686..155119]	trnK-UUU [complement(1868..4384)], rps16 [complement(5313..6167)], trnG-UCC [9263..9970], atpF [complement(12382..13094)], rpoC1 [complement(22915..23651)], ycf3 [complement(43702..44450)], ycf3 [complement(44682..45407)], trnL-UAA [48586..49082], trnV-UAC [complement(53057..53627)], petB [76639..77385], petD [78239..78977], rpl16 [complement(83142..84155)], rpl2 [complement(86253..86918)], ndhB [complement(96774..97452)], trnI-GAU [103578..104299], trnA-UGC [104437..105247], ndhA [complement(121457..122619)], trnA-UGC [complement(135691..136501)], trnI-GAU [complement(136639..137360)], ndhB [143486..144164], rpl2 [154020..154685]
3349.	SOPM	67	rps12 [complement(99312..99337)], rps12 [complement(99874..100105)], rps12 [complement(71699..71812)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4374..4410)], rps16 [complement(5073..5299)], rps16	trnK-UUU [complement(1862..4373)], rps16 [complement(5300..6154)], trnG-UCC [9210..9911], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6155..6194)], trnG-UCC [9187..9209], trnG-UCC [9912..9948], atpF [complement(11936..12348)], atpF [complement(13039..13183)], rpoC1 [complement(21231..22844)], rpoC1 [complement(23582..24013)], ycf3 [complement(43486..43638)], ycf3 [complement(44389..44619)], ycf3 [complement(45344..45469)], trnL-UAA [48466..48500], trnL-UAA [48998..49047], trnV-UAC [complement(52945..52979)], trnV-UAC [complement(53551..53588)], rps12 [141373..141604], rps12 [142141..142166], petB [76894..76899], petB [77647..78288], petD [78483..78490], petD [79230..79704], rpl16 [complement(83006..83401)], rpl16 [complement(84416..84424)], rpl2 [complement(86095..86528)], rpl2 [complement(87195..87585)], ndhB [complement(96294..97049)], ndhB [complement(97729..98505)], trnI-GAU [103817..103853], trnI-GAU [104576..104610], trnA-UGC [104675..104712], trnA-UGC [105524..105558], ndhA [complement(121176..121714)], ndhA [complement(122873..123425)], trnA-UGC [complement(135920..135954)], trnA-UGC [complement(136766..136803)], trnI-GAU [complement(136868..136902)], trnI-GAU [complement(137625..137661)], ndhB [142973..143749], ndhB [144429..145184], rpl2 [153893..154283], rpl2 [154950..155383]	[complement(12349..13038)], rpoC1 [complement(22845..23581)], ycf3 [complement(43639..44388)], ycf3 [complement(44620..45343)], trnL-UAA [48501..48997], trnV-UAC [complement(52980..53550)], petB [76900..77646], petD [78491..79229], rpl16 [complement(83402..84415)], rpl2 [complement(86529..87194)], ndhB [complement(97050..97728)], trnI-GAU [103854..104575], trnA-UGC [104713..105523], ndhA [complement(121715..122872)], trnA-UGC [complement(135955..136765)], trnI-GAU [complement(136903..137624)], ndhB [143750..144428], rpl2 [154284..154949]
3350.	SOPN	41	rps12 [complement(71458..71571)], trnK-UUU [complement(1799..1833)], trnK-UUU [complement(4346..4382)], trnG-GCC [8868..8890], trnG-GCC [9596..9632], trnL-UAA [48139..48175], trnL-UAA [48671..48720], trnV-UAC [complement(52656..52692)], trnV-UAC [complement(53262..53299)], rps12 [141865..141890], trnI-GAU [103571..103612], trnI-GAU [104330..104364], trnA-UGC [104429..104466], trnA-UGC [105278..105312], trnA [135623..135657], trnA [136469..136506], trnI-GAU [136571..136605], trnI-GAU [137323..137364]	trnK-UUU [complement(1834..4345)], rps16 [complement(5143..6006)], trnG-GCC [8891..9595], atpF [complement(11998..12683)], rpoC1 [complement(22482..23218)], ycf3 [complement(43272..44021)], ycf3 [complement(44252..44978)], trnL-UAA [48176..48670], trnV-UAC [complement(52693..53261)], clpP [complement(71938..72554)], clpP [complement(72847..73641)], petB [76667..77413], petD [78256..78993], rpl16 [complement(83158..84179)], rpl2 [complement(86276..86941)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(96783..97461)], trnI-GAU [103613..104329], trnA-UGC [104467..105277], ndhA [complement(121446..122573)], trnA [135658..136468], trnI-GAU [136606..137322], ndhB [143474..144152], rpl2 [153994..154659]
3351.	SOPO	2	rps12 [complement(71704..71817)], rps12 [142058..142083]	-
3352.	SOPR	64	rps12 [complement(92528..92556)], rps12 [complement(93097..93328)], rps12 [complement(69490..69603)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3911..3948)], rps16 [complement(4488..4705)], rps16 [complement(5546..5585)], trnG-UCC [complement(13524..13571)], trnG-UCC [complement(14270..14292)], atpF [35186..35329], atpF [36162..36569], ycf3 [complement(44309..44467)], ycf3 [complement(45198..45425)], ycf3 [complement(46190..46315)], trnL-UAA [49071..49105], trnL-UAA [49555..49604], trnV-UAC [complement(53234..53270)], trnV-UAC [complement(53873..53911)], rps12 [129887..130118], rps12 [130659..130687], petB [73345..73350], petB [74052..74750], petD [74933..74940], petD [75681..76155], rpl16 [complement(79713..80114)], rpl16 [complement(81182..81190)], rpl2 [complement(83150..83581)], rpl2 [complement(84251..84634)], ndhB [complement(89461..90216)], ndhB [complement(90921..91697)], trnI-GAU [97191..97232], trnI-GAU [98180..98214], trnA-UGC [98280..98317], trnA-UGC [99128..99162], ndhA [complement(114568..115107)], ndhA [complement(116130..116678)], trnA-UGC [complement(124053..124087)], trnA-UGC [complement(124898..124935)], trnI-GAU [complement(125001..125035)], trnI-GAU [complement(125983..126024)], ndhB [131518..132294], ndhB [132999..133754], rpl2 [138581..138964], rpl2 [139634..140065]	trnK-UUU [complement(1412..3910)], rps16 [complement(4706..5545)], trnG-UCC [complement(13572..14269)], atpF [35330..36161], ycf3 [complement(44468..45197)], ycf3 [complement(45426..46189)], trnL-UAA [49106..49554], trnV-UAC [complement(53271..53872)], petB [73351..74051], petD [74941..75680], rpl16 [complement(80115..81181)], rpl2 [complement(83582..84250)], ndhB [complement(90217..90920)], trnI-GAU [97233..98179], trnA-UGC [98318..99127], ndhA [complement(115108..116129)], trnA-UGC [complement(124088..124897)], trnI-GAU [complement(125036..125982)], ndhB [132295..132998], rpl2 [138965..139633]
3353.	SOPS	67	rps12 [complement(99113..99138)], rps12 [complement(99675..99906)], rps12 [complement(71511..71624)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4340..4376)], rps16 [complement(5039..5265)], rps16 [complement(6121..6160)], trnG-UCC [8958..8980], trnG-UCC [9683..9719],	trnK-UUU [complement(1861..4339)], rps16 [complement(5266..6120)], trnG-UCC [8981..9682], atpF [complement(12084..12773)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(11671..12083)], atpF [complement(12774..12918)], rpoC1 [complement(20961..22574)], rpoC1 [complement(23312..23743)], ycf3 [complement(43610..43762)], ycf3 [complement(44513..44743)], ycf3 [complement(45468..45593)], trnL-UAA [48567..48601], trnL-UAA [49100..49149], trnV-UAC [complement(52995..53029)], trnV-UAC [complement(53603..53640)], rps12 [141154..141385], rps12 [141922..141947], petB [76729..76734], petB [77482..78123], petD [78318..78325], petD [79065..79539], rpl16 [complement(82824..83219)], rpl16 [complement(84234..84242)], rpl2 [complement(85896..86329)], rpl2 [complement(86996..87386)], ndhB [complement(96095..96850)], ndhB [complement(97530..98306)], trnI-GAU [103629..103665], trnI-GAU [104388..104422], trnA-UGC [104487..104524], trnA-UGC [105336..105370], ndhA [complement(120961..121499)], ndhA [complement(122651..123203)], trnA-UGC [complement(135690..135724)], trnA-UGC [complement(136536..136573)], trnI-GAU [complement(136638..136672)], trnI-GAU [complement(137395..137431)], ndhB [142754..143530], ndhB [144210..144965], rpl2 [153674..154064], rpl2 [154731..155164]	[complement(22575..23311)], ycf3 [complement(43763..44512)], ycf3 [complement(44744..45467)], trnL-UAA [48602..49099], trnV-UAC [complement(53030..53602)], petB [76735..77481], petD [78326..79064], rpl16 [complement(83220..84233)], rpl2 [complement(86330..86995)], ndhB [complement(96851..97529)], trnI-GAU [103666..104387], trnA-UGC [104525..105335], ndhA [complement(121500..122650)], trnA-UGC [complement(135725..136535)], trnI-GAU [complement(136673..137394)], ndhB [143531..144209], rpl2 [154065..154730]
3354.	SOPU	67	rps12 [complement(99166..99191)], rps12 [complement(99718..99949)], rps12 [complement(71547..71660)], trnK-UUU [complement(1826..1860)], trnK-UUU [complement(4363..4399)], rps16 [complement(4934..5160)], rps16 [complement(6016..6055)], trnG-UCC [9054..9076], trnG-UCC [9778..9814], atpF [complement(11805..12217)], atpF [complement(12907..13051)], rpoC1 [complement(21105..22718)], rpoC1 [complement(23456..23887)], ycf3 [complement(43351..43503)], ycf3 [complement(44254..44484)], ycf3 [complement(45209..45334)], trnL-UAA [48331..48365], trnL-UAA [48863..48912], trnV-UAC [complement(52811..52845)], trnV-UAC [complement(53418..53455)], rps12 [141210..141441], rps12 [141968..141993], petB [76740..76745], petB [77493..78134], petD [78329..78336], petD [79076..79550], rpl16 [complement(82856..83251)], rpl16 [complement(84265..84273)], rpl2 [complement(85926..86359)], rpl2 [complement(87026..87416)], ndhB [complement(96148..96903)], ndhB [complement(97583..98359)], trnI-GAU [103661..103697], trnI-GAU	trnK-UUU [complement(1861..4362)], rps16 [complement(5161..6015)], trnG-UCC [9077..9777], atpF [complement(12218..12906)], rpoC1 [complement(22719..23455)], ycf3 [complement(43504..44253)], ycf3 [complement(44485..45208)], trnL-UAA [48366..48862], trnV-UAC [complement(52846..53417)], petB [76746..77492], petD [78337..79075], rpl16 [complement(83252..84264)], rpl2 [complement(86360..87025)], ndhB [complement(96904..97582)], trnI-GAU [103698..104419], trnA-UGC [104557..105367], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[104420..104454], trnA-UGC [104519..104556], trnA-UGC [105368..105402], ndhA [complement(121025..121563)], ndhA [complement(122722..123274)], trnA-UGC [complement(135757..135791)], trnA-UGC [complement(136603..136640)], trnI-GAU [complement(136705..136739)], trnI-GAU [complement(137462..137498)], ndhB [142800..143576], ndhB [144256..145011], rpl2 [153743..154133], rpl2 [154800..155233]	[complement(121564..122721)], trnA-UGC [complement(135792..136602)], trnI-GAU [complement(136740..137461)], ndhB [143577..144255], rpl2 [154134..154799]
3355.	SORI	2	rps12 [complement(71769..71882)], rps12 [141826..141851]	-
3356.	SOSA	67	rps12 [complement(99272..99297)], rps12 [complement(99834..100065)], rps12 [complement(71661..71774)], trnK-UUU [complement(1825..1859)], trnK-UUU [complement(4373..4409)], rps16 [complement(5073..5299)], rps16 [complement(6155..6194)], trnG-UCC [9173..9195], trnG-UCC [9899..9935], atpF [complement(11890..12302)], atpF [complement(12993..13137)], rpoC1 [complement(21191..22804)], rpoC1 [complement(23542..23973)], ycf3 [complement(43446..43598)], ycf3 [complement(44349..44579)], ycf3 [complement(45304..45429)], trnL-UAA [48428..48462], trnL-UAA [48960..49009], trnV-UAC [complement(52908..52942)], trnV-UAC [complement(53514..53551)], rps12 [141322..141553], rps12 [142090..142115], petB [76861..76866], petB [77620..78261], petD [78456..78463], petD [79203..79677], rpl16 [complement(82982..83377)], rpl16 [complement(84393..84401)], rpl2 [complement(86055..86488)], rpl2 [complement(87155..87545)], ndhB [complement(96254..97009)], ndhB [complement(97689..98465)], trnI-GAU [103777..103813], trnI-GAU [104536..104570], trnA-UGC [104635..104672], trnA-UGC [105484..105518], ndhA [complement(121125..121663)], ndhA [complement(122822..123374)], trnA-UGC [complement(135869..135903)], trnA-UGC [complement(136715..136752)], trnI-GAU [complement(136817..136851)], trnI-GAU [complement(137574..137610)], ndhB [142922..143698], ndhB [144378..145133], rpl2 [153842..154232], rpl2 [154899..155332]	trnK-UUU [complement(1860..4372)], rps16 [complement(5300..6154)], trnG-UCC [9196..9898], atpF [complement(12303..12992)], rpoC1 [complement(22805..23541)], ycf3 [complement(43599..44348)], ycf3 [complement(44580..45303)], trnL-UAA [48463..48959], trnV-UAC [complement(52943..53513)], petB [76867..77619], petD [78464..79202], rpl16 [complement(83378..84392)], rpl2 [complement(86489..87154)], ndhB [complement(97010..97688)], trnI-GAU [103814..104535], trnA-UGC [104673..105483], ndhA [complement(121664..122821)], trnA-UGC [complement(135904..136714)], trnI-GAU [complement(136852..137573)], ndhB [143699..144377], rpl2 [154233..154898]
3357.	SOSD	64	rps12 [complement(92643..92671)], rps12 [complement(93212..93443)], rps12 [complement(69601..69714)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3910..3947)], rps16 [complement(4487..4704)], rps16 [complement(5545..5584)], trnG-UCC [complement(13524..13571)], trnG-	trnK-UUU [complement(1412..3909)], rps16 [complement(4705..5544)], trnG-UCC [complement(13572..14269)], atpF [35463..36301], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(14270..14292)], atpF [35319..35462], atpF [36302..36709], ycf3 [complement(44449..44607)], ycf3 [complement(45338..45565)], ycf3 [complement(46330..46455)], trnL-UAA [49211..49245], trnL-UAA [49695..49744], trnV-UAC [complement(53373..53409)], trnV-UAC [complement(54012..54050)], rps12 [129999..130230], rps12 [130771..130799], petB [73456..73461], petB [74163..74861], petD [75044..75051], petD [75792..76266], rpl16 [complement(79824..80225)], rpl16 [complement(81296..81304)], rpl2 [complement(83264..83695)], rpl2 [complement(84365..84748)], ndhB [complement(89575..90330)], ndhB [complement(91035..91811)], trnI-GAU [97306..97347], trnI-GAU [98295..98329], trnA-UGC [98395..98432], trnA-UGC [99243..99277], ndhA [complement(114680..115219)], ndhA [complement(116242..116790)], trnA-UGC [complement(124165..124199)], trnA-UGC [complement(125010..125047)], trnI-GAU [complement(125113..125147)], trnI-GAU [complement(126095..126136)], ndhB [131631..132407], ndhB [133112..133867], rpl2 [138694..139077], rpl2 [139747..140178]	[complement(44608..45337)], ycf3 [complement(45566..46329)], trnL-UAA [49246..49694], trnV-UAC [complement(53410..54011)], petB [73462..74162], petD [75052..75791], rpl16 [complement(80226..81295)], rpl2 [complement(83696..84364)], ndhB [complement(90331..91034)], trnI-GAU [97348..98294], trnA-UGC [98433..99242], ndhA [complement(115220..116241)], trnA-UGC [complement(124200..125009)], trnI-GAU [complement(125148..126094)], ndhB [132408..133111], rpl2 [139078..139746]
3358.	SOSE	28	rps12 [complement(96444..96686)], rps12 [complement(68371..68484)], trnK-UUU [complement(1770..1799)], trnK-UUU [complement(4333..4369)], ycf3 [complement(42551..42780)], rps12 [137057..137299]	trnK-UUU [complement(1800..4332)], rps16 [complement(5416..6283)], rpoC1 [16103..16834], atpF [26563..27276], trnG-UCC [complement(29759..30486)], ycf3 [complement(41817..42550)], ycf3 [complement(42781..43468)], trnL-UAA [46552..46996], trnV-UAC [complement(50925..51497)], clpP [complement(68874..69500)], clpP [complement(69792..70622)], petB [73655..74415], petD [75246..75920], rpl2 [complement(83508..84139)], ndhB [complement(93631..94300)], trnI-GAU [100657..101430], trnA-UGC [101568..102378], ndhA [114707..115741], trnA-UGC [complement(131365..132175)],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				trnI-GAU [complement(132313..133086)], ndhB [139443..140112], rpl2 [149605..150236]
3359.	SOSN	67	rps12 [complement(99371..99396)], rps12 [complement(99933..100164)], rps12 [complement(71770..71883)], trnK-UUU [complement(1824..1858)], trnK-UUU [complement(4370..4406)], rps16 [complement(5069..5295)], rps16 [complement(6151..6190)], trnG-UCC [9192..9214], trnG-UCC [9917..9953], atpF [complement(11915..12327)], atpF [complement(13019..13163)], rpoC1 [complement(21216..22829)], rpoC1 [complement(23567..23998)], ycf3 [complement(43481..43633)], ycf3 [complement(44383..44613)], ycf3 [complement(45339..45464)], trnL-UAA [48492..48526], trnL-UAA [49024..49073], trnV-UAC [complement(52948..52982)], trnV-UAC [complement(53554..53591)], rps12 [141431..141662], rps12 [142199..142224], petB [76978..76983], petB [77731..78372], petD [78567..78574], petD [79314..79788], rpl16 [complement(83083..83478)], rpl16 [complement(84493..84501)], rpl2 [complement(86154..86587)], rpl2 [complement(87254..87644)], ndhB [complement(96353..97108)], ndhB [complement(97788..98564)], trnI-GAU [103876..103912], trnI-GAU [104635..104669], trnA-UGC [104734..104771], trnA-UGC [105583..105617], ndhA [complement(121239..121777)], ndhA [complement(122936..123488)], trnA-UGC [complement(135978..136012)], trnA-UGC [complement(136824..136861)], trnI-GAU [complement(136926..136960)], trnI-GAU [complement(137683..137719)], ndhB [143031..143807], ndhB [144487..145242], rpl2 [153951..154341], rpl2 [155008..155441]	trnK-UUU [complement(1859..4369)], rps16 [complement(5296..6150)], trnG-UCC [9215..9916], atpF [complement(12328..13018)], rpoC1 [complement(22830..23566)], ycf3 [complement(43634..44382)], ycf3 [complement(44614..45338)], trnL-UAA [48527..49023], trnV-UAC [complement(52983..53553)], petB [76984..77730], petD [78575..79313], rpl16 [complement(83479..84492)], rpl2 [complement(86588..87253)], ndhB [complement(97109..97787)], trnI-GAU [103913..104634], trnA-UGC [104772..105582], ndhA [complement(121778..122935)], trnA-UGC [complement(136013..136823)], trnI-GAU [complement(136961..137682)], ndhB [143808..144486], rpl2 [154342..155007]
3360.	SOSO	67	rps12 [complement(99342..99367)], rps12 [complement(99904..100135)], rps12 [complement(71716..71829)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4376..4412)], rps16 [complement(5075..5301)], rps16 [complement(6157..6196)], trnG-UCC [9191..9213], trnG-UCC [9915..9951], atpF [complement(11938..12350)], atpF [complement(13040..13184)], rpoC1 [complement(21238..22851)], rpoC1 [complement(23589..24020)], ycf3 [complement(43489..43641)], ycf3 [complement(44392..44622)], ycf3 [complement(45346..45471)], trnL-UAA [48469..48503], trnL-UAA	trnK-UUU [complement(1864..4375)], rps16 [complement(5302..6156)], trnG-UCC [9214..9914], atpF [complement(12351..13039)], rpoC1 [complement(22852..23588)], ycf3 [complement(43642..44391)], ycf3 [complement(44623..45345)], trnL-UAA [48504..49000], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49001..49050], trnV-UAC [complement(52940..52974)], trnV-UAC [complement(53547..53584)], rps12 [141393..141624], rps12 [142161..142186], petB [76917..76922], petB [77670..78311], petD [78506..78513], petD [79253..79727], rpl16 [complement(83031..83426)], rpl16 [complement(84441..84449)], rpl2 [complement(86102..86535)], rpl2 [complement(87202..87592)], ndhB [complement(96324..97079)], ndhB [complement(97759..98535)], trnI-GAU [103847..103883], trnI-GAU [104606..104640], trnA-UGC [104705..104742], trnA-UGC [105554..105588], ndhA [complement(121208..121746)], ndhA [complement(122905..123457)], trnA-UGC [complement(135940..135974)], trnA-UGC [complement(136786..136823)], trnI-GAU [complement(136888..136922)], trnI-GAU [complement(137645..137681)], ndhB [142993..143769], ndhB [144449..145204], rpl2 [153936..154326], rpl2 [154993..155426]	[complement(52975..53546)], petB [76923..77669], petD [78514..79252], rpl16 [complement(83427..84440)], rpl2 [complement(86536..87201)], ndhB [complement(97080..97758)], trnI-GAU [103884..104605], trnA-UGC [104743..105553], ndhA [complement(121747..122904)], trnA-UGC [complement(135975..136785)], trnI-GAU [complement(136923..137644)], ndhB [143770..144448], rpl2 [154327..154992]
3361.	SOSP	67	rps12 [complement(99335..99360)], rps12 [complement(99897..100128)], rps12 [complement(71736..71849)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4374..4410)], rps16 [complement(5072..5298)], rps16 [complement(6154..6193)], trnG-UCC [9187..9209], trnG-UCC [9913..9949], atpF [complement(11957..12369)], atpF [complement(13060..13204)], rpoC1 [complement(21257..22870)], rpoC1 [complement(23608..24039)], ycf3 [complement(43511..43663)], ycf3 [complement(44414..44644)], ycf3 [complement(45369..45494)], trnL-UAA [48492..48526], trnL-UAA [49024..49073], trnV-UAC [complement(52978..53012)], trnV-UAC [complement(53583..53620)], rps12 [141373..141604], rps12 [142141..142166], petB [76932..76937], petB [77685..78326], petD [78521..78528], petD [79268..79742], rpl16 [complement(83047..83442)], rpl16 [complement(84457..84465)], rpl2 [complement(86118..86551)], rpl2 [complement(87218..87608)], ndhB [complement(96317..97072)], ndhB [complement(97752..98528)], trnI-GAU [103840..103876], trnI-GAU [104599..104633], trnA-UGC [104698..104735], trnA-UGC [105547..105581], ndhA [complement(121198..121736)], ndhA [complement(122873..123425)], trnA-UGC [complement(135920..135954)], trnA-UGC [complement(136766..136803)], trnI-GAU [complement(136868..136902)],	trnK-UUU [complement(1862..4373)], rps16 [complement(5299..6153)], trnG-UCC [9210..9912], atpF [complement(12370..13059)], rpoC1 [complement(22871..23607)], ycf3 [complement(43664..44413)], ycf3 [complement(44645..45368)], trnL-UAA [48527..49023], trnV-UAC [complement(53013..53582)], petB [76938..77684], petD [78529..79267], rpl16 [complement(83443..84456)], rpl2 [complement(86552..87217)], ndhB [complement(97073..97751)], trnI-GAU [103877..104598], trnA-UGC [104736..105546], ndhA [complement(121737..122872)], trnA-UGC [complement(135955..136765)], trnI-GAU [complement(136903..137624)], ndhB [143750..144428], rpl2 [154284..154949]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137625..137661)], ndhB [142973..143749], ndhB [144429..145184], rpl2 [153893..154283], rpl2 [154950..155383]	
3362.	SOST	67	rps12 [complement(99284..99309)], rps12 [complement(99846..100077)], rps12 [complement(71679..71792)], trnK-UUU [complement(1829..1863)], trnK-UUU [complement(4376..4412)], rps16 [complement(5075..5301)], rps16 [complement(6157..6196)], trnG-UCC [9142..9164], trnG-UCC [9866..9902], atpF [complement(11899..12311)], atpF [complement(13002..13146)], rpoC1 [complement(21203..22816)], rpoC1 [complement(23554..23985)], ycf3 [complement(43461..43613)], ycf3 [complement(44364..44594)], ycf3 [complement(45319..45444)], trnL-UAA [48440..48474], trnL-UAA [48972..49021], trnV-UAC [complement(52919..52953)], trnV-UAC [complement(53525..53562)], rps12 [141346..141577], rps12 [142114..142139], petB [76882..76887], petB [77635..78276], petD [78471..78478], petD [79218..79692], rpl16 [complement(82996..83391)], rpl16 [complement(84406..84414)], rpl2 [complement(86067..86500)], rpl2 [complement(87167..87557)], ndhB [complement(96266..97021)], ndhB [complement(97701..98477)], trnI-GAU [103789..103825], trnI-GAU [104548..104582], trnA-UGC [104647..104684], trnA-UGC [105496..105530], ndhA [complement(121149..121687)], ndhA [complement(122846..123398)], trnA-UGC [complement(135893..135927)], trnA-UGC [complement(136739..136776)], trnI-GAU [complement(136841..136875)], trnI-GAU [complement(137598..137634)], ndhB [142946..143722], ndhB [144402..145157], rpl2 [153866..154256], rpl2 [154923..155356]	trnK-UUU [complement(1864..4375)], rps16 [complement(5302..6156)], trnG-UCC [9165..9865], atpF [complement(12312..13001)], rpoC1 [complement(22817..23553)], ycf3 [complement(43614..44363)], ycf3 [complement(44595..45318)], trnL-UAA [48475..48971], trnV-UAC [complement(52954..53524)], petB [76888..77634], petD [78479..79217], rpl16 [complement(83392..84405)], rpl2 [complement(86501..87166)], ndhB [complement(97022..97700)], trnI-GAU [103826..104547], trnA-UGC [104685..105495], ndhA [complement(121688..122845)], trnA-UGC [complement(135928..136738)], trnI-GAU [complement(136876..137597)], ndhB [143723..144401], rpl2 [154257..154922]
3363.	SOSU	2	rps12 [complement(72021..72134)], rps12 [142407..142432]	-
3364.	SOTA	67	rps12 [complement(99334..99359)], rps12 [complement(99896..100127)], rps12 [complement(71736..71849)], trnK-UUU [complement(1825..1859)], trnK-UUU [complement(4372..4408)], rps16 [complement(5071..5297)], rps16 [complement(6153..6192)], trnG-UCC [9201..9223], trnG-UCC [9927..9963], atpF [complement(11950..12362)], atpF [complement(13053..13197)], rpoC1 [complement(21247..22860)], rpoC1 [complement(23598..24029)], ycf3 [complement(43503..43655)], ycf3 [complement(44406..44636)], ycf3 [complement(45361..45486)], trnL-UAA [48484..48518], trnL-UAA	trnK-UUU [complement(1860..4371)], rps16 [complement(5298..6152)], trnG-UCC [9224..9926], atpF [complement(12363..13052)], rpoC1 [complement(22861..23597)], ycf3 [complement(43656..44405)], ycf3 [complement(44637..45360)], trnL-UAA [48519..49015], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49016..49065], trnV-UAC [complement(52962..52996)], trnV-UAC [complement(53568..53605)], rps12 [141400..141631], rps12 [142168..142193], petB [76932..76937], petB [77685..78326], petD [78521..78528], petD [79268..79742], rpl16 [complement(83046..83441)], rpl16 [complement(84457..84465)], rpl2 [complement(86117..86550)], rpl2 [complement(87217..87607)], ndhB [complement(96316..97071)], ndhB [complement(97751..98527)], trnI-GAU [103839..103875], trnI-GAU [104598..104632], trnA-UGC [104697..104734], trnA-UGC [105546..105580], ndhA [complement(121203..121741)], ndhA [complement(122900..123452)], trnA-UGC [complement(135947..135981)], trnA-UGC [complement(136793..136830)], trnI-GAU [complement(136895..136929)], trnI-GAU [complement(137652..137688)], ndhB [143000..143776], ndhB [144456..145211], rpl2 [153920..154310], rpl2 [154977..155410]	[complement(52997..53567)], petB [76938..77684], petD [78529..79267], rpl16 [complement(83442..84456)], rpl2 [complement(86551..87216)], ndhB [complement(97072..97750)], trnI-GAU [103876..104597], trnA-UGC [104735..105545], ndhA [complement(121742..122899)], trnA-UGC [complement(135982..136792)], trnI-GAU [complement(136930..137651)], ndhB [143777..144455], rpl2 [154311..154976]
3365.	SOTI	55	rps12 [complement(92955..92983)], rps12 [complement(93524..93755)], rps12 [complement(69879..69992)], trnK-UUU [complement(1858..1890)], trnK-UUU [complement(4406..4443)], rps16 [complement(4940..5154)], rps16 [complement(5997..6036)], atpF [35675..35833], atpF [36650..37057], ycf3 [complement(44811..44966)], ycf3 [complement(45698..45925)], ycf3 [complement(46680..46811)], trnL-UAA [49568..49602], trnL-UAA [50055..50104], trnV-UAC [complement(53703..53739)], trnV-UAC [complement(54342..54380)], rps12 [130298..130529], rps12 [131070..131098], rpl16 [complement(80126..80527)], rpl16 [complement(81610..81618)], rpl2 [complement(83579..84010)], rpl2 [complement(84671..85063)], ndhB [complement(89890..90645)], ndhB [complement(91350..92126)], trnI-GAU [97597..97638], trnI-GAU [98587..98621], trnA-UGC [98687..98724], trnA-UGC [99535..99569], ndhA [complement(115013..115552)], ndhA [complement(116522..117070)], trnA-UGC [complement(124488..124522)], trnA-UGC [complement(125333..125370)], trnI-GAU [complement(125436..125470)], trnI-GAU [complement(126415..126456)], ndhB [131927..132703], ndhB [133408..134163], rpl2 [138990..139373], rpl2 [140043..140474]	trnK-UUU [complement(1891..4405)], rps16 [complement(5155..5996)], atpF [35834..36649], ycf3 [complement(44967..45697)], ycf3 [complement(45926..46679)], trnL-UAA [49603..50054], trnV-UAC [complement(53740..54341)], rpl16 [complement(80528..81609)], rpl2 [complement(84011..84670)], ndhB [complement(90646..91349)], trnI-GAU [97639..98586], trnA-UGC [98725..99534], ndhA [complement(115553..116521)], trnA-UGC [complement(124523..125332)], trnI-GAU [complement(125471..126414)], ndhB [132704..133407], rpl2 [139374..140042]
3366.	SOTN	72	rps12 [complement(99361..99386)], rps12 [complement(99926..100157)],	trnK-UUU [complement(1753..4341)], trnV-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(70229..70342)], trnK-UUU [complement(1718..1752)], trnK-UUU [complement(4342..4378)], trnV-UAC [9907..9945], trnV-UAC [10540..10576], rpoC1 [18022..18453], rpoC1 [19224..20852], atpF [28426..28576], atpF [29337..29746], trnG-UCC [complement(31787..31834)], trnG-UCC [complement(32549..32571)], trnL-UAA [36206..36240], trnL-UAA [36762..36811], ycf3 [complement(52119..52271)], ycf3 [complement(53003..53232)], ycf3 [complement(53986..54109)], rps16 [56498..56524], rps16 [57451..57729], rps12 [141069..141300], rps12 [141840..141865], clpP [complement(70515..70742)], clpP [complement(71411..71702)], clpP [complement(72581..72651)], petB [75642..75647], petB [76500..77141], petD [77314..77321], petD [78044..78518], rpl16 [complement(82426..82824)], rpl16 [complement(83927..83935)], rpl2 [complement(85659..86092)], rpl2 [complement(86799..87189)], ndhB [complement(96297..97052)], ndhB [complement(97738..98460)], trnI-GAU [104110..104146], trnI-GAU [105105..105139], trnA-UGC [105199..105236], trnA-UGC [106057..106091], ndhA [118327..118879], ndhA [120064..120602], trnA-UGC [complement(135135..135169)], trnA-UGC [complement(135990..136027)], trnI-GAU [complement(136087..136121)], trnI-GAU [complement(137080..137116)], ndhB [142766..143488], ndhB [144174..144929], rpl2 [154037..154427], rpl2 [155134..155567]</p>	<p>UAC [9946..10539], rpoC1 [18454..19223], atpF [28577..29336], trnG-UCC [complement(31835..32548)], trnL-UAA [36241..36761], ycf3 [complement(52272..53002)], ycf3 [complement(53233..53985)], rps16 [56525..57450], clpP [complement(70743..71410)], clpP [complement(71703..72580)], petB [75648..76499], petD [77322..78043], rpl16 [complement(82825..83926)], rpl2 [complement(86093..86798)], ndhB [complement(97053..97737)], trnI-GAU [104147..105104], trnA-UGC [105237..106056], ndhA [118880..120063], trnA-UGC [complement(135170..135989)], trnI-GAU [complement(136122..137079)], ndhB [143489..144173], rpl2 [154428..155133]</p>
3367.	SOTO	47	<p>rps12 [complement(101927..101952)], rps12 [complement(102494..102725)], rps12 [complement(73325..73438)], trnK-UUU [complement(1656..1690)], trnK-UUU [complement(4181..4217)], atpF [complement(12363..12773)], ycf3 [complement(45183..45335)], trnL-UAA [50481..50517], trnL-UAA [51031..51080], trnV-UAC [complement(54680..54716)], trnV-UAC [complement(55309..55347)], rps12 [complement(73325..73438)], rps12 [146247..146276], rpl2 [complement(88222..88656)], ndhB [complement(98884..99639)], trnI-GAU [106525..106565], trnI-GAU [107509..107544], trnA-UGC [107609..107646], trnA-UGC [108454..108488], ndhA [complement(124975..125514)], trnA-UGC [complement(139715..139748)], trnA-UGC [complement(140556..140594)],</p>	<p>trnK-UUU [complement(1691..4180)], rps16 [complement(5403..6268)], atpF [complement(12774..13508)], rpoC1 [complement(23397..24137)], ycf3 [complement(45336..46058)], ycf3 [complement(46287..46994)], trnL-UAA [50518..51030], trnV-UAC [complement(54717..55308)], clpP [complement(73831..74453)], clpP [complement(74743..75601)], petB [78606..79402], petD [80244..80967], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			tRNI-GAU [complement(140659..140692)], tRNI-GAU [complement(141636..141678)], ndhB [148564..149319]	[complement(85425..86435)], rpl2 [complement(88657..89339)], ndhB [complement(99640..100308)], trnI-GAU [106566..107508], trnA-UGC [107647..108453], ndhA [complement(125515..126667)], trnA-UGC [complement(139749..140555)], tRNI-GAU [complement(140693..141635)], ndhB [147895..148563], rpl2 [158860..159545]
3368.	SOTR	2	rps12 [complement(71865..71978)], rps12 [141930..141955]	-
3369.	SOTU	20	rps12 [complement(99091..99116)], rps12 [complement(99653..99884)], rps12 [complement(71485..71598)], rps12 [141150..141381], rps12 [141918..141943]	rps16 [complement(5300..6154)], atpF [complement(12343..13035)], rpoC1 [complement(22836..23572)], ycf3 [complement(43631..44380)], ycf3 [complement(44611..45337)], clpP [complement(71965..72584)], clpP [complement(72877..73665)], petB [76688..77434], petD [78287..79025], rpl16 [complement(83200..84213)], rpl2 [complement(86308..86973)], ndhB [complement(96829..97507)], ndhA [complement(121492..122649)], ndhB [143527..144205], rpl2 [154061..154726]
3370.	SOUL	21	rps12 [complement(73381..73494)], trnL-UAA [50589..50625], trnL-UAA [51140..51189], rps12 [145712..145741], trnI-GAU [106492..106532], trnI-GAU [107476..107511], trnA-UGC [107576..107613], trnA-UGC [108421..108455], trnA-UGC [complement(139180..139213)], trnA-UGC [complement(140021..140059)], trnI-GAU [complement(140124..140157)], trnI-GAU [complement(141101..141143)]	trnK-UUU [complement(1758..4247)], trnG-UCC [9088..9785], atpF [complement(12961..13689)], trnL-UAA [50626..51139], trnV-UAC [complement(54875..55466)], trnI-GAU [106533..107475], trnA-UGC [107614..108420], trnA-UGC [complement(139214..140020)], trnI-GAU [complement(140158..141100)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3371.	SOU M	2	rps12 [complement(71833..71946)], rps12 [142187..142212]	-
3372.	SOUS	2	rps12 [complement(71723..71836)], rps12 [142050..142075]	-
3373.	SOVE	67	rps12 [complement(99387..99412)], rps12 [complement(99949..100180)], rps12 [complement(71790..71903)], trnK-UUU [complement(1828..1862)], trnK-UUU [complement(4375..4411)], rps16 [complement(5074..5300)], rps16 [complement(6156..6195)], trnG-UCC [9189..9211], trnG-UCC [9913..9949], atpF [complement(11937..12349)], atpF [complement(13040..13184)], rpoC1 [complement(21234..22847)], rpoC1 [complement(23585..24016)], ycf3 [complement(43488..43640)], ycf3 [complement(44391..44621)], ycf3 [complement(45346..45471)], trnL-UAA [48469..48503], trnL-UAA [49001..49050], trnV-UAC [complement(53013..53047)], trnV-UAC [complement(53619..53656)], rps12 [141444..141675], rps12 [142212..142237], petB [76986..76991], petB [77739..78380], petD [78575..78582], petD [79322..79796], rpl16 [complement(83099..83494)], rpl16 [complement(84509..84517)], rpl2 [complement(86170..86603)], rpl2 [complement(87270..87660)], ndhB [complement(96369..97124)], ndhB [complement(97804..98580)], trnI-GAU [103892..103928], trnI-GAU [104651..104685], trnA-UGC [104750..104787], trnA-UGC [105599..105633], ndhA [complement(121248..121786)], ndhA [complement(122945..123497)], trnA-UGC [complement(135991..136025)], trnA-UGC [complement(136837..136874)], trnI-GAU [complement(136939..136973)], trnI-GAU [complement(137696..137732)], ndhB [143044..143820], ndhB [144500..145255], rpl2 [153964..154354], rpl2 [155021..155454]	trnK-UUU [complement(1863..4374)], rps16 [complement(5301..6155)], trnG-UCC [9212..9912], atpF [complement(12350..13039)], rpoC1 [complement(22848..23584)], ycf3 [complement(43641..44390)], ycf3 [complement(44622..45345)], trnL-UAA [48504..49000], trnV-UAC [complement(53048..53618)], petB [76992..77738], petD [78583..79321], rpl16 [complement(83495..84508)], rpl2 [complement(86604..87269)], ndhB [complement(97125..97803)], trnI-GAU [103929..104650], trnA-UGC [104788..105598], ndhA [complement(121787..122944)], trnA-UGC [complement(136026..136836)], trnI-GAU [complement(136974..137695)], ndhB [143821..144499], rpl2 [154355..155020]
3374.	SOVI	2	rps12 [complement(71971..72084)], rps12 [142386..142411]	-
3375.	SOVN	67	rps12 [complement(99252..99277)], rps12 [complement(99814..100045)], rps12 [complement(71638..71751)], trnK-UUU [complement(1835..1869)], trnK-UUU [complement(4382..4418)], rps16 [complement(5080..5306)], rps16 [complement(6162..6201)], trnG-UCC [9192..9214], trnG-UCC [9916..9952], atpF [complement(11938..12350)], atpF [complement(13041..13185)], rpoC1 [complement(21235..22848)], rpoC1 [complement(23586..24017)], ycf3 [complement(43477..43629)], ycf3 [complement(44380..44610)], ycf3	trnK-UUU [complement(1870..4381)], rps16 [complement(5307..6161)], trnG-UCC [9215..9915], atpF [complement(12351..13040)], rpoC1 [complement(22849..23585)], ycf3 [complement(43630..44379)], ycf3 [complement(44611..45334)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45335..45460)], trnL-UAA [48457..48491], trnL-UAA [48989..49038], trnV-UAC [complement(52869..52903)], trnV-UAC [complement(53475..53512)], rps12 [141331..141562], rps12 [142099..142124], petB [76835..76840], petB [77588..78229], petD [78443..78450], petD [79190..79664], rpl16 [complement(82963..83358)], rpl16 [complement(84374..84382)], rpl2 [complement(86035..86468)], rpl2 [complement(87135..87525)], ndhB [complement(96234..96989)], ndhB [complement(97669..98445)], trnI-GAU [103757..103793], trnI-GAU [104516..104550], trnA-UGC [104615..104652], trnA-UGC [105464..105498], ndhA [complement(121134..121672)], ndhA [complement(122831..123383)], trnA-UGC [complement(135878..135912)], trnA-UGC [complement(136724..136761)], trnI-GAU [complement(136826..136860)], trnI-GAU [complement(137583..137619)], ndhB [142931..143707], ndhB [144387..145142], rpl2 [153851..154241], rpl2 [154908..155341]	[48492..48988], trnV-UAC [complement(52904..53474)], petB [76841..77587], petD [78451..79189], rpl16 [complement(83359..84373)], rpl2 [complement(86469..87134)], ndhB [complement(96990..97668)], trnI-GAU [103794..104515], trnA-UGC [104653..105463], ndhA [complement(121673..122830)], trnA-UGC [complement(135913..136723)], trnI-GAU [complement(136861..137582)], ndhB [143708..144386], rpl2 [154242..154907]
3376.	SOVO	67	rps12 [complement(99295..99320)], rps12 [complement(99857..100088)], rps12 [complement(71690..71803)], trnK-UUU [complement(1828..1862)], trnK-UUU [complement(4364..4400)], rps16 [complement(5062..5288)], rps16 [complement(6144..6183)], trnG-UCC [9175..9197], trnG-UCC [9900..9936], atpF [complement(11923..12335)], atpF [complement(13026..13170)], rpoC1 [complement(21219..22832)], rpoC1 [complement(23570..24001)], ycf3 [complement(43477..43629)], ycf3 [complement(44380..44610)], ycf3 [complement(45335..45460)], trnL-UAA [48458..48492], trnL-UAA [48990..49039], trnV-UAC [complement(52936..52970)], trnV-UAC [complement(53542..53579)], rps12 [141359..141590], rps12 [142127..142152], petB [76886..76891], petB [77639..78280], petD [78475..78482], petD [79222..79696], rpl16 [complement(83007..83402)], rpl16 [complement(84417..84425)], rpl2 [complement(86078..86511)], rpl2 [complement(87178..87568)], ndhB [complement(96277..97032)], ndhB [complement(97712..98488)], trnI-GAU [103800..103836], trnI-GAU [104559..104593], trnA-UGC [104658..104695], trnA-UGC [105507..105541], ndhA [complement(121163..121701)], ndhA [complement(122859..123411)], trnA-UGC [complement(135906..135940)], trnA-UGC	trnK-UUU [complement(1863..4363)], rps16 [complement(5289..6143)], trnG-UCC [9198..9899], atpF [complement(12336..13025)], rpoC1 [complement(22833..23569)], ycf3 [complement(43630..44379)], ycf3 [complement(44611..45334)], trnL-UAA [48493..48989], trnV-UAC [complement(52971..53541)], petB [76892..77638], petD [78483..79221], rpl16 [complement(83403..84416)], rpl2 [complement(86512..87177)], ndhB [complement(97033..97711)], trnI-GAU [103837..104558], trnA-UGC [104696..105506], ndhA [complement(121702..122858)], trnA-UGC [complement(135941..136751)], trnI-GAU [complement(136889..137610)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(136752..136789)], trnI-GAU [complement(136854..136888)], trnI-GAU [complement(137611..137647)], ndhB [142959..143735], ndhB [144415..145170], rpl2 [153879..154269], rpl2 [154936..155369]	[143736..144414], rpl2 [154270..154935]
3377.	SOVR	67	rps12 [complement(99300..99325)], rps12 [complement(99862..100093)], rps12 [complement(71702..71815)], trnK-UUU [complement(1827..1861)], trnK-UUU [complement(4375..4411)], rps16 [complement(5073..5299)], rps16 [complement(6155..6194)], trnG-UCC [9184..9206], trnG-UCC [9910..9946], atpF [complement(11904..12316)], atpF [complement(13007..13151)], rpoC1 [complement(21191..22804)], rpoC1 [complement(23542..23973)], ycf3 [complement(43448..43600)], ycf3 [complement(44351..44581)], ycf3 [complement(45306..45431)], trnL-UAA [48428..48462], trnL-UAA [48960..49009], trnV-UAC [complement(52907..52941)], trnV-UAC [complement(53513..53550)], rps12 [141333..141564], rps12 [142101..142126], petB [76900..76905], petB [77653..78294], petD [78489..78496], petD [79236..79710], rpl16 [complement(83013..83408)], rpl16 [complement(84423..84431)], rpl2 [complement(86083..86516)], rpl2 [complement(87183..87573)], ndhB [complement(96282..97037)], ndhB [complement(97717..98493)], trnI-GAU [103805..103841], trnI-GAU [104564..104598], trnA-UGC [104663..104700], trnA-UGC [105512..105546], ndhA [complement(121136..121674)], ndhA [complement(122833..123385)], trnA-UGC [complement(135880..135914)], trnA-UGC [complement(136726..136763)], trnI-GAU [complement(136828..136862)], trnI-GAU [complement(137585..137621)], ndhB [142933..143709], ndhB [144389..145144], rpl2 [153853..154243], rpl2 [154910..155343]	trnK-UUU [complement(1862..4374)], rps16 [complement(5300..6154)], trnG-UCC [9207..9909], atpF [complement(12317..13006)], rpoC1 [complement(22805..23541)], ycf3 [complement(43601..44350)], ycf3 [complement(44582..45305)], trnL-UAA [48463..48959], trnV-UAC [complement(52942..53512)], petB [76906..77652], petD [78497..79235], rpl16 [complement(83409..84422)], rpl2 [complement(86517..87182)], ndhB [complement(97038..97716)], trnI-GAU [103842..104563], trnA-UGC [104701..105511], ndhA [complement(121675..122832)], trnA-UGC [complement(135915..136725)], trnI-GAU [complement(136863..137584)], ndhB [143710..144388], rpl2 [154244..154909]
3378.	SOWE	66	rps12 [complement(97259..97282)], rps12 [complement(97821..98051)], rps12 [complement(69862..69975)], trnK [complement(1787..1822)], trnK [complement(4370..4407)], rps16 [complement(5256..5476)], rps16 [complement(6334..6373)], rpoC1 [16227..16655], rpoC1 [17400..19040], atpF [26947..27090], atpF [27800..28210], ycf3 [complement(42284..42436)], ycf3 [complement(43178..43407)], ycf3 [complement(44096..44219)], trnL [47154..47188], trnL [47638..47687], trnV [complement(51606..51647)], trnV [complement(52225..52262)], rps12 [138413..138644], rps12	trnK [complement(1823..4369)], rps16 [complement(5477..6333)], rpoC1 [16656..17399], atpF [27091..27799], ycf3 [complement(42437..43177)], ycf3 [complement(43408..44095)], trnL [47189..47637], trnV [complement(51648..52224)], clpP [complement(70361..70957)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[139180..139205], clpP [complement(70133..70360)], clpP [complement(70958..71249)], clpP [complement(72055..72125)], petB [75037..75042], petB [75811..76452], rpl16 [complement(81275..81673)], rpl16 [complement(82736..82744)], rpl2 [complement(84415..84849)], rpl2 [complement(85515..85904)], ndhB [complement(94247..95002)], ndhB [complement(95672..96448)], trnE [102011..102043], trnE [102823..102862], trnA [102927..102963], trnA [103784..103819], ndhA [complement(118756..119294)], ndhA [complement(120349..120901)], trnA [complement(132645..132680)], trnA [complement(133501..133537)], trnE [complement(133602..133641)], trnE [complement(134421..134453)], ndhB [140016..140792], ndhB [141462..142217], rpl2 [150560..150950], rpl2 [151616..152049]	[complement(71250..72054)], petB [75043..75810], rpl16 [complement(81674..82735)], rpl2 [complement(84850..85514)], ndhB [complement(95003..95671)], trnE [102044..102822], trnA [102964..103783], ndhA [complement(119295..120348)], trnA [complement(132681..133500)], trnE [complement(133642..134420)], ndhB [140793..141461], rpl2 [150951..151615]
3379.	SPAR	66	rps12 [57414..57527], rps12 [29356..29587], rps12 [30124..30149], ndhA [complement(9616..10154)], ndhA [complement(11186..11738)], trnA-UGC [complement(24063..24097)], trnA-UGC [complement(24906..24943)], trnI-GAU [complement(25014..25048)], trnI-GAU [complement(25989..26025)], ndhB [30980..31756], ndhB [32425..33180], rpl16 [44780..44788], rpl16 [45632..46030], petD [complement(49382..49856)], petD [complement(50605..50612)], petB [complement(50826..51467)], petB [complement(52229..52234)], clpP [55141..55211], clpP [56151..56442], clpP [57061..57288], rps12 [complement(140565..140796)], rps12 [complement(140003..140028)], trnV-UAC [75521..75559], trnV-UAC [76164..76198], trnL-UAA [complement(79874..79923)], trnL-UAA [complement(80511..80547)], ycf3 [83436..83561], ycf3 [84307..84534], ycf3 [85325..85477], rpoC1 [104044..104475], rpoC1 [105228..106838], atpF [114526..114670], atpF [115395..115804], trnG-UCC [complement(117688..117735)], trnG-UCC [complement(118433..118455)], rps16 [121265..121305], rps16 [122188..122383], trnK-UUU [122804..122840], trnK-UUU [125319..125353], ndhB [complement(136972..137727)], ndhB [complement(138396..139172)], trnI-GAU [144127..144163], trnI-GAU [145104..145138], trnA-UGC [145209..145246], trnA-UGC [146055..146089]	ndhA [complement(10155..11185)], trnA-UGC [complement(24098..24905)], trnI-GAU [complement(25049..25988)], ndhB [31757..32424], rpl16 [44789..45631], petD [complement(49857..50604)], petB [complement(51468..52228)], clpP [55212..56150], clpP [56443..57060], trnV-UAC [75560..76163], trnL-UAA [complement(79924..80510)], ycf3 [83562..84306], ycf3 [84535..85324], rpoC1 [104476..105227], atpF [114671..115394], trnG-UCC [complement(117736..118432)], rps16 [121306..122187], trnK-UUU [122841..125318], ndhB [complement(137728..138395)], trnI-GAU [144164..145103], trnA-UGC [145247..146054]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3380.	SPBA	49	rps16 [complement(5761..5986)], rps16 [complement(6851..6891)], atpF [complement(13682..14120)], atpF [complement(14819..14985)], rpoC1 [complement(23095..24714)], rpoC1 [complement(25474..25908)], ycf3 [complement(46450..46602)], ycf3 [complement(47362..47589)], ycf3 [complement(48312..48440)], trnL-UAA [51737..51773], trnL-UAA [52303..52352], clpP [complement(75600..75798)], clpP [complement(76493..76783)], clpP [complement(77592..77659)], rpl2 [complement(90048..90476)], rpl2 [complement(91145..91537)], ndhB [complement(100713..101469)], ndhB [complement(102151..102926)], trnI-GAU [108455..108496], trnI-GAU [109447..109481], trnA-UGC [109546..109583], trnA-UGC [110424..110458], ndhA [complement(126960..127499)], ndhA [complement(128611..129174)], trnA-UGC [complement(141448..141482)], trnA-UGC [complement(142425..142459)], trnI-GAU [complement(142323..142360)], trnI-GAU [complement(143410..143451)], ndhB [148960..149735], ndhB [150417..151173], rpl2 [160385..160777], rpl2 [161446..161874]	rps16 [complement(5987..6850)], atpF [complement(14121..14818)], rpoC1 [complement(24715..25473)], ycf3 [complement(46603..47361)], ycf3 [complement(47590..48311)], trnL-UAA [51774..52302], clpP [complement(75799..76492)], clpP [complement(76784..77591)], rpl2 [complement(90477..91144)], ndhB [complement(101470..102150)], trnI-GAU [108497..109446], trnA-UGC [109584..110423], ndhA [complement(127500..128610)], trnA-UGC [complement(141483..142424)], trnI-GAU [complement(142361..143409)], ndhB [149736..150416], rpl2 [160778..161445]
3381.	SPCA	54	trnK-UUU [complement(1736..1770)], trnK-UUU [complement(4316..4352)], rps16 [complement(5198..5422)], rps16 [complement(6286..6330)], rpoC1 [16121..16576], rpoC1 [17305..18942], atpF [26903..27046], atpF [27748..28158], ycf3 [complement(42099..42251)], ycf3 [complement(43003..43230)], ycf3 [complement(43948..44073)], trnL-UAA [46833..46869], trnL-UAA [47304..47353], trnV-UAC [complement(50416..50452)], trnV-UAC [complement(51027..51064)], rps12 [complement(68813..68926)], rps12 [137724..137966], clpP [complement(69088..69315)], clpP [complement(69936..70229)], clpP [complement(71037..71105)], rpl2 [complement(83422..83856)], rpl2 [complement(84522..84911)], ndhB [complement(93490..94245)], ndhB [complement(94916..95692)], trnI-GAU [101211..101252], trnI-GAU [102024..102058], trnA-UGC [102123..102160], trnA-UGC [102982..103016], trnA-UGC [complement(132003..132037)], trnA-UGC [complement(132859..132896)], trnI-GAU [complement(132961..132995)], trnI-GAU [complement(133767..133808)], ndhB [139327..140103], ndhB	trnK-UUU [complement(1771..4315)], rps16 [complement(5423..6285)], rpoC1 [16577..17304], atpF [27047..27747], ycf3 [complement(42252..43002)], ycf3 [complement(43231..43947)], trnL-UAA [46870..47303], trnV-UAC [complement(50453..51026)], clpP [complement(69316..69935)], clpP [complement(70230..71036)], rpl2 [complement(83857..84521)], ndhB [complement(94246..94915)], trnI-GAU [101253..102023], trnA-UGC [102161..102981], trnA-UGC [complement(132038..132858)], trnI-GAU [complement(132996..133766)], ndhB [140104..140773], rpl2 [150501..151162]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[140774..141529], rpl2 [150108..150500], rpl2 [151163..151597]	
3382.	SPCN	79	rps12 [complement(106099..106124)], rps12 [complement(106665..106896)], rps12 [complement(76689..76814)], trnK-UUU [complement(1810..1851)], trnK-UUU [complement(4418..4454)], rps16 [complement(5157..5353)], rps16 [complement(6998..7037)], trnG-GCC [11187..11210], trnG-GCC [11951..11998], atpF [complement(13966..14368)], atpF [complement(15199..15341)], rpoC1 [complement(23200..24838)], rpoC1 [complement(25563..26017)], ycf3 [complement(46868..47008)], ycf3 [complement(47792..48000)], ycf3 [complement(48775..48898)], trnL-UAA [52633..52667], trnL-UAA [53173..53222], trnV-UAC [complement(57609..57645)], trnV-UAC [complement(58241..58278)], rps12 [complement(76689..76814)], rps12 [156694..156925], rps12 [157466..157491], clpP [complement(76993..77267)], clpP [complement(77922..78198)], clpP [complement(79016..79081)], petB [82728..82733], petB [82787..83428], petD [83635..83642], petD [84393..84867], rpl16 [complement(88386..88784)], rpl16 [complement(90447..90455)], rpl2 [complement(92221..92663)], rpl2 [complement(93308..93698)], ndhB [complement(103040..103817)], ndhB [complement(104466..105247)], trnI-GAU [110904..110945], trnI-GAU [111887..111921], ycf68 [111045..111086], ycf68 [111118..111528], trnA-UGC [111986..112023], trnA-UGC [112821..112855], ndhA [complement(135201..135718)], ndhA [complement(136856..137417)], trnA-UGC [complement(150735..150769)], trnA-UGC [complement(151567..151604)], trnI-GAU [complement(151669..151703)], trnI-GAU [complement(152645..152686)], ycf68 [complement(152062..152472)], ycf68 [complement(152504..152545)], ndhB [158343..159124], ndhB [159773..160550], rpl2 [169892..170282], rpl2 [170927..171369]	trnK-UUU [complement(1852..4417)], rps16 [complement(5354..6997)], trnG-GCC [11211..11950], atpF [complement(14369..15198)], rpoC1 [complement(24839..25562)], ycf3 [complement(47009..47791)], ycf3 [complement(48001..48774)], trnL-UAA [52668..53172], trnV-UAC [complement(57646..58240)], clpP [complement(77268..77921)], clpP [complement(78199..79015)], petB [82734..82786], petD [83643..84392], rpl16 [complement(88785..90446)], rpl2 [complement(92664..93307)], ndhB [complement(103818..104465)], trnI-GAU [110946..111886], ycf68 [111087..111117], trnA-UGC [112024..112820], ndhA [complement(135719..136855)], trnA-UGC [complement(150770..151566)], trnI-GAU [complement(151704..152644)], ycf68 [complement(152473..152503)], ndhB [159125..159772], rpl2 [170283..170926]
3383.	SPHE	64	rps12 [complement(89306..89334)], rps12 [complement(89876..90107)], rps12 [complement(68122..68235)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3906..3943)], rps16 [complement(4495..4712)], rps16 [complement(5544..5583)], trnG-UCC [complement(13182..13229)], trnG-	trnK-UUU [complement(1410..3905)], rps16 [complement(4713..5543)], trnG-UCC [complement(13230..13912)], atpF [34015..34837], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UCC [complement(13913..13935)], atpF [33856..34014], atpF [34838..35245], ycf3 [complement(42963..43121)], ycf3 [complement(43847..44074)], ycf3 [complement(44820..44945)], trnL-UAA [47674..47708], trnL-UAA [48265..48314], trnV-UAC [complement(51850..51896)], trnV-UAC [complement(52488..52526)], rps12 [126204..126435], rps12 [126977..127005], petB [72000..72005], petB [72790..73437], petD [73620..73627], petD [74378..74852], rpl16 [complement(78393..78794)], rpl16 [complement(79827..79835)], rpl2 [complement(81786..82217)], rpl2 [complement(82878..83270)], ndhB [complement(86234..86990)], ndhB [complement(87703..88478)], trnI-GAU [93892..93933], trnI-GAU [94634..94668], trnA-UGC [94734..94771], trnA-UGC [95582..95616], ndhA [complement(111232..111771)], ndhA [complement(112806..113354)], trnA-UGC [complement(120695..120729)], trnA-UGC [complement(121540..121577)], trnI-GAU [complement(121643..121677)], trnI-GAU [complement(122378..122419)], ndhB [127833..128608], ndhB [129321..130077], rpl2 [133041..133433], rpl2 [134094..134525]	[complement(43122..43846)], ycf3 [complement(44075..44819)], trnL-UAA [47709..48264], trnV-UAC [complement(51897..52487)], petB [72006..72789], petD [73628..74377], rpl16 [complement(78795..79826)], rpl2 [complement(82218..82877)], ndhB [complement(86991..87702)], trnI-GAU [93934..94633], trnA-UGC [94772..95581], ndhA [complement(111772..112805)], trnA-UGC [complement(120730..121539)], trnI-GAU [complement(121678..122377)], ndhB [128609..129320], rpl2 [133434..134093]
3384.	SPHL	45	rps12 [complement(89776..90039)], rps12 [complement(67628..67741)], trnK-UUU [complement(1387..1421)], trnK-UUU [complement(3902..3939)], atpF [33465..33624], atpF [34447..34853], ycf3 [complement(42581..42739)], ycf3 [complement(43466..43694)], ycf3 [complement(44423..44556)], rps12 [126055..126073], rps12 [126092..126354], rpl16 [complement(77864..78286)], rpl16 [complement(79349..79360)], rpl2 [complement(81308..81735)], rpl2 [complement(82393..82804)], ndhB [complement(86145..86900)], ndhB [complement(87520..88389)], trnI-GAU [93800..93841], trnI-GAU [94542..94576], trnA-UGC [94642..94670], trnA-UGC [95490..95524], ndhA [complement(111101..111639)], ndhA [complement(112666..113218)], trnA-UGC [complement(120607..120641)], trnA-UGC [complement(121461..121489)], trnI [complement(121555..121589)], trnI [complement(122289..122330)], ndhB [127741..128607], ndhB [129230..129985], rpl2 [133326..133734], rpl2 [134395..134822]	trnK-UUU [complement(1422..3901)], atpF [33625..34446], ycf3 [complement(42740..43465)], ycf3 [complement(43695..44422)], rpl16 [complement(78287..79348)], rpl2 [complement(81736..82392)], ndhB [complement(86901..87519)], trnI-GAU [93842..94541], trnA-UGC [94671..95489], ndhA [complement(111640..112665)], trnA-UGC [complement(120642..121460)], trnI [complement(121590..122288)], ndhB [128608..129229], rpl2 [133735..134394]
3385.	SPKO	79	rps12 [complement(104460..104485)], rps12 [complement(105026..105257)],	trnK-UUU [complement(2147..4713)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(75562..75687)], trnK-UUU [complement(2105..2146)], trnK-UUU [complement(4714..4750)], rps16 [complement(5526..5722)], rps16 [complement(6743..6782)], trnG-UCC [10977..11000], trnG-UCC [11745..11792], atpF [complement(13761..14161)], atpF [complement(14983..15127)], rpoC1 [complement(23044..24663)], rpoC1 [complement(25408..25860)], ycf3 [complement(45715..45867)], ycf3 [complement(46682..46911)], ycf3 [complement(47666..47789)], trnL-UAA [51383..51419], trnL-UAA [51934..51983], trnV-UAC [complement(56313..56349)], trnV-UAC [complement(56945..56982)], rps12 [complement(75562..75687)], rps12 [148572..148803], rps12 [149344..149369], clpP [complement(75866..76111)], clpP [complement(76768..77059)], clpP [complement(77879..77949)], petB [81628..81633], petB [81687..82328], petD [82535..82542], petD [83288..83762], rpl16 [complement(87303..87701)], rpl16 [complement(88786..88794)], rpl2 [complement(90512..90942)], rpl2 [complement(91605..91995)], ndhB [complement(101401..102156)], ndhB [complement(102832..103608)], trnI-GAU [109266..109307], trnI-GAU [110250..110284], ycf68 [109407..109448], ycf68 [109480..109782], trnA-UGC [110349..110386], trnA-UGC [111190..111224], ndhA [complement(127393..127931)], ndhA [complement(129028..129580)], trnA-UGC [complement(142605..142639)], trnA-UGC [complement(143443..143480)], trnI-GAU [complement(143545..143579)], trnI-GAU [complement(144522..144563)], ycf68 [complement(144047..144349)], ycf68 [complement(144381..144422)], ndhB [150221..150997], ndhB [151673..152428], rpl2 [161834..162224], rpl2 [162887..163317]	[complement(5723..6742)], trnG-UCC [11001..11744], atpF [complement(14162..14982)], rpoC1 [complement(24664..25407)], ycf3 [complement(45868..46681)], ycf3 [complement(46912..47665)], trnL-UAA [51420..51933], trnV-UAC [complement(56350..56944)], clpP [complement(76112..76767)], clpP [complement(77060..77878)], petB [81634..81686], petD [82543..83287], rpl16 [complement(87702..88785)], rpl2 [complement(90943..91604)], ndhB [complement(102157..102831)], trnI-GAU [109308..110249], ycf68 [109449..109479], trnA-UGC [110387..111189], ndhA [complement(127932..129027)], trnA-UGC [complement(142640..143442)], trnI-GAU [complement(143580..144521)], ycf68 [complement(144350..144380)], ndhB [150998..151672], rpl2 [162225..162886]
3386.	SPMA	2	rps12 [127062..127090]	trnG-UCC [complement(13228..13911)]
3387.	SPMI	64	rps12 [complement(89401..89429)], rps12 [complement(89970..90201)], rps12 [complement(67828..67941)], trnK-UUU [complement(1383..1415)], trnK-UUU [complement(3907..3944)], rps16 [complement(4491..4708)], rps16 [complement(5536..5575)], trnG-UCC [complement(13207..13254)], trnG-UCC [complement(13938..13960)], atpF [33512..33670], atpF [34493..34900],	trnK-UUU [complement(1416..3906)], rps16 [complement(4709..5535)], trnG-UCC [complement(13255..13937)], atpF [33671..34492], ycf3 [complement(42794..43512)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>ycf3 [complement(42635..42793)], ycf3 [complement(43513..43740)], ycf3 [complement(44483..44608)], trnL-UAA [47353..47387], trnL-UAA [47942..47991], trnV-UAC [complement(51452..51498)], trnV-UAC [complement(52085..52123)], rps12 [126339..126570], rps12 [127111..127139], petB [71682..71687], petB [72464..73111], petD [73287..73294], petD [74042..74516], rpl16 [complement(78065..78466)], rpl16 [complement(79533..79541)], rpl2 [complement(81490..81921)], rpl2 [complement(82582..82974)], ndhB [complement(86329..87085)], ndhB [complement(87798..88573)], trnI-GAU [93986..94027], trnI-GAU [94728..94762], trnA-UGC [94828..94865], trnA-UGC [95676..95710], ndhA [complement(111325..111864)], ndhA [complement(112900..113448)], trnA-UGC [complement(120830..120864)], trnA-UGC [complement(121675..121712)], trnI-GAU [complement(121778..121812)], trnI-GAU [complement(122513..122554)], ndhB [127967..128742], ndhB [129455..130211], rpl2 [133566..133958], rpl2 [134619..135050]</p>	<p>[complement(43741..44482)], trnL-UAA [47388..47941], trnV-UAC [complement(51499..52084)], petB [71688..72463], petD [73295..74041], rpl16 [complement(78467..79532)], rpl2 [complement(81922..82581)], ndhB [complement(87086..87797)], trnI-GAU [94028..94727], trnA-UGC [94866..95675], ndhA [complement(111865..112899)], trnA-UGC [complement(120865..121674)], trnI-GAU [complement(121813..122512)], ndhB [128743..129454], rpl2 [133959..134618]</p>
3388.	SPMO	61	<p>rps12 [complement(104065..104090)], rps12 [complement(104642..104858)], rps12 [complement(75575..75688)], rps19 [162155..162302], rps19 [1..2], rps16 [complement(5827..6052)], rps16 [complement(6924..6964)], atpF [complement(13705..14143)], atpF [complement(14838..15004)], rpoC1 [complement(23120..24739)], rpoC1 [complement(25507..25941)], ycf3 [complement(46749..46901)], ycf3 [complement(47665..47892)], ycf3 [complement(48615..48743)], trnL-UAA [52070..52106], trnL-UAA [52635..52684], trnV-UAC [complement(56526..56562)], trnV-UAC [complement(57148..57186)], rps12 [complement(75575..75688)], rps12 [147383..147614], rps12 [148151..148176], clpP [complement(75848..76046)], clpP [complement(76735..77025)], clpP [complement(77836..77903)], rpl2 [complement(90286..90714)], rpl2 [complement(91383..91775)], ndhB [complement(101007..101763)], ndhB [complement(102445..103220)], trnI-GAU [108762..108803], trnI-GAU [109753..109787], trnA-UGC [109852..109889], trnA-UGC [110730..110764], ndhA [complement(127010..127549)], ndhA [complement(128656..129219)], trnA-UGC [complement(141477..141511)], trnA-UGC</p>	<p>rps19 [162303..0], rps16 [complement(6053..6923)], atpF [complement(14144..14837)], rpoC1 [complement(24740..25506)], ycf3 [complement(46902..47664)], ycf3 [complement(47893..48614)], trnL-UAA [52107..52634], trnV-UAC [complement(56563..57147)], clpP [complement(76047..76734)], clpP [complement(77026..77835)], rpl2 [complement(90715..91382)], ndhB [complement(101764..102444)], trnI-GAU [108804..109752], trnA-UGC [109890..110729], ndhA [complement(127550..128655)], trnA-UGC [complement(141512..142351)], trnI-GAU [complement(142489..143437)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(142352..142389)], trnI-GAU [complement(142454..142488)], trnI-GAU [complement(143438..143479)], ndhB [149021..149796], ndhB [150478..151234], rpl2 [160466..160858], rpl2 [161527..161955]	[149797..150477], rpl2 [160859..161526]
3389.	SPOL	1	rps12 [138106..138131]	-
3390.	SPPO	41	rps12 [complement(105086..105112)], rps12 [complement(105653..105883)], rps12 [complement(76078..76191)], trnK-UUU [complement(2004..2045)], trnK-UUU [complement(4596..4632)], trnG-UCC [11041..11064], trnG-UCC [11789..11836], rpoC1 [complement(23106..24734)], trnL-UAA [52501..52537], trnL-UAA [53062..53111], trnV-UAC [complement(57414..57450)], trnV-UAC [complement(58050..58086)], trnI-GAU [109895..109936], trnI-GAU [110736..110770], trnA-UGC [110835..110872], trnA-UGC [111672..111706], trnA-UGC [complement(148305..148339)], trnA-UGC [complement(149139..149176)], trnI-GAU [complement(149241..149275)], trnI-GAU [complement(150075..150116)]	trnK-UUU [complement(2046..4595)], rps16 [complement(5387..6351)], trnG-UCC [11065..11788], atpF [complement(14206..15150)], rpoC1 [complement(24735..25441)], ycf3 [complement(47294..48060)], ycf3 [complement(48289..49034)], trnL-UAA [52538..53061], trnV-UAC [complement(57451..58049)], clpP [complement(76617..77270)], clpP [complement(77562..78366)], petB [82107..82153], rpl2 [complement(91656..92318)], ndhB [complement(102757..103460)], trnI-GAU [109937..110735], trnA-UGC [110873..111671], ndhA [complement(134207..135258)], trnA-UGC [complement(148340..149138)], trnI-GAU [complement(149276..150074)], ndhB [156551..157254], rpl2 [167693..168355]
3391.	SPST	44	rps12 [complement(103328..103353)], rps12 [complement(103895..104126)], rps12 [complement(74537..74650)], trnK-UUU [complement(1378..1412)], trnK-UUU [complement(4090..4126)], trnG-GCC [10110..10133], trnG-GCC [10827..10874], trnL-UAA [50236..50270], trnL-UAA [50808..50860], trnV-UAC [complement(54754..54790)], trnV-UAC [complement(55375..55410)], rps12 [complement(74537..74650)], rps12 [147364..147389], trnI-GAU [107961..108002], trnI-GAU [108945..108979], trnA-UGC [109043..109080], trnA-UGC [109882..109916], trnA-UGC [complement(140801..140835)],	trnK-UUU [complement(1413..4089)], rps16 [complement(5067..5911)], trnG-GCC [10134..10826], atpF [complement(13223..14040)], rpoC1 [complement(23726..24437)], ycf3 [complement(45195..45924)], ycf3 [complement(46153..46891)], trnL-UAA [50271..50807], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(141637..141673)], trnI-GAU [complement(141738..141772)], trnI-GAU [complement(142715..142756)]	[complement(54791..55374)], clpP [complement(75036..75703)], clpP [complement(75995..76820)], petB [79823..80614], petD [81455..82196], rpl16 [complement(86578..87693)], rpl2 [complement(90053..90711)], ndhB [complement(101009..101712)], trnI-GAU [108003..108944], trnA-UGC [109081..109881], ndhA [complement(126759..127852)], trnA-UGC [complement(140836..141636)], trnI-GAU [complement(141773..142714)], ndhB [149005..149708], rpl2 [160006..160664]
3392.	SPTU	46	rps16 [complement(5727..5952)], rps16 [complement(6818..6858)], atpF [complement(13615..14053)], atpF [complement(14768..14934)], rpoC1 [complement(23054..24673)], rpoC1 [complement(25432..25866)], ycf3 [complement(46418..46570)], ycf3 [complement(47328..47555)], ycf3 [complement(48279..48407)], trnL-UAA [51705..51741], trnL-UAA [52271..52320], trnV-UAC [complement(56179..56215)], trnV-UAC [complement(56801..56839)], clpP [complement(75459..75657)], clpP [complement(76348..76638)], clpP [complement(77448..77515)], rpl2 [complement(89898..90326)], rpl2 [complement(90995..91387)], ndhB [complement(100563..101319)], ndhB [complement(102001..102776)], trnI-GAU [108294..108335], trnI-GAU [109286..109320], trnA-UGC [109385..109422], trnA-UGC [110263..110297], ndhA [complement(126791..127330)], ndhA [complement(128435..128998)], ndhB [148778..149569], ndhB [150377..150991], rpl2 [160203..160595], rpl2 [161264..161692]	rps16 [complement(5953..6817)], atpF [complement(14054..14767)], rpoC1 [complement(24674..25431)], ycf3 [complement(46571..47327)], ycf3 [complement(47556..48278)], trnL-UAA [51742..52270], trnV-UAC [complement(56216..56800)], clpP [complement(75658..76347)], clpP [complement(76639..77447)], rpl2 [complement(90327..90994)], ndhB [complement(101320..102000)], trnI-GAU [108336..109285], trnA-UGC [109423..110262], ndhA [complement(127331..128434)], ndhB [149570..150376], rpl2 [160596..161263]
3393.	STAD	17	rps12 [complement(75903..76016)], rps12 [148368..148393]	rps16 [complement(6233..7128)], atpF [complement(14474..15214)], rpoC1 [complement(25541..26349)], ycf3 [complement(47780..48533)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(48764..49484)], clpP [complement(76479..77052)], clpP [complement(77344..78146)], petB [81197..81995], petD [82872..83616], rpl16 [complement(88210..89316)], rpl2 [complement(91648..92309)], ndhB [complement(102519..103203)], ndhA [complement(127347..128821)], ndhB [150011..150695], rpl2 [160905..161566]
3394.	STAL	7	trnG-GCC [complement(104799..104822)], rpoC1 [115264..116889], ycf3 [complement(135844..135969)]	trnL-UAA [913..1436], trnV-UAC [complement(5071..5666)], trnG-GCC [complement(104128..104798)], rpoC1 [115276..115263]
3395.	STAM	38	rps12 [complement(92905..92933)], rps12 [complement(93474..93705)], rps12 [complement(70134..70250)], trnK-UUU [complement(1374..1408)], trnK-UUU [complement(3912..3948)], rps16 [complement(4512..4729)], rps16 [complement(5559..5598)], atpF [34651..34809], atpF [35634..36041], trnL- UAA [48563..48597], trnL-UAA [49136..49185], trnV-UAC [complement(52711..52747)], trnV-UAC [complement(53346..53384)], rps12 [130332..130563], rps12 [131104..131132], petB [73919..73924], petB [74735..75376], ndhB [complement(89832..90587)], ndhB [complement(91300..92076)], ndhA [complement(115036..115575)], ndhA [complement(116599..117147)], trnA-UGC [complement(124531..124565)], trnA-UGC [complement(125377..125415)], trnI-GAU [complement(125480..125514)], trnI-GAU [complement(126460..126501)], ndhB [131961..132737], ndhB [133450..134205]	trnK-UUU [complement(1409..3911)], rps16 [complement(4730..5558)], atpF [34810..35633], trnL-UAA [48598..49135], trnV-UAC [complement(52748..53345)], petB [73925..74734], ndhB [complement(90588..91299)], ndhA [complement(115576..116598)], trnA-UGC [complement(124566..125376)], trnI-GAU [complement(125515..126459)], ndhB [132738..133449]
3396.	STAR	7	trnG-GCC [complement(104738..104761)], rpoC1 [115173..116798], ycf3 [complement(135751..135876)]	trnL-UAA [912..1435], trnV-UAC [complement(5072..5667)], trnG-GCC [complement(104062..104737)], rpoC1 [115185..115172]
3397.	STAS	62	rps12 [complement(92332..92360)], rps12 [complement(92901..93132)], rps12 [complement(69200..69313)], trnK-UUU [complement(1382..1414)],	trnK-UUU [complement(1415..3897)], rps16 [complement(4689..5533)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3898..3935)], rps16 [complement(4471..4688)], rps16 [complement(5534..5573)], trnG-UCC [complement(13503..13550)], trnG-UCC [complement(14244..14266)], atpF [34994..35152], atpF [35968..36375], ycf3 [complement(44181..44333)], ycf3 [complement(45064..45291)], ycf3 [complement(46022..46153)], trnL-UAA [48873..48907], trnL-UAA [49451..49500], trnV-UAC [complement(53139..53175)], trnV-UAC [complement(53767..53805)], petB [73077..73082], petB [73858..74505], petD [74693..74700], petD [75430..75904], rpl16 [complement(79442..79843)], rpl16 [complement(80972..80980)], rpl2 [complement(82939..83370)], rpl2 [complement(84034..84423)], ndhB [complement(89259..90014)], ndhB [complement(90727..91503)], trnI-GAU [96992..97033], trnI-GAU [97981..98015], trnA-UGC [98081..98118], trnA-UGC [98929..98963], ndhA [complement(114498..115037)], ndhA [complement(116058..116606)], trnA-UGC [complement(123977..124011)], trnA-UGC [complement(124822..124859)], trnI-GAU [complement(124925..124959)], trnI-GAU [complement(125907..125948)], ndhB [131437..132213], ndhB [132926..133681], rpl2 [138517..138906], rpl2 [139570..140001]	[complement(13551..14243)], atpF [35153..35967], ycf3 [complement(44334..45063)], ycf3 [complement(45292..46021)], trnL-UAA [48908..49450], trnV-UAC [complement(53176..53766)], petB [73083..73857], petD [74701..75429], rpl16 [complement(79844..80971)], rpl2 [complement(83371..84033)], ndhB [complement(90015..90726)], trnI-GAU [97034..97980], trnA-UGC [98119..98928], ndhA [complement(115038..116057)], trnA-UGC [complement(124012..124821)], trnI-GAU [complement(124960..125906)], ndhB [132214..132925], rpl2 [138907..139569]
3398.	STBI	72	rps12 [complement(94990..95015)], rps12 [complement(95552..95783)], rps12 [complement(67683..67796)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4242..4278)], rps16 [complement(4922..5148)], rps16 [complement(6023..6062)], trnG-UCC [8873..8895], trnG-UCC [9585..9632], atpF [complement(11572..11982)], atpF [complement(12638..12781)], rpoC1 [complement(20628..22262)], rpoC1 [complement(23030..23464)], ycf3 [complement(41642..41794)], ycf3 [complement(42519..42748)], ycf3 [complement(43461..43584)], trnL-UAA [45904..45940], trnL-UAA [46428..46477], trnV-UAC [complement(50115..50151)], trnV-UAC [complement(50730..50767)], rps12 [136097..136328], rps12 [136865..136890], clpP [complement(67922..68149)], clpP [complement(68765..69056)], clpP [complement(69714..69784)], petB [72698..72703], petB [73421..74071], petD [74266..74273], petD [75001..75475], rpl16 [complement(78897..79289)], rpl16 [complement(80190..80198)], rpl2 [complement(81845..82278)], rpl2	trnK-UUU [complement(1734..4241)], rps16 [complement(5149..6022)], trnG-UCC [8896..9584], atpF [complement(11983..12637)], rpoC1 [complement(22263..23029)], ycf3 [complement(41795..42518)], ycf3 [complement(42749..43460)], trnL-UAA [45941..46427], trnV-UAC [complement(50152..50729)], clpP [complement(68150..68764)], clpP [complement(69057..69713)], petB [72704..73420], petD [74274..75000], rpl16 [complement(79290..80189)], rpl2 [complement(82279..82935)], ndhB [complement(92744..93422)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82936..83326)], ndhB [complement(91988..92743)], ndhB [complement(93423..94199)], trnI-GAU [99320..99356], trnI-GAU [100294..100328], trnA-UGC [100393..100430], trnA-UGC [101237..101271], ndhA [complement(116181..116719)], ndhA [complement(117739..118291)], trnA-UGC [complement(130609..130643)], trnA-UGC [complement(131450..131487)], trnI-GAU [complement(131552..131586)], trnI-GAU [complement(132524..132560)], ndhB [137681..138457], ndhB [139137..139892], rpl2 [148554..148944], rpl2 [149602..150035]	[99357..100293], trnA-UGC [100431..101236], ndhA [complement(116720..117738)], trnA-UGC [complement(130644..131449)], trnI-GAU [complement(131587..132523)], ndhB [138458..139136], rpl2 [148945..149601]
3399.	STBO	7	trnG-GCC [complement(104803..104826)], rpoC1 [115238..116863], ycf3 [complement(135819..135944)]	trnL-UAA [913..1436], trnV-UAC [complement(5072..5667)], trnG-GCC [complement(104132..104802)], rpoC1 [115250..115237]
3400.	STBR	7	trnG-GCC [complement(104795..104818)], rpoC1 [115262..116887], ycf3 [complement(135844..135969)]	trnL-UAA [907..1430], trnV-UAC [complement(5065..5660)], trnG-GCC [complement(104124..104794)], rpoC1 [115274..115261]
3401.	STBY	72	rps12 [complement(94542..94567)], rps12 [complement(95104..95335)], rps12 [complement(67186..67299)], trnK-UUU [complement(1678..1712)], trnK-UUU [complement(4218..4254)], rps16 [complement(4907..5133)], rps16 [complement(6008..6047)], trnG-UCC [8741..8763], trnG-UCC [9452..9499], atpF [complement(11450..11866)], atpF [complement(12522..12665)], rpoC1 [complement(20342..21961)], rpoC1 [complement(22718..23152)], ycf3 [complement(41282..41434)], ycf3 [complement(42156..42385)], ycf3 [complement(43096..43219)], trnL-UAA [45510..45546], trnL-UAA [46034..46083], trnV-UAC [complement(49628..49664)], trnV-UAC [complement(50242..50279)], rps12 [135685..135916], rps12 [136453..136478], clpP [complement(67425..67652)], clpP [complement(68274..68565)], clpP [complement(69229..69299)], petB [72213..72218], petB [72939..73589], petD [73784..73791], petD [74526..75000], rpl16 [complement(78408..78800)], rpl16 [complement(79706..79714)], rpl2 [complement(81365..81798)], rpl2 [complement(82466..82856)], ndhB [complement(91535..92290)], ndhB	trnK-UUU [complement(1713..4217)], rps16 [complement(5134..6007)], trnG-UCC [8764..9451], atpF [complement(11867..12521)], rpoC1 [complement(21962..22717)], ycf3 [complement(41435..42155)], ycf3 [complement(42386..43095)], trnL-UAA [45547..46033], trnV-UAC [complement(49665..50241)], clpP [complement(67653..68273)], clpP [complement(68566..69228)], petB [72219..72938], petD [73792..74525], rpl16 [complement(78801..79705)], rpl2 [complement(81799..82465)], ndhB [complement(92291..92969)], trnI-GAU [98892..99829], trnA-UGC [99967..100772],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(92970..93746)], trnI-GAU [98855..98891], trnI-GAU [99830..99864], trnA-UGC [99929..99966], trnA-UGC [100773..100807], ndhA [complement(115753..116291)], ndhA [complement(117332..117884)], trnA-UGC [complement(130213..130247)], trnA-UGC [complement(131054..131091)], trnI-GAU [complement(131156..131190)], trnI-GAU [complement(132129..132165)], ndhB [137274..138050], ndhB [138730..139485], rpl2 [148164..148554], rpl2 [149222..149655]	ndhA [complement(116292..117331)], trnA-UGC [complement(130248..131053)], trnI-GAU [complement(131191..132128)], ndhB [138051..138729], rpl2 [148555..149221]
3402.	STCA	73	rps12 [complement(100955..100980)], rps12 [complement(101517..101748)], rps12 [complement(72935..73048)], trnK-UUU [complement(1734..1768)], trnK-UUU [complement(4281..4317)], rps16 [complement(5123..5347)], rps16 [complement(6208..6246)], trnG [10012..10034], trnG [10726..10773], atpF [complement(12752..13159)], atpF [complement(13864..14022)], rpoC1 [complement(21997..23622)], rpoC1 [complement(24367..24801)], ycf3 [complement(45009..45161)], ycf3 [complement(45902..46129)], ycf3 [complement(46852..46977)], trnL-UAA [50189..50225], trnL-UAA [50737..50786], trnV-UAC [complement(54024..54060)], trnV-UAC [complement(54650..54688)], rps12 [complement(72935..73048)], rps12 [144131..144362], rps12 [144899..144924], clpP [complement(73192..73482)], clpP [complement(74085..74375)], clpP [complement(75187..75255)], petB [78181..78186], petB [78954..79610], petD [79799..79807], petD [80442..80966], rpl16 [complement(84458..84859)], rpl16 [complement(85890..85898)], rpl2 [complement(87549..87983)], rpl2 [complement(88651..89043)], ndhB [complement(97897..98652)], ndhB [complement(99332..100108)], trnI-GAU [105696..105737], trnI-GAU [106680..106714], trnA-UGC [106779..106816], trnA-UGC [107624..107658], ndhA [complement(123614..124153)], ndhA [complement(125244..125801)], trnA-UGC [complement(138221..138255)], trnA-UGC [complement(139063..139100)], trnI-GAU [complement(139165..139199)], trnI-GAU [complement(140142..140183)], ndhB [145771..146547], ndhB [147227..147982], rpl2 [156836..157225], rpl2 [157896..158330]	trnK-UUU [complement(1769..4280)], rps16 [complement(5348..6207)], trnG [10035..10725], atpF [complement(13160..13863)], rpoC1 [complement(23623..24366)], ycf3 [complement(45162..45901)], ycf3 [complement(46130..46851)], trnL-UAA [50226..50736], trnV-UAC [complement(54061..54649)], clpP [complement(73483..74084)], clpP [complement(74376..75186)], petB [78187..78953], petD [79808..80441], rpl16 [complement(84860..85889)], rpl2 [complement(87984..88650)], ndhB [complement(98653..99331)], trnI-GAU [105738..106679], trnA-UGC [106817..107623], ndhA [complement(124154..125243)], trnA-UGC [complement(138256..139062)], trnI-GAU [complement(139200..140141)], ndhB [146548..147226], rpl2 [157226..157895]
3403.	STCB	66	rps12 [complement(99150..99175)], rps12 [complement(99712..99943)], rps12 [complement(71517..71630)], trnK-UUU [complement(1748..1782)],	trnK-UUU [complement(1783..4294)], rps16 [complement(4997..5874)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4295..4331)], rps16 [complement(4771..4996)], rps16 [complement(5875..5915)], trnG-UCC [8740..8762], trnG-UCC [9488..9535], atpF [complement(11523..11932)], atpF [complement(12676..12820)], rpoC1 [complement(20384..21994)], rpoC1 [complement(22779..23210)], ycf3 [complement(42701..42853)], ycf3 [complement(43625..43852)], ycf3 [complement(44614..44739)], trnL-UAA [47879..47915], trnL-UAA [48462..48511], trnV-UAC [complement(52445..52479)], trnV-UAC [complement(53074..53112)], rps12 [141384..141615], rps12 [142152..142177], clpP [complement(71775..72002)], clpP [complement(72651..72942)], clpP [complement(73862..73932)], petB [76905..76910], petB [77617..78258], petD [78471..78478], petD [79251..79275], rpl16 [complement(83171..83569)], rpl16 [complement(84607..84615)], ndhB [complement(96094..96849)], ndhB [complement(97523..98299)], trnI-GAU [103539..103575], trnI-GAU [104529..104563], trnA-UGC [104634..104671], trnA-UGC [105491..105525], ndhA [complement(121285..121823)], ndhA [complement(122795..123347)], trnA-UGC [complement(135802..135836)], trnA-UGC [complement(136656..136693)], trnI-GAU [complement(136764..136798)], trnI-GAU [complement(137752..137788)], ndhB [143028..143804], ndhB [144478..145233]	[8763..9487], atpF [complement(11933..12675)], rpoC1 [complement(21995..22778)], ycf3 [complement(42854..43624)], ycf3 [complement(43853..44613)], trnL-UAA [47916..48461], trnV-UAC [complement(52480..53073)], clpP [complement(72003..72650)], clpP [complement(72943..73861)], petB [76911..77616], petD [78479..79250], rpl16 [complement(83570..84606)], ndhB [complement(96850..97522)], trnI-GAU [103576..104528], trnA-UGC [104672..105490], ndhA [complement(121824..122794)], trnA-UGC [complement(135837..136655)], trnI-GAU [complement(136799..137751)], ndhB [143805..144477]
3404.	STCH	72	rps12 [complement(95004..95029)], rps12 [complement(95566..95797)], rps12 [complement(67674..67787)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4242..4278)], rps16 [complement(4917..5143)], rps16 [complement(6018..6057)], trnG-UCC [8868..8890], trnG-UCC [9580..9627], atpF [complement(11567..11977)], atpF [complement(12633..12776)], rpoC1 [complement(20622..22256)], rpoC1 [complement(23024..23458)], ycf3 [complement(41642..41794)], ycf3 [complement(42519..42748)], ycf3 [complement(43460..43583)], trnL-UAA [45903..45939], trnL-UAA [46427..46476], trnV-UAC [complement(50118..50154)], trnV-UAC [complement(50727..50764)], rps12 [136199..136430], rps12 [136967..136992], clpP [complement(67913..68140)], clpP [complement(68756..69047)], clpP [complement(69705..69775)], petB	trnK-UUU [complement(1734..4241)], rps16 [complement(5144..6017)], trnG-UCC [8891..9579], atpF [complement(11978..12632)], rpoC1 [complement(22257..23023)], ycf3 [complement(41795..42518)], ycf3 [complement(42749..43459)], trnL-UAA [45940..46426], trnV-UAC [complement(50155..50726)], clpP [complement(68141..68755)], clpP [complement(69048..69704)], petB [72695..73411], petD [74265..74991], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[72689..72694], petB [73412..74062], petD [74257..74264], petD [74992..75466], rpl16 [complement(78888..79280)], rpl16 [complement(80181..80189)], rpl2 [complement(81836..82269)], rpl2 [complement(82927..83317)], ndhB [complement(91997..92752)], ndhB [complement(93432..94208)], trnI-GAU [99334..99370], trnI-GAU [100308..100342], trnA-UGC [100407..100444], trnA-UGC [101251..101285], ndhA [complement(116283..116821)], ndhA [complement(117841..118393)], trnA-UGC [complement(130711..130745)], trnA-UGC [complement(131552..131589)], trnI-GAU [complement(131654..131688)], trnI-GAU [complement(132626..132662)], ndhB [137788..138564], ndhB [139244..139999], rpl2 [148679..149069], rpl2 [149727..150160]	[complement(79281..80180)], rpl2 [complement(82270..82926)], ndhB [complement(92753..93431)], trnI-GAU [99371..100307], trnA-UGC [100445..101250], ndhA [complement(116822..117840)], trnA-UGC [complement(130746..131551)], trnI-GAU [complement(131689..132625)], ndhB [138565..139243], rpl2 [149070..149726]
3405.	STCL	73	rps12 [complement(100985..101010)], rps12 [complement(101547..101778)], rps12 [complement(72905..73018)], trnK-UUU [complement(1732..1766)], trnK-UUU [complement(4299..4335)], rps16 [complement(5139..5363)], rps16 [complement(6225..6263)], trnG [10027..10049], trnG [10740..10787], atpF [complement(12743..13150)], atpF [complement(13855..14013)], rpoC1 [complement(21992..23623)], rpoC1 [complement(24368..24802)], ycf3 [complement(45013..45165)], ycf3 [complement(45898..46125)], ycf3 [complement(46848..46973)], trnL-UAA [50192..50228], trnL-UAA [50742..50791], trnV-UAC [complement(54009..54045)], trnV-UAC [complement(54632..54670)], rps12 [complement(72905..73018)], rps12 [144147..144378], rps12 [144915..144940], clpP [complement(73162..73452)], clpP [complement(74056..74346)], clpP [complement(75168..75236)], petB [78165..78170], petB [78944..79600], petD [79789..79797], petD [80432..80956], rpl16 [complement(84478..84879)], rpl16 [complement(85921..85929)], rpl2 [complement(87580..88014)], rpl2 [complement(88682..89074)], ndhB [complement(97927..98682)], ndhB [complement(99362..100138)], trnI-GAU [105715..105756], trnI-GAU [106698..106732], trnA-UGC [106797..106834], trnA-UGC [107642..107676], ndhA [complement(123658..124197)], ndhA [complement(125300..125857)], trnA-UGC [complement(138249..138283)], trnA-UGC [complement(139091..139128)], trnI-GAU [complement(139193..139227)],	trnK-UUU [complement(1767..4298)], rps16 [complement(5364..6224)], trnG [10050..10739], atpF [complement(13151..13854)], rpoC1 [complement(23624..24367)], ycf3 [complement(45166..45897)], ycf3 [complement(46126..46847)], trnL-UAA [50229..50741], trnV-UAC [complement(54046..54631)], clpP [complement(73453..74055)], clpP [complement(74347..75167)], petB [78171..78943], petD [79798..80431], rpl16 [complement(84880..85920)], rpl2 [complement(88015..88681)], ndhB [complement(98683..99361)], trnI-GAU [105757..106697], trnA-UGC [106835..107641], ndhA [complement(124198..125299)], trnA-UGC [complement(138284..139090)], trnI-GAU [complement(139228..140168)], ndhB [146564..147242], rpl2 [157241..157910]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(140169..140210)], ndhB [145787..146563], ndhB [147243..147998], rpl2 [156851..157240], rpl2 [157911..158345]	
3406.	STCM	32	rps12 [complement(100444..100469)], rps12 [complement(101007..101238)], rps12 [complement(73233..73346)], rpl2 [171894..172284], rps12 [complement(73233..73346)], rps12 [158913..159144], rps12 [159682..159707], petB [77884..78582], rpl2 [complement(87867..88257)]	rpl2 [172285..172989], rpl2 [173382..0], trnK-UUU [complement(1910..4414)], rps16 [complement(5355..6273)], trnG-UCC [9738..10452], atpF [complement(13039..13934)], rpoC1 [complement(24013..24801)], ycf3 [complement(45433..46199)], ycf3 [complement(46428..47168)], trnL-UAA [50480..51026], trnV-UAC [complement(54221..54817)], petB [77130..77883], petD [78805..79583], rpl16 [complement(83979..85046)], rpl2 [complement(87162..87866)], ndhB [complement(98142..98827)], trnI-GAU [105213..106172], trnA-UGC [106309..107127], ndhA [120202..121363], ndhA [complement(138788..139949)], trnA-UGC [complement(153024..153842)], trnI-GAU [complement(153979..154938)], ndhB [161324..162009]
3407.	STCO	72	rps12 [complement(95008..95033)], rps12 [complement(95570..95801)], rps12 [complement(67656..67769)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4242..4278)], rps16 [complement(4917..5143)], rps16 [complement(6018..6057)], trnG-UCC [8859..8881], trnG-UCC [9571..9618], atpF [complement(11558..11968)], atpF [complement(12624..12767)], rpoC1 [complement(20613..22247)], rpoC1 [complement(23015..23449)], ycf3 [complement(41610..41762)], ycf3 [complement(42487..42716)], ycf3 [complement(43429..43552)], trnL-UAA [45867..45903], trnL-UAA [46391..46440], trnV-UAC [complement(50082..50118)], trnV-UAC [complement(50697..50734)], rps12 [136214..136445], rps12	trnK-UUU [complement(1734..4241)], rps16 [complement(5144..6017)], trnG-UCC [8882..9570], atpF [complement(11969..12623)], rpoC1 [complement(22248..23014)], ycf3 [complement(41763..42486)], ycf3 [complement(42717..43428)], trnL-UAA [45904..46390], trnV-UAC [complement(50119..50696)], clpP [complement(68123..68736)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[136982..137007], clpP [complement(67895..68122)], clpP [complement(68737..69028)], clpP [complement(69686..69756)], petB [72688..72693], petB [73411..74061], petD [74256..74263], petD [74991..75465], rpl16 [complement(78886..79278)], rpl16 [complement(80179..80187)], rpl2 [complement(81834..82267)], rpl2 [complement(82925..83315)], ndhB [complement(92001..92756)], ndhB [complement(93436..94212)], trnI-GAU [99338..99374], trnI-GAU [100312..100346], trnA-UGC [100411..100448], trnA-UGC [101255..101289], ndhA [complement(116289..116827)], ndhA [complement(117847..118399)], trnA-UGC [complement(130726..130760)], trnA-UGC [complement(131567..131604)], trnI-GAU [complement(131669..131703)], trnI-GAU [complement(132641..132677)], ndhB [137803..138579], ndhB [139259..140014], rpl2 [148700..149090], rpl2 [149748..150181]	[complement(69029..69685)], petB [72694..73410], petD [74264..74990], rpl16 [complement(79279..80178)], rpl2 [complement(82268..82924)], ndhB [complement(92757..93435)], trnI-GAU [99375..100311], trnA-UGC [100449..101254], ndhA [complement(116828..117846)], trnA-UGC [complement(130761..131566)], trnI-GAU [complement(131704..132640)], ndhB [138580..139258], rpl2 [149091..149747]
3408.	STCP	7	trnG-GCC [complement(104782..104805)], rpoC1 [115249..116874], ycf3 [complement(135823..135948)]	trnL-UAA [914..1437], trnV-UAC [complement(5073..5668)], trnG-GCC [complement(104111..104781)], rpoC1 [115261..115248]
3409.	STCR	73	rps12 [complement(100973..100998)], rps12 [complement(101535..101766)], rps12 [complement(72911..73024)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4280..4316)], rps16 [complement(5119..5343)], rps16 [complement(6205..6243)], trnG [10006..10028], trnG [10720..10767], atpF [complement(12741..13148)], atpF [complement(13853..14011)], rpoC1 [complement(21988..23619)], rpoC1 [complement(24336..24770)], ycf3 [complement(44976..45128)], ycf3 [complement(45865..46092)], ycf3 [complement(46814..46939)], trnL-UAA [50159..50195], trnL-UAA [50708..50757], trnV-UAC [complement(54031..54067)], trnV-UAC [complement(54654..54692)], rps12 [complement(72911..73024)], rps12 [144172..144403], rps12 [144940..144965], clpP [complement(73181..73471)], clpP [complement(74074..74364)], clpP [complement(75181..75249)], petB [78176..78181], petB [78955..79611], petD [79800..79808], petD [80443..80967], rpl16 [complement(84458..84859)], rpl16 [complement(85909..85917)], rpl2 [complement(87567..88001)], rpl2	trnK-UUU [complement(1768..4279)], rps16 [complement(5344..6204)], trnG [10029..10719], atpF [complement(13149..13852)], rpoC1 [complement(23620..24335)], ycf3 [complement(45129..45864)], ycf3 [complement(46093..46813)], trnL-UAA [50196..50707], trnV-UAC [complement(54068..54653)], clpP [complement(73472..74073)], clpP [complement(74365..75180)], petB [78182..78954], petD [79809..80442], rpl16 [complement(84860..85908)], rpl2 [complement(88002..88668)], ndhB [complement(98671..99349)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88669..89061)], ndhB [complement(97915..98670)], ndhB [complement(99350..100126)], trnI-GAU [105715..105756], trnI-GAU [106698..106732], trnA-UGC [106797..106834], trnA-UGC [107642..107676], ndhA [complement(123655..124194)], ndhA [complement(125285..125842)], trnA-UGC [complement(138262..138296)], trnA-UGC [complement(139104..139141)], trnI-GAU [complement(139206..139240)], trnI-GAU [complement(140182..140223)], ndhB [145812..146588], ndhB [147268..148023], rpl2 [156877..157266], rpl2 [157937..158371]	[105757..106697], trnA-UGC [106835..107641], ndhA [complement(124195..125284)], trnA-UGC [complement(138297..139103)], trnI-GAU [complement(139241..140181)], ndhB [146589..147267], rpl2 [157267..157936]
3410.	STCS	69	rps12 [complement(98027..98052)], rps12 [complement(98589..98817)], rps12 [complement(69535..69648)], trnK-UUU [complement(1527..1561)], trnK-UUU [complement(3953..3990)], rps16 [complement(4406..4632)], rps16 [complement(5515..5554)], trnS-CGA [8699..8731], trnS-CGA [9417..9476], atpF [complement(11410..11880)], atpF [complement(12581..12721)], rpoC1 [complement(20604..22223)], rpoC1 [complement(23071..23502)], ycf3 [complement(42521..42673)], ycf3 [complement(43377..43606)], ycf3 [complement(44329..44452)], trnL-UAA [47215..47250], trnL-UAA [47727..47775], trnV [complement(51620..51654)], trnV [complement(52250..52288)], rps12 [138983..139211], rps12 [139748..139773], clpP [complement(69780..70008)], clpP [complement(70614..70910)], clpP [complement(71647..71717)], petB [74599..74604], petB [75336..75983], petD [76172..76179], petD [76852..77377], rpl16 [complement(80756..81157)], rpl16 [complement(82046..82054)], rpl2 [complement(83697..84166)], rpl2 [complement(84811..85201)], ndhB [complement(95033..95788)], ndhB [complement(96375..97244)], trnI-GAU [102458..102494], trnI-GAU [103433..103467], trnA-UGC [103532..103569], trnA-UGC [104376..104410], ndhA [complement(118946..119484)], ndhA [complement(120577..121129)], trnA-UGC [complement(133390..133424)], trnA-UGC [complement(134231..134268)], trnI-GAU [complement(134367..134388)], trnI-GAU [complement(135306..135342)], ndhB [140556..141422], ndhB [142012..142767]	trnK-UUU [complement(1562..3952)], rps16 [complement(4633..5514)], trnS-CGA [8732..9416], atpF [complement(11881..12580)], rpoC1 [complement(22224..23070)], ycf3 [complement(42674..43376)], ycf3 [complement(43607..44328)], trnL-UAA [47251..47726], trnV [complement(51655..52249)], clpP [complement(70009..70613)], clpP [complement(70911..71646)], petB [74605..75335], petD [76180..76851], rpl16 [complement(81158..82045)], rpl2 [complement(84167..84810)], ndhB [complement(95789..96374)], trnI-GAU [102495..103432], trnA-UGC [103570..104375], ndhA [complement(119485..120576)], trnA-UGC [complement(133425..134230)], trnI-GAU [complement(134389..135305)], ndhB [141423..142011]
3411.	STCU	7	trnG-GCC [complement(104778..104801)], rpoC1 [115215..116840], ycf3	trnL-UAA [913..1436], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(135792..135917)]	[complement(5072..5667)], trnG-GCC [complement(104107..104777)], rpoC1 [115227..115214]
3412.	STER	69	rps12 [91044..91157], rps12 [60739..60970], rps12 [61531..61556], ndhB [complement(11537..12298)], ndhB [complement(13026..13748)], rps12 [complement(15215..15446)], rps12 [complement(14629..14654)], trnI-GAU [19310..19346], trnI-GAU [20298..20332], trnA-UGC [20400..20437], trnA-UGC [21218..21252], ndhA [36474..37032], ndhA [38053..38600], trnA-UGC [complement(54933..54967)], trnA-UGC [complement(55748..55785)], trnI-GAU [complement(55853..55887)], trnI-GAU [complement(56839..56875)], ndhB [62437..63159], ndhB [63887..64648], rpl2 [75535..75934], rpl2 [76559..76989], rpl16 [78388..78396], rpl16 [79353..79760], petD [complement(83148..83625)], petD [complement(84354..84361)], petB [complement(84554..85195)], petB [complement(85945..85950)], clpP [88928..88977], clpP [89779..90070], clpP [90654..90899], trnV-UAC [108432..108470], trnV-UAC [109014..109048], trnL-UAA [complement(115071..115123)], trnL-UAA [complement(115602..115636)], ycf3 [118253..118376], ycf3 [119094..119323], ycf3 [120059..120214], rpoC1 [139783..140244], rpoC1 [140959..142572], atpF [150054..150198], atpF [150968..151377], trnG-UCC [complement(153335..153382)], trnG-UCC [complement(154192..154214)], rps16 [158554..158593], rps16 [159369..159562], trnK-UUU [160376..160412], trnK-UUU [162909..162943]	ndhB [complement(12299..13025)], trnI-GAU [19347..20297], trnA-UGC [20438..21217], ndhA [37033..38052], trnA-UGC [complement(54968..55747)], trnI-GAU [complement(55888..56838)], ndhB [63160..63886], rpl2 [75935..76558], rpl16 [78397..79352], petD [complement(83626..84353)], petB [complement(85196..85944)], clpP [88978..89778], clpP [90071..90653], trnV-UAC [108471..109013], trnL-UAA [complement(115124..115601)], ycf3 [118377..119093], ycf3 [119324..120058], rpoC1 [140245..140958], atpF [150199..150967], trnG-UCC [complement(153383..154191)], rps16 [158594..159368], trnK-UUU [160413..162908]
3413.	STGR	73	rps12 [complement(101113..101138)], rps12 [complement(101675..101906)], rps12 [complement(73057..73170)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4318..4354)], rps16 [complement(4949..5174)], rps16 [complement(6033..6070)], trnG-GCC [9703..9725], trnG-GCC [10425..10472], atpF [complement(12537..12945)], atpF [complement(13648..13805)], rpoC1 [complement(21565..23190)], rpoC1 [complement(23931..24365)], ycf3 [complement(44436..44588)], ycf3 [complement(45344..45571)], ycf3 [complement(46284..46409)], trnL-UAA [complement(49642..49678)], trnL-UAA [complement(50181..50230)], trnV-UAC [complement(54253..54289)], trnV-UAC [complement(54893..54931)],	trnK-UUU [complement(1798..4317)], rps16 [complement(5175..6032)], trnG-GCC [9726..10424], atpF [complement(12946..13647)], rpoC1 [complement(23191..23930)], ycf3 [complement(44589..45343)], ycf3 [complement(45572..46283)], trnL-UAA [complement(49679..50180)], trnV-UAC [complement(54290..54892)], clpP [complement(73538..74216)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(73057..73170)], rps12 [143795..144026], rps12 [144563..144588], clpP [complement(73309..73537)], clpP [complement(74217..74507)], clpP [complement(75334..75401)], petB [78305..78310], petB [79058..79714], petD [79903..79911], petD [80625..81149], rpl16 [complement(84672..85073)], rpl16 [complement(86077..86085)], rpl2 [complement(87750..88184)], rpl2 [complement(88847..89239)], ndhB [complement(98044..98799)], ndhB [complement(99484..100260)], trnI-GAU [105832..105873], trnI-GAU [106813..106847], trnA-UGC [106912..106949], trnA-UGC [107759..107793], ndhA [complement(123300..123838)], ndhA [complement(124922..125474)], trnA-UGC [complement(137908..137942)], trnA-UGC [complement(138752..138789)], trnI-GAU [complement(138854..138888)], trnI-GAU [complement(139828..139869)], ndhB [145441..146217], ndhB [146902..147657], rpl2 [156462..156854], rpl2 [157517..157951]	[complement(74508..75333)], petB [78311..79057], petD [79912..80624], rpl16 [complement(85074..86076)], rpl2 [complement(88185..88846)], ndhB [complement(98800..99483)], trnI-GAU [105874..106812], trnA-UGC [106950..107758], ndhA [complement(123839..124921)], trnA-UGC [complement(137943..138751)], trnI-GAU [complement(138889..139827)], ndhB [146218..146901], rpl2 [156855..157516]
3414.	STGY	25	trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3894..3931)], trnG-UCC [complement(13383..13430)], trnG-UCC [complement(14112..14134)], rps12 [128943..128971]	trnK-UUU [complement(1411..3893)], rps16 [complement(4698..5536)], trnG-UCC [complement(13431..14111)], atpF [34897..35705], ycf3 [complement(44067..44791)], ycf3 [complement(45020..45756)], trnL-UAA [48579..49131], trnV-UAC [complement(52828..53423)], petB [73073..73846], petD [74685..75424], rpl16 [complement(79848..80919)], rpl2 [complement(83316..83975)], ndhB [complement(88478..89189)], trnI-GAU [95460..96412], trnA-UGC [96551..97360], ndhA [complement(113409..114455)], trnA-UGC [complement(122406..123215)], trnI-GAU [complement(123354..124306)], ndhB [130577..131288], rpl2 [135791..136450]
3415.	STHA	72	rps12 [complement(94603..94628)], rps12 [complement(95165..95396)],	trnK-UUU [complement(1734..4241)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(67290..67403)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4242..4278)], rps16 [complement(4922..5148)], rps16 [complement(6023..6062)], trnG-UCC [8873..8895], trnG-UCC [9585..9632], atpF [complement(11572..11982)], atpF [complement(12638..12781)], rpoC1 [complement(20627..22261)], rpoC1 [complement(23024..23458)], ycf3 [complement(41238..41390)], ycf3 [complement(42115..42344)], ycf3 [complement(43057..43180)], trnL-UAA [45500..45536], trnL-UAA [46024..46073], trnV-UAC [complement(49715..49751)], trnV-UAC [complement(50330..50367)], rps12 [135704..135935], rps12 [136472..136497], clpP [complement(67529..67756)], clpP [complement(68372..68663)], clpP [complement(69321..69391)], petB [72305..72310], petB [73028..73678], petD [73873..73880], petD [74608..75082], rpl16 [complement(78504..78896)], rpl16 [complement(79803..79811)], rpl2 [complement(81458..81891)], rpl2 [complement(82549..82939)], ndhB [complement(91601..92356)], ndhB [complement(93036..93812)], trnI-GAU [98928..98964], trnI-GAU [99902..99936], trnA-UGC [100001..100038], trnA-UGC [100845..100879], ndhA [complement(115790..116328)], ndhA [complement(117348..117900)], trnA-UGC [complement(130221..130255)], trnA-UGC [complement(131062..131099)], trnI-GAU [complement(131164..131198)], trnI-GAU [complement(132136..132172)], ndhB [137288..138064], ndhB [138744..139499], rpl2 [148161..148551], rpl2 [149209..149642]	[complement(5149..6022)], trnG-UCC [8896..9584], atpF [complement(11983..12637)], rpoC1 [complement(22262..23023)], ycf3 [complement(41391..42114)], ycf3 [complement(42345..43056)], trnL-UAA [45537..46023], trnV-UAC [complement(49752..50329)], clpP [complement(67757..68371)], clpP [complement(68664..69320)], petB [72311..73027], petD [73881..74607], rpl16 [complement(78897..79802)], rpl2 [complement(81892..82548)], ndhB [complement(92357..93035)], trnI-GAU [98965..99901], trnA-UGC [100039..100844], ndhA [complement(116329..117347)], trnA-UGC [complement(130256..131061)], trnI-GAU [complement(131199..132135)], ndhB [138065..138743], rpl2 [148552..149208]
3416.	STHE	15	rps12 [complement(43899..43927)], rps12 [complement(44468..44699)], rps12 [complement(21800..21913)], rps12 [81546..81777], rps12 [82318..82346], rpl16 [complement(32147..32548)], rpl16 [complement(33635..33643)], trnG-GCC [complement(104805..104828)], rpoC1 [115244..116869], ycf3 [complement(135823..135948)]	trnL-UAA [914..1437], trnV-UAC [complement(5074..5669)], rpl16 [complement(32549..33634)], trnG-GCC [complement(104134..104804)], rpoC1 [115256..115243]
3417.	STHI	62	rps12 [complement(90051..90079)], rps12 [complement(90620..90851)], rps12 [complement(67038..67151)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3846..3882)], rps16 [complement(4445..4662)], rps16 [complement(5515..5554)], trnG-UCC [complement(12763..12810)], trnG-UCC [complement(13498..13520)], atpF [33009..33167], atpF [33985..34392],	trnK-UUU [complement(1412..3845)], rps16 [complement(4663..5514)], trnG-UCC [complement(12811..13497)], atpF [33168..33984], ycf3 [complement(42375..43093)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>ycf3 [complement(42216..42374)], ycf3 [complement(43094..43321)], ycf3 [complement(44049..44180)], trnL-UAA [46930..46964], trnL-UAA [47502..47551], trnV-UAC [complement(50759..50795)], trnV-UAC [complement(51400..51438)], petB [70858..70863], petB [71631..72278], petD [72464..72471], petD [73213..73687], rpl16 [complement(77219..77620)], rpl16 [complement(78719..78727)], rpl2 [complement(80715..81146)], rpl2 [complement(81810..82199)], ndhB [complement(86978..87733)], ndhB [complement(88446..89222)], trnI-GAU [94697..94738], trnI-GAU [95701..95735], trnA-UGC [95801..95838], trnA-UGC [96649..96683], ndhA [complement(112008..112547)], ndhA [complement(113545..114093)], trnA-UGC [complement(121481..121515)], trnA-UGC [complement(122326..122363)], trnI-GAU [complement(122429..122463)], trnI-GAU [complement(123426..123467)], ndhB [128942..129718], ndhB [130431..131186], rpl2 [135965..136354], rpl2 [137018..137449]</p>	<p>[complement(43322..44048)], trnL-UAA [46965..47501], trnV-UAC [complement(50796..51399)], petB [70864..71630], petD [72472..73212], rpl16 [complement(77621..78718)], rpl2 [complement(81147..81809)], ndhB [complement(87734..88445)], trnI-GAU [94739..95700], trnA-UGC [95839..96648], ndhA [complement(112548..113544)], trnA-UGC [complement(121516..122325)], trnI-GAU [complement(122464..123425)], ndhB [129719..130430], rpl2 [136355..137017]</p>
3418.	STHL	22	<p>rps12 [142300..142325]</p>	<p>trnK-UUU [complement(1784..4293)], rps16 [complement(4991..5870)], trnG-UCC [8570..9299], atpF [complement(11764..12506)], rpoC1 [complement(21831..22614)], ycf3 [complement(43140..43915)], ycf3 [complement(44146..44906)], trnL-UAA [48201..48749], trnV-UAC [complement(52765..53358)], clpP [complement(72193..72837)], clpP [complement(73130..74060)], petB [77058..77810], petD [78673..79431], rpl16 [complement(83751..84689)], ndhB [complement(96999..97671)], trnI-GAU [103725..104677], trnA-UGC [104821..105639], ndhA [complement(121975..122944)], trnA-UGC [complement(135985..136803)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(136947..137899)], ndhB [143953..144625]
3419.	STHM	61	rps12 [complement(100325..100567)], rps12 [complement(70716..70829)], trnK-UUU [complement(1749..1777)], trnK-UUU [complement(4320..4356)], trnV-UAC [9609..9647], trnV-UAC [10236..10272], trnL-UAA [complement(13853..13902)], trnL-UAA [complement(14478..14514)], ycf3 [16949..17074], ycf3 [17790..18017], ycf3 [18744..18893], rpoC1 [39057..39492], rpoC1 [40319..41877], atpF [50205..50363], atpF [51124..51531], rps12 [141982..142224], clpP [complement(71012..71242)], clpP [complement(71834..72124)], clpP [complement(72919..72987)], petB [75980..75985], petB [76779..77432], petD [77651..77658], petD [78367..78841], rpl16 [complement(82964..83371)], rpl16 [complement(84511..84522)], rpl2 [complement(86106..86540)], rpl2 [complement(87207..87599)], ndhB [complement(96685..97440)], ndhB [complement(98135..98857)], trnI-GAU [104555..104596], trnI-GAU [105539..105573], trnA-UGC [105633..105670], trnA-UGC [106467..106501], ndhA [complement(121536..122075)], ndhA [complement(123385..123936)], trnA-UGC [complement(136049..136083)], trnA-UGC [complement(136880..136917)], trnI-GAU [complement(136977..137011)], trnI-GAU [complement(137954..137995)], ndhB [143692..144414], ndhB [145109..145864]	trnK-UUU [complement(1778..4319)], trnV-UAC [9648..10235], trnL-UAA [complement(13903..14477)], ycf3 [17075..17789], ycf3 [18018..18743], rpoC1 [39493..40318], atpF [50364..51123], clpP [complement(71243..71833)], clpP [complement(72125..72918)], petB [75986..76778], petD [77659..78366], rpl16 [complement(83372..84510)], rpl2 [complement(86541..87206)], ndhB [complement(97441..98134)], trnI-GAU [104597..105538], trnA-UGC [105671..106466], ndhA [complement(122076..123384)], trnA-UGC [complement(136084..136879)], trnI-GAU [complement(137012..137953)], ndhB [144415..145108]
3420.	STHO	7	trnG-GCC [complement(104736..104759)], rpoC1 [115170..116795], ycf3 [complement(135747..135872)]	trnL-UAA [912..1435], trnV-UAC [complement(5072..5667)], trnG-GCC [complement(104060..104735)], rpoC1 [115182..115169]
3421.	STHY	64	rps12 [complement(90533..90561)], rps12 [complement(91102..91333)], rps12 [complement(68481..68594)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3902..3938)], rps16 [complement(4496..4713)], rps16 [complement(5539..5578)], trnG-UCC [complement(12816..12863)], trnG-UCC [complement(13538..13560)], atpF [33586..33730], atpF [34558..34964], ycf3 [complement(42740..42900)], ycf3 [complement(43606..43831)], ycf3 [complement(44572..44697)], trnL-UAA [47447..47481], trnL-UAA	trnK-UUU [complement(1418..3901)], rps16 [complement(4714..5538)], trnG-UCC [complement(12864..13537)], atpF [33731..34557], ycf3 [complement(42901..43605)], ycf3 [complement(43832..44571)], trnL-UAA [47482..48005], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[48006..48055], trnV-UAC [complement(51610..51646)], trnV-UAC [complement(52244..52282)], rps12 [128119..128350], rps12 [128891..128919], petB [72331..72336], petB [73156..73797], petD [73985..73992], petD [74745..75219], rpl16 [complement(78834..79235)], rpl16 [complement(80298..80306)], rpl2 [complement(82299..82729)], rpl2 [complement(83393..83783)], ndhB [complement(87460..88215)], ndhB [complement(88928..89704)], trnI-GAU [95169..95205], trnI-GAU [96013..96047], trnA-UGC [96113..96150], trnA-UGC [96962..96996], ndhA [complement(113017..113555)], ndhA [complement(114576..115125)], trnA-UGC [complement(122456..122490)], trnA-UGC [complement(123302..123339)], trnI-GAU [complement(123405..123439)], trnI-GAU [complement(124247..124283)], ndhB [129748..130524], ndhB [131237..131992], rpl2 [135669..136059], rpl2 [136723..137153]	[complement(51647..52243)], petB [72337..73155], petD [73993..74744], rpl16 [complement(79236..80297)], rpl2 [complement(82730..83392)], ndhB [complement(88216..88927)], trnI-GAU [95206..96012], trnA-UGC [96151..96961], ndhA [complement(113556..114575)], trnA-UGC [complement(122491..123301)], trnI-GAU [complement(123440..124246)], ndhB [130525..131236], rpl2 [136060..136722]
3422.	STJA	28	rps12 [complement(73934..74047)], rps16 [complement(5664..5902)], rpoC1 [complement(24489..24920)], ycf3 [complement(45901..46053)], rps12 [144826..144851]	trnK-UUU [complement(2230..4762)], rps16 [complement(5903..6788)], trnG-UCC [10308..11060], atpF [complement(13175..14229)], rpoC1 [complement(23696..24488)], ycf3 [complement(46054..46811)], ycf3 [complement(47042..47816)], trnL-UAA [51197..51695], trnV-UAC [complement(55071..55664)], clpP [complement(74374..75023)], clpP [complement(75315..76163)], petB [79181..79998], petD [80870..81572], rpl16 [complement(85990..87058)], rpl2 [complement(89233..89892)], ndhB [complement(99240..99933)], trnI-GAU [106199..107145], trnA-UGC [107283..108072], ndhA [complement(124056..125207)], trnA-UGC [complement(138341..139130)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(139268..140214)], ndhB [146480..147173], rpl2 [156521..157180]
3423.	STJG	7	trnG-GCC [complement(104805..104828)], rpoC1 [115242..116867], ycf3 [complement(135821..135946)]	trnL-UAA [913..1436], trnV-UAC [complement(5071..5666)], trnG-GCC [complement(104134..104804)], rpoC1 [115254..115241]
3424.	STJO	70	rps12 [complement(103239..103481)], rps12 [complement(73848..73961)], trnK-UUU [complement(1858..1892)], trnK-UUU [complement(4428..4464)], rps16 [complement(5344..5573)], rps16 [complement(6466..6505)], trnT-CGU [9166..9202], trnT-CGU [9916..9958], atpF [complement(12239..12646)], atpF [complement(13374..13532)], rpoC1 [complement(21940..23562)], rpoC1 [complement(24346..24777)], ycf3 [complement(45389..45541)], ycf3 [complement(46275..46504)], ycf3 [complement(47250..47373)], trnL-UAA [50272..50307], trnL-UAA [50839..50888], trnV-UAC [complement(54345..54381)], trnV-UAC [complement(54964..55002)], rps12 [144261..144503], clpP [complement(74155..74382)], clpP [complement(74982..75275)], clpP [complement(76114..76182)], petB [79008..79013], petB [79864..80505], petD [80709..80716], petD [81426..81900], rpl16 [complement(85859..86257)], rpl16 [complement(87384..87392)], rpl2 [complement(89067..89501)], rpl2 [complement(90184..90576)], ndhB [complement(99637..100392)], ndhB [complement(101078..101800)], trnI-GAU [107216..107257], trnI-GAU [108193..108227], trnA-UGC [108289..108326], trnA-UGC [109073..109107], ndhA [complement(124047..124586)], ndhA [complement(125820..126371)], trnA-UGC [complement(138635..138669)], trnA-UGC [complement(139416..139453)], trnI-GAU [complement(139515..139549)], trnI-GAU [complement(140485..140526)], ndhB [145942..146664], ndhB [147350..148105], rpl2 [157166..157558], rpl2 [158241..158675]	trnK-UUU [complement(1893..4427)], rps16 [complement(5574..6465)], trnT-CGU [9203..9915], atpF [complement(12647..13373)], rpoC1 [complement(23563..24345)], ycf3 [complement(45542..46274)], ycf3 [complement(46505..47249)], trnL-UAA [50308..50838], trnV-UAC [complement(54382..54963)], clpP [complement(74383..74981)], clpP [complement(75276..76113)], petB [79014..79863], petD [80717..81425], rpl16 [complement(86258..87383)], rpl2 [complement(89502..90183)], ndhB [complement(100393..101077)], trnI-GAU [107258..108192], trnA-UGC [108327..109072], ndhA [complement(124587..125819)], trnA-UGC [complement(138670..139415)], trnI-GAU [complement(139550..140484)], ndhB [146665..147349], rpl2 [157559..158240]
3425.	STJP	72	rps12 [complement(96842..96867)], rps12 [complement(97418..97646)], rps12 [complement(68340..68453)], trnK-UUU [complement(1401..1435)], trnK-UUU [complement(4009..4045)], rps16 [complement(4602..4813)], rps16 [complement(5681..5720)], trnG-UCC [7987..8009], trnG-UCC [8738..8785],	trnK-UUU [complement(1436..4008)], rps16 [complement(4814..5680)], trnG-UCC [8010..8737], atpF [complement(11085..11857)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [complement(10674..11084)], atpF [complement(11858..12001)], rpoC1 [complement(19502..21113)], rpoC1 [complement(21803..22230)], ycf3 [complement(41089..41247)], ycf3 [complement(41981..42208)], ycf3 [complement(42933..43064)], trnL-UAA [45939..45973], trnL-UAA [46482..46531], trnV-UAC [complement(50352..50388)], trnV-UAC [complement(50972..51010)], rps12 [138696..138924], rps12 [139475..139500], clpP [complement(68580..68831)], clpP [complement(69495..69785)], clpP [complement(70574..70642)], petB [73488..73493], petB [74285..74926], petD [75129..75134], petD [75904..76419], rpl16 [complement(79875..80276)], rpl16 [complement(81293..81301)], rpl2 [complement(83131..83562)], rpl2 [complement(84223..84627)], ndhB [complement(93772..94527)], ndhB [complement(95228..96004)], trnI-GAU [101552..101593], trnI-GAU [102533..102567], trnA-UGC [102623..102660], trnA-UGC [103463..103497], ndhA [115438..115980], ndhA [117029..117559], trnA-UGC [complement(132845..132879)], trnA-UGC [complement(133682..133719)], trnI-GAU [complement(133775..133809)], trnI-GAU [complement(134749..134790)], ndhB [140338..141114], ndhB [141815..142570], rpl2 [151715..152119], rpl2 [152780..153211]	[complement(21114..21802)], ycf3 [complement(41248..41980)], ycf3 [complement(42209..42932)], trnL-UAA [45974..46481], trnV-UAC [complement(50389..50971)], clpP [complement(68832..69494)], clpP [complement(69786..70573)], petB [73494..74284], petD [75135..75903], rpl16 [complement(80277..81292)], rpl2 [complement(83563..84222)], ndhB [complement(94528..95227)], trnI-GAU [101594..102532], trnA-UGC [102661..103462], ndhA [115981..117028], trnA-UGC [complement(132880..133681)], trnI-GAU [complement(133810..134748)], ndhB [141115..141814], rpl2 [152120..152779]
3426.	STKA	72	rps12 [complement(94976..95001)], rps12 [complement(95538..95769)], rps12 [complement(67684..67797)], trnK-UUU [complement(1699..1733)], trnK-UUU [complement(4242..4278)], rps16 [complement(4914..5140)], rps16 [complement(6015..6054)], trnG-UCC [8870..8892], trnG-UCC [9582..9629], atpF [complement(11569..11979)], atpF [complement(12635..12778)], rpoC1 [complement(20633..22267)], rpoC1 [complement(23035..23469)], ycf3 [complement(41649..41801)], ycf3 [complement(42526..42755)], ycf3 [complement(43467..43590)], trnL-UAA [45910..45946], trnL-UAA [46434..46483], trnV-UAC [complement(50125..50161)], trnV-UAC [complement(50740..50777)], rps12 [136083..136314], rps12 [136851..136876], clpP [complement(67923..68150)], clpP [complement(68766..69057)], clpP [complement(69715..69785)], petB [72695..72700], petB [73418..74068], petD [74263..74270], petD	trnK-UUU [complement(1734..4241)], rps16 [complement(5141..6014)], trnG-UCC [8893..9581], atpF [complement(11980..12634)], rpoC1 [complement(22268..23034)], ycf3 [complement(41802..42525)], ycf3 [complement(42756..43466)], trnL-UAA [45947..46433], trnV-UAC [complement(50162..50739)], clpP [complement(68151..68765)], clpP [complement(69058..69714)], petB [72701..73417], petD [74271..74997], rpl16 [complement(79281..80175)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74998..75472], rpl16 [complement(78888..79280)], rpl16 [complement(80176..80184)], rpl2 [complement(81831..82264)], rpl2 [complement(82922..83312)], ndhB [complement(91974..92729)], ndhB [complement(93409..94185)], trnI-GAU [99306..99342], trnI-GAU [100280..100314], trnA-UGC [100379..100416], trnA-UGC [101223..101257], ndhA [complement(116167..116705)], ndhA [complement(117725..118277)], trnA-UGC [complement(130595..130629)], trnA-UGC [complement(131436..131473)], trnI-GAU [complement(131538..131572)], trnI-GAU [complement(132510..132546)], ndhB [137667..138443], ndhB [139123..139878], rpl2 [148540..148930], rpl2 [149588..150021]	[complement(82265..82921)], ndhB [complement(92730..93408)], trnI-GAU [99343..100279], trnA-UGC [100417..101222], ndhA [complement(116706..117724)], trnA-UGC [complement(130630..131435)], trnI-GAU [complement(131573..132509)], ndhB [138444..139122], rpl2 [148931..149587]
3427.	STLA	64	rps12 [complement(91661..91689)], rps12 [complement(92230..92461)], rps12 [complement(68652..68765)], trnK-UUU [complement(1376..1408)], trnK-UUU [complement(3875..3912)], rps16 [complement(4470..4687)], rps16 [complement(5530..5569)], trnG-UCC [complement(13131..13178)], trnG-UCC [complement(13861..13883)], atpF [34397..34555], atpF [35371..35778], ycf3 [complement(43612..43764)], ycf3 [complement(44495..44722)], ycf3 [complement(45445..45576)], trnL-UAA [48313..48347], trnL-UAA [48897..48946], trnV-UAC [complement(52559..52595)], trnV-UAC [complement(53197..53235)], rps12 [129177..129408], rps12 [129949..129977], petB [72524..72529], petB [73287..73934], petD [74118..74125], petD [74860..75334], rpl16 [complement(78876..79277)], rpl16 [complement(80352..80360)], rpl2 [complement(82318..82749)], rpl2 [complement(83413..83802)], ndhB [complement(88588..89343)], ndhB [complement(90056..90832)], trnI-GAU [96320..96361], trnI-GAU [97307..97341], trnA-UGC [97407..97444], trnA-UGC [98255..98289], ndhA [complement(113848..114387)], ndhA [complement(115415..115963)], trnA-UGC [complement(123349..123383)], trnA-UGC [complement(124194..124231)], trnI-GAU [complement(124297..124331)], trnI-GAU [complement(125277..125318)], ndhB [130806..131582], ndhB [132295..133050], rpl2 [137836..138225], rpl2 [138889..139320]	trnK-UUU [complement(1409..3874)], rps16 [complement(4688..5529)], trnG-UCC [complement(13179..13860)], atpF [34556..35370], ycf3 [complement(43765..44494)], ycf3 [complement(44723..45444)], trnL-UAA [48348..48896], trnV-UAC [complement(52596..53196)], petB [72530..73286], petD [74126..74859], rpl16 [complement(79278..80351)], rpl2 [complement(82750..83412)], ndhB [complement(89344..90055)], trnI-GAU [96362..97306], trnA-UGC [97445..98254], ndhA [complement(114388..115414)], trnA-UGC [complement(123384..124193)], trnI-GAU [complement(124332..125276)], ndhB [131583..132294], rpl2 [138226..138888]
3428.	STLE	7	trnG-GCC [complement(104805..104828)], rpoC1 [115244..116869], ycf3 [complement(135823..135948)]	trnL-UAA [914..1437], trnV-UAC [complement(5074..5669)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(104134..104804)], rpoC1 [115256..115243]
3429.	STLI	7	trnG-GCC [complement(104807..104830)], rpoC1 [115273..116898], ycf3 [complement(135848..135973)]	trnL-UAA [913..1436], trnV-UAC [complement(5071..5666)], trnG-GCC [complement(104136..104806)], rpoC1 [115285..115272]
3430.	STMA	73	rps12 [complement(100825..100850)], rps12 [complement(101387..101618)], rps12 [complement(72767..72880)], trnK-UUU [complement(1730..1764)], trnK-UUU [complement(4278..4314)], rps16 [complement(5118..5342)], rps16 [complement(6201..6239)], trnG [9841..9863], trnG [10555..10602], atpF [complement(12559..12966)], atpF [complement(13672..13830)], rpoC1 [complement(21807..23438)], rpoC1 [complement(24170..24604)], ycf3 [complement(44867..45019)], ycf3 [complement(45757..45984)], ycf3 [complement(46712..46837)], trnL-UAA [50064..50100], trnL-UAA [50611..50660], trnV-UAC [complement(53887..53923)], trnV-UAC [complement(54511..54549)], rps12 [complement(72767..72880)], rps12 [144063..144294], rps12 [144831..144856], clpP [complement(73024..73314)], clpP [complement(73912..74202)], clpP [complement(75020..75088)], petB [78013..78018], petB [78792..79448], petD [79637..79645], petD [80270..80794], rpl16 [complement(84293..84694)], rpl16 [complement(85726..85734)], rpl2 [complement(87386..87820)], rpl2 [complement(88488..88880)], ndhB [complement(97767..98522)], ndhB [complement(99202..99978)], trnI-GAU [105555..105596], trnI-GAU [106538..106572], trnA-UGC [106637..106674], trnA-UGC [107482..107516], ndhA [complement(123535..124074)], ndhA [complement(125197..125754)], trnA-UGC [complement(138165..138199)], trnA-UGC [complement(139007..139044)], trnI-GAU [complement(139109..139143)], trnI-GAU [complement(140085..140126)], ndhB [145703..146479], ndhB [147159..147914], rpl2 [156801..157190], rpl2 [157861..158295]	trnK-UUU [complement(1765..4277)], rps16 [complement(5343..6200)], trnG [9864..10554], atpF [complement(12967..13671)], rpoC1 [complement(23439..24169)], ycf3 [complement(45020..45756)], ycf3 [complement(45985..46711)], trnL-UAA [50101..50610], trnV-UAC [complement(53924..54510)], clpP [complement(73315..73911)], clpP [complement(74203..75019)], petB [78019..78791], petD [79646..80269], rpl16 [complement(84695..85725)], rpl2 [complement(87821..88487)], ndhB [complement(98523..99201)], trnI-GAU [105597..106537], trnA-UGC [106675..107481], ndhA [complement(124075..125196)], trnA-UGC [complement(138200..139006)], trnI-GAU [complement(139144..140084)], ndhB [146480..147158], rpl2 [157191..157860]
3431.	STMC	34	rps12 [complement(100992..101017)], rps12 [complement(101554..101785)], rps12 [complement(72933..73046)], trnL-UAA [50178..50214], trnL-UAA [50725..50774], trnV-UAC [complement(54041..54077)], trnV-UAC	trnK-UUU [complement(1769..4280)], rps16 [complement(5346..6207)], atpF [complement(13149..13852)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54664..54702)], rps12 [complement(72933..73046)], rps12 [144188..144419], rps12 [144956..144981], trnI-GAU [105733..105774], trnI-GAU [106716..106750]	[complement(23620..24363)], ycf3 [complement(45152..45887)], ycf3 [complement(46116..46836)], trnL-UAA [50215..50724], trnV-UAC [complement(54078..54663)], clpP [complement(73495..74093)], clpP [complement(74385..75195)], petB [78198..78970], petD [79825..80458], rpl16 [complement(84878..85925)], rpl2 [complement(88021..88687)], ndhB [complement(98690..99368)], trnI-GAU [105775..106715], trnA-UGC [106853..107659], ndhA [complement(124226..125316)], trnA-UGC [complement(138314..139120)], trnI-GAU [complement(139258..140198)], ndhB [146605..147283], rpl2 [157283..157952]
3432.	STMG	7	trnG-GCC [complement(104819..104842)], rpoC1 [115265..116890], ycf3 [complement(135842..135967)]	trnL-UAA [913..1436], trnV-UAC [complement(5073..5668)], trnG-GCC [complement(104148..104818)], rpoC1 [115277..115264]
3433.	STMI	72	rps12 [complement(96979..97004)], rps12 [complement(97555..97783)], rps12 [complement(68511..68624)], trnK-UUU [complement(1386..1420)], trnK-UUU [complement(3995..4031)], rps16 [complement(4604..4815)], rps16 [complement(5667..5706)], trnG-UCC [7966..7988], trnG-UCC [8717..8764], atpF [complement(10696..11106)], atpF [complement(11880..12023)], rpoC1 [complement(19518..21129)], rpoC1 [complement(21819..22246)], ycf3 [complement(41226..41384)], ycf3 [complement(42127..42354)], ycf3 [complement(43077..43208)], trnL-UAA [46083..46117], trnL-UAA [46641..46690], trnV-UAC [complement(50471..50507)], trnV-UAC [complement(51091..51129)], rps12 [138779..139007], rps12 [139558..139583], clpP [complement(68772..69002)], clpP	trnK-UUU [complement(1421..3994)], rps16 [complement(4816..5666)], trnG-UCC [7989..8716], atpF [complement(11107..11879)], rpoC1 [complement(21130..21818)], ycf3 [complement(41385..42126)], ycf3 [complement(42355..43076)], trnL-UAA [46118..46640], trnV-UAC [complement(50508..51090)], clpP [complement(69003..69664)], clpP [complement(69956..70736)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(69665..69955)], clpP [complement(70737..70805)], petB [73651..73656], petB [74449..75090], petD [75293..75298], petD [76068..76583], rpl16 [complement(80033..80434)], rpl16 [complement(81426..81434)], rpl2 [complement(83268..83699)], rpl2 [complement(84360..84764)], ndhB [complement(93909..94664)], ndhB [complement(95365..96141)], trnI-GAU [101689..101730], trnI-GAU [102670..102704], trnA-UGC [102760..102797], trnA-UGC [103600..103634], ndhA [115594..116136], ndhA [117192..117722], trnA-UGC [complement(132928..132962)], trnA-UGC [complement(133765..133802)], trnI-GAU [complement(133858..133892)], trnI-GAU [complement(134832..134873)], ndhB [140421..141197], ndhB [141898..142653], rpl2 [151798..152202], rpl2 [152863..153294]	[73657..74448], petD [75299..76067], rpl16 [complement(80435..81425)], rpl2 [complement(83700..84359)], ndhB [complement(94665..95364)], trnI-GAU [101731..102669], trnA-UGC [102798..103599], ndhA [116137..117191], trnA-UGC [complement(132963..133764)], trnI-GAU [complement(133893..134831)], ndhB [141198..141897], rpl2 [152203..152862]
3434.	STMO	34	rps12 [complement(101021..101046)], rps12 [complement(101583..101814)], rps12 [complement(72926..73039)], trnL-UAA [50173..50209], trnL-UAA [50720..50769], trnV-UAC [complement(53996..54032)], trnV-UAC [complement(54619..54657)], rps12 [complement(72926..73039)], rps12 [144167..144398], rps12 [144935..144960], trnI-GAU [105752..105793], trnI-GAU [106735..106769]	trnK-UUU [complement(1773..4283)], rps16 [complement(5347..6226)], atpF [complement(13146..13849)], rpoC1 [complement(23614..24350)], ycf3 [complement(45151..45886)], ycf3 [complement(46115..46835)], trnL-UAA [50210..50719], trnV-UAC [complement(54033..54618)], clpP [complement(73474..74078)], clpP [complement(74370..75186)], petB [78199..78965], petD [79820..80456], rpl16 [complement(84874..85954)], rpl2 [complement(88050..88716)], ndhB [complement(98719..99397)], trnI-GAU [105794..106734], trnA-UGC [106872..107678], ndhA [complement(124213..125303)], trnA-UGC [complement(138303..139109)], trnI-GAU [complement(139247..140187)], ndhB [146584..147262], rpl2 [157262..157931]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3435.	STNA	7	trnG-GCC [complement(104807..104830)], rpoC1 [115273..116898], ycf3 [complement(135848..135973)]	trnL-UAA [913..1436], trnV-UAC [complement(5071..5666)], trnG-GCC [complement(104136..104806)], rpoC1 [115285..115272]
3436.	STOB	34	rps12 [complement(101023..101048)], rps12 [complement(101585..101816)], rps12 [complement(72945..73058)], trnL-UAA [50211..50247], trnL-UAA [50785..50807], trnV-UAC [complement(54035..54071)], trnV-UAC [complement(54658..54696)], rps12 [complement(72945..73058)], rps12 [144283..144526], rps12 [145063..145088], trnI-GAU [105771..105812], trnI-GAU [106754..106788]	trnK-UUU [complement(1769..4280)], rps16 [complement(5351..6212)], atpF [complement(13189..13892)], rpoC1 [complement(23659..24402)], ycf3 [complement(45190..45925)], ycf3 [complement(46154..46874)], trnL-UAA [50248..50784], trnV-UAC [complement(54072..54657)], clpP [complement(73499..74094)], clpP [complement(74386..75204)], petB [78206..78978], petD [79833..80471], rpl16 [complement(84891..85962)], rpl2 [complement(88057..88723)], ndhB [complement(98721..99399)], trnI-GAU [105813..106753], trnA-UGC [106891..107697], ndhA [complement(124278..125368)], trnA-UGC [complement(138414..139220)], trnI-GAU [complement(139358..140298)], ndhB [146712..147390], rpl2 [157385..158054]
3437.	STOC	7	trnG-GCC [complement(104784..104807)], rpoC1 [115291..116916], ycf3 [complement(135868..135993)]	trnL-UAA [914..1437], trnV-UAC [complement(5073..5668)], trnG-GCC [complement(104113..104783)], rpoC1 [115303..115290]
3438.	STOR	7	trnG-GCC [complement(104797..104820)], rpoC1 [115232..116857], ycf3 [complement(135816..135941)]	trnL-UAA [912..1435], trnV-UAC [complement(5071..5666)], trnG-GCC [complement(104126..104796)], rpoC1 [115244..115231]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3439.	STOV	73	rps12 [complement(100999..101024)], rps12 [complement(101561..101792)], rps12 [complement(72942..73055)], trnK-UUU [complement(1731..1765)], trnK-UUU [complement(4279..4315)], rps16 [complement(5117..5341)], rps16 [complement(6211..6249)], trnG [10030..10052], trnG [10743..10790], atpF [complement(12761..13168)], atpF [complement(13873..14031)], rpoC1 [complement(22017..23648)], rpoC1 [complement(24386..24820)], ycf3 [complement(44996..45148)], ycf3 [complement(45885..46112)], ycf3 [complement(46835..46960)], trnL-UAA [50163..50199], trnL-UAA [50713..50762], trnV-UAC [complement(54003..54039)], trnV-UAC [complement(54625..54663)], rps12 [complement(72942..73055)], rps12 [144137..144368], rps12 [144905..144930], clpP [complement(73199..73489)], clpP [complement(74086..74376)], clpP [complement(75195..75263)], petB [78191..78196], petB [78977..79633], petD [79822..79830], petD [80470..80994], rpl16 [complement(84480..84881)], rpl16 [complement(85935..85943)], rpl2 [complement(87594..88028)], rpl2 [complement(88696..89088)], ndhB [complement(97941..98696)], ndhB [complement(99376..100152)], trnI-GAU [105740..105781], trnI-GAU [106723..106757], trnA-UGC [106831..106868], trnA-UGC [107676..107710], ndhA [complement(123664..124203)], ndhA [complement(125294..125851)], trnA-UGC [complement(138219..138253)], trnA-UGC [complement(139061..139098)], trnI-GAU [complement(139172..139206)], trnI-GAU [complement(140148..140189)], ndhB [145777..146553], ndhB [147233..147988], rpl2 [156841..157230], rpl2 [157901..158335]	trnK-UUU [complement(1766..4278)], rps16 [complement(5342..6210)], trnG [10053..10742], atpF [complement(13169..13872)], rpoC1 [complement(23649..24385)], ycf3 [complement(45149..45884)], ycf3 [complement(46113..46834)], trnL-UAA [50200..50712], trnV-UAC [complement(54040..54624)], clpP [complement(73490..74085)], clpP [complement(74377..75194)], petB [78197..78976], petD [79831..80469], rpl16 [complement(84882..85934)], rpl2 [complement(88029..88695)], ndhB [complement(98697..99375)], trnI-GAU [105782..106722], trnA-UGC [106869..107675], ndhA [complement(124204..125293)], trnA-UGC [complement(138254..139060)], trnI-GAU [complement(139207..140147)], ndhB [146554..147232], rpl2 [157231..157900]
3440.	STPS	73	rps12 [complement(100985..101010)], rps12 [complement(101547..101778)], rps12 [complement(72889..73002)], trnK-UUU [complement(1736..1770)], trnK-UUU [complement(4283..4319)], rps16 [complement(5122..5346)], rps16 [complement(6226..6264)], trnG [9969..9991], trnG [10682..10729], atpF [complement(12711..13118)], atpF [complement(13823..13981)], rpoC1 [complement(21961..23586)], rpoC1 [complement(24318..24752)], ycf3 [complement(44972..45124)], ycf3 [complement(45861..46088)], ycf3 [complement(46810..46935)], trnL-UAA [50141..50177], trnL-UAA [50688..50737], trnV-UAC [complement(53964..54000)], trnV-UAC	trnK-UUU [complement(1771..4282)], rps16 [complement(5347..6225)], trnG [9992..10681], atpF [complement(13119..13822)], rpoC1 [complement(23587..24317)], ycf3 [complement(45125..45860)], ycf3 [complement(46089..46809)], trnL-UAA [50178..50687], trnV-UAC [complement(54001..54586)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(54587..54625)], rps12 [complement(72889..73002)], rps12 [144130..144361], rps12 [144898..144923], clpP [complement(73146..73436)], clpP [complement(74043..74333)], clpP [complement(75154..75222)], petB [78159..78164], petB [78932..79588], petD [79777..79785], petD [80423..80947], rpl16 [complement(84438..84839)], rpl16 [complement(85920..85928)], rpl2 [complement(87579..88013)], rpl2 [complement(88681..89073)], ndhB [complement(97927..98682)], ndhB [complement(99362..100138)], trnI-GAU [105716..105757], trnI-GAU [106699..106733], trnA-UGC [106798..106835], trnA-UGC [107643..107677], ndhA [complement(123637..124176)], ndhA [complement(125267..125824)], trnA-UGC [complement(138231..138265)], trnA-UGC [complement(139073..139110)], trnI-GAU [complement(139175..139209)], trnI-GAU [complement(140151..140192)], ndhB [145770..146546], ndhB [147226..147981], rpl2 [156835..157224], rpl2 [157895..158329]	[complement(73437..74042)], clpP [complement(74334..75153)], petB [78165..78931], petD [79786..80422], rpl16 [complement(84840..85919)], rpl2 [complement(88014..88680)], ndhB [complement(98683..99361)], trnI-GAU [105758..106698], trnA-UGC [106836..107642], ndhA [complement(124177..125266)], trnA-UGC [complement(138266..139072)], trnI-GAU [complement(139210..140150)], ndhB [146547..147225], rpl2 [157225..157894]
3441.	STPT	73	rps12 [complement(101042..101067)], rps12 [complement(101604..101835)], rps12 [complement(72960..73073)], trnK-UUU [complement(1733..1767)], trnK-UUU [complement(4280..4316)], rps16 [complement(5127..5351)], rps16 [complement(6219..6257)], trnG [10029..10051], trnG [10743..10790], atpF [complement(12774..13181)], atpF [complement(13889..14047)], rpoC1 [complement(22034..23665)], rpoC1 [complement(24410..24844)], ycf3 [complement(45044..45196)], ycf3 [complement(45929..46156)], ycf3 [complement(46878..47003)], trnL-UAA [50217..50253], trnL-UAA [50766..50815], trnV-UAC [complement(54042..54078)], trnV-UAC [complement(54665..54703)], rps12 [complement(72960..73073)], rps12 [144241..144472], rps12 [145009..145034], clpP [complement(73225..73515)], clpP [complement(74112..74402)], clpP [complement(75225..75293)], petB [78219..78224], petB [78998..79654], petD [79843..79851], petD [80486..81010], rpl16 [complement(84502..84903)], rpl16 [complement(85977..85985)], rpl2 [complement(87636..88070)], rpl2 [complement(88738..89130)], ndhB [complement(97984..98739)], ndhB [complement(99419..100195)], trnI-GAU [105783..105824], trnI-GAU [106766..106800], trnA-UGC [106865..106902], trnA-UGC [107710..107744],	trnK-UUU [complement(1768..4279)], rps16 [complement(5352..6218)], trnG [10052..10742], atpF [complement(13182..13888)], rpoC1 [complement(23666..24409)], ycf3 [complement(45197..45928)], ycf3 [complement(46157..46877)], trnL-UAA [50254..50765], trnV-UAC [complement(54079..54664)], clpP [complement(73516..74111)], clpP [complement(74403..75224)], petB [78225..78997], petD [79852..80485], rpl16 [complement(84904..85976)], rpl2 [complement(88071..88737)], ndhB [complement(98740..99418)], trnI-GAU [105825..106765], trnA-UGC [106903..107709], ndhA [complement(124250..125340)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(123710..124249)], ndhA [complement(125341..125898)], trnA-UGC [complement(138332..138366)], trnA-UGC [complement(139174..139211)], trnI-GAU [complement(139276..139310)], trnI-GAU [complement(140252..140293)], ndhB [145881..146657], ndhB [147337..148092], rpl2 [156946..157335], rpl2 [158006..158440]	[complement(138367..139173)], trnI-GAU [complement(139311..140251)], ndhB [146658..147336], rpl2 [157336..158005]
3442.	STPU	64	rps12 [complement(90045..90073)], rps12 [complement(90614..90845)], rps12 [complement(68002..68115)], trnK-UUU [complement(1387..1421)], trnK-UUU [complement(3921..3957)], rps16 [complement(4516..4733)], rps16 [complement(5552..5591)], trnG-UCC [complement(12929..12976)], trnG-UCC [complement(13650..13672)], atpF [33260..33404], atpF [34242..34648], ycf3 [complement(42424..42584)], ycf3 [complement(43298..43523)], ycf3 [complement(44264..44389)], trnL-UAA [47087..47121], trnL-UAA [47648..47697], trnV-UAC [complement(51243..51279)], trnV-UAC [complement(51877..51915)], rps12 [127728..127959], rps12 [128500..128528], petB [71850..71855], petB [72671..73312], petD [73500..73507], petD [74258..74732], rpl16 [complement(78345..78746)], rpl16 [complement(79781..79789)], rpl2 [complement(81789..82219)], rpl2 [complement(82883..83285)], ndhB [complement(86972..87727)], ndhB [complement(88440..89216)], trnI-GAU [94681..94717], trnI-GAU [95525..95559], trnA-UGC [95625..95662], trnA-UGC [96474..96508], ndhA [complement(112595..113133)], ndhA [complement(114167..114716)], trnA-UGC [complement(122065..122099)], trnA-UGC [complement(122911..122948)], trnI-GAU [complement(123014..123048)], trnI-GAU [complement(123856..123892)], ndhB [129357..130133], ndhB [130846..131601], rpl2 [135288..135690], rpl2 [136354..136784]	trnK-UUU [complement(1422..3920)], rps16 [complement(4734..5551)], trnG-UCC [complement(12977..13649)], atpF [33405..34241], ycf3 [complement(42585..43297)], ycf3 [complement(43524..44263)], trnL-UAA [47122..47647], trnV-UAC [complement(51280..51876)], petB [71856..72670], petD [73508..74257], rpl16 [complement(78747..79780)], rpl2 [complement(82220..82882)], ndhB [complement(87728..88439)], trnI-GAU [94718..95524], trnA-UGC [95663..96473], ndhA [complement(113134..114166)], trnA-UGC [complement(122100..122910)], trnI-GAU [complement(123049..123855)], ndhB [130134..130845], rpl2 [135691..136353]
3443.	STQU	75	trnH [complement(1..69)], trnH [complement(159556..159561)], trnK [complement(1861..1895)], trnK [complement(4424..4460)], rps16 [complement(5031..5239)], rps16 [complement(6123..6162)], trnG [9656..9678], trnG [10425..10473], atpF [complement(12764..13188)], atpF [complement(13946..14090)], rpoC1 [complement(22189..23805)], rpoC1 [complement(24535..24987)], ycf3 [complement(45535..45687)], ycf3 [complement(46418..46647)], ycf3 [complement(47402..47525)], trnL	trnH [complement(70..159555)], trnK [complement(1896..4423)], rps16 [complement(5240..6122)], trnG [9679..10424], atpF [complement(13189..13945)], rpoC1 [complement(23806..24534)], ycf3 [complement(45688..46417)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[50841..50875], trnL [51391..51436], trnV [complement(54601..54635)], trnV [complement(55240..55278)], rps12 [73739..73852], rps12 [145041..145279], rps12 [145809..145845], rps12 [complement(102538..102768)], rps12 [complement(101964..101990)], clpP [complement(74019..74246)], clpP [complement(74859..75150)], clpP [complement(76028..76098)], petB [78903..78908], petB [79689..80330], petD [80523..80530], petD [81289..81763], rpl16 [complement(85270..85668)], rpl16 [complement(86656..86664)], rpl2 [complement(88342..88775)], rpl2 [complement(89440..89830)], ndhB [complement(98904..99659)], ndhB [complement(100341..101117)], trnI [106717..106753], trnI [107705..107739], trnA [107809..107846], trnA [108650..108684], ndhA [complement(124505..125044)], ndhA [complement(126110..126661)], trnA [complement(139125..139159)], trnA [complement(139963..140000)], trnI [complement(140071..140105)], trnI [complement(141057..141093)], ndhB [146692..147468], ndhB [148150..148905], rpl2 [157979..158369], rpl2 [159034..159467]	[complement(46648..47401)], trnL [50876..51390], trnV [complement(54636..55239)], clpP [complement(74247..74858)], clpP [complement(75151..76027)], petB [78909..79688], petD [80531..81288], rpl16 [complement(85669..86655)], rpl2 [complement(88776..89439)], ndhB [complement(99660..100340)], trnI [106754..107704], trnA [107847..108649], ndhA [complement(125045..126109)], trnA [complement(139160..139962)], trnI [complement(140106..141056)], ndhB [147469..148149], rpl2 [158370..159033]
3444.	STRA	73	rps12 [complement(101423..101448)], rps12 [complement(101985..102216)], rps12 [complement(73308..73421)], trnK-UUU [complement(1773..1807)], trnK-UUU [complement(4329..4365)], rps16 [complement(4975..5199)], rps16 [complement(6053..6091)], trnG-GCC [9813..9835], trnG-GCC [10534..10581], atpF [complement(12650..13059)], atpF [complement(13760..13919)], rpoC1 [complement(21714..23340)], rpoC1 [complement(24080..24513)], ycf3 [complement(44683..44835)], ycf3 [complement(45587..45814)], ycf3 [complement(46526..46651)], trnL-UAA [49965..50001], trnL-UAA [50496..50545], trnV-UAC [complement(54576..54612)], trnV-UAC [complement(55205..55243)], rps12 [complement(73308..73421)], rps12 [144090..144321], rps12 [144858..144883], clpP [complement(73560..73788)], clpP [complement(74508..74798)], clpP [complement(75638..75705)], petB [78619..78624], petB [79381..80028], petD [80217..80225], petD [80938..81462], rpl16 [complement(84984..85385)], rpl16 [complement(86402..86410)], rpl2 [complement(88066..88500)], rpl2	trnK-UUU [complement(1808..4328)], rps16 [complement(5200..6052)], trnG-GCC [9836..10533], atpF [complement(13060..13759)], rpoC1 [complement(23341..24079)], ycf3 [complement(44836..45586)], ycf3 [complement(45815..46525)], trnL-UAA [50002..50495], trnV-UAC [complement(54613..55204)], clpP [complement(73789..74507)], clpP [complement(74799..75637)], petB [78625..79380], petD [80226..80937], rpl16 [complement(85386..86401)], rpl2 [complement(88501..89156)], ndhB [complement(99110..99793)], trnI-GAU [106193..107131], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89157..89549)], ndhB [complement(98354..99109)], ndhB [complement(99794..100570)], trnI-GAU [106151..106192], trnI-GAU [107132..107166], trnA-UGC [107231..107268], trnA-UGC [108080..108114], ndhA [complement(123555..124093)], ndhA [complement(125217..125769)], trnA-UGC [complement(138192..138226)], trnA-UGC [complement(139038..139075)], trnI-GAU [complement(139140..139174)], trnI-GAU [complement(140114..140155)], ndhB [145736..146512], ndhB [147197..147952], rpl2 [156757..157149], rpl2 [157806..158240]	[107269..108079], ndhA [complement(124094..125216)], trnA-UGC [complement(138227..139037)], trnI-GAU [complement(139175..140113)], ndhB [146513..147196], rpl2 [157150..157805]
3445.	STRI	15	rps12 [complement(43898..43926)], rps12 [complement(44467..44698)], rps12 [complement(21799..21912)], rps12 [81545..81776], rps12 [82317..82345], rpl16 [complement(32146..32547)], rpl16 [complement(33634..33642)], trnG-GCC [complement(104804..104827)], rpoC1 [115242..116867], ycf3 [complement(135821..135946)]	trnL-UAA [913..1436], trnV-UAC [complement(5072..5667)], rpl16 [complement(32548..33633)], trnG-GCC [complement(104133..104803)], rpoC1 [115254..115241]
3446.	STRO	73	rps12 [complement(101004..101029)], rps12 [complement(101566..101797)], rps12 [complement(72911..73024)], trnK-UUU [complement(1738..1772)], trnK-UUU [complement(4284..4320)], rps16 [complement(5122..5346)], rps16 [complement(6209..6247)], trnG [9960..9982], trnG [10673..10720], atpF [complement(12723..13130)], atpF [complement(13835..13993)], rpoC1 [complement(21973..23598)], rpoC1 [complement(24330..24764)], ycf3 [complement(44988..45140)], ycf3 [complement(45877..46104)], ycf3 [complement(46827..46952)], trnL-UAA [50165..50201], trnL-UAA [50712..50761], trnV-UAC [complement(53987..54023)], trnV-UAC [complement(54610..54648)], rps12 [complement(72911..73024)], rps12 [143798..144029], rps12 [144566..144591], clpP [complement(73168..73458)], clpP [complement(74064..74354)], clpP [complement(75173..75241)], petB [78177..78182], petB [78950..79606], petD [79795..79803], petD [80441..80965], rpl16 [complement(84455..84856)], rpl16 [complement(85938..85946)], rpl2 [complement(87598..88032)], rpl2 [complement(88700..89092)], ndhB [complement(97946..98701)], ndhB [complement(99381..100157)], trnI-GAU [105735..105776], trnI-GAU [106718..106752], trnA-UGC [106817..106854], trnA-UGC [107662..107696], ndhA [complement(123310..123849)], ndhA [complement(124935..125492)],	trnK-UUU [complement(1773..4283)], rps16 [complement(5347..6208)], trnG [9983..10672], atpF [complement(13131..13834)], rpoC1 [complement(23599..24329)], ycf3 [complement(45141..45876)], ycf3 [complement(46105..46826)], trnL-UAA [50202..50711], trnV-UAC [complement(54024..54609)], clpP [complement(73459..74063)], clpP [complement(74355..75172)], petB [78183..78949], petD [79804..80440], rpl16 [complement(84857..85937)], rpl2 [complement(88033..88699)], ndhB [complement(98702..99380)], trnI-GAU [105777..106717], trnA-UGC [106855..107661], ndhA [complement(123850..124934)], trnA-UGC [complement(137934..138740)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(137899..137933)], trnA-UGC [complement(138741..138778)], trnI-GAU [complement(138843..138877)], trnI-GAU [complement(139819..139860)], ndhB [145438..146214], ndhB [146894..147649], rpl2 [156503..156892], rpl2 [157563..157997]	[complement(138878..139818)], ndhB [146215..146893], rpl2 [156893..157562]
3447.	STRU	73	rps12 [complement(101000..101025)], rps12 [complement(101562..101793)], rps12 [complement(72928..73041)], trnK-UUU [complement(1737..1771)], trnK-UUU [complement(4283..4319)], rps16 [complement(5121..5345)], rps16 [complement(6224..6262)], trnG [9971..9993], trnG [10684..10731], atpF [complement(12713..13120)], atpF [complement(13825..13983)], rpoC1 [complement(21964..23589)], rpoC1 [complement(24321..24755)], ycf3 [complement(44975..45127)], ycf3 [complement(45864..46091)], ycf3 [complement(46813..46938)], trnL-UAA [50149..50185], trnL-UAA [50696..50745], trnV-UAC [complement(53971..54007)], trnV-UAC [complement(54594..54632)], rps12 [complement(72928..73041)], rps12 [144154..144385], rps12 [144922..144947], clpP [complement(73185..73475)], clpP [complement(74082..74372)], clpP [complement(75190..75258)], petB [78194..78199], petB [78967..79623], petD [79812..79820], petD [80458..80982], rpl16 [complement(84473..84874)], rpl16 [complement(85935..85943)], rpl2 [complement(87594..88028)], rpl2 [complement(88696..89088)], ndhB [complement(97942..98697)], ndhB [complement(99377..100153)], trnI-GAU [105731..105772], trnI-GAU [106714..106748], trnA-UGC [106813..106850], trnA-UGC [107658..107692], ndhA [complement(123652..124191)], ndhA [complement(125291..125848)], trnA-UGC [complement(138255..138289)], trnA-UGC [complement(139097..139134)], trnI-GAU [complement(139199..139233)], trnI-GAU [complement(140175..140216)], ndhB [145794..146570], ndhB [147250..148005], rpl2 [156859..157248], rpl2 [157919..158353]	trnK-UUU [complement(1772..4282)], rps16 [complement(5346..6223)], trnG [9994..10683], atpF [complement(13121..13824)], rpoC1 [complement(23590..24320)], ycf3 [complement(45128..45863)], ycf3 [complement(46092..46812)], trnL-UAA [50186..50695], trnV-UAC [complement(54008..54593)], clpP [complement(73476..74081)], clpP [complement(74373..75189)], petB [78200..78966], petD [79821..80457], rpl16 [complement(84875..85934)], rpl2 [complement(88029..88695)], ndhB [complement(98698..99376)], trnI-GAU [105773..106713], trnA-UGC [106851..107657], ndhA [complement(124192..125290)], trnA-UGC [complement(138290..139096)], trnI-GAU [complement(139234..140174)], ndhB [146571..147249], rpl2 [157249..157918]
3448.	STSC	61	rps12 [complement(100343..100585)], rps12 [complement(70729..70842)], trnK-UUU [complement(1753..1781)], trnK-UUU [complement(4331..4367)], trnV-UAC [9618..9656], trnV-UAC [10245..10281], trnL-UAA [complement(13865..13914)], trnL-UAA [complement(14490..14526)], ycf3 [16962..17087], ycf3 [17803..18030], ycf3 [18755..18904], rpoC1	trnK-UUU [complement(1782..4330)], trnV-UAC [9657..10244], trnL-UAA [complement(13915..14489)], ycf3 [17088..17802], ycf3 [18031..18754], rpoC1 [39508..40332], atpF [50384..51150], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[39072..39507], rpoC1 [40333..41897], atpF [50225..50383], atpF [51151..51558], rps12 [141982..142224], clpP [complement(71025..71255)], clpP [complement(71850..72140)], clpP [complement(72934..73002)], petB [75994..75999], petB [76791..77444], petD [77663..77670], petD [78374..78848], rpl16 [complement(82981..83388)], rpl16 [complement(84529..84540)], rpl2 [complement(86124..86558)], rpl2 [complement(87225..87617)], ndhB [complement(96703..97458)], ndhB [complement(98153..98875)], trnI-GAU [104572..104613], trnI-GAU [105556..105590], trnA-UGC [105650..105687], trnA-UGC [106484..106518], ndhA [complement(121531..122070)], ndhA [complement(123381..123932)], trnA-UGC [complement(136049..136083)], trnA-UGC [complement(136880..136917)], trnI-GAU [complement(136977..137011)], trnI-GAU [complement(137954..137995)], ndhB [143692..144414], ndhB [145109..145864]	[complement(71256..71849)], clpP [complement(72141..72933)], petB [76000..76790], petD [77671..78373], rpl16 [complement(83389..84528)], rpl2 [complement(86559..87224)], ndhB [complement(97459..98152)], trnI-GAU [104614..105555], trnA-UGC [105688..106483], ndhA [complement(122071..123380)], trnA-UGC [complement(136084..136879)], trnI-GAU [complement(137012..137953)], ndhB [144415..145108]
3449.	STSE	64	rps12 [complement(91371..91399)], rps12 [complement(91940..92171)], rps12 [complement(68881..68994)], trnK-UUU [complement(1372..1404)], trnK-UUU [complement(3881..3918)], rps16 [complement(4463..4680)], rps16 [complement(5536..5575)], trnG-UCC [complement(13232..13279)], trnG-UCC [complement(13963..13985)], atpF [34969..35127], atpF [35933..36340], ycf3 [complement(44145..44303)], ycf3 [complement(45041..45268)], ycf3 [complement(46003..46134)], trnL-UAA [48903..48937], trnL-UAA [49478..49531], trnV-UAC [complement(52785..52821)], trnV-UAC [complement(53425..53463)], rps12 [128523..128754], rps12 [129295..129323], petB [72736..72741], petB [73495..74142], petD [74331..74338], petD [75074..75548], rpl16 [complement(79083..79484)], rpl16 [complement(80408..80416)], rpl2 [complement(82369..82800)], rpl2 [complement(83461..83853)], ndhB [complement(88300..89055)], ndhB [complement(89766..90542)], trnI-GAU [95997..96038], trnI-GAU [96985..97019], trnA-UGC [97085..97122], trnA-UGC [97933..97967], ndhA [complement(113281..113820)], ndhA [complement(114839..115378)], trnA-UGC [complement(122727..122761)], trnA-UGC [complement(123572..123609)], trnI-GAU [complement(123675..123709)],	trnK-UUU [complement(1405..3880)], rps16 [complement(4681..5535)], trnG-UCC [complement(13280..13962)], atpF [35128..35932], ycf3 [complement(44304..45040)], ycf3 [complement(45269..46002)], trnL-UAA [48938..49477], trnV-UAC [complement(52822..53424)], petB [72742..73494], petD [74339..75073], rpl16 [complement(79485..80407)], rpl2 [complement(82801..83460)], ndhB [complement(89056..89765)], trnI-GAU [96039..96984], trnA-UGC [97123..97932], ndhA [complement(113821..114838)], trnA-UGC [complement(122762..123571)], trnI-GAU [complement(123710..124655)], ndhB [130929..131638], rpl2 [137234..137893]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(124656..124697)], ndhB [130152..130928], ndhB [131639..132394], rpl2 [136841..137233], rpl2 [137894..138325]	
3450.	STSI	73	rps12 [complement(101098..101123)], rps12 [complement(101660..101891)], rps12 [complement(73005..73118)], trnK-UUU [complement(1738..1772)], trnK-UUU [complement(4284..4320)], rps16 [complement(5123..5347)], rps16 [complement(6226..6264)], trnG [9977..9999], trnG [10690..10737], atpF [complement(12799..13206)], atpF [complement(13911..14069)], rpoC1 [complement(22051..23676)], rpoC1 [complement(24408..24842)], ycf3 [complement(45067..45219)], ycf3 [complement(45956..46183)], ycf3 [complement(46906..47031)], trnL-UAA [50242..50278], trnL-UAA [50789..50838], trnV-UAC [complement(54064..54100)], trnV-UAC [complement(54687..54725)], rps12 [complement(73005..73118)], rps12 [143898..144129], rps12 [144666..144691], clpP [complement(73262..73552)], clpP [complement(74158..74448)], clpP [complement(75267..75335)], petB [78271..78276], petB [79044..79700], petD [79889..79897], petD [80535..81059], rpl16 [complement(84549..84950)], rpl16 [complement(86032..86040)], rpl2 [complement(87692..88126)], rpl2 [complement(88794..89186)], ndhB [complement(98040..98795)], ndhB [complement(99475..100251)], trnI-GAU [105829..105870], trnI-GAU [106812..106846], trnA-UGC [106911..106948], trnA-UGC [107756..107790], ndhA [complement(123404..123943)], ndhA [complement(125035..125592)], trnA-UGC [complement(137999..138033)], trnA-UGC [complement(138841..138878)], trnI-GAU [complement(138943..138977)], trnI-GAU [complement(139919..139960)], ndhB [145538..146314], ndhB [146994..147749], rpl2 [156603..156992], rpl2 [157663..158097]	trnK-UUU [complement(1773..4283)], rps16 [complement(5348..6225)], trnG [10000..10689], atpF [complement(13207..13910)], rpoC1 [complement(23677..24407)], ycf3 [complement(45220..45955)], ycf3 [complement(46184..46905)], trnL-UAA [50279..50788], trnV-UAC [complement(54101..54686)], clpP [complement(73553..74157)], clpP [complement(74449..75266)], petB [78277..79043], petD [79898..80534], rpl16 [complement(84951..86031)], rpl2 [complement(88127..88793)], ndhB [complement(98796..99474)], trnI-GAU [105871..106811], trnA-UGC [106949..107755], ndhA [complement(123944..125034)], trnA-UGC [complement(138034..138840)], trnI-GAU [complement(138978..139918)], ndhB [146315..146993], rpl2 [156993..157662]
3451.	STSN	34	rps12 [complement(101006..101031)], rps12 [complement(101568..101799)], rps12 [complement(72935..73048)], trnL-UAA [50223..50259], trnL-UAA [50772..50821], trnV-UAC [complement(54046..54082)], trnV-UAC [complement(54669..54707)], rps12 [complement(72935..73048)], rps12 [144199..144430], rps12 [144967..144992], trnI-GAU [105746..105787], trnI-GAU [106729..106763]	trnK-UUU [complement(1775..4286)], rps16 [complement(5352..6213)], atpF [complement(13186..13889)], rpoC1 [complement(23669..24412)], ycf3 [complement(45198..45933)], ycf3 [complement(46162..46882)], trnL-UAA [50260..50771], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(54083..54668)], clpP [complement(73483..74085)], clpP [complement(74377..75192)], petB [78199..78971], petD [79826..80459], rpl16 [complement(84888..85940)], rpl2 [complement(88035..88701)], ndhB [complement(98704..99382)], trnI-GAU [105788..106728], trnA-UGC [106866..107672], ndhA [complement(124229..125319)], trnA-UGC [complement(138326..139132)], trnI-GAU [complement(139270..140210)], ndhB [146616..147294], rpl2 [157294..157963]
3452.	STSP	64	rps12 [complement(96067..96095)], rps12 [complement(96636..96867)], rps12 [complement(72727..72840)], trnK [complement(1394..1426)], trnK [complement(3942..3978)], rps16 [complement(4552..4769)], rps16 [complement(5617..5656)], trnG [complement(13831..13878)], trnG [complement(14553..14575)], atpF [36786..36930], atpF [37768..38174], ycf3 [complement(45924..46082)], ycf3 [complement(46817..47044)], ycf3 [complement(47786..47917)], trnL [50665..50699], trnL [51238..51286], trnV [complement(54967..55003)], trnV [complement(55608..55646)], rps12 [137702..137933], rps12 [138474..138502], petB [77313..77317], petB [77369..78011], petD [78206..78213], petD [78952..79426], rpl16 [complement(83065..83469)], rpl16 [complement(84577..84585)], rpl2 [complement(86574..87004)], rpl2 [complement(87668..88058)], ndhB [complement(92991..93746)], ndhB [complement(94464..95240)], trnI [100752..100793], trnI [101746..101780], trnA [101845..101883], trnA [102694..102727], ndhA [complement(120427..120792)], ndhA [complement(122032..122580)], trnA [complement(131842..131875)], trnA [complement(132685..132724)], trnI [complement(132789..132823)], trnI [complement(133776..133817)], ndhB [139329..140105], ndhB [140823..141578], rpl2 [146511..146901], rpl2 [147565..147995]	trnK [complement(1427..3941)], rps16 [complement(4770..5616)], trnG [complement(13879..14552)], atpF [36931..37767], ycf3 [complement(46083..46816)], ycf3 [complement(47045..47785)], trnL [50700..51237], trnV [complement(55004..55607)], petB [77318..77368], petD [78214..78951], rpl16 [complement(83470..84576)], rpl2 [complement(87005..87667)], ndhB [complement(93747..94463)], trnI [100794..101745], trnA [101884..102693], ndhA [complement(120793..122031)], trnA [complement(131876..132684)], trnI [complement(132824..133775)], ndhB [140106..140822], rpl2 [146902..147564]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3453.	STSR	34	rps12 [complement(100994..101019)], rps12 [complement(101556..101787)], rps12 [complement(72888..73001)], trnL-UAA [50155..50191], trnL-UAA [50702..50751], trnV-UAC [complement(53976..54012)], trnV-UAC [complement(54599..54637)], rps12 [complement(72888..73001)], rps12 [144076..144307], rps12 [144844..144869], trnI-GAU [105725..105766], trnI-GAU [106708..106742]	trnK-UUU [complement(1773..4283)], rps16 [complement(5347..6226)], atpF [complement(13126..13829)], rpoC1 [complement(23593..24329)], ycf3 [complement(45133..45868)], ycf3 [complement(46097..46817)], trnL-UAA [50192..50701], trnV-UAC [complement(54013..54598)], clpP [complement(73436..74040)], clpP [complement(74332..75160)], petB [78172..78938], petD [79793..80429], rpl16 [complement(84847..85927)], rpl2 [complement(88023..88689)], ndhB [complement(98692..99370)], trnI-GAU [105767..106707], trnA-UGC [106845..107651], ndhA [complement(124155..125245)], trnA-UGC [complement(138212..139018)], trnI-GAU [complement(139156..140096)], ndhB [146493..147171], rpl2 [157171..157840]
3454.	STSU	73	rps12 [complement(101221..101246)], rps12 [complement(101783..102014)], rps12 [complement(73182..73295)], trnK-UUU [complement(1748..1782)], trnK-UUU [complement(4303..4339)], rps16 [complement(4933..5158)], rps16 [complement(6041..6078)], trnG-GCC [9735..9757], trnG-GCC [10456..10503], atpF [complement(12560..12968)], atpF [complement(13673..13830)], rpoC1 [complement(21622..23248)], rpoC1 [complement(23987..24420)], ycf3 [complement(44592..44744)], ycf3 [complement(45501..45728)], ycf3 [complement(46440..46565)], trnL-UAA [49845..49881], trnL-UAA [50375..50424], trnV-UAC [complement(54466..54502)], trnV-UAC [complement(55095..55133)], rps12 [complement(73182..73295)], rps12 [144230..144461], rps12 [144998..145023], clpP [complement(73434..73661)], clpP	trnK-UUU [complement(1783..4302)], rps16 [complement(5159..6040)], trnG-GCC [9758..10455], atpF [complement(12969..13672)], rpoC1 [complement(23249..23986)], ycf3 [complement(44745..45500)], ycf3 [complement(45729..46439)], trnL-UAA [49882..50374], trnV-UAC [complement(54503..55094)], clpP [complement(73662..74334)], clpP [complement(74626..75457)], petB [78444..79172], petD [80018..80730], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(74335..74625)], clpP [complement(75458..75526)], petB [78438..78443], petB [79173..79820], petD [80009..80017], petD [80731..81255], rpl16 [complement(84776..85177)], rpl16 [complement(86184..86192)], rpl2 [complement(87858..88292)], rpl2 [complement(88955..89347)], ndhB [complement(98152..98907)], ndhB [complement(99592..100368)], trnI-GAU [105940..105981], trnI-GAU [106921..106955], trnA-UGC [107020..107057], trnA-UGC [107868..107902], ndhA [complement(123693..124231)], ndhA [complement(125331..125883)], trnA-UGC [complement(138342..138376)], trnA-UGC [complement(139187..139224)], trnI-GAU [complement(139289..139323)], trnI-GAU [complement(140263..140304)], ndhB [145876..146652], ndhB [147337..148092], rpl2 [156897..157289], rpl2 [157952..158386]	[complement(85178..86183)], rpl2 [complement(88293..88954)], ndhB [complement(98908..99591)], trnI-GAU [105982..106920], trnA-UGC [107058..107867], ndhA [complement(124232..125330)], trnA-UGC [complement(138377..139186)], trnI-GAU [complement(139324..140262)], ndhB [146653..147336], rpl2 [157290..157951]
3455.	STSY	72	rps12 [complement(94934..94959)], rps12 [complement(95496..95727)], rps12 [complement(67606..67719)], trnK-UUU [complement(1689..1723)], trnK-UUU [complement(4223..4259)], rps16 [complement(4909..5135)], rps16 [complement(6010..6049)], trnG-UCC [8842..8864], trnG-UCC [9554..9601], atpF [complement(11541..11951)], atpF [complement(12610..12753)], rpoC1 [complement(20579..22213)], rpoC1 [complement(22981..23415)], ycf3 [complement(41596..41748)], ycf3 [complement(42472..42701)], ycf3 [complement(43414..43537)], trnL-UAA [45843..45879], trnL-UAA [46367..46416], trnV-UAC [complement(50058..50094)], trnV-UAC [complement(50673..50710)], rps12 [136102..136333], rps12 [136870..136895], clpP [complement(67845..68072)], clpP [complement(68687..68978)], clpP [complement(69636..69706)], petB [72620..72625], petB [73342..73992], petD [74187..74194], petD [74922..75396], rpl16 [complement(78805..79197)], rpl16 [complement(80089..80097)], rpl2 [complement(81756..82189)], rpl2 [complement(82857..83247)], ndhB [complement(91927..92682)], ndhB [complement(93362..94138)], trnI-GAU [99298..99334], trnI-GAU [100272..100306], trnA-UGC [100371..100408], trnA-UGC [101215..101249], ndhA [complement(116244..116782)], ndhA [complement(117803..118355)], trnA-UGC [complement(130587..130621)], trnA-UGC	trnK-UUU [complement(1724..4222)], rps16 [complement(5136..6009)], trnG-UCC [8865..9553], atpF [complement(11952..12609)], rpoC1 [complement(22214..22980)], ycf3 [complement(41749..42471)], ycf3 [complement(42702..43413)], trnL-UAA [45880..46366], trnV-UAC [complement(50095..50672)], clpP [complement(68073..68686)], clpP [complement(68979..69635)], petB [72626..73341], petD [74195..74921], rpl16 [complement(79198..80088)], rpl2 [complement(82190..82856)], ndhB [complement(92683..93361)], trnI-GAU [99335..100271], trnA-UGC [100409..101214], ndhA [complement(116783..117802)], trnA-UGC [complement(130622..131425)], trnI-GAU [complement(131555..132491)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(131426..131455)], trnI-GAU [complement(131520..131554)], trnI-GAU [complement(132492..132528)], ndhB [137691..138467], ndhB [139147..139902], rpl2 [148582..148972], rpl2 [149640..150073]	[138468..139146], rpl2 [148973..149639]
3456.	STTE	61	rps12 [complement(97984..98226)], rps12 [complement(69885..69998)], trnK-UUU [complement(1743..1777)], trnK-UUU [complement(4271..4307)], rps16 [complement(5109..5317)], rps16 [complement(6954..6999)], trnG-GCC [9313..9346], trnG-GCC [10040..10076], atpF [complement(12000..12471)], atpF [complement(13105..13247)], rpoC1 [complement(21101..22721)], rpoC1 [complement(23506..23960)], ycf3 [complement(43003..43155)], ycf3 [complement(43868..44096)], ycf3 [complement(44785..44912)], trnL-UAA [47872..47908], trnL-UAA [48378..48427], trnV-UAC [complement(52202..52238)], trnV-UAC [complement(52814..52851)], rps12 [139084..139326], clpP [complement(70116..70350)], clpP [complement(70982..71278)], clpP [complement(72098..72165)], rpl2 [complement(84210..84644)], rpl2 [complement(85315..85707)], ndhB [complement(94427..95182)], ndhB [complement(95862..96638)], trnI-GAU [101922..101963], trnI-GAU [102899..102933], trnA-UGC [103004..103041], trnA-UGC [103876..103910], ndhA [complement(119001..119539)], ndhA [complement(120609..121161)], trnA-UGC [complement(133400..133434)], trnA-UGC [complement(134269..134306)], trnI-GAU [complement(134377..134411)], trnI-GAU [complement(135347..135388)], ndhB [140672..141448], ndhB [142128..142883], rpl2 [151603..151995], rpl2 [152666..153100]	trnK-UUU [complement(1778..4270)], rps16 [complement(5318..6953)], trnG-GCC [9347..10039], atpF [complement(12472..13104)], rpoC1 [complement(22722..23505)], ycf3 [complement(43156..43867)], ycf3 [complement(44097..44784)], trnL-UAA [47909..48377], trnV-UAC [complement(52239..52813)], clpP [complement(70351..70981)], clpP [complement(71279..72097)], rpl2 [complement(84645..85314)], ndhB [complement(95183..95861)], trnI-GAU [101964..102898], trnA-UGC [103042..103875], ndhA [complement(119540..120608)], trnA-UGC [complement(133435..134268)], trnI-GAU [complement(134412..135346)], ndhB [141449..142127], rpl2 [151996..152665]
3457.	STVI	61	rps12 [complement(100184..100426)], rps12 [complement(70545..70658)], trnK-UUU [complement(1755..1783)], trnK-UUU [complement(4316..4352)], trnV-UAC [9634..9672], trnV-UAC [10263..10299], trnL-UAA [complement(13779..13828)], trnL-UAA [complement(14399..14435)], ycf3 [16873..16998], ycf3 [17712..17939], ycf3 [18669..18818], rpoC1 [39064..39499], rpoC1 [40332..41890], atpF [50220..50378], atpF [51144..51551], rps12 [141731..141973], clpP [complement(70841..71071)], clpP [complement(71670..71960)], clpP [complement(72754..72822)], petB [75816..75821], petB [76627..77280], petD [77499..77506], petD	trnK-UUU [complement(1784..4315)], trnV-UAC [9673..10262], trnL-UAA [complement(13829..14398)], ycf3 [16999..17711], ycf3 [17940..18668], rpoC1 [39500..40331], atpF [50379..51143], clpP [complement(71072..71669)], clpP [complement(71961..72753)], petB [75822..76626], petD [77507..78214], rpl16 [complement(83233..84375)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78215..78689], rpl16 [complement(82825..83232)], rpl16 [complement(84376..84387)], rpl2 [complement(85972..86406)], rpl2 [complement(87073..87465)], ndhB [complement(96533..97288)], ndhB [complement(97983..98705)], trnI-GAU [104378..104419], trnI-GAU [105362..105396], trnA-UGC [105456..105493], trnA-UGC [106290..106324], ndhA [complement(121356..121895)], ndhA [complement(123177..123728)], trnA-UGC [complement(135833..135867)], trnA-UGC [complement(136664..136701)], trnI-GAU [complement(136761..136795)], trnI-GAU [complement(137738..137779)], ndhB [143452..144174], ndhB [144869..145624]	[complement(86407..87072)], ndhB [complement(97289..97982)], trnI-GAU [104420..105361], trnA-UGC [105494..106289], ndhA [complement(121896..123176)], trnA-UGC [complement(135868..136663)], trnI-GAU [complement(136796..137737)], ndhB [144175..144868]
3458.	STVL	34	rps12 [complement(101058..101083)], rps12 [complement(101620..101851)], rps12 [complement(72989..73102)], trnL-UAA [50258..50294], trnL-UAA [50806..50855], trnV-UAC [complement(54094..54130)], trnV-UAC [complement(54717..54755)], rps12 [complement(72989..73102)], rps12 [144258..144489], rps12 [145026..145051], trnI-GAU [105799..105840], trnI-GAU [106783..106817]	trnK-UUU [complement(1768..4279)], rps16 [complement(5343..6204)], atpF [complement(13245..13948)], rpoC1 [complement(23715..24458)], ycf3 [complement(45237..45972)], ycf3 [complement(46201..46920)], trnL-UAA [50295..50805], trnV-UAC [complement(54131..54716)], clpP [complement(73550..74143)], clpP [complement(74435..75256)], petB [78265..79037], petD [79897..80530], rpl16 [complement(84945..85993)], rpl2 [complement(88087..88753)], ndhB [complement(98756..99434)], trnI-GAU [105841..106782], trnA-UGC [106920..107726], ndhA [complement(124269..125358)], trnA-UGC [complement(138383..139189)], trnI-GAU [complement(139327..140268)], ndhB [146675..147353], rpl2 [157353..158022]
3459.	STZA	7	trnG-GCC [complement(104815..104838)], rpoC1 [115250..116875], ycf3 [complement(135830..135955)]	trnL-UAA [920..1443], trnV-UAC [complement(5081..5676)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(104144..104814)], rpoC1 [115262..115249]
3460.	STZH	41	rps12 [complement(72607..72720)], trnK-UUU [complement(1709..1743)], trnK-UUU [complement(4266..4302)], trnG-GCC [9507..9529], trnG-GCC [10228..10275], trnL-UAA [complement(49065..49101)], trnL-UAA [complement(49604..49653)], trnV-UAC [complement(53680..53716)], trnV-UAC [complement(54319..54357)], rps12 [143897..143923], trnI-GAU [105377..105418], trnI-GAU [106358..106392], trnA-UGC [106457..106494], trnA-UGC [107307..107341], trnA-UGC [complement(137240..137274)], trnA-UGC [complement(138087..138124)], trnI-GAU [complement(138189..138223)], trnI-GAU [complement(139163..139204)]	trnK-UUU [complement(1744..4265)], rps16 [complement(5121..5976)], trnG-GCC [9530..10227], atpF [complement(12749..13450)], rpoC1 [complement(23030..23775)], ycf3 [complement(44124..44878)], ycf3 [complement(45107..45819)], trnL-UAA [complement(49102..49603)], trnV-UAC [complement(53717..54318)], clpP [complement(73087..73759)], clpP [complement(74051..74877)], petB [77857..78603], petD [79458..80170], rpl16 [complement(84621..85618)], rpl2 [complement(87730..88391)], ndhB [complement(98345..99028)], trnI-GAU [105419..106357], trnA-UGC [106495..107306], ndhA [complement(123261..124374)], trnA-UGC [complement(137275..138086)], trnI-GAU [complement(138224..139162)], ndhB [145553..146236], rpl2 [156190..156851]
3461.	SUJA	66	rps12 [complement(96268..96293)], rps12 [complement(96831..97062)], rps12 [complement(69123..69236)], trnK [complement(1638..1672)], trnK [complement(4194..4230)], rps16 [complement(4940..5136)], rps16 [complement(6013..6052)], trnG [8927..8949], trnG [9654..9711], atpF [complement(11576..11985)], atpF [complement(12799..12943)], rpoC1 [complement(20521..22122)], rpoC1 [complement(22902..23333)], ycf3 [complement(42080..42232)], ycf3 [complement(43007..43234)], ycf3 [complement(44011..44136)], trnL [46801..46835], trnL [47389..47438], trnV [complement(50936..50970)], trnV [complement(51567..51605)], rps12	trnK [complement(1673..4193)], rps16 [complement(5137..6012)], trnG [8950..9653], atpF [complement(11986..12798)], rpoC1 [complement(22123..22901)], ycf3 [complement(42233..43006)], ycf3 [complement(43235..44010)], trnL [46836..47388], trnV [complement(50971..51566)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[138666..138897], rps12 [139435..139460], clpP [complement(69373..69600)], clpP [complement(70182..70473)], clpP [complement(71238..71308)], petB [74232..74237], petB [75052..75693], petD [75895..75902], petD [76665..77139], rpl16 [complement(80609..81007)], rpl16 [complement(82016..82024)], ndhB [complement(93240..93995)], ndhB [complement(94669..95445)], trnI [100487..100528], trnI [101474..101508], trnA [101579..101616], trnA [102455..102489], ndhA [complement(118694..119233)], ndhA [complement(120330..120881)], trnA [complement(133239..133273)], trnA [complement(134112..134149)], trnI [complement(134220..134254)], trnI [complement(135200..135241)], ndhB [140283..141059], ndhB [141733..142488]	[complement(69601..70181)], clpP [complement(70474..71237)], petB [74238..75051], petD [75903..76664], rpl16 [complement(81008..82015)], ndhB [complement(93996..94668)], trnI [100529..101473], trnA [101617..102454], ndhA [complement(119234..120329)], trnA [complement(133274..134111)], trnI [complement(134255..135199)], ndhB [141060..141732]
3462.	SUM A	66	rps12 [complement(96142..96167)], rps12 [complement(96705..96936)], rps12 [complement(69015..69128)], trnK [complement(1645..1679)], trnK [complement(4208..4244)], rps16 [complement(4955..5151)], rps16 [complement(6034..6073)], trnG [8949..8971], trnG [9676..9733], atpF [complement(11597..12006)], atpF [complement(12821..12965)], rpoC1 [complement(20542..22143)], rpoC1 [complement(22923..23354)], ycf3 [complement(42019..42171)], ycf3 [complement(42946..43173)], ycf3 [complement(43950..44075)], trnL [46754..46788], trnL [47342..47391], trnV [complement(50895..50929)], trnV [complement(51526..51564)], rps12 [138546..138777], rps12 [139315..139340], clpP [complement(69265..69492)], clpP [complement(70074..70365)], clpP [complement(71129..71199)], petB [74119..74124], petB [74934..75575], petD [75777..75784], petD [76547..77021], rpl16 [complement(80485..80883)], rpl16 [complement(81890..81898)], ndhB [complement(93114..93869)], ndhB [complement(94543..95319)], trnI [100361..100402], trnI [101341..101375], trnA [101446..101483], trnA [102322..102356], ndhA [complement(118580..119119)], ndhA [complement(120211..120762)], trnA [complement(133126..133160)], trnA [complement(133999..134036)], trnI [complement(134107..134141)], trnI [complement(135080..135121)], ndhB [140163..140939], ndhB [141613..142368]	trnK [complement(1680..4207)], rps16 [complement(5152..6033)], trnG [8972..9675], atpF [complement(12007..12820)], rpoC1 [complement(22144..22922)], ycf3 [complement(42172..42945)], ycf3 [complement(43174..43949)], trnL [46789..47341], trnV [complement(50930..51525)], clpP [complement(69493..70073)], clpP [complement(70366..71128)], petB [74125..74933], petD [75785..76546], rpl16 [complement(80884..81889)], ndhB [complement(93870..94542)], trnI [100403..101340], trnA [101484..102321], ndhA [complement(119120..120210)], trnA [complement(133161..133998)], trnI [complement(134142..135079)], ndhB [140940..141612]
3463.	SWHI	69	rps12 [complement(93931..93956)], rps12 [complement(94492..94723)],	trnK-UUU [complement(1723..4227)], trnG-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>rps12 [complement(66704..66817)], trnK-UUU [complement(1688..1722)], trnK-UUU [complement(4228..4264)], trnG-UCC [7867..7889], trnG-UCC [8575..8622], atpF [complement(10604..11008)], atpF [complement(11714..11872)], rpoC1 [complement(19320..20942)], rpoC1 [complement(21167..21601)], ycf3 [complement(41247..41399)], ycf3 [complement(42171..42398)], ycf3 [complement(43144..43269)], trnL-UAA [46061..46097], trnL-UAA [46449..46498], trnV-UAC [complement(49715..49751)], trnV-UAC [complement(50339..50376)], rps12 [135493..135724], rps12 [136260..136285], clpP [complement(66969..67196)], clpP [complement(67876..68166)], clpP [complement(68972..69040)], petB [72019..72024], petB [72732..73373], petD [73601..73607], petD [74293..74768], rpl16 [complement(78172..78570)], rpl16 [complement(79343..79351)], rpl2 [complement(80993..81427)], rpl2 [complement(82086..82478)], ndhB [complement(90910..91665)], ndhB [complement(92349..93125)], trnI-GAU [98306..98347], trnI-GAU [99286..99320], trnA-UGC [99384..99421], trnA-UGC [100245..100279], ndhA [complement(115463..116002)], ndhA [complement(117129..117683)], trnA-UGC [complement(129937..129971)], trnA-UGC [complement(130795..130832)], trnI-GAU [complement(130896..130930)], trnI-GAU [complement(131869..131910)], ndhB [137091..137867], ndhB [138551..139306], rpl2 [147738..148130], rpl2 [148789..149223]</p>	<p>UCC [7890..8574], atpF [complement(11009..11713)], rpoC1 [complement(20943..21166)], ycf3 [complement(41400..42170)], ycf3 [complement(42399..43143)], trnL-UAA [46098..46448], trnV-UAC [complement(49752..50338)], clpP [complement(67197..67875)], clpP [complement(68167..68971)], petB [72025..72731], petD [73608..74292], rpl16 [complement(78571..79342)], rpl2 [complement(81428..82085)], ndhB [complement(91666..92348)], trnI-GAU [98348..99285], trnA-UGC [99422..100244], ndhA [complement(116003..117128)], trnA-UGC [complement(129972..130794)], trnI-GAU [complement(130931..131868)], ndhB [137868..138550], rpl2 [148131..148788]</p>
3464.	SWM A	73	<p>rps12 [complement(101320..101345)], rps12 [complement(101883..102114)], rps12 [complement(73038..73163)], trnK-UUU [complement(1620..1654)], trnK-UUU [complement(4184..4220)], rps16 [complement(5088..5314)], rps16 [complement(6172..6211)], trnG-UCC [9936..9958], trnG-UCC [10687..10735], atpF [complement(12727..13136)], atpF [complement(13898..14042)], rpoC1 [complement(22196..23806)], rpoC1 [complement(24576..25007)], ycf3 [complement(44761..44913)], ycf3 [complement(45714..45941)], ycf3 [complement(46669..46797)], trnL-UAA [50089..50125], trnL-UAA [50654..50703], trnV-UAC [complement(54197..54233)], trnV-UAC [complement(54824..54862)], rps12 [complement(73038..73163)], rps12 [144121..144352], rps12</p>	<p>trnK-UUU [complement(1655..4183)], rps16 [complement(5315..6171)], trnG-UCC [9959..10686], atpF [complement(13137..13897)], rpoC1 [complement(23807..24575)], ycf3 [complement(44914..45713)], ycf3 [complement(45942..46668)], trnL-UAA [50126..50653], trnV-UAC [complement(54234..54823)], clpP [complement(73543..74202)], clpP [complement(74494..75348)], petB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144890..144915], clpP [complement(73315..73542)], clpP [complement(74203..74493)], clpP [complement(75349..75417)], petB [78316..78321], petB [79131..79772], petD [79982..79989], petD [80707..81184], rpl16 [complement(84587..84988)], rpl16 [complement(85906..85914)], rpl2 [complement(87573..88007)], rpl2 [complement(88689..89081)], ndhB [complement(98263..99018)], ndhB [complement(99700..100476)], trnI-GAU [106018..106059], trnI-GAU [107014..107048], trnA-UGC [107119..107156], trnA-UGC [107997..108031], ndhA [complement(123832..124371)], ndhA [complement(125491..126042)], trnA-UGC [complement(138204..138238)], trnA-UGC [complement(139079..139116)], trnI-GAU [complement(139187..139221)], trnI-GAU [complement(140176..140217)], ndhB [145759..146535], ndhB [147217..147972], rpl2 [157154..157546], rpl2 [158228..158662]	[78322..79130], petD [79990..80706], rpl16 [complement(84989..85905)], rpl2 [complement(88008..88688)], ndhB [complement(99019..99699)], trnI-GAU [106060..107013], trnA-UGC [107157..107996], ndhA [complement(124372..125490)], trnA-UGC [complement(138239..139078)], trnI-GAU [complement(139222..140175)], ndhB [146536..147216], rpl2 [157547..158227]
3465.	SWM U	1	rps12 [139834..139859]	-
3466.	SYCO	63	trnK-UUU [complement(1281..1315)], trnK-UUU [complement(3948..3984)], rps16 [complement(4699..4919)], rps16 [complement(5779..5818)], trnG-UCU; trnG-UCC [9337..9359], trnG-UCU; trnG-UCC [10046..10093], atpF [complement(12037..12446)], atpF [complement(13249..13393)], rpoC1 [complement(21238..22854)], rpoC1 [complement(23605..24036)], ycf3 [complement(41480..41638)], ycf3 [complement(42372..42601)], ycf3 [complement(43318..43441)], trnL-UAA [46316..46330], trnL-UAA [46847..46896], trnV-UAC [complement(51161..51197)], trnV-UAC [complement(51785..51823)], rps12 [complement(69663..69809)], rps12 [140104..140332], rps12 [140844..140899], petB [75756..76397], petD [77336..77849], rpl2 [complement(84858..85280)], rpl2 [complement(85952..86341)], ndhB [complement(95364..96119)], ndhB [complement(96824..97600)], trnI-GAU [102901..102942], trnI-GAU [103875..103909], trnA-UGC [103974..104011], trnA-UGC [104721..104755], ndhA [complement(120058..120596)], ndhA [complement(121638..122190)], trnA-UGC [complement(134582..134616)], trnA-UGC [complement(135326..135363)], trnI-GAU [complement(135428..135462)],	trnK-UUU [complement(1316..3947)], rps16 [complement(4920..5778)], trnG-UCU; trnG-UCC [9360..10045], atpF [complement(12447..13248)], rpoC1 [complement(22855..23604)], ycf3 [complement(41639..42371)], ycf3 [complement(42602..43317)], trnL-UAA [46331..46846], trnV-UAC [complement(51198..51784)], clpP [complement(70197..70850)], clpP [complement(71143..71960)], petB [74965..75755], petD [76599..77335], rpl16 [complement(81737..82917)], rpl2 [complement(85281..85951)], ndhB [complement(96120..96823)], trnI-GAU [102943..103874], trnA-UGC [104012..104720], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(136395..136436)], ndhB [141737..142513], ndhB [143218..143973], rpl2 [152996..153386], rpl2 [154049..154479]	[complement(120597..121637)], trnA-UGC [complement(134617..135325)], trnI-GAU [complement(135463..136394)], ndhB [142514..143217], rpl2 [153387..154048]
3467.	SYCS	73	rps12 [complement(100617..100642)], rps12 [complement(101178..101409)], rps12 [complement(72488..72601)], trnK-UUU [complement(1744..1778)], trnK-UUU [complement(4290..4326)], rps16 [complement(5145..5370)], rps16 [complement(6238..6275)], trnG-GCC [9944..9966], trnG-GCC [10663..10710], atpF [complement(12741..13149)], atpF [complement(13855..14012)], rpoC1 [complement(21971..23596)], rpoC1 [complement(24328..24762)], ycf3 [complement(44334..44486)], ycf3 [complement(45221..45448)], ycf3 [complement(46168..46293)], trnL-UAA [complement(49376..49412)], trnL-UAA [complement(49921..49970)], trnV-UAC [complement(53618..53654)], trnV-UAC [complement(54240..54278)], rps12 [complement(72488..72601)], rps12 [142799..143030], rps12 [143566..143591], clpP [complement(72740..72968)], clpP [complement(73643..73933)], clpP [complement(74770..74837)], petB [77730..77735], petB [78489..79145], petD [79339..79347], petD [80054..80578], rpl16 [complement(84081..84482)], rpl16 [complement(85524..85532)], rpl2 [complement(87192..87626)], rpl2 [complement(88289..88681)], ndhB [complement(97554..98309)], ndhB [complement(98994..99770)], trnI-GAU [105352..105393], trnI-GAU [106332..106366], trnA-UGC [106431..106468], trnA-UGC [107276..107310], ndhA [complement(122548..123086)], ndhA [complement(123992..124544)], trnA-UGC [complement(136898..136932)], trnA-UGC [complement(137740..137777)], trnI-GAU [complement(137842..137876)], trnI-GAU [complement(138815..138856)], ndhB [144438..145214], ndhB [145899..146654], rpl2 [155527..155919], rpl2 [156582..157016]	trnK-UUU [complement(1779..4289)], rps16 [complement(5371..6237)], trnG-GCC [9967..10662], atpF [complement(13150..13854)], rpoC1 [complement(23597..24327)], ycf3 [complement(44487..45220)], ycf3 [complement(45449..46167)], trnL-UAA [complement(49413..49920)], trnV-UAC [complement(53655..54239)], clpP [complement(72969..73642)], clpP [complement(73934..74769)], petB [77736..78488], petD [79348..80053], rpl16 [complement(84483..85523)], rpl2 [complement(87627..88288)], ndhB [complement(98310..98993)], trnI-GAU [105394..106331], trnA-UGC [106469..107275], ndhA [complement(123087..123991)], trnA-UGC [complement(136933..137739)], trnI-GAU [complement(137877..138814)], ndhB [145215..145898], rpl2 [155920..156581]
3468.	SYFO	70	rps12 [complement(102307..102333)], rps12 [complement(102880..103110)], rps12 [complement(74142..74255)], trnK [complement(2030..2064)], trnK [complement(4596..4632)], rps16 [complement(5213..5424)], rps16 [complement(6293..6332)], atpF [complement(12925..13334)], atpF	trnK [complement(2065..4595)], rps16 [complement(5425..6292)], atpF [complement(13335..14101)], rpoC1 [complement(23963..24693)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(14102..14246)], rpoC1 [complement(22346..23962)], rpoC1 [complement(24694..25146)], ycf3 [complement(46032..46184)], ycf3 [complement(46916..47145)], ycf3 [complement(47892..48015)], trnL [51232..51268], trnL [51778..51827], trnV [complement(55024..55060)], trnV [complement(55654..55692)], rps12 [complement(74142..74255)], rps12 [145447..145677], rps12 [146224..146250], clpP [complement(74422..74649)], clpP [complement(75273..75564)], clpP [complement(76435..76505)], petB [79336..79341], petB [80122..80763], petD [80956..80963], petD [81729..82203], rpl16 [complement(85530..85928)], rpl16 [complement(86931..86939)], rpl2 [complement(88665..89098)], rpl2 [complement(89763..90153)], ndhB [complement(99254..100009)], ndhB [complement(100691..101467)], trnI [107040..107081], trnI [108039..108073], trnA [108143..108180], trnA [108984..109018], ndhA [complement(124899..125430)], ndhA [complement(126525..127054)], trnA [complement(139539..139573)], trnA [complement(140377..140414)], trnI [complement(140484..140518)], trnI [complement(141476..141517)], ndhB [147090..147866], ndhB [148548..149303], rpl2 [158404..158793], rpl2 [159458..159892]	[complement(46185..46915)], ycf3 [complement(47146..47891)], trnL [51269..51777], trnV [complement(55061..55653)], clpP [complement(74650..75272)], clpP [complement(75565..76434)], petB [79342..80121], petD [80964..81728], rpl16 [complement(85929..86930)], rpl2 [complement(89099..89762)], ndhB [complement(100010..100690)], trnI [107082..108038], trnA [108181..108983], ndhA [complement(125431..126524)], trnA [complement(139574..140376)], trnI [complement(140519..141475)], ndhB [147867..148547], rpl2 [158794..159457]
3469.	SYNI	16	rps12 [complement(71676..71789)], trnH-GUG [complement(158315..158322)], trnH-GUG [complement(1..66)], trnV-AUA [complement(52721..52757)], trnV-AUA [complement(53357..53395)], rps12 [143708..143939], rps12 [144480..144505]	trnH-GUG [complement(158323..0)], trnK-UUU [complement(1655..4171)], trnG [9634..10361], trnL-UAA [48050..48647], trnV-AUA [complement(52758..53356)], trnI-UUC [105066..106019], trnA-UGC [106161..106964], trnA-UGC [complement(137792..138595)], trnI-UUC [complement(138737..139690)]
3470.	SYOV	70	rps12 [complement(100947..100972)], rps12 [complement(101508..101739)], rps12 [complement(72808..72921)], trnK-UUU [complement(1753..1787)], trnK-UUU [complement(4295..4331)], rps16 [complement(5159..5381)], rps16 [complement(6253..6290)], atpF [complement(12723..13132)], atpF [complement(13850..13994)], rpoC1 [complement(21936..23555)], rpoC1 [complement(24296..24760)], ycf3 [complement(44683..44835)], ycf3	trnK-UUU [complement(1788..4294)], rps16 [complement(5382..6252)], atpF [complement(13133..13849)], rpoC1 [complement(23556..24295)], ycf3 [complement(44836..45568)], ycf3 [complement(45797..46516)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45569..45796)], ycf3 [complement(46517..46642)], trnL-UAA [49694..49730], trnL-UAA [50239..50288], trnV-UAC [complement(53943..53979)], trnV-UAC [complement(54565..54603)], rps12 [complement(72808..72921)], rps12 [143126..143357], rps12 [143893..143918], clpP [complement(73060..73288)], clpP [complement(73962..74252)], clpP [complement(75082..75149)], petB [78049..78054], petB [78808..79464], petD [79658..79666], petD [80373..80897], rpl16 [complement(84405..84806)], rpl16 [complement(85852..85860)], rpl2 [complement(87525..87958)], rpl2 [complement(88624..89014)], ndhB [complement(97885..98640)], ndhB [complement(99324..100100)], trnI-GAU [105682..105723], trnI-GAU [106662..106696], trnA-UGC [106761..106798], trnA-UGC [107606..107640], ndhA [complement(122857..123396)], ndhA [complement(124298..124849)], trnA-UGC [complement(137225..137259)], trnA-UGC [complement(138067..138104)], trnI-GAU [complement(138169..138203)], trnI-GAU [complement(139142..139183)], ndhB [144765..145541], ndhB [146225..146980], rpl2 [155851..156240], rpl2 [156906..157340]	[49731..50238], trnV-UAC [complement(53980..54564)], clpP [complement(73289..73961)], clpP [complement(74253..75081)], petB [78055..78807], petD [79667..80372], rpl16 [complement(84807..85851)], rpl2 [complement(87959..88623)], ndhB [complement(98641..99323)], trnI-GAU [105724..106661], trnA-UGC [106799..107605], ndhA [complement(123397..124297)], trnA-UGC [complement(137260..138066)], trnI-GAU [complement(138204..139141)], ndhB [145542..146224], rpl2 [156241..156905]
3471.	SYPA	73	rps12 [complement(100517..100542)], rps12 [complement(101078..101309)], rps12 [complement(72418..72531)], trnK-UUU [complement(1728..1762)], trnK-UUU [complement(4276..4312)], rps16 [complement(5131..5356)], rps16 [complement(6223..6260)], trnG-GCC [9707..9729], trnG-GCC [10421..10468], atpF [complement(12502..12910)], atpF [complement(13613..13770)], rpoC1 [complement(21665..23290)], rpoC1 [complement(24032..24466)], ycf3 [complement(44428..44580)], ycf3 [complement(45316..45543)], ycf3 [complement(46263..46388)], trnL-UAA [complement(49451..49487)], trnL-UAA [complement(49978..50027)], trnV-UAC [complement(53693..53729)], trnV-UAC [complement(54315..54353)], rps12 [complement(72418..72531)], rps12 [142715..142946], rps12 [143482..143507], clpP [complement(72670..72898)], clpP [complement(73573..73863)], clpP [complement(74696..74763)], petB [77656..77661], petB [78415..79071], petD [79265..79273], petD [79980..80504], rpl16 [complement(83999..84400)], rpl16	trnK-UUU [complement(1763..4275)], rps16 [complement(5357..6222)], trnG-GCC [9730..10420], atpF [complement(12911..13612)], rpoC1 [complement(23291..24031)], ycf3 [complement(44581..45315)], ycf3 [complement(45544..46262)], trnL-UAA [complement(49488..49977)], trnV-UAC [complement(53730..54314)], clpP [complement(72899..73572)], clpP [complement(73864..74695)], petB [77662..78414], petD [79274..79979], rpl16 [complement(84401..85442)], rpl2 [complement(87544..88205)], ndhB [complement(98227..98909)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(85443..85451)], rpl2 [complement(87109..87543)], rpl2 [complement(88206..88598)], ndhB [complement(97471..98226)], ndhB [complement(98910..99686)], trnI-GAU [105257..105298], trnI-GAU [106237..106271], trnA-UGC [106336..106373], trnA-UGC [107181..107215], ndhA [complement(122433..122971)], ndhA [complement(123875..124427)], trnA-UGC [complement(136809..136843)], trnA-UGC [complement(137651..137688)], trnI-GAU [complement(137753..137787)], trnI-GAU [complement(138726..138767)], ndhB [144338..145114], ndhB [145798..146553], rpl2 [155426..155818], rpl2 [156481..156915]	[105299..106236], trnA-UGC [106374..107180], ndhA [complement(122972..123874)], trnA-UGC [complement(136844..137650)], trnI-GAU [complement(137788..138725)], ndhB [145115..145797], rpl2 [155819..156480]
3472.	SYPE	66	rps12 [complement(99558..99592)], rps12 [complement(100129..100360)], rps12 [complement(71994..72107)], rps16 [complement(5277..5503)], rps16 [complement(6379..6418)], trnG-GCC [10094..10116], trnG-GCC [10795..10842], atpF [complement(12774..13184)], atpF [complement(13880..14023)], rpoC1 [complement(21896..23515)], rpoC1 [complement(24226..24678)], ycf3 [complement(44185..44337)], ycf3 [complement(45082..45311)], ycf3 [complement(46016..46139)], trnL-UAA [49027..49061], trnL-UAA [49536..49585], rps12 [141292..141523], rps12 [142060..142094], clpP [complement(72249..72476)], clpP [complement(73121..73412)], clpP [complement(74230..74300)], petB [77195..77200], petB [77918..78559], petD [78742..78749], petD [79465..79939], rpl16 [complement(83359..83757)], rpl16 [complement(84611..84619)], rpl2 [complement(86300..86733)], rpl2 [complement(87410..87800)], ndhB [complement(96551..97306)], ndhB [complement(97986..98762)], trnI-GAU [104051..104087], trnI-GAU [105035..105069], trnA-UGC [105134..105171], trnA-UGC [105983..106017], ndhA [118415..118970], ndhA [120080..120609], trnA-UGC [complement(135635..135669)], trnA-UGC [complement(136481..136518)], trnI-GAU [complement(136583..136617)], trnI-GAU [complement(137565..137601)], ndhB [142890..143666], ndhB [144346..145101], rpl2 [153852..154242], rpl2 [154919..155352]	rps16 [complement(5504..6378)], trnG-GCC [10117..10794], atpF [complement(13185..13879)], rpoC1 [complement(23516..24225)], ycf3 [complement(44338..45081)], ycf3 [complement(45312..46015)], trnL-UAA [49062..49535], clpP [complement(72477..73120)], clpP [complement(73413..74229)], petB [77201..77917], petD [78750..79464], rpl16 [complement(83758..84610)], rpl2 [complement(86734..87409)], ndhB [complement(97307..97985)], trnI-GAU [104088..105034], trnA-UGC [105172..105982], ndhA [118971..120079], trnA-UGC [complement(135670..136480)], trnI-GAU [complement(136618..137564)], ndhB [143667..144345], rpl2 [154243..154918]
3473.	SYPI	70	rps12 [complement(99481..99506)], rps12 [complement(100043..100274)], rps12 [complement(71933..72046)], trnK [1860..1894], trnK [4388..4424],	trnK [1895..4387], rps16 [complement(5530..6403)], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(5303..5529)], rps16 [complement(6404..6443)], trnG [10102..10124], trnG [10802..10849], atpF [complement(12786..13196)], atpF [complement(13893..14036)], rpoC1 [complement(21912..23531)], rpoC1 [complement(24249..24701)], ycf3 [complement(44170..44322)], ycf3 [complement(45066..45295)], ycf3 [complement(46000..46123)], trnL [48996..49030], trnL [49510..49559], trnV [complement(53407..53440)], trnV [complement(54014..54051)], clpP [complement(72180..72407)], clpP [complement(73054..73345)], clpP [complement(74154..74224)], petB [77130..77135], petB [77836..78477], petD [78660..78667], petD [79383..79857], rpl16 [complement(83281..83679)], rpl16 [complement(84533..84541)], rpl2 [complement(86223..86656)], rpl2 [complement(87333..87723)], ndhB [complement(96474..97229)], ndhB [complement(97909..98685)], trnI [103965..104001], trnI [104949..104983], trnA [105048..105085], trnA [105897..105931], ndhA [complement(120958..121487)], ndhA [complement(122596..123151)], trnA [complement(135563..135597)], trnA [complement(136409..136446)], trnI [complement(136511..136545)], trnI [complement(137493..137529)], ndhB [142809..143585], ndhB [144265..145020], rpl2 [153771..154161], rpl2 [154838..155271]	[10125..10801], atpF [complement(13197..13892)], rpoC1 [complement(23532..24248)], ycf3 [complement(44323..45065)], ycf3 [complement(45296..45999)], trnL [49031..49509], trnV [complement(53441..54013)], clpP [complement(72408..73053)], clpP [complement(73346..74153)], petB [77136..77835], petD [78668..79382], rpl16 [complement(83680..84532)], rpl2 [complement(86657..87332)], ndhB [complement(97230..97908)], trnI [104002..104948], trnA [105086..105896], ndhA [complement(121488..122595)], trnA [complement(135598..136408)], trnI [complement(136546..137492)], ndhB [143586..144264], rpl2 [154162..154837]
3474.	SYRE	73	rps12 [complement(100437..100462)], rps12 [complement(101003..101234)], rps12 [complement(71855..71968)], trnK-UUU [complement(1616..1657)], trnK-UUU [complement(4175..4211)], rpl16 [complement(4949..5172)], rpl16 [complement(6189..6228)], trnG-UCC [9603..9626], trnG-UCC [10356..10403], atpF [complement(12378..12788)], atpF [complement(13576..13719)], rpoC1 [complement(21531..23150)], rpoC1 [complement(23921..24373)], ycf3 [complement(43872..44024)], ycf3 [complement(44787..45016)], ycf3 [complement(45779..45902)], trnL-UAA [48158..48194], trnL-UAA [48797..48845], trnV-UAC [complement(52880..52916)], trnV-UAC [complement(53516..53554)], rps12 [complement(71855..71968)], rps12 [143908..144139], rps12 [144680..144705], clpP [complement(72165..72410)], clpP [complement(73093..73384)], clpP [complement(74179..74249)], petB	trnK-UUU [complement(1658..4174)], rpl16 [complement(5173..6188)], trnG-UCC [9627..10355], atpF [complement(12789..13575)], rpoC1 [complement(23151..23920)], ycf3 [complement(44025..44786)], ycf3 [complement(45017..45778)], trnL-UAA [48195..48796], trnV-UAC [complement(52917..53515)], clpP [complement(72411..73092)], clpP [complement(73385..74178)], petB [77928..77976], petD [78833..79564], rpl16 [complement(83941..84950)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77922..77927], petB [77977..78618], petD [78825..78832], petD [79565..80039], rpl16 [complement(83542..83940)], rpl16 [complement(84951..84959)], rpl2 [complement(86671..87101)], rpl2 [complement(87766..88150)], ndhB [complement(97398..98153)], ndhB [complement(98854..99630)], trnI-GAU [105220..105261], trnI-GAU [106211..106245], trnA-UGC [106310..106347], trnA-UGC [107152..107186], ndhA [complement(123434..123972)], ndhA [complement(125111..125663)], trnA-UGC [complement(137956..137990)], trnA-UGC [complement(138795..138832)], trnI-GAU [complement(138897..138931)], trnI-GAU [complement(139881..139922)], ndhB [145512..146288], ndhB [146989..147744], rpl2 [156992..157376], rpl2 [158041..158471]	[complement(87102..87765)], ndhB [complement(98154..98853)], trnI-GAU [105262..106210], trnA-UGC [106348..107151], ndhA [complement(123973..125110)], trnA-UGC [complement(137991..138794)], trnI-GAU [complement(138932..139880)], ndhB [146289..146988], rpl2 [157377..158040]
3475.	SYVU	69	rps12 [complement(99574..99599)], rps12 [complement(100141..100372)], rps12 [complement(72065..72178)], trnK [1834..1868], trnK [4364..4400], rps16 [complement(5311..5507)], rps16 [complement(6386..6425)], trnG-GCC [10076..10098], trnG-GCC [10780..10827], atpF [complement(12760..13170)], atpF [complement(13869..14012)], rpoC1 [complement(21913..23532)], rpoC1 [complement(24244..24696)], ycf3 [complement(44202..44354)], ycf3 [complement(45099..45328)], ycf3 [complement(46025..46148)], trnL-UAA [49004..49038], trnL-UAA [49513..49562], rps12 [141487..141718], rps12 [142260..142285], clpP [complement(72312..72539)], clpP [complement(73183..73474)], clpP [complement(74282..74352)], petB [77260..77265], petB [77939..78580], petD [78763..78770], petD [79487..79961], rpl16 [complement(83380..83778)], rpl16 [complement(84637..84645)], rpl2 [complement(86303..86736)], rpl2 [complement(87412..87802)], ndhB [complement(96567..97322)], ndhB [complement(98002..98778)], trnI-GAU [104082..104118], trnI-GAU [105066..105100], trnA-UGC [105165..105202], trnA-UGC [106014..106048], ndhA [complement(121183..121712)], ndhA [complement(122822..123377)], trnA-UGC [complement(135811..135845)], trnA-UGC [complement(136657..136694)], trnI-GAU [complement(136759..136793)], trnI-GAU [complement(137741..137777)], ndhB [143081..143857], ndhB [144537..145292], rpl2 [154057..154447], rpl2 [155123..155556]	trnK [1869..4363], rps16 [complement(5508..6385)], trnG-GCC [10099..10779], atpF [complement(13171..13868)], rpoC1 [complement(23533..24243)], ycf3 [complement(44355..45098)], ycf3 [complement(45329..46024)], trnL-UAA [49039..49512], clpP [complement(72540..73182)], clpP [complement(73475..74281)], petB [77266..77938], petD [78771..79486], rpl16 [complement(83779..84636)], rpl2 [complement(86737..87411)], ndhB [complement(97323..98001)], trnI-GAU [104119..105065], trnA-UGC [105203..106013], ndhA [complement(121713..122821)], trnA-UGC [complement(135846..136656)], trnI-GAU [complement(136794..137740)], ndhB [143858..144536], rpl2 [154448..155122]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3476.	SYUU	66	rps12 [complement(99553..99578)], rps12 [complement(100119..100350)], rps12 [complement(72552..72665)], rps16 [complement(5265..5491)], rps16 [complement(6366..6405)], trnG-GCC [10127..10149], trnG-GCC [10827..10874], atpF [complement(12808..13218)], atpF [complement(13914..14057)], rpoC1 [complement(21955..23574)], rpoC1 [complement(24285..24737)], ycf3 [complement(44235..44387)], ycf3 [complement(45140..45369)], ycf3 [complement(46071..46194)], trnL-UAA [49093..49127], trnL-UAA [49602..49651], rps12 [143124..143355], rps12 [143896..143921], clpP [complement(72799..73026)], clpP [complement(73683..73974)], clpP [complement(74761..74831)], petB [77635..77640], petB [78348..78989], petD [79172..79179], petD [79897..80371], rpl16 [complement(83786..84184)], rpl16 [complement(85035..85043)], rpl2 [complement(86715..87148)], rpl2 [complement(87824..88214)], ndhB [complement(96546..97301)], ndhB [complement(97981..98757)], trnI-GAU [104065..104101], trnI-GAU [105049..105083], trnA-UGC [105148..105185], trnA-UGC [105997..106031], ndhA [complement(122615..123144)], ndhA [complement(124276..124831)], trnA-UGC [complement(137443..137477)], trnA-UGC [complement(138289..138326)], trnI-GAU [complement(138391..138425)], trnI-GAU [complement(139373..139409)], ndhB [144717..145493], ndhB [146173..146928], rpl2 [155260..155650], rpl2 [156326..156759]	rps16 [complement(5492..6365)], trnG-GCC [10150..10826], atpF [complement(13219..13913)], rpoC1 [complement(23575..24284)], ycf3 [complement(44388..45139)], ycf3 [complement(45370..46070)], trnL-UAA [49128..49601], clpP [complement(73027..73682)], clpP [complement(73975..74760)], petB [77641..78347], petD [79180..79896], rpl16 [complement(84185..85034)], rpl2 [complement(87149..87823)], ndhB [complement(97302..97980)], trnI-GAU [104102..105048], trnA-UGC [105186..105996], ndhA [complement(123145..124275)], trnA-UGC [complement(137478..138288)], trnI-GAU [complement(138426..139372)], ndhB [145494..146172], rpl2 [155651..156325]
3477.	TAA M	44	trnK-UUU [complement(1773..1807)], trnK-UUU [complement(4365..4401)], trnG-UCC [complement(29804..29850)], trnG-UCC [complement(30577..30599)], trnL-UAA [46594..46630], trnL-UAA [47082..47131], trnV [complement(51015..51052)], trnV [complement(51625..51662)], rps12 [complement(69376..69489)], rps12 [137374..137616], petB [74594..74599], petB [75363..76004], petD [76217..76224], petD [76924..77398], trnI-GAU [101351..101393], trnI-GAU [102166..102200], trnA-UGC [102265..102302], trnA-UGC [103117..103151], trnA-UGC [complement(132125..132159)], trnA-UGC [complement(132974..133011)], trnI-GAU [complement(133076..133110)], trnI-GAU [complement(133883..133925)]	trnK-UUU [complement(1808..4364)], rps16 [complement(5385..6243)], rpoC1 [16288..16972], atpF [26659..27365], trnG-UCC [complement(29851..30576)], ycf3 [complement(41906..42645)], ycf3 [complement(42876..43565)], trnL-UAA [46631..47081], trnV [complement(51053..51624)], clpP [complement(69880..70503)], clpP [complement(70795..71606)], petB [74600..75362], petD [76225..76923], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(84486..85150)], ndhB [complement(94854..95522)], trnI-GAU [101394..102165], trnA-UGC [102303..103116], ndhA [115480..116533], trnA-UGC [complement(132160..132973)], trnI-GAU [complement(133111..133882)], ndhB [139754..140422], rpl2 [150126..150790]
3478.	TABA	19	trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3690..3726)], trnL-UAA [43212..43246], trnL-UAA [43695..43744], trnV-UAC [complement(47161..47197)], trnV-UAC [complement(47688..47725)]	trnK-UUU [complement(1264..3689)], ycf3 [8772..9454], ycf3 [9681..10390], rpoC1 [29111..29800], atpF [37733..38430], trnL-UAA [43247..43694], trnV-UAC [complement(47198..47687)], petD [complement(59356..59995)], petB [complement(60879..61660)], rpl16 [complement(76156..77021)], rpl2 [complement(79086..79749)], ndhB [complement(90572..91299)], ndhA [complement(114149..114910)]
3479.	TABE	41	rps12 [complement(92598..92623)], rps12 [complement(93205..93436)], rps12 [complement(74058..74171)], trnK-UUU [complement(1392..1426)], trnK-UUU [complement(3960..3996)], ycf3 [8929..9054], ycf3 [9731..9956], ycf3 [10667..10824], rpoC1 [28982..29423], rpoC1 [30121..31814], atpF [38008..38152], atpF [38840..39249], trnL-UAA [43328..43362], trnL-UAA [43812..43861], trnV-UAC [complement(47258..47294)], trnV-UAC [complement(47836..47873)], petD [complement(59276..59792)], petD [complement(60432..60439)], petB [complement(60680..61322)], petB [complement(62110..62114)], rpl16 [complement(75490..75909)], rpl16 [complement(76806..76814)], rpl2 [complement(78422..78852)], rpl2 [complement(79500..79899)], ndhB [complement(89616..90371)], ndhB [complement(91083..91805)], ndhA [complement(113170..113718)], ndhA [complement(114482..115030)]	trnK-UUU [complement(1427..3959)], ycf3 [9055..9730], ycf3 [9957..10666], rpoC1 [29424..30120], atpF [38153..38839], trnL-UAA [43363..43811], trnV-UAC [complement(47295..47835)], petD [complement(59793..60431)], petB [complement(61323..62109)], rpl16 [complement(75910..76805)], rpl2 [complement(78853..79499)], ndhB [complement(90372..91082)], ndhA [complement(113719..114481)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3480.	TABR	33	rps12 [complement(97596..97838)], rps12 [complement(69360..69473)], trnL-UAA [46578..46614], trnL-UAA [47055..47104], trnV-UAC [complement(51063..51099)], trnV-UAC [complement(51673..51710)], rps12 [137307..137549], trnI-GAU [101287..101329], trnI-GAU [102100..102134], trnA-UGC [102199..102236], trnA-UGC [103051..103085], trnA-UGC [complement(132060..132094)], trnA-UGC [complement(132909..132946)], trnI-GAU [complement(133011..133045)], trnI-GAU [complement(133816..133858)]	rps16 [complement(5361..6224)], rpoC1 [16240..16924], atpF [26608..27318], ycf3 [complement(41877..42616)], ycf3 [complement(42845..43534)], trnL-UAA [46615..47054], trnV-UAC [complement(51100..51672)], clpP [complement(69863..70484)], clpP [complement(70776..71589)], rpl2 [complement(84423..85084)], ndhB [complement(94790..95458)], trnI-GAU [101330..102099], trnA-UGC [102237..103050], ndhA [115414..116500], trnA-UGC [complement(132095..132908)], trnI-GAU [complement(133046..133815)], ndhB [139687..140355], rpl2 [150058..150722]
3481.	TACA	64	rps12 [complement(89713..89741)], rps12 [complement(90282..90513)], rps12 [complement(67879..67992)], trnK-UUU [complement(1375..1409)], trnK-UUU [complement(3893..3929)], rps16 [complement(4506..4723)], rps16 [complement(5516..5555)], trnG-UCC [complement(12810..12857)], trnG-UCC [complement(13536..13558)], atpF [32910..33054], atpF [33875..34281], ycf3 [complement(42097..42257)], ycf3 [complement(42987..43212)], ycf3 [complement(43969..44094)], trnL-UAA [46712..46746], trnL-UAA [47328..47377], trnV-UAC [complement(50963..50999)], trnV-UAC [complement(51596..51634)], rps12 [127297..127528], rps12 [128069..128097], petB [71720..71725], petB [72477..73118], petD [73305..73312], petD [74063..74537], rpl16 [complement(78130..78531)], rpl16 [complement(79575..79583)], rpl2 [complement(81575..82005)], rpl2 [complement(82669..83059)], ndhB [complement(86645..87400)], ndhB [complement(88113..88889)], trnI-GAU [94334..94370], trnI-GAU [95177..95211], trnA-UGC [95277..95314], trnA-UGC [96120..96154], ndhA [complement(112186..112724)], ndhA [complement(113750..114299)], trnA-	trnK-UUU [complement(1410..3892)], rps16 [complement(4724..5515)], trnG-UCC [complement(12858..13535)], atpF [33055..33874], ycf3 [complement(42258..42986)], ycf3 [complement(43213..43968)], trnL-UAA [46747..47327], trnV-UAC [complement(51000..51595)], petB [71726..72476], petD [73313..74062], rpl16 [complement(78532..79574)], rpl2 [complement(82006..82668)], ndhB [complement(87401..88112)], trnI-GAU [94371..95176], trnA-UGC [95315..96119], ndhA [complement(112725..113749)], trnA-UGC [complement(121691..122495)], trnI-GAU [complement(122634..123439)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [complement(121656..121690)], trnA-UGC [complement(122496..122533)], trnI-GAU [complement(122599..122633)], trnI-GAU [complement(123440..123476)], ndhB [128921..129697], ndhB [130410..131165], rpl2 [134751..135141], rpl2 [135805..136235]	[129698..130409], rpl2 [135142..135804]
3482.	TACE	41	rps12 [complement(93063..93088)], rps12 [complement(93660..93891)], rps12 [complement(74423..74536)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3691..3727)], ycf3 [8664..8789], ycf3 [9466..9691], ycf3 [10394..10551], rpoC1 [28803..29244], rpoC1 [29935..31607], atpF [37751..37895], atpF [38588..38997], trnL-UAA [43370..43404], trnL-UAA [43853..43902], trnV-UAC [complement(47372..47408)], trnV-UAC [complement(47900..47937)], petD [complement(58979..59489)], petD [complement(60128..60135)], petB [complement(60369..61011)], petB [complement(61794..61798)], rpl16 [complement(75865..76284)], rpl16 [complement(77150..77158)], rpl2 [complement(78765..79195)], rpl2 [complement(79823..80216)], ndhB [complement(90034..90789)], ndhB [complement(91522..92244)], ndhA [complement(113472..114020)], ndhA [complement(114785..115348)]	trnK-UUU [complement(1264..3690)], ycf3 [8790..9465], ycf3 [9692..10393], rpoC1 [29245..29934], atpF [37896..38587], trnL-UAA [43405..43852], trnV-UAC [complement(47409..47899)], petD [complement(59490..60127)], petB [complement(61012..61793)], rpl16 [complement(76285..77149)], rpl2 [complement(79196..79822)], ndhB [complement(90790..91521)], ndhA [complement(114021..114784)]
3483.	TACH	28	rps12 [complement(81088..81113)], rps12 [complement(81657..81888)], rps12 [complement(55974..56087)], atpF [complement(7271..7645)], atpF [complement(8425..8574)], rpoC1 [complement(15676..17292)], rpoC1 [complement(18046..18501)], ycf3 [complement(35530..35682)], ycf3 [complement(36454..36683)], ycf3 [complement(37414..37540)], rps12 [109833..110064], rps12 [110608..110633], clpP [complement(56226..56454)], clpP [complement(57076..57410)], petB [61157..61162], petB [61918..62559], petD [62816..62824], petD [63543..64025], rpl2 [complement(70138..70574)], rpl2 [complement(71220..71613)]	atpF [complement(7646..8424)], rpoC1 [complement(17293..18045)], ycf3 [complement(35683..36453)], ycf3 [complement(36684..37413)], clpP [complement(56455..57075)], petB [61163..61917], petD [62825..63542], rpl2 [complement(70575..71219)]
3484.	TACI	66	rps12 [complement(98644..98669)], rps12 [complement(99208..99439)], rps12 [complement(70335..70448)], trnK-UUU [complement(1665..1699)], trnK-UUU [complement(4206..4242)], rps16 [complement(4934..5147)], rps16 [complement(6005..6045)], trnG-UCC [8956..8978], trnG-UCC [9669..9716], atpF [complement(11642..12051)], atpF [complement(12757..12901)], rpoC1 [complement(20522..22147)], rpoC1 [complement(22917..23348)], ycf3	trnK-UUU [complement(1700..4205)], rps16 [complement(5148..6004)], trnG-UCC [8979..9668], atpF [complement(12052..12756)], rpoC1 [complement(22148..22916)], ycf3 [complement(43321..44106)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43168..43320)], ycf3 [complement(44107..44334)], ycf3 [complement(45113..45238)], trnL-UAA [48566..48602], trnL-UAA [49099..49148], trnV-UAC [complement(52617..52651)], trnV-UAC [complement(53244..53282)], rps12 [141498..141729], rps12 [142268..142293], clpP [complement(70603..70830)], clpP [complement(71464..71755)], clpP [complement(72581..72651)], petB [75600..75605], petB [76262..76903], petD [77104..77111], petD [77862..78336], rpl16 [complement(81846..82244)], rpl16 [complement(83335..83343)], ndhB [complement(95588..96343)], ndhB [complement(97023..97799)], trnI-GAU [103334..103370], trnI-GAU [104317..104351], trnA-UGC [104416..104453], trnA-UGC [105264..105298], ndhA [complement(121181..121719)], ndhA [complement(122840..123392)], trnA-UGC [complement(135639..135673)], trnA-UGC [complement(136484..136521)], trnI-GAU [complement(136586..136620)], trnI-GAU [complement(137567..137603)], ndhB [143138..143914], ndhB [144594..145349]	[complement(44335..45112)], trnL-UAA [48603..49098], trnV-UAC [complement(52652..53243)], clpP [complement(70831..71463)], clpP [complement(71756..72580)], petB [75606..76261], petD [77112..77861], rpl16 [complement(82245..83334)], ndhB [complement(96344..97022)], trnI-GAU [103371..104316], trnA-UGC [104454..105263], ndhA [complement(121720..122839)], trnA-UGC [complement(135674..136483)], trnI-GAU [complement(136621..137566)], ndhB [143915..144593]
3485.	TACL	41	rps12 [complement(92912..92937)], rps12 [complement(93534..93765)], rps12 [complement(74570..74683)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3690..3726)], ycf3 [8663..8788], ycf3 [9466..9691], ycf3 [10394..10551], rpoC1 [28968..29409], rpoC1 [30100..31772], atpF [37901..38045], atpF [38738..39147], trnL-UAA [43527..43561], trnL-UAA [44010..44059], trnV-UAC [complement(47511..47547)], trnV-UAC [complement(48038..48075)], petD [complement(59129..59639)], petD [complement(60278..60285)], petB [complement(60519..61161)], petB [complement(61944..61948)], rpl16 [complement(76011..76430)], rpl16 [complement(77286..77294)], rpl2 [complement(78919..79349)], rpl2 [complement(79977..80370)], ndhB [complement(89894..90649)], ndhB [complement(91379..92101)], ndhA [complement(113413..113961)], ndhA [complement(114725..115273)]	trnK-UUU [complement(1264..3689)], ycf3 [8789..9465], ycf3 [9692..10393], rpoC1 [29410..30099], atpF [38046..38737], trnL-UAA [43562..44009], trnV-UAC [complement(47548..48037)], petD [complement(59640..60277)], petB [complement(61162..61943)], rpl16 [complement(76431..77285)], rpl2 [complement(79350..79976)], ndhB [complement(90650..91378)], ndhA [complement(113962..114724)]
3486.	TACN	41	rps12 [complement(92325..92350)], rps12 [complement(92927..93158)], rps12 [complement(73816..73929)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3580..3616)], ycf3 [8547..8672], ycf3 [9348..9573],	trnK-UUU [complement(1264..3579)], ycf3 [8673..9347], ycf3 [9574..10276], rpoC1 [29028..29718], atpF [37657..38354], trnL-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ycf3 [10277..10434], rpoC1 [28586..29027], rpoC1 [29719..31391], atpF [37512..37656], atpF [38355..38764], trnL-UAA [43069..43103], trnL-UAA [43552..43601], trnV-UAC [complement(47005..47041)], trnV-UAC [complement(47523..47560)], petD [complement(58481..58991)], petD [complement(59630..59637)], petB [complement(59872..60514)], petB [complement(61297..61301)], rpl16 [complement(75256..75675)], rpl16 [complement(76539..76547)], rpl2 [complement(78173..78603)], rpl2 [complement(79230..79623)], ndhB [complement(89304..90059)], ndhB [complement(90797..91519)], ndhA [complement(113157..113705)], ndhA [complement(114462..115010)]	UAA [43104..43551], trnV-UAC [complement(47042..47522)], petD [complement(58992..59629)], petB [complement(60515..61296)], rpl16 [complement(75676..76538)], rpl2 [complement(78604..79229)], ndhB [complement(90060..90796)], ndhA [complement(113706..114461)]
3487.	TACO	41	rps12 [complement(92639..92664)], rps12 [complement(93238..93469)], rps12 [complement(74194..74307)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3690..3726)], ycf3 [8637..8762], ycf3 [9447..9672], ycf3 [10384..10541], rpoC1 [28663..29104], rpoC1 [29795..31467], atpF [37551..37695], atpF [38394..38803], trnL-UAA [43179..43213], trnL-UAA [43662..43711], trnV-UAC [complement(47105..47141)], trnV-UAC [complement(47632..47669)], petD [complement(58716..59226)], petD [complement(59865..59872)], petB [complement(60106..60748)], petB [complement(61531..61535)], rpl16 [complement(75646..76065)], rpl16 [complement(76931..76939)], rpl2 [complement(78582..79012)], rpl2 [complement(79641..80034)], ndhB [complement(89627..90382)], ndhB [complement(91108..91830)], ndhA [complement(112877..113425)], ndhA [complement(114198..114746)]	trnK-UUU [complement(1264..3689)], ycf3 [8763..9446], ycf3 [9673..10383], rpoC1 [29105..29794], atpF [37696..38393], trnL-UAA [43214..43661], trnV-UAC [complement(47142..47631)], petD [complement(59227..59864)], petB [complement(60749..61530)], rpl16 [complement(76066..76930)], rpl2 [complement(79013..79640)], ndhB [complement(90383..91107)], ndhA [complement(113426..114197)]
3488.	TACU	41	rps12 [complement(92506..92531)], rps12 [complement(93103..93334)], rps12 [complement(74106..74219)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3681..3717)], ycf3 [8620..8745], ycf3 [9422..9647], ycf3 [10350..10507], rpoC1 [28617..29058], rpoC1 [29733..31405], atpF [37555..37699], atpF [38398..38807], trnL-UAA [43149..43183], trnL-UAA [43632..43681], trnV-UAC [complement(47108..47144)], trnV-UAC [complement(47626..47663)], petD [complement(58686..59196)], petD [complement(59835..59842)], petB [complement(60081..60723)], petB [complement(61506..61510)], rpl16 [complement(75517..75936)], rpl16	trnK-UUU [complement(1264..3680)], ycf3 [8746..9421], ycf3 [9648..10349], rpoC1 [29059..29732], atpF [37700..38397], trnL-UAA [43184..43631], trnV-UAC [complement(47145..47625)], petD [complement(59197..59834)], petB [complement(60724..61505)], rpl16 [complement(75937..76801)], rpl2 [complement(78848..79474)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(76802..76810)], rpl2 [complement(78417..78847)], rpl2 [complement(79475..79868)], ndhB [complement(89500..90258)], ndhB [complement(90981..91703)], ndhA [complement(112872..113420)], ndhA [complement(114183..114731)]	[complement(90259..90980)], ndhA [complement(113421..114182)]
3489.	TADI	50	trnK-UUU [complement(1526..1560)], trnK-UUU [complement(3980..4016)], rps16 [complement(4715..4902)], rps16 [complement(5678..5717)], ycf3 [9799..9924], ycf3 [10625..10850], ycf3 [11545..11702], rpoC1 [29900..30341], rpoC1 [31044..32698], atpF [39421..39571], atpF [40265..40674], trnG-UCC [complement(42597..42644)], trnG-UCC [complement(43442..43464)], trnL-UAA [45942..45976], trnL-UAA [46457..46506], ndhA [complement(51291..51839)], ndhA [complement(52582..53139)], trnA-UGC [complement(63697..63731)], trnA-UGC [complement(64507..64544)], trnI-GAU [complement(64596..64630)], trnI-GAU [complement(65508..65544)], ndhB [70620..71342], ndhB [72025..72780], rpl2 [81797..82201], rpl2 [82843..83274], rpl16 [84958..84966], rpl16 [85797..86207], petD [complement(89949..90438)], petD [complement(91088..91095)], petB [complement(91262..91904)], petB [complement(92340..92344)], trnV-UAC [123955..123992], trnV-UAC [124523..124559]	trnK-UUU [complement(1561..3979)], rps16 [complement(4903..5677)], ycf3 [9925..10624], ycf3 [10851..11544], rpoC1 [30342..31043], atpF [39572..40264], trnG-UCC [complement(42645..43441)], trnL-UAA [45977..46456], ndhA [complement(51840..52581)], trnA-UGC [complement(63732..64506)], trnI-GAU [complement(64631..65507)], ndhB [71343..72024], rpl2 [82202..82842], rpl16 [84967..85796], petD [complement(90439..91087)], petB [complement(91905..92339)], trnV-UAC [123993..124522]
3490.	TAER	24	atpF [26894..27038]	trnK-UUU [complement(1688..4333)], rps16 [complement(5338..6184)], rpoC1 [16574..17314], atpF [27039..27747], trnG-UCC [complement(30202..30945)], ycf3 [complement(42315..43066)], ycf3 [complement(43296..43989)], trnL-UAA [47091..47518], trnV-UAC [complement(51061..51634)], clpP [complement(69967..70587)], clpP [complement(70879..71675)], petB [74674..75457], petD [76302..77012], rpl16 [complement(81343..82354)], rpl2 [complement(84483..85147)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(94843..95512)], trnI-GAU [101862..102646], trnA-UGC [102784..103594], ndhA [115931..116987], trnA-UGC [complement(132358..133168)], trnI-GAU [complement(133306..134090)], ndhB [140440..141109], rpl2 [150805..151469]
3491.	TAFL	52	trnK [complement(1303..1337)], trnK [complement(3668..3704)], rps16 [complement(4402..4475)], rps16 [complement(5296..5335)], ycf3 [9424..9549], ycf3 [10201..10428], ycf3 [11116..11286], rpoC1 [28553..29010], rpoC1 [29709..31362], atpF [37638..37782], atpF [38499..38899], trnG [complement(40816..40863)], trnG [complement(41661..41683)], trnL [44098..44132], trnL [44605..44654], ndhA [complement(49472..50020)], ndhA [complement(50816..51373)], trnA [complement(61906..61940)], trnA [complement(62711..62748)], trnI [complement(62801..62835)], trnI [complement(63778..63814)], rps12 [complement(104846..104959)], rps12 [67670..67924], ndhB [69626..70036], ndhB [70734..71486], rpl2 [81032..81431], rpl2 [82106..82536], rpl16 [84248..84256], rpl16 [85170..85610], petD [complement(89131..89621)], petD [complement(90278..90284)], petB [complement(90493..91135)], petB [complement(91904..91908)], trnV [123690..123727], trnV [124254..124290]	trnK [complement(1338..3667)], rps16 [complement(4476..5295)], ycf3 [9550..10200], ycf3 [10429..11115], rpoC1 [29011..29708], atpF [37783..38498], trnG [complement(40864..41660)], trnL [44133..44604], ndhA [complement(50021..50815)], trnA [complement(61941..62710)], trnI [complement(62836..63777)], ndhB [70037..70733], rpl2 [81432..82105], rpl16 [84257..85169], petD [complement(89622..90277)], petB [complement(91136..91903)], trnV [123728..124253]
3492.	TAFO	41	rps12 [complement(94397..94422)], rps12 [complement(94994..95225)], rps12 [complement(74895..75008)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3680..3716)], atpF [complement(11140..11549)], atpF [complement(12244..12388)], rpoC1 [complement(18536..20214)], rpoC1 [complement(20896..21337)], ycf3 [complement(39628..39785)], ycf3 [complement(40509..40734)], ycf3 [complement(41416..41541)], trnL-UAA [43403..43437], trnL-UAA [43880..43929], trnV-UAC [complement(47320..47356)], trnV-UAC [complement(47890..47927)], petD [complement(59212..59722)], petD [complement(60361..60368)], petB [complement(60602..61244)], petB [complement(62027..62031)], rpl16 [complement(76335..76754)], rpl16 [complement(77622..77630)], rpl2	trnK-UUU [complement(1264..3679)], atpF [complement(11550..12243)], rpoC1 [complement(20215..20895)], ycf3 [complement(39786..40508)], ycf3 [complement(40735..41415)], trnL-UAA [43438..43879], trnV-UAC [complement(47357..47889)], petD [complement(59723..60360)], petB [complement(61245..62026)], rpl16 [complement(76755..77621)], rpl2 [complement(79686..80329)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(79255..79685)], rpl2 [complement(80330..80729)], ndhB [complement(91373..92128)], ndhB [complement(92851..93573)], ndhA [complement(114721..115260)], ndhA [complement(116016..116564)]	[complement(92129..92850)], ndhA [complement(115261..116015)]
3493.	TAFR	41	rps12 [complement(92689..92714)], rps12 [complement(93286..93517)], rps12 [complement(74167..74280)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3690..3726)], ycf3 [8590..8715], ycf3 [9398..9623], ycf3 [10315..10472], rpoC1 [28677..29118], rpoC1 [29809..31481], atpF [37613..37757], atpF [38443..38852], trnL-UAA [43227..43261], trnL-UAA [43710..43759], trnV-UAC [complement(47209..47245)], trnV-UAC [complement(47736..47773)], petD [complement(58681..59191)], petD [complement(59830..59837)], petB [complement(60071..60713)], petB [complement(61503..61507)], rpl16 [complement(75608..76027)], rpl16 [complement(76893..76901)], rpl2 [complement(78490..78920)], rpl2 [complement(79548..79941)], ndhB [complement(89662..90417)], ndhB [complement(91140..91862)], ndhA [complement(112839..113387)], ndhA [complement(114151..114699)]	trnK-UUU [complement(1264..3689)], ycf3 [8716..9397], ycf3 [9624..10314], rpoC1 [29119..29808], atpF [37758..38442], trnL-UAA [43262..43709], trnV-UAC [complement(47246..47735)], petD [complement(59192..59829)], petB [complement(60714..61502)], rpl16 [complement(76028..76892)], rpl2 [complement(78921..79547)], ndhB [complement(90418..91139)], ndhA [complement(113388..114150)]
3494.	TAFU	32	rps12 [17268..17381], rps12 [complement(36352..36582)], rps12 [complement(35753..35779)], rpl2 [complement(21638..22069)], rpl2 [complement(22698..23090)], ndhB [complement(32745..33503)], ndhB [complement(34221..34628)], ndhA [complement(56032..56580)], ndhA [complement(57353..57901)], trnK-UUU [complement(72084..72118)], trnK-UUU [complement(74630..74667)], atpF [complement(82096..82505)], atpF [complement(83201..83348)], rpoC1 [complement(89427..91112)], rpoC1 [complement(91788..92231)], ycf3 [complement(110354..110509)], ycf3 [complement(111221..111448)], ycf3 [complement(112130..112258)], trnL-UAA [114113..114149], trnL-UAA [114596..114645], trnV-UAC [complement(118049..118075)], trnV-UAC [complement(118565..118603)]	rpl2 [complement(22070..22697)], ndhB [complement(33504..34220)], ndhA [complement(56581..57352)], trnK-UUU [complement(72119..74629)], atpF [complement(82506..83200)], rpoC1 [complement(91113..91787)], ycf3 [complement(110510..111220)], ycf3 [complement(111449..112129)], trnL-UAA [114150..114595], trnV-UAC [complement(118076..118564)]
3495.	TAGL	41	rps12 [complement(94329..94354)], rps12 [complement(94926..95157)], rps12 [complement(75017..75130)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3680..3716)], ycf3 [8622..8747], ycf3 [9429..9654], ycf3 [10366..10523], rpoC1 [28804..29245], rpoC1 [29927..31605], atpF [37759..37903], atpF [38598..39007], trnL-UAA [43370..43404], trnL-UAA	trnK-UUU [complement(1264..3679)], ycf3 [8748..9428], ycf3 [9655..10365], rpoC1 [29246..29926], atpF [37904..38597], trnL-UAA [43405..43846], trnV-UAC [complement(47325..47857)], petD

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[43847..43896], trnV-UAC [complement(47288..47324)], trnV-UAC [complement(47858..47895)], petD [complement(59365..59875)], petD [complement(60514..60521)], petB [complement(60738..61380)], petB [complement(62163..62167)], rpl16 [complement(76457..76876)], rpl16 [complement(77743..77751)], rpl2 [complement(79376..79806)], rpl2 [complement(80451..80850)], ndhB [complement(91331..92086)], ndhB [complement(92798..93520)], ndhA [complement(114601..115140)], ndhA [complement(115891..116439)]	[complement(59876..60513)], petB [complement(61381..62162)], rpl16 [complement(76877..77742)], rpl2 [complement(79807..80450)], ndhB [complement(92087..92797)], ndhA [complement(115141..115890)]
3496.	TAHA	28	rps12 [complement(74236..74349)], trnH-GUG [complement(161728..161729)], trnH-GUG [complement(1..76)], rps12 [147893..147918]	trnH-GUG [complement(161730..0)], trnK-UUU [complement(1982..4541)], rps16 [complement(5716..6584)], trnG-UCC [9423..10235], atpF [complement(12745..13546)], rpoC1 [complement(23696..24463)], ycf3 [complement(45675..46472)], ycf3 [complement(46703..47488)], trnL-UAA [50339..50918], trnV-UAC [complement(54954..55559)], clpP [complement(74766..75442)], clpP [complement(75734..76650)], petB [79617..80412], petD [81269..82006], rpl16 [complement(86374..87506)], rpl2 [complement(89713..90410)], ndhB [complement(100725..101407)], trnI-GAU [107880..108836], trnA-UGC [108973..109766], ndhA [complement(126908..128025)], trnA-UGC [complement(141181..141974)], trnI-GAU [complement(142111..143067)], ndhB [149540..150222], rpl2 [160537..161234]
3497.	TAHS	73	rps12 [complement(100984..101009)], rps12 [complement(101547..101778)], rps12 [complement(72495..72608)], trnK-UUU [complement(1780..1814)],	trnK-UUU [complement(1815..4377)], rps16 [complement(5744..6621)], trnT-CGU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4378..4414)], rps16 [complement(5517..5743)], rps16 [complement(6622..6661)], trnT-CGU [9269..9302], trnT-CGU [10026..10068], atpF [complement(12202..12611)], atpF [complement(13342..13486)], rpoC1 [complement(21545..23155)], rpoC1 [complement(23919..24350)], ycf3 [complement(44207..44359)], ycf3 [complement(45164..45391)], ycf3 [complement(46099..46224)], trnL-UAA [48826..48860], trnL-UAA [49400..49449], trnF-AAA [complement(52413..52451)], trnF-AAA [complement(52545..52579)], trnV-UAC [complement(53106..53140)], trnV-UAC [complement(53765..53803)], rps12 [complement(72495..72608)], rps12 [143420..143651], rps12 [144189..144214], clpP [complement(72790..73026)], clpP [complement(73622..73913)], clpP [complement(74816..74886)], petB [77875..77880], petB [78686..79327], rpl16 [complement(84437..84835)], rpl16 [complement(85953..85961)], rpl2 [complement(87675..88109)], rpl2 [complement(88796..89185)], ndhB [complement(97924..98685)], ndhB [complement(99368..100144)], trnE-UUC [105419..105450], trnE-UUC [106399..106438], trnA-UGC [106503..106539], trnA-UGC [107341..107376], ndhA [complement(123269..123798)], ndhA [complement(124924..125476)], trnA-UGC [complement(137822..137857)], trnA-UGC [complement(138659..138695)], trnE-UUC [complement(138760..138799)], trnE-UUC [complement(139748..139779)], ndhB [145054..145830], ndhB [146513..147274], rpl2 [156013..156402], rpl2 [157089..157523]	[9303..10025], atpF [complement(12612..13341)], rpoC1 [complement(23156..23918)], ycf3 [complement(44360..45163)], ycf3 [complement(45392..46098)], trnL-UAA [48861..49399], trnF-AAA [complement(52452..52544)], trnV-UAC [complement(53141..53764)], clpP [complement(73027..73621)], clpP [complement(73914..74815)], petB [77881..78685], rpl16 [complement(84836..85952)], rpl2 [complement(88110..88795)], ndhB [complement(98686..99367)], trnE-UUC [105451..106398], trnA-UGC [106540..107340], ndhA [complement(123799..124923)], trnA-UGC [complement(137858..138658)], trnE-UUC [complement(138800..139747)], ndhB [145831..146512], rpl2 [156403..157088]
3498.	TAIN	70	rps12 [complement(102516..102758)], rps12 [complement(72743..72856)], trnK-UUU [complement(1790..1818)], trnK-UUU [complement(4407..4443)], rps16 [complement(5396..5625)], rps16 [complement(6560..6599)], trnG-GCC [9208..9230], trnG-GCC [9953..10001], atpF [complement(12448..12854)], atpF [complement(13589..13733)], rpoC1 [complement(22117..23727)], rpoC1 [complement(24523..24954)], ycf3 [complement(45925..46077)], ycf3 [complement(46917..47144)], ycf3 [complement(47857..47985)], trnL-UAA [50571..50607], trnL-UAA [51247..51296], trnV-UAC [complement(54690..54726)], trnV-UAC [complement(55356..55394)], rps12 [144761..145003], clpP [complement(73101..73328)], clpP	trnK-UUU [complement(1819..4406)], rps16 [complement(5626..6559)], trnG-GCC [9231..9952], atpF [complement(12855..13588)], rpoC1 [complement(23728..24522)], ycf3 [complement(46078..46916)], ycf3 [complement(47145..47856)], trnL-UAA [50608..51246], trnV-UAC [complement(54727..55355)], clpP [complement(73329..73927)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(73928..74218)], clpP [complement(74950..75018)], petB [78014..78019], petB [78857..79498], petD [79703..79710], petD [80444..80918], rpl16 [complement(84806..85204)], rpl16 [complement(86329..86337)], rpl2 [complement(88105..88539)], rpl2 [complement(89231..89620)], ndhB [complement(98910..99665)], ndhB [complement(100345..101121)], trnI-GAU [106424..106465], trnI-GAU [107422..107456], trnA-UGC [107521..107558], trnA-UGC [108363..108397], ndhA [complement(124501..125040)], ndhA [complement(126247..126798)], trnA-UGC [complement(139122..139156)], trnA-UGC [complement(139961..139998)], trnI-GAU [complement(140063..140097)], trnI-GAU [complement(141054..141095)], ndhB [146398..147174], ndhB [147854..148609], rpl2 [157899..158288], rpl2 [158980..159414]	[complement(74219..74949)], petB [78020..78856], petD [79711..80443], rpl16 [complement(85205..86328)], rpl2 [complement(88540..89230)], ndhB [complement(99666..100344)], trnI-GAU [106466..107421], trnA-UGC [107559..108362], ndhA [complement(125041..126246)], trnA-UGC [complement(139157..139960)], trnI-GAU [complement(140098..141053)], ndhB [147175..147853], rpl2 [158289..158979]
3499.	TAKO	33	rps12 [complement(97721..97963)], rps12 [complement(69464..69577)], trnL-UAA [46602..46638], trnL-UAA [47079..47128], trnV-UAC [complement(51092..51128)], trnV-UAC [complement(51702..51739)], rps12 [137362..137604], trnI-GAU [101412..101454], trnI-GAU [102226..102260], trnA-UGC [102325..102362], trnA-UGC [103177..103211], trnA-UGC [complement(132114..132148)], trnA-UGC [complement(132963..133000)], trnI-GAU [complement(133065..133099)], trnI-GAU [complement(133871..133913)]	rps16 [complement(5372..6229)], rpoC1 [16281..16965], atpF [26669..27365], ycf3 [complement(41902..42641)], ycf3 [complement(42870..43559)], trnL-UAA [46639..47078], trnV-UAC [complement(51129..51701)], clpP [complement(69967..70588)], clpP [complement(70880..71692)], rpl2 [complement(84548..85209)], ndhB [complement(94915..95583)], trnI-GAU [101455..102225], trnA-UGC [102363..103176], ndhA [115525..116578], trnA-UGC [complement(132149..132962)], trnI-GAU [complement(133100..133870)], ndhB [139742..140410], rpl2 [150116..150777]
3500.	TALE	2	rps12 [148492..148517]	trnI-GAU [complement(142765..143704)]
3501.	TAM A	10	-	trnK-UUU [complement(1862..4287)], ycf3 [9369..10048], ycf3 [10277..10987], rpoC1 [29594..30283], atpF [38222..38897], trnL-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UAA [43728..44173], trnV-UAC [complement(47647..48152)], rpl2 [complement(79409..80033)], ndhB [complement(90658..91392)], ndhA [complement(113768..114529)]
3502.	TAM O	72	rps12 [complement(97254..97279)], rps12 [complement(97815..98046)], rps12 [complement(69561..69674)], trnK-UUU [complement(1778..1812)], trnK-UUU [complement(4352..4388)], rps16 [complement(5152..5378)], rps16 [complement(6237..6276)], rpoC1 [16044..16475], rpoC1 [17158..18798], atpF [26707..26850], atpF [27562..27972], trnG-UCC [complement(29978..30024)], trnG-UCC [complement(30751..30773)], ycf3 [complement(41943..42095)], ycf3 [complement(42836..43065)], ycf3 [complement(43749..43872)], trnL-UAA [46798..46832], trnL-UAA [47275..47324], trnV-UAC [complement(51266..51300)], trnV-UAC [complement(51875..51912)], rps12 [137458..137689], rps12 [138225..138250], clpP [complement(69836..70063)], clpP [complement(70687..70978)], clpP [complement(71788..71858)], petB [74774..74779], petB [75562..76203], petD [76393..76400], petD [77100..77574], rpl16 [complement(81060..81458)], rpl16 [complement(82517..82525)], rpl2 [complement(84202..84636)], rpl2 [complement(85302..85691)], ndhB [complement(94242..94997)], ndhB [complement(95667..96443)], trnI-GAU [101495..101532], trnI-GAU [102308..102342], trnA-UGC [102407..102444], trnA-UGC [103259..103293], ndhA [complement(118329..118867)], ndhA [complement(119922..120474)], trnA-UGC [complement(132211..132245)], trnA-UGC [complement(133060..133097)], trnI-GAU [complement(133162..133196)], trnI-GAU [complement(133972..134009)], ndhB [139061..139837], ndhB [140507..141262], rpl2 [149813..150203], rpl2 [150869..151302]	trnK-UUU [complement(1813..4351)], rps16 [complement(5379..6236)], rpoC1 [16476..17157], atpF [26851..27561], trnG-UCC [complement(30025..30750)], ycf3 [complement(42096..42835)], ycf3 [complement(43066..43748)], trnL-UAA [46833..47274], trnV-UAC [complement(51301..51874)], clpP [complement(70064..70686)], clpP [complement(70979..71787)], petB [74780..75561], petD [76401..77099], rpl16 [complement(81459..82516)], rpl2 [complement(84637..85301)], ndhB [complement(94998..95666)], trnI-GAU [101533..102307], trnA-UGC [102445..103258], ndhA [complement(118868..119921)], trnA-UGC [complement(132246..133059)], trnI-GAU [complement(133197..133971)], ndhB [139838..140506], rpl2 [150204..150868]
3503.	TAM U	25	trnV [complement(52329..52373)], rps12 [142167..142193], rpl2 [complement(85835..86269)]	trnK-UUU [complement(1894..4445)], rps16 [complement(5238..6089)], atpF [complement(13129..13823)], rpoC1 [complement(23077..23829)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(43900..44628)], ycf3 [complement(44857..45573)], trnL-UAA [48793..49289], trnV [complement(52374..52947)], clpP [complement(71483..72138)], clpP [complement(72430..73296)], petB [76334..77092], petD [77941..78763], rpl16 [complement(83164..84149)], rpl2 [complement(86270..86925)], ndhB [complement(96459..97137)], trnI [103551..104492], trnA-UGC [104634..105446], ndhA [complement(121456..122542)], trnA-UGC [complement(135526..136338)], trnI [complement(136480..137421)], ndhB [143835..144513], rpl2 [154047..154702]
3504.	TANE	26	rps16 [complement(4943..5161)], trnV [complement(52279..52322)], rps12 [141543..141569]	trnK-UUU [complement(1823..4370)], rps16 [complement(5162..6013)], trnS-GCU [9863..10541], atpF [complement(13121..13754)], rpoC1 [complement(23009..23754)], ycf3 [complement(43850..44578)], ycf3 [complement(44807..45523)], trnL-UAA [48743..49240], trnV [complement(52323..52897)], clpP [complement(71435..72090)], clpP [complement(72382..73247)], petB [76285..77043], petD [77889..78714], rpl16 [complement(83103..84101)], rpl2 [complement(86222..86880)], ndhB [complement(96411..97089)], trnI [103503..104444], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[104586..105398], ndhA [complement(121364..122466)], trnA-UGC [complement(134902..135714)], trnI [complement(135856..136797)], ndhB [143211..143889], rpl2 [153420..154078]
3505.	TAOB	39	trnK-UUU [complement(1768..1802)], trnK-UUU [complement(4360..4396)], trnG-UCC [complement(29826..29872)], trnG-UCC [complement(30599..30621)], trnL-UAA [46610..46646], trnL-UAA [47087..47136], trnV [complement(51020..51057)], trnV [complement(51630..51667)], rps12 [complement(69363..69476)], rps12 [137347..137589], trnI [101314..101356], trnI [102129..102163], trnA [102228..102265], trnA [103080..103114], trnA-UGC [complement(132098..132132)], trnA-UGC [complement(132947..132984)], trnI-GAU [complement(133049..133083)], trnI-GAU [complement(133856..133898)]	trnK-UUU [complement(1803..4359)], rps16 [complement(5380..6239)], rpoC1 [16285..16993], atpF [26681..27387], trnG- UCC [complement(29873..30598)], ycf3 [complement(41920..42659)], ycf3 [complement(42890..43579)], trnL-UAA [46647..47086], trnV [complement(51058..51629)], clpP [complement(69867..70489)], clpP [complement(70781..71592)], petB [74586..75348], petD [76188..76886], rpl2 [complement(84449..85113)], ndhB [complement(94817..95485)], trnI [101357..102128], trnA [102266..103079], ndhA [115443..116496], trnA-UGC [complement(132133..132946)], trnI-GAU [complement(133084..133855)], ndhB [139727..140395]
3506.	TAOF	72	rps12 [complement(97079..97104)], rps12 [complement(97640..97871)], rps12 [complement(69391..69504)], trnK-UUU [complement(1768..1802)], trnK-UUU [complement(4360..4396)], rps16 [complement(5159..5385)], rps16 [complement(6245..6284)], rpoC1 [15852..16283], rpoC1 [16966..18606], atpF [26510..26653], atpF [27361..27771], trnG-UCC [complement(29824..29870)], trnG-UCC [complement(30597..30619)], ycf3 [complement(41773..41925)], ycf3 [complement(42666..42895)], ycf3 [complement(43586..43709)], trnL-UAA [46615..46649], trnL-UAA [47103..47152], trnV-UAC [complement(51036..51070)], trnV-UAC	trnK-UUU [complement(1803..4359)], rps16 [complement(5386..6244)], rpoC1 [16284..16965], atpF [26654..27360], trnG- UCC [complement(29871..30596)], ycf3 [complement(41926..42665)], ycf3 [complement(42896..43585)], trnL-UAA [46650..47102], trnV-UAC [complement(51071..51645)], clpP [complement(69894..70517)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51646..51683)], rps12 [137349..137580], rps12 [138116..138141], clpP [complement(69666..69893)], clpP [complement(70518..70809)], clpP [complement(71621..71691)], petB [74608..74613], petB [75377..76018], petD [76208..76215], petD [76915..77389], rpl16 [complement(80876..81274)], rpl16 [complement(82336..82344)], rpl2 [complement(84021..84455)], rpl2 [complement(85121..85510)], ndhB [complement(94067..94822)], ndhB [complement(95492..96268)], trnI-GAU [101320..101357], trnI-GAU [102135..102169], trnA-UGC [102234..102271], trnA-UGC [103086..103120], ndhA [complement(118179..118717)], ndhA [complement(119772..120324)], trnA-UGC [complement(132100..132134)], trnA-UGC [complement(132949..132986)], trnI-GAU [complement(133051..133085)], trnI-GAU [complement(133863..133900)], ndhB [138952..139728], ndhB [140398..141153], rpl2 [149710..150100], rpl2 [150766..151199]	[complement(70810..71620)], petB [74614..75376], petD [76216..76914], rpl16 [complement(81275..82335)], rpl2 [complement(84456..85120)], ndhB [complement(94823..95491)], trnI-GAU [101358..102134], trnA-UGC [102272..103085], ndhA [complement(118718..119771)], trnA-UGC [complement(132135..132948)], trnI-GAU [complement(133086..133862)], ndhB [139729..140397], rpl2 [150101..150765]
3507.	TAPA	1	rps12 [143894..143919]	-
3508.	TAPH	41	rps12 [complement(92752..92777)], rps12 [complement(93349..93580)], rps12 [complement(74489..74602)], trnK-UUU [complement(1229..1263)], trnK-UUU [complement(3672..3708)], ycf3 [8635..8760], ycf3 [9437..9662], ycf3 [10365..10522], rpoC1 [28771..29212], rpoC1 [29895..31567], atpF [37718..37862], atpF [38555..38964], trnL-UAA [43332..43366], trnL-UAA [43815..43864], trnV-UAC [complement(47333..47369)], trnV-UAC [complement(47852..47889)], petD [complement(59033..59543)], petD [complement(60182..60189)], petB [complement(60414..61056)], petB [complement(61839..61843)], rpl16 [complement(75918..76337)], rpl16 [complement(77198..77206)], rpl2 [complement(78813..79243)], rpl2 [complement(79871..80264)], ndhB [complement(89748..90503)], ndhB [complement(91218..91940)], ndhA [complement(113342..113890)], ndhA [complement(114654..115202)]	trnK-UUU [complement(1264..3671)], ycf3 [8761..9436], ycf3 [9663..10364], rpoC1 [29213..29894], atpF [37863..38554], trnL-UAA [43367..43814], trnV-UAC [complement(47370..47851)], petD [complement(59544..60181)], petB [complement(61057..61838)], rpl16 [complement(76338..77197)], rpl2 [complement(79244..79870)], ndhB [complement(90504..91217)], ndhA [complement(113891..114653)]
3509.	TAPL	72	rps12 [complement(97106..97131)], rps12 [complement(97667..97898)], rps12 [complement(69369..69482)], trnK-UUU [complement(1764..1798)], trnK-UUU [complement(4341..4377)], rps16 [complement(5137..5363)], rps16 [complement(6224..6263)], rpoC1 [15826..16257], rpoC1 [16940..18580],	trnK-UUU [complement(1799..4340)], rps16 [complement(5364..6223)], rpoC1 [16258..16939], atpF [26649..27359], trnG-UCC [complement(29848..30573)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			atpF [26505..26648], atpF [27360..27770], trnG-UCC [complement(29801..29847)], trnG-UCC [complement(30574..30596)], ycf3 [complement(41771..41923)], ycf3 [complement(42664..42893)], ycf3 [complement(43584..43707)], trnL-UAA [46625..46659], trnL-UAA [47102..47151], trnV-UAC [complement(51053..51087)], trnV-UAC [complement(51663..51700)], rps12 [137332..137563], rps12 [138099..138124], clpP [complement(69644..69871)], clpP [complement(70494..70785)], clpP [complement(71595..71665)], petB [74581..74586], petB [75350..75991], petD [76194..76201], petD [76901..77375], rpl16 [complement(80878..81276)], rpl16 [complement(82341..82349)], rpl2 [complement(84048..84482)], rpl2 [complement(85148..85537)], ndhB [complement(94094..94849)], ndhB [complement(95519..96295)], trnI-GAU [101347..101384], trnI-GAU [102161..102195], trnA-UGC [102260..102297], trnA-UGC [103112..103146], ndhA [complement(118163..118701)], ndhA [complement(119756..120308)], trnA-UGC [complement(132084..132118)], trnA-UGC [complement(132933..132970)], trnI-GAU [complement(133035..133069)], trnI-GAU [complement(133846..133883)], ndhB [138935..139711], ndhB [140381..141136], rpl2 [149693..150083], rpl2 [150749..151182]	[complement(41924..42663)], ycf3 [complement(42894..43583)], trnL-UAA [46660..47101], trnV-UAC [complement(51088..51662)], clpP [complement(69872..70493)], clpP [complement(70786..71594)], petB [74587..75349], petD [76202..76900], rpl16 [complement(81277..82340)], rpl2 [complement(84483..85147)], ndhB [complement(94850..95518)], trnI-GAU [101385..102160], trnA-UGC [102298..103111], ndhA [complement(118702..119755)], trnA-UGC [complement(132119..132932)], trnI-GAU [complement(133070..133845)], ndhB [139712..140380], rpl2 [150084..150748]
3510.	TASI	73	rps12 [complement(102489..102514)], rps12 [complement(103042..103273)], rps12 [complement(73849..73962)], trnK-UUU [complement(1562..1596)], trnK-UUU [complement(4119..4155)], rps16 [complement(4953..5173)], rps16 [complement(6033..6072)], trnG-GCC [9759..9781], trnG-GCC [10515..10551], atpF [complement(12700..13110)], atpF [complement(13850..13993)], rpoC1 [complement(22179..23789)], rpoC1 [complement(24557..24988)], ycf3 [complement(45369..45521)], ycf3 [complement(46282..46509)], ycf3 [complement(47237..47362)], trnL-UAA [50976..51012], trnL-UAA [51522..51571], trnV-UAC [complement(54983..55019)], trnV-UAC [complement(55616..55654)], rps12 [complement(73849..73962)], rps12 [145594..145825], rps12 [146356..146378], clpP [complement(74120..74347)], clpP [complement(74961..75251)], clpP [complement(76094..76162)], petB	trnK-UUU [complement(1597..4118)], rps16 [complement(5174..6032)], trnG-GCC [9782..10514], atpF [complement(13111..13849)], rpoC1 [complement(23790..24556)], ycf3 [complement(45522..46281)], ycf3 [complement(46510..47236)], trnL-UAA [51013..51521], trnV-UAC [complement(55020..55615)], clpP [complement(74348..74960)], clpP [complement(75252..76093)], petB [79074..79865], petD [80718..81453], rpl16 [complement(85841..86907)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79068..79073], petB [79866..80507], petD [80710..80717], petD [81454..81928], rpl16 [complement(85442..85840)], rpl16 [complement(86908..86916)], rpl2 [complement(88850..89283)], rpl2 [complement(89971..90361)], ndhB [complement(99431..100186)], ndhB [complement(100868..101644)], trnI-GAU [107190..107231], trnI-GAU [108176..108210], trnA-UGC [108275..108312], trnA-UGC [109118..109152], ndhA [121586..122137], ndhA [123232..123771], trnA-UGC [complement(139715..139749)], trnA-UGC [complement(140555..140592)], trnI-GAU [complement(140657..140691)], trnI-GAU [complement(141636..141677)], ndhB [147223..147999], ndhB [148681..149436], rpl2 [158506..158896], rpl2 [159584..160017]	[complement(89284..89970)], ndhB [complement(100187..100867)], trnI-GAU [107232..108175], trnA-UGC [108313..109117], ndhA [122138..123231], trnA-UGC [complement(139750..140554)], trnI-GAU [complement(140692..141635)], ndhB [148000..148680], rpl2 [158897..159583]
3511.	TASP	58	trnK-UUU [complement(1526..1560)], trnK-UUU [complement(4192..4228)], rps16 [complement(4793..5010)], rps16 [complement(5869..5908)], trnG-UCC [8104..8126], trnG-UCC [8821..8868], atpF [complement(10827..11237)], atpF [complement(12032..12175)], rpoC1 [complement(19668..21288)], rpoC1 [complement(22039..22466)], ycf3 [complement(41189..41349)], ycf3 [complement(42085..42312)], ycf3 [complement(43029..43152)], trnL-UAA [46120..46154], trnL-UAA [46666..46715], trnV-UAC [complement(50544..50580)], trnV-UAC [complement(51178..51216)], rps12 [complement(68838..68951)], rps12 [111799..112027], rps12 [112570..112595], clpP [complement(69111..69362)], clpP [complement(70014..70305)], clpP [complement(71119..71189)], petB [74109..74114], petB [74916..75563], petD [75777..75784], petD [76516..77029], rpl16 [complement(80538..80948)], rpl16 [complement(82050..82058)], ndhA [complement(92360..92898)], ndhA [complement(93997..94549)], trnA-UGC [complement(106577..106611)], trnA-UGC [complement(107418..107455)], trnI-GAU [complement(107520..107554)], trnI-GAU [complement(108493..108534)], ndhB [113440..114216], ndhB [114925..115680], rpl2 [124228..124618], rpl2 [125287..125717]	trnK-UUU [complement(1561..4191)], rps16 [complement(5011..5868)], trnG-UCC [8127..8820], atpF [complement(11238..12031)], rpoC1 [complement(21289..22038)], ycf3 [complement(41350..42084)], ycf3 [complement(42313..43028)], trnL-UAA [46155..46665], trnV-UAC [complement(50581..51177)], clpP [complement(69363..70013)], clpP [complement(70306..71118)], petB [74115..74915], petD [75785..76515], rpl16 [complement(80949..82049)], ndhA [complement(92899..93996)], trnA-UGC [complement(106612..107417)], trnI-GAU [complement(107555..108492)], ndhB [114217..114924], rpl2 [124619..125286]
3512.	TASU	28	rps12 [complement(81710..81735)], rps12 [complement(82275..82506)], rps12 [complement(55914..56027)], atpF [complement(7140..7549)], atpF	atpF [complement(7550..8302)], rpoC1 [complement(17207..17962)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(8303..8465)], rpoC1 [complement(15605..17206)], rpoC1 [complement(17963..18412)], ycf3 [complement(35548..35700)], ycf3 [complement(36486..36715)], ycf3 [complement(37475..37601)], rps12 [110687..110918], rps12 [111458..111483], clpP [complement(56166..56394)], clpP [complement(57029..57360)], petB [61064..61069], petB [61869..62510], petD [62751..62756], petD [63472..63954], rpl2 [complement(70414..70782)], rpl2 [complement(71495..71893)]	[complement(35701..36485)], ycf3 [complement(36716..37474)], clpP [complement(56395..57028)], petB [61070..61868], petD [62757..63471], rpl2 [complement(70783..71494)]
3513.	TATE	22	rpoC1 [complement(21244..22839)], trnL-UAA [47505..47541], trnL-UAA [48036..48085], trnV-UAC [complement(51988..52024)], trnV-UAC [complement(52602..52639)], rps12 [complement(70357..70470)], rps12 [139617..139859], trnI-GAU [102316..102359], trnI-GAU [103288..103324], trnA-UGC [103385..103424], trnA-UGC [104236..104268], trnA-UGC [complement(134120..134156)], trnA-UGC [complement(134968..135007)], trnI-GAU [complement(135072..135104)], trnI-GAU [complement(136033..136072)]	atpF [complement(12589..13222)], trnL-UAA [47542..48035], trnV-UAC [complement(52025..52601)], trnI-GAU [102360..103287], trnA-UGC [103425..104235], trnA-UGC [complement(134157..134967)], trnI-GAU [complement(135105..136032)]
3514.	TAVE	46	rps12 [complement(81332..81357)], rps12 [complement(81901..82132)], rps12 [complement(55748..55861)], atpF [complement(7264..7673)], atpF [complement(8419..8581)], rpoC1 [complement(15683..17308)], rpoC1 [complement(18065..18514)], ycf3 [complement(35510..35662)], ycf3 [complement(36447..36676)], ycf3 [complement(37432..37558)], trnL-UAA [39959..39997], trnL-UAA [40282..40328], rps12 [110319..110550], rps12 [111094..111119], clpP [complement(56000..56228)], clpP [complement(56863..57194)], petB [60902..60907], petB [61690..62331], petD [62572..62577], petD [63294..63776], rpl16 [complement(67082..67391)], rpl16 [complement(68319..68329)], rpl2 [complement(70038..70403)], rpl2 [complement(71113..71511)], trnI-GAU [85919..85955], trnI-GAU [86905..86937], trnA-UGC [87004..87046], trnA-UGC [87405..87439], trnA-UGC [complement(105012..105046)], trnA-UGC [complement(105405..105447)], trnI-GAU [complement(105512..105546)], trnI-GAU [complement(106496..106532)]	atpF [complement(7674..8418)], rpoC1 [complement(17309..18064)], ycf3 [complement(35663..36446)], ycf3 [complement(36677..37431)], trnL-UAA [39998..40281], clpP [complement(56229..56862)], petB [60908..61689], petD [62578..63293], rpl16 [complement(67392..68318)], rpl2 [complement(70404..71112)], trnI-GAU [85956..86904], trnA-UGC [87047..87404], trnA-UGC [complement(105047..105404)], trnI-GAU [complement(105547..106495)]
3515.	TAW A	41	rps12 [complement(92691..92716)], rps12 [complement(93290..93521)], rps12 [complement(74046..74159)], trnK-UUU [complement(1230..1264)],	trnK-UUU [complement(1265..3697)], ycf3 [8782..9457], ycf3 [9684..10385], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3698..3734)], ycf3 [8656..8781], ycf3 [9458..9683], ycf3 [10386..10543], rpoC1 [28699..29140], rpoC1 [29831..31503], atpF [37639..37783], atpF [38476..38885], trnL-UAA [43254..43288], trnL-UAA [43737..43786], trnV-UAC [complement(47237..47273)], trnV-UAC [complement(47764..47801)], petD [complement(58706..59216)], petD [complement(59855..59862)], petB [complement(60096..60738)], petB [complement(61513..61517)], rpl16 [complement(75480..75899)], rpl16 [complement(76766..76774)], rpl2 [complement(78392..78822)], rpl2 [complement(79452..79845)], ndhB [complement(89703..90458)], ndhB [complement(91171..91893)], ndhA [complement(112821..113369)], ndhA [complement(114133..114681)]	[29141..29830], atpF [37784..38475], trnL-UAA [43289..43736], trnV-UAC [complement(47274..47763)], petD [complement(59217..59854)], petB [complement(60739..61512)], rpl16 [complement(75900..76765)], rpl2 [complement(78823..79451)], ndhB [complement(90459..91170)], ndhA [complement(113370..114132)]
3516.	TECA	70	trnK-UUU [complement(1632..1666)], trnK-UUU [complement(4159..4195)], rps16 [complement(4740..4966)], rps16 [complement(5839..5878)], trnG-UCC [9011..9033], trnG-UCC [9726..9773], atpF [complement(11752..12162)], atpF [complement(12856..12999)], rpoC1 [complement(20819..22420)], rpoC1 [complement(23208..23639)], ycf3 [complement(42345..42497)], ycf3 [complement(43223..43452)], ycf3 [complement(44159..44282)], trnL-UAA [47263..47299], trnL-UAA [47787..47836], trnV-UAC [complement(51731..51767)], trnV-UAC [complement(52358..52395)], rps12 [complement(70790..70903)], rps12 [139729..139960], rps12 [140497..140531], clpP [complement(71026..71277)], clpP [complement(71919..72210)], clpP [complement(72958..73016)], petB [75919..75924], petB [76642..77283], petD [77477..77485], petD [78235..78708], rpl16 [complement(82139..82537)], rpl16 [complement(83431..83439)], rpl2 [complement(85131..85565)], rpl2 [complement(86230..86619)], ndhB [complement(94779..95534)], ndhB [complement(96214..96990)], trnI-GAU [102280..102321], trnI-GAU [103260..103294], trnA-UGC [103359..103396], trnA-UGC [104208..104242], ndhA [complement(119571..120110)], ndhA [complement(121169..121720)], trnA-UGC [complement(134071..134105)], trnA-UGC [complement(134917..134954)], trnI-GAU [complement(135019..135053)], trnI-GAU [complement(135992..136033)], ndhB [141323..142099], ndhB	trnK-UUU [complement(1667..4158)], rps16 [complement(4967..5838)], trnG-UCC [9034..9725], atpF [complement(12163..12855)], rpoC1 [complement(22421..23207)], ycf3 [complement(42498..43222)], ycf3 [complement(43453..44158)], trnL-UAA [47300..47786], trnV-UAC [complement(51768..52357)], clpP [complement(71278..71918)], clpP [complement(72211..72957)], petB [75925..76641], petD [77486..78234], rpl16 [complement(82538..83430)], rpl2 [complement(85566..86229)], ndhB [complement(95535..96213)], trnI-GAU [102322..103259], trnA-UGC [103397..104207], ndhA [complement(120111..121168)], trnA-UGC [complement(134106..134916)], trnI-GAU [complement(135054..135991)], ndhB [142100..142778], rpl2 [152084..152747]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[142779..143534], rpl2 [151694..152083], rpl2 [152748..153182]	
3517.	TEGA	73	rps12 [complement(102460..102485)], rps12 [complement(103031..103262)], rps12 [complement(74198..74311)], trnK [complement(1983..2020)], trnK [complement(4560..4596)], rps16 [complement(5215..5444)], rps16 [complement(6312..6351)], trnG [10065..10087], trnG [10832..10879], atpF [complement(13397..13806)], atpF [complement(14557..14701)], rpoC1 [complement(22983..24599)], rpoC1 [complement(25322..25774)], ycf3 [complement(45812..45964)], ycf3 [complement(46730..46959)], ycf3 [complement(47716..47839)], trnL-UAA [51029..51063], trnL-UAA [51575..51624], trnC-ACA [complement(55752..55786)], trnC-ACA [complement(56392..56429)], rps12 [complement(74198..74311)], rps12 [145160..145391], rps12 [145937..145962], clpP [complement(74465..74692)], clpP [complement(75265..75556)], clpP [complement(76446..76516)], petB [79364..79369], petB [80152..80793], petD [80984..80991], petD [81743..82217], rpl16 [complement(85668..86066)], rpl16 [complement(87089..87097)], rpl2 [complement(88844..89277)], rpl2 [complement(89941..90331)], ndhB [complement(99424..100179)], ndhB [complement(100856..101632)], trnI-GAU [107174..107210], trnI-GAU [108160..108194], trnA-UGC [108263..108300], trnA-UGC [109107..109141], ndhA [complement(124885..125423)], ndhA [complement(126450..127002)], trnA-UGC [complement(139281..139315)], trnA-UGC [complement(140122..140159)], trnI-GAU [complement(140228..140262)], trnI-GAU [complement(141212..141248)], ndhB [146790..147566], ndhB [148243..148998], rpl2 [158091..158481], rpl2 [159145..159578]	trnK [complement(2021..4559)], rps16 [complement(5445..6311)], trnG [10088..10831], atpF [complement(13807..14556)], rpoC1 [complement(24600..25321)], ycf3 [complement(45965..46729)], ycf3 [complement(46960..47715)], trnL-UAA [51064..51574], trnC-ACA [complement(55787..56391)], clpP [complement(74693..75264)], clpP [complement(75557..76445)], petB [79370..80151], petD [80992..81742], rpl16 [complement(86067..87088)], rpl2 [complement(89278..89940)], ndhB [complement(100180..100855)], trnI-GAU [107211..108159], trnA-UGC [108301..109106], ndhA [complement(125424..126449)], trnA-UGC [complement(139316..140121)], trnI-GAU [complement(140263..141211)], ndhB [147567..148242], rpl2 [158482..159144]
3518.	TEGR	26	rps12 [complement(98953..99195)], rps12 [complement(71029..71142)], trnK-UUU [complement(1747..1781)], trnK-UUU [complement(4295..4331)], trnG-GCC [9539..9561], trnG-GCC [10238..10285], trnL-UAA [48361..48397], trnL-UAA [48878..48927], trnV-UAC [complement(52635..52671)], trnV-UAC [complement(53251..53288)], trnI-GAU [102896..102937], trnI-GAU [103881..103915], trnA-UGC [103980..104017], trnA-UGC [104829..104863], trnA-UGC [complement(134409..134443)], trnA-UGC [complement(135255..135292)],	trnK-UUU [complement(1782..4294)], trnG-GCC [9562..10237], trnL-UAA [48398..48877], trnV-UAC [complement(52672..53250)], trnI-GAU [102938..103880], trnA-UGC [104018..104828], trnA-UGC [complement(134444..135254)], trnI-GAU [complement(135392..136334)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(135357..135391)], trnI-GAU [complement(136335..136376)]	
3519.	TEGU	64	rps12 [complement(87105..87133)], rps12 [complement(87674..87905)], rps12 [complement(66064..66177)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3895..3932)], rps16 [complement(4470..4687)], rps16 [complement(5522..5561)], trnG-UCC [complement(12810..12857)], trnG-UCC [complement(13545..13567)], atpF [32427..32585], atpF [33395..33802], ycf3 [complement(41436..41594)], ycf3 [complement(42302..42529)], ycf3 [complement(43269..43394)], trnL-UAA [46093..46127], trnL-UAA [46665..46714], trnV-UAC [complement(50050..50096)], trnV-UAC [complement(50672..50710)], rps12 [124014..124245], rps12 [124786..124814], petB [69899..69904], petB [70693..71340], petD [71533..71540], petD [72271..72745], rpl16 [complement(76275..76676)], rpl16 [complement(77654..77662)], rpl2 [complement(79602..80033)], rpl2 [complement(80698..81087)], ndhB [complement(84028..84784)], ndhB [complement(85501..86276)], trnI-GAU [91772..91813], trnI-GAU [92524..92558], trnA-UGC [92624..92661], trnA-UGC [93472..93506], ndhA [complement(108908..109447)], ndhA [complement(110470..111018)], trnA-UGC [complement(118413..118447)], trnA-UGC [complement(119258..119295)], trnI-GAU [complement(119361..119395)], trnI-GAU [complement(120106..120147)], ndhB [125643..126419], ndhB [127136..127891], rpl2 [130832..131221], rpl2 [131886..132317]	trnK-UUU [complement(1410..3894)], rps16 [complement(4688..5521)], trnG-UCC [complement(12858..13544)], atpF [32586..33394], ycf3 [complement(41595..42301)], ycf3 [complement(42530..43268)], trnL-UAA [46128..46664], trnV-UAC [complement(50097..50671)], petB [69905..70692], petD [71541..72270], rpl16 [complement(76677..77653)], rpl2 [complement(80034..80697)], ndhB [complement(84785..85500)], trnI-GAU [91814..92523], trnA-UGC [92662..93471], ndhA [complement(109448..110469)], trnA-UGC [complement(118448..119257)], trnI-GAU [complement(119396..120105)], ndhB [126420..127135], rpl2 [131222..131885]
3520.	TEGY	73	rps12 [complement(100697..100722)], rps12 [complement(101259..101490)], rps12 [complement(72540..72653)], trnK-UUU [complement(1715..1749)], trnK-UUU [complement(4276..4312)], rps16 [complement(5142..5367)], rps16 [complement(6233..6270)], trnG-GCC [9290..9312], trnG-GCC [10003..10050], atpF [complement(12095..12503)], atpF [complement(13222..13379)], rpoC1 [complement(21350..22975)], rpoC1 [complement(23700..24134)], ycf3 [complement(43915..44067)], ycf3 [complement(44809..45036)], ycf3 [complement(45750..45875)], trnL-UAA [complement(49073..49109)], trnL-UAA [complement(49619..49668)], trnV-UAC [complement(53666..53702)], trnV-UAC [complement(54292..54330)],	trnK-UUU [complement(1750..4275)], rps16 [complement(5368..6232)], trnG-GCC [9313..10002], atpF [complement(12504..13221)], rpoC1 [complement(22976..23699)], ycf3 [complement(44068..44808)], ycf3 [complement(45037..45749)], trnL-UAA [complement(49110..49618)], trnV-UAC [complement(53703..54291)], clpP [complement(73021..73684)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(72540..72653)], rps12 [143489..143720], rps12 [144257..144282], clpP [complement(72792..73020)], clpP [complement(73685..73975)], clpP [complement(74788..74855)], petB [77784..77789], petB [78553..79209], petD [79403..79411], petD [80139..80663], rpl16 [complement(84162..84563)], rpl16 [complement(85635..85643)], rpl2 [complement(87263..87697)], rpl2 [complement(88360..88752)], ndhB [complement(97618..98373)], ndhB [complement(99053..99829)], trnI-GAU [105437..105478], trnI-GAU [106420..106454], trnA-UGC [106519..106556], trnA-UGC [107369..107403], ndhA [complement(123031..123569)], ndhA [complement(124656..125208)], trnA-UGC [complement(137576..137610)], trnA-UGC [complement(138423..138460)], trnI-GAU [complement(138525..138559)], trnI-GAU [complement(139501..139542)], ndhB [145150..145926], ndhB [146606..147361], rpl2 [156227..156619], rpl2 [157282..157716]	[complement(73976..74787)], petB [77790..78552], petD [79412..80138], rpl16 [complement(84564..85634)], rpl2 [complement(87698..88359)], ndhB [complement(98374..99052)], trnI-GAU [105479..106419], trnA-UGC [106557..107368], ndhA [complement(123570..124655)], trnA-UGC [complement(137611..138422)], trnI-GAU [complement(138560..139500)], ndhB [145927..146605], rpl2 [156620..157281]
3521.	TEHE	55	rps12 [complement(102356..102598)], rps12 [complement(73619..73732)], trnK-UUU [complement(1731..1759)], trnK-UUU [complement(4258..4294)], atpF [complement(13284..13763)], atpF [complement(14426..14584)], rpoC1 [complement(22441..24060)], rpoC1 [complement(24823..25254)], ycf3 [complement(45992..46144)], ycf3 [complement(46869..47096)], ycf3 [complement(47824..47949)], trnL-UAA [50803..50839], trnL-UAA [51345..51394], trnV-UAC [complement(55331..55367)], trnV-UAC [complement(55940..55978)], rps12 [145193..145435], clpP [complement(73869..74096)], clpP [complement(74727..75017)], clpP [complement(75838..75906)], rpl2 [complement(88064..88498)], rpl2 [complement(89161..89553)], ndhB [complement(98747..99502)], ndhB [complement(100187..100963)], trnI-GAU [106511..106552], trnI-GAU [107486..107520], trnA-UGC [107585..107622], trnA-UGC [108413..108447], ndhA [complement(124730..125269)], ndhA [complement(126377..126928)], trnA-UGC [complement(139344..139378)], trnA-UGC [complement(140169..140206)], trnI-GAU [complement(140271..140305)], trnI-GAU [complement(141239..141280)], ndhB [146828..147604], ndhB [148289..149044], rpl2 [158238..158630], rpl2 [159593..159727]	trnK-UUU [complement(1760..4257)], atpF [complement(13764..14425)], rpoC1 [complement(24061..24822)], ycf3 [complement(46145..46868)], ycf3 [complement(47097..47823)], trnL-UAA [50840..51344], trnV-UAC [complement(55368..55939)], clpP [complement(74097..74726)], clpP [complement(75018..75837)], rpl2 [complement(88499..89160)], ndhB [complement(99503..100186)], trnI-GAU [106553..107485], trnA-UGC [107623..108412], ndhA [complement(125270..126376)], trnA-UGC [complement(139379..140168)], trnI-GAU [complement(140306..141238)], ndhB [147605..148288], rpl2 [158631..159592]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3522.	TEMA	41	rps12 [complement(95347..95372)], rps12 [complement(95912..96143)], rps12 [complement(68027..68140)], trnK-UUU [complement(1653..1678)], trnK-UUU [complement(4159..4195)], trnL-UAA [46063..46099], trnL-UAA [46580..46629], trnV-UAC [complement(50120..50156)], trnV-UAC [complement(50733..50770)], rps12 [136433..136664], rps12 [137204..137229], trnI-GAU [99817..99858], trnI-GAU [100808..100842], trnA-UGC [100902..100939], trnA-UGC [101753..101787], trnA-UGC [complement(130789..130823)], trnA-UGC [complement(131637..131674)], trnI-GAU [complement(131734..131768)], trnI-GAU [complement(132718..132759)]	trnK-UUU [complement(1679..4158)], rps16 [complement(5318..6225)], atpF [complement(12140..12760)], rpoC1 [complement(22279..23104)], ycf3 [complement(41714..42449)], ycf3 [complement(42678..43385)], trnL-UAA [46100..46579], trnV-UAC [complement(50157..50732)], clpP [complement(68494..69119)], clpP [complement(69414..70145)], petB [73113..73796], petD [74636..75330], rpl16 [complement(79701..80535)], rpl2 [complement(82625..83285)], ndhB [complement(93092..93771)], trnI-GAU [99859..100807], trnA-UGC [100940..101752], ndhA [complement(116995..118022)], trnA-UGC [complement(130824..131636)], trnI-GAU [complement(131769..132717)], ndhB [138805..139484], rpl2 [149291..149951]
3523.	TEMO	37	trnG-UCC [7399..7419], trnG-UCC [8112..8159], atpF [complement(10533..11002)], atpF [complement(11699..11846)], rpoC1 [complement(19445..21046)], rpoC1 [complement(21843..22298)], ycf3 [complement(42168..42320)], ycf3 [complement(43073..43302)], ycf3 [complement(44057..44183)], trnL-UAA [47073..47109], trnL-UAA [47570..47619], trnV-UAC [complement(48326..48360)], trnV-UAC [complement(48986..49023)], rps12 [complement(66440..66553)], rps12 [100078..100335], clpP [complement(66705..67229)], clpP [complement(68080..68148)], rpl2 [complement(80997..81466)], rpl2 [complement(82096..82492)], trnA-UGC [complement(94328..94362)], trnA-UGC [complement(95075..95112)], trnI-GAU [complement(95179..95213)], trnI-GAU [complement(96059..96095)], rpl2 [104158..104553], rpl2	trnG-UCC [7420..8111], atpF [complement(11003..11698)], rpoC1 [complement(21047..21842)], ycf3 [complement(42321..43072)], ycf3 [complement(43303..44056)], trnL-UAA [47110..47569], trnV-UAC [complement(48361..48985)], clpP [complement(67230..68079)], rpl2 [complement(81467..82095)], trnA-UGC [complement(94363..95074)], trnI-GAU [complement(95214..96058)], rpl2 [104554..105218]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105219..105653]	
3524.	TEOM	70	rps12 [complement(100064..100089)], rps12 [complement(100626..100857)], rps12 [complement(71790..71903)], trnK-UUU [complement(1911..1945)], trnK-UUU [complement(4467..4503)], rps16 [complement(5401..5592)], rps16 [complement(6452..6490)], trnG [9740..9762], trnG [10467..10514], atpF [complement(12454..12864)], atpF [complement(13577..13723)], rpoC1 [complement(21496..23112)], rpoC1 [complement(23877..24329)], ycf3 [complement(43727..43879)], ycf3 [complement(44664..44891)], ycf3 [complement(45610..45735)], trnL-UAA [48411..48447], trnL-UAA [48956..49005], trnV-UAC [complement(53193..53229)], trnV-UAC [complement(53802..53839)], rps12 [complement(71790..71903)], rps12 [143172..143403], rps12 [143940..143965], clpP [complement(72071..72298)], clpP [complement(72929..73219)], clpP [complement(74054..74122)], petB [77046..77051], petB [77781..78422], petD [78611..78619], petD [79348..79821], rpl16 [complement(83335..83733)], rpl16 [complement(84778..84786)], rpl2 [complement(86634..87068)], rpl2 [complement(87739..88131)], ndhB [complement(97014..97769)], ndhB [complement(98449..99225)], trnI-GAU [104828..104869], trnI-GAU [105811..105845], ndhA [complement(122490..123029)], ndhA [complement(124108..124659)], trnA-UGC [complement(137233..137267)], trnA-UGC [complement(138083..138120)], trnI-GAU [complement(138184..138218)], trnI-GAU [complement(139160..139201)], ndhB [144804..145580], ndhB [146260..147015], rpl2 [155898..156287], rpl2 [156961..157395]	trnK-UUU [complement(1946..4466)], rps16 [complement(5593..6451)], trnG [9763..10466], atpF [complement(12865..13576)], rpoC1 [complement(23113..23876)], ycf3 [complement(43880..44663)], ycf3 [complement(44892..45609)], trnL-UAA [48448..48955], trnV-UAC [complement(53230..53801)], clpP [complement(72299..72928)], clpP [complement(73220..74053)], petB [77052..77780], petD [78620..79347], rpl16 [complement(83734..84777)], rpl2 [complement(87069..87738)], ndhB [complement(97770..98448)], trnI-GAU [104870..105810], ndhA [complement(123030..124107)], trnA-UGC [complement(137268..138082)], trnI-GAU [complement(138219..139159)], ndhB [145581..146259], rpl2 [156288..156960]
3525.	TESI	26	rps12 [complement(74246..74359)], rps12 [146831..146856]	trnK-UUU [complement(1903..4381)], rps16 [complement(5516..6346)], trnG-UCC [9817..10514], atpF [complement(12881..13607)], rpoC1 [complement(23376..24103)], ycf3 [complement(45217..45952)], ycf3 [complement(46183..46916)], trnL-UAA [50678..51121], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(55369..55951)], clpP [complement(74767..75425)], clpP [complement(75718..76399)], petB [79350..80142], petD [80992..81695], rpl16 [complement(86006..86870)], rpl2 [complement(88975..89645)], ndhB [complement(99753..100452)], trnI-GAU [106846..107799], trnA-UGC [107943..108746], ndhA [complement(125996..127101)], trnA-UGC [complement(140188..140991)], trnI-GAU [complement(141135..142088)], ndhB [148482..149181], rpl2 [159289..159959], rpl16 [162064..162928]
3526.	TETE	63	rps12 [complement(95045..95070)], rps12 [complement(95612..95843)], rps12 [complement(68151..68264)], trnK-UUU [complement(1605..1639)], trnK-UUU [complement(4170..4206)], rps16 [complement(4562..4791)], rps16 [complement(5714..5753)], atpF [complement(10841..11251)], atpF [complement(12004..12147)], rpoC1 [complement(19768..21378)], rpoC1 [complement(22136..22567)], ycf3 [complement(41117..41269)], ycf3 [complement(42024..42251)], ycf3 [complement(43037..43165)], trnL-UAA [46011..46047], trnL-UAA [46414..46463], trnV-UAC [complement(50032..50068)], trnV-UAC [complement(50677..50715)], rps12 [136444..136675], rps12 [137217..137242], clpP [complement(68416..68643)], clpP [complement(69273..69563)], clpP [complement(70470..70538)], petB [73504..73509], petB [74251..74892], petD [75103..75110], petD [75852..76326], rpl16 [complement(79745..80143)], rpl16 [complement(81148..81156)], ndhB [complement(92205..92960)], ndhB [complement(93629..94405)], trnI-GAU [99432..99468], trnI-GAU [100414..100448], trnA-UGC [100519..100556], trnA-UGC [101378..101412], ndhA [complement(116556..117095)], ndhA [complement(118126..118677)], trnA-UGC [complement(130875..130909)], trnA-UGC	trnK-UUU [complement(1640..4169)], rps16 [complement(4792..5713)], atpF [complement(11252..12003)], rpoC1 [complement(21379..22135)], ycf3 [complement(41270..42023)], ycf3 [complement(42252..43036)], trnL-UAA [46048..46413], trnV-UAC [complement(50069..50676)], clpP [complement(68644..69272)], clpP [complement(69564..70469)], petB [73510..74250], petD [75111..75851], rpl16 [complement(80144..81147)], ndhB [complement(92961..93628)], trnI-GAU [99469..100413], trnA-UGC [100557..101377], ndhA [complement(117096..118125)], trnA-UGC [complement(130910..131730)], trnI-GAU [complement(131874..132818)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(131731..131768)], trnI-GAU [complement(131839..131873)], trnI-GAU [complement(132819..132855)], ndhB [137882..138658], ndhB [139327..140082]	[138659..139326]
3527.	THAG	23	trnK-UUU [complement(1357..1385)], trnK-UUU [complement(3883..3920)], rps12 [128845..128873]	trnK-UUU [complement(1386..3882)], rps16 [complement(4679..5547)], trnG-UCC [complement(13070..13757)], atpF [33527..34360], ycf3 [complement(42673..43403)], ycf3 [complement(43632..44385)], trnL-UAA [47306..47756], trnV-UAC [complement(51336..51937)], petB [71434..72179], petD [73018..73758], rpl16 [complement(78209..79284)], rpl2 [complement(81693..82355)], ndhB [complement(88328..89031)], trnI-GAU [95325..96275], trnA-UGC [96414..97223], ndhA [complement(113289..114313)], trnA-UGC [complement(122288..123097)], trnI-GAU [complement(123236..124186)], ndhB [130480..131183], rpl2 [137156..137818]
3528.	THAR	69	rps12 [complement(97386..97411)], rps12 [complement(97949..98180)], rps12 [complement(68939..69052)], trnK-UUU [complement(1634..1669)], trnK-UUU [complement(4239..4275)], rps16 [complement(4942..5168)], rps16 [complement(6058..6097)], trnT-CGU [8411..8444], trnT-CGU [9158..9200], atpF [complement(11393..11802)], atpF [complement(12528..12672)], rpoC1 [complement(20074..21684)], rpoC1 [complement(22473..22904)], ycf3 [complement(42247..42399)], ycf3 [complement(43207..43434)], ycf3 [complement(44155..44280)], trnL-UAA [46954..46988], trnL-UAA [47318..47367], trnV-UAC [complement(50927..50961)], trnV-UAC [complement(51567..51605)], rps12 [139283..139514], rps12 [140052..140077], clpP [complement(69236..69463)], clpP [complement(70035..70326)], clpP [complement(71212..71282)], petB	trnK-UUU [complement(1670..4238)], rps16 [complement(5169..6057)], trnT-CGU [8445..9157], atpF [complement(11803..12527)], rpoC1 [complement(21685..22472)], ycf3 [complement(42400..43206)], ycf3 [complement(43435..44154)], trnL-UAA [46989..47317], trnV-UAC [complement(50962..51566)], clpP [complement(69464..70034)], clpP [complement(70327..71211)], petB [74253..75043], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[74247..74252], petB [75044..75685], rpl16 [complement(80558..80956)], rpl16 [complement(82036..82044)], rpl2 [complement(83738..84172)], rpl2 [complement(84855..85244)], ndhB [complement(94336..95097)], ndhB [complement(95775..96551)], trnE-UUC [102120..102151], trnE-UUC [102961..103000], trnA-UGC [103065..103101], trnA-UGC [103902..103937], ndhA [complement(119230..119759)], ndhA [complement(120865..121417)], trnA-UGC [complement(133526..133561)], trnA-UGC [complement(134362..134398)], trnE-UUC [complement(134463..134502)], trnE-UUC [complement(135312..135343)], ndhB [140912..141688], ndhB [142366..143127], rpl2 [152219..152608], rpl2 [153291..153725]	[complement(80957..82035)], rpl2 [complement(84173..84854)], ndhB [complement(95098..95774)], trnE-UUC [102152..102960], trnA-UGC [103102..103901], ndhA [complement(119760..120864)], trnA-UGC [complement(133562..134361)], trnE-UUC [complement(134503..135311)], ndhB [141689..142365], rpl2 [152609..153290]
3529.	THAU	23	trnK-UUU [complement(1343..1371)], trnK-UUU [complement(3861..3898)], rps12 [129756..129784]	trnK-UUU [complement(1372..3860)], rps16 [complement(4669..5503)], trnG-UCC [complement(12940..13637)], atpF [34032..34861], ycf3 [complement(43253..43983)], ycf3 [complement(44212..44967)], trnL-UAA [47890..48345], trnV-UAC [complement(52004..52605)], petB [72149..72906], petD [73745..74484], rpl16 [complement(78934..80018)], rpl2 [complement(82431..83093)], ndhB [complement(89069..89772)], trnI-GAU [96077..97022], trnA-UGC [97161..97970], ndhA [complement(114198..115220)], trnA-UGC [complement(123194..124003)], trnI-GAU [complement(124142..125087)], ndhB [131392..132095], rpl2 [138071..138733]
3530.	THBE	38	rps12 [complement(67511..67624)], trnK-UUU [complement(1374..1406)], trnK-UUU [complement(3901..3938)], trnG-GCC [complement(12759..12806)], trnG-GCC [complement(13489..13512)], trnL-UAA [46418..46452], trnL-UAA [47035..47084], trnV-UAC [complement(50666..50702)], trnV-UAC [complement(51299..51337)], rps12	trnK-UUU [complement(1407..3900)], rps16 [complement(4716..5505)], trnG-GCC [complement(12807..13488)], atpF [32754..33558], ycf3 [complement(41984..42706)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[126989..127018], trnI-GAU [93231..93272], trnI-GAU [94074..94108], trnA-UGC [94174..94211], trnA-UGC [95023..95057], trnA-UGC [complement(120571..120605)], trnA-UGC [complement(121417..121454)], trnI-GAU [complement(121520..121554)], trnI-GAU [complement(122356..122397)]	[complement(42935..43683)], trnL-UAA [46453..47034], trnV-UAC [complement(50703..51298)], petB [71362..72106], petD [72943..73685], rpl16 [complement(78165..79213)], rpl2 [complement(81645..82304)], ndhB [complement(86298..87009)], trnI-GAU [93273..94073], trnA-UGC [94212..95022], ndhA [complement(111640..112665)], trnA-UGC [complement(120606..121416)], trnI-GAU [complement(121555..122355)], ndhB [128619..129330], rpl2 [133324..133983]
3531.	THCA	29	rps12 [complement(103178..103203)], rps12 [complement(103740..103971)], rps12 [complement(74579..74692)], trnK-UUU [complement(1906..1940)], trnK-UUU [complement(4455..4491)], rps12 [complement(74579..74692)], rps12 [145982..146213], rps12 [146750..146775]	trnK-UUU [complement(1941..4454)], rps16 [complement(5535..6408)], atpF [complement(12326..13144)], rpoC1 [complement(23197..23994)], ycf3 [complement(45187..45939)], ycf3 [complement(46168..46911)], trnL-UAA [50648..51195], trnV-UAC [complement(55422..56008)], clpP [complement(75100..75748)], clpP [complement(76041..76922)], petB [79910..80721], petD [81580..82339], rpl16 [complement(86608..87708)], rpl2 [complement(89860..90550)], ndhB [complement(100874..101556)], trnI-GAU [108025..108977], trnA-UGC [109114..109915], ndhA [complement(125770..126906)], trnA-UGC [complement(140038..140839)], trnI-GAU [complement(140976..141928)], ndhB [148397..149079]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3532.	THCO	4	rps12 [141222..141247], petD [77814..78309], ndhB [143572..144327]	trnK-UUU [complement(1543..4069)]
3533.	THEL	39	rps12 [complement(67522..67635)], trnK-UUU [complement(1375..1407)], trnK-UUU [complement(3914..3951)], rps16 [complement(4511..4727)], trnG-GCC [complement(12781..12828)], trnG-GCC [complement(13511..13534)], trnL-UAA [46425..46459], trnL-UAA [47035..47084], trnV-UAC [complement(50665..50701)], trnV-UAC [complement(51298..51336)], rps12 [127010..127039], trnI-GAU [93239..93280], trnI-GAU [94082..94116], trnA-UGC [94182..94219], trnA-UGC [95031..95065], trnA-UGC [complement(120592..120626)], trnA-UGC [complement(121438..121475)], trnI-GAU [complement(121541..121575)], trnI-GAU [complement(122377..122418)]	trnK-UUU [complement(1408..3913)], rps16 [complement(4728..5516)], trnG-GCC [complement(12829..13510)], atpF [32785..33593], ycf3 [complement(41990..42713)], ycf3 [complement(42942..43690)], trnL-UAA [46460..47034], trnV-UAC [complement(50702..51297)], petB [71369..72113], petD [72950..73692], rpl16 [complement(78154..79206)], rpl2 [complement(81657..82316)], ndhB [complement(86306..87017)], trnI-GAU [93281..94081], trnA-UGC [94220..95030], ndhA [complement(111661..112686)], trnA-UGC [complement(120627..121437)], trnI-GAU [complement(121576..122376)], ndhB [128640..129351], rpl2 [133341..134000]
3534.	THHE	13	-	rps16 [complement(5193..6423)], atpF [complement(13488..14330)], rpoC1 [complement(24168..25030)], ycf3 [complement(45775..46518)], ycf3 [complement(46747..47467)], ndhK [complement(53433..53442)], accD [62422..63933], rpl2 [complement(92810..93464)], ndhB [complement(103166..103698)], ndhA [127612..127624], ndhA [complement(134329..134341)], ndhB [158255..158787], rpl2 [168489..169143]
3535.	THJA	63	rps12 [complement(99456..99481)], rps12 [complement(100028..100259)], rps12 [complement(69611..69724)], trnK-UUU [complement(1465..1499)],	trnK-UUU [complement(1500..4644)], rps16 [complement(5447..6393)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4645..4681)], rps16 [complement(5202..5446)], rps16 [complement(6394..6433)], trnG-GCC [9755..9777], trnG-GCC [10477..10525], atpF [complement(12519..12929)], atpF [complement(13910..14053)], rpoC1 [complement(21617..23224)], rpoC1 [complement(23974..24405)], ycf3 [complement(43979..44131)], ycf3 [complement(44871..45100)], ycf3 [complement(45829..45952)], trnL-UAA [48593..48627], trnL-UAA [49390..49439], trnV-UAC [complement(50326..50362)], trnV-UAC [complement(50943..50981)], rps12 [134263..134494], rps12 [135041..135066], clpP [complement(69866..70117)], clpP [complement(70794..71085)], clpP [complement(72117..72187)], petB [75861..75866], petB [76604..77245], petD [77432..77439], petD [78277..78760], rpl16 [complement(82322..82720)], rpl16 [complement(84094..84102)], rpl2 [complement(86013..86443)], rpl2 [complement(87108..87492)], trnI-GAU [104620..104661], trnI-GAU [105610..105644], trnA-UGC [105708..105745], trnA-UGC [106548..106582], trnA-UGC [complement(127940..127974)], trnA-UGC [complement(128777..128814)], trnI-GAU [complement(128878..128912)], trnI-GAU [complement(129861..129902)], rpl2 [147030..147414], rpl2 [148079..148509]	[9778..10476], atpF [complement(12930..13909)], rpoC1 [complement(23225..23973)], ycf3 [complement(44132..44870)], ycf3 [complement(45101..45828)], trnL-UAA [48628..49389], trnV-UAC [complement(50363..50942)], clpP [complement(70118..70793)], clpP [complement(71086..72116)], petB [75867..76603], petD [77440..78276], rpl16 [complement(82721..84093)], rpl2 [complement(86444..87107)], trnI-GAU [104662..105609], trnA-UGC [105746..106547], trnA-UGC [complement(127975..128776)], trnI-GAU [complement(128913..129860)], rpl2 [147415..148078]
3536.	THLA	64	rps12 [complement(92118..92146)], rps12 [complement(92687..92918)], rps12 [complement(69104..69217)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3931..3968)], rps16 [complement(4507..4724)], rps16 [complement(5571..5610)], trnG-UCC [complement(13207..13254)], trnG-UCC [complement(13942..13964)], atpF [34679..34837], atpF [35669..36076], ycf3 [complement(43831..43983)], ycf3 [complement(44713..44940)], ycf3 [complement(45683..45814)], trnL-UAA [48539..48573], trnL-UAA [49118..49170], trnV-UAC [complement(52735..52771)], trnV-UAC [complement(53368..53406)], rps12 [129353..129584], rps12 [130125..130153], petB [72960..72965], petB [73716..74363], petD [74546..74553], petD [75294..75768], rpl16 [complement(79298..79699)], rpl16 [complement(80792..80800)], rpl2 [complement(82751..83182)], rpl2 [complement(83846..84235)], ndhB [complement(89045..89800)], ndhB	trnK-UUU [complement(1410..3930)], rps16 [complement(4725..5570)], trnG-UCC [complement(13255..13941)], atpF [34838..35668], ycf3 [complement(43984..44712)], ycf3 [complement(44941..45682)], trnL-UAA [48574..49117], trnV-UAC [complement(52772..53367)], petB [72966..73715], petD [74554..75293], rpl16 [complement(79700..80791)], rpl2 [complement(83183..83845)], ndhB [complement(89801..90512)], trnI-GAU [96783..97729], trnA-UGC [97868..98677],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90513..91289)], trnI-GAU [96741..96782], trnI-GAU [97730..97764], trnA-UGC [97830..97867], trnA-UGC [98678..98712], ndhA [complement(114075..114614)], ndhA [complement(115641..116189)], trnA-UGC [complement(123559..123593)], trnA-UGC [complement(124404..124441)], trnI-GAU [complement(124507..124541)], trnI-GAU [complement(125489..125530)], ndhB [130982..131758], ndhB [132471..133226], rpl2 [138036..138425], rpl2 [139089..139520]	ndhA [complement(114615..115640)], trnA-UGC [complement(123594..124403)], trnI-GAU [complement(124542..125488)], ndhB [131759..132470], rpl2 [138426..139088]
3537.	THMI	24	rps12 [142278..142303]	trnK-UUU [complement(1639..4165)], rps16 [complement(5167..6020)], trnG-UCC [8866..9567], atpF [complement(12023..12769)], rpoC1 [complement(22409..23170)], ycf3 [complement(44094..44854)], ycf3 [complement(45084..45795)], trnL-UAA [48652..49204], trnV-UAC [complement(52983..53574)], clpP [complement(71617..72283)], clpP [complement(72573..73388)], petB [76363..77174], petD [78022..78744], rpl16 [complement(83117..84071)], rpl2 [complement(86274..86931)], ndhB [complement(97265..97967)], trnI-GAU [104389..105317], trnA-UGC [105455..106254], ndhA [complement(121683..122727)], trnA-UGC [complement(135639..136438)], trnI-GAU [complement(136576..137504)], ndhB [143926..144628], rpl2 [154962..155619]
3538.	THOC	50	ycf3 [4121..4249], ycf3 [5029..5256], ycf3 [5945..6115], rpoC1 [23823..24293], rpoC1 [25022..26713], atpF [33473..33631], atpF [34286..34696], trnG-UCC [complement(36560..36596)], trnG-UCC [complement(37356..37378)], trnL-UAA [39822..39859], trnL-UAA	ycf3 [4250..5028], ycf3 [5257..5944], rpoC1 [24294..25021], atpF [33632..34285], trnG-UCC [complement(36597..37355)], trnL-UAA [39860..40305], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[40306..40355], ndhA [complement(45176..45724)], ndhA [complement(46484..47041)], trnA-UGC [complement(57797..57831)], trnA-UGC [complement(58609..58646)], trnI-GAU [complement(58698..58732)], trnI-GAU [complement(59632..59673)], rps12 [complement(99972..100109)], rps12 [62977..63315], rps12 [63832..63858], ndhB [64655..65377], ndhB [66078..66833], rpl2 [76868..77269], rpl2 [77910..78341], rpl16 [80175..80183], rpl16 [81041..81454], petD [complement(85239..85757)], petD [complement(86408..86416)], petB [complement(86602..87249)], petB [complement(88034..88039)], trnV-UAC [complement(102924..102964)], trnV-UAC [complement(103480..103518)], trnK-UUU [complement(127131..127165)], trnK-UUU [complement(129614..129650)]	[complement(45725..46483)], trnA-UGC [complement(57832..58608)], trnI-GAU [complement(58733..59631)], ndhB [65378..66077], rpl2 [77270..77909], rpl16 [80184..81040], petD [complement(85758..86407)], petB [complement(87250..88033)], trnV-UAC [complement(102965..103479)], trnK-UUU [complement(127166..129613)]
3539.	THPL	56	chlN [complement(129763..131118)], chlN [complement(1..189)], trnK-UUU [complement(3239..3273)], trnK-UUU [complement(5721..5757)], psbD [7114..7224], psbD [7338..7430], ycf3 [11870..11998], ycf3 [12758..12985], ycf3 [13668..13838], rpoC1 [31474..31947], rpoC1 [32649..34364], atpF [41133..41291], atpF [41945..42355], trnG-UCC [complement(44219..44266)], trnG-UCC [complement(45014..45037)], trnL-UAA [47459..47496], trnL-UAA [47943..47992], ndhA [complement(52790..53338)], ndhA [complement(54097..54654)], trnA-UGC [complement(65230..65264)], trnA-UGC [complement(66041..66078)], trnI-GAU [complement(66130..66164)], trnI-GAU [complement(67086..67127)], rps12 [complement(107407..107520)], rps12 [70534..70773], rps12 [71290..71316], ndhB [72092..72814], ndhB [73514..74269], rpl2 [84107..84508], rpl2 [85152..85583], rpl16 [87408..87416], rpl16 [88274..88687], petD [complement(92598..93116)], petD [complement(93751..93759)], petB [complement(93945..94592)], petB [complement(95374..95379)], trnV-UAC [complement(110348..110388)], trnV-UAC [complement(110904..110942)]	chlN [complement(131119..0)], trnK-UUU [complement(3274..5720)], psbD [7225..7337], ycf3 [11999..12757], ycf3 [12986..13667], rpoC1 [31948..32648], atpF [41292..41944], trnG-UCC [complement(44267..45013)], trnL-UAA [47497..47942], ndhA [complement(53339..54096)], trnA-UGC [complement(65265..66040)], trnI-GAU [complement(66165..67085)], ndhB [72815..73513], rpl2 [84509..85151], rpl16 [87417..88273], petD [complement(93117..93750)], petB [complement(94593..95373)], trnV-UAC [complement(110389..110903)]
3540.	THQU	64	rps12 [complement(90777..90805)], rps12 [complement(91346..91577)], rps12 [complement(67701..67814)], trnK-UUU [complement(1366..1398)], trnK-UUU [complement(3895..3932)], rps16 [complement(4480..4697)], rps16 [complement(5608..5647)], trnG-UCC [complement(13086..13133)], trnG-UCC [complement(13834..13856)], atpF [33499..33657], atpF [34476..34883],	trnK-UUU [complement(1399..3894)], rps16 [complement(4698..5607)], trnG-UCC [complement(13134..13833)], atpF [33658..34475], ycf3 [complement(42789..43520)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>ycf3 [complement(42630..42788)], ycf3 [complement(43521..43748)], ycf3 [complement(44503..44634)], trnL-UAA [47374..47408], trnL-UAA [47860..47909], trnV-UAC [complement(51402..51438)], trnV-UAC [complement(52041..52079)], rps12 [128210..128441], rps12 [128982..129010], petB [71571..71576], petB [72316..72963], petD [73146..73153], petD [73895..74369], rpl16 [complement(77941..78342)], rpl16 [complement(79420..79428)], rpl2 [complement(81400..81831)], rpl2 [complement(82495..82884)], ndhB [complement(87711..88466)], ndhB [complement(89171..89947)], trnI-GAU [95418..95459], trnI-GAU [96411..96445], trnA-UGC [96511..96548], trnA-UGC [97359..97393], ndhA [complement(112854..113393)], ndhA [complement(114451..114999)], trnA-UGC [complement(122394..122428)], trnA-UGC [complement(123239..123276)], trnI-GAU [complement(123342..123376)], trnI-GAU [complement(124328..124369)], ndhB [129840..130616], ndhB [131318..132073], rpl2 [136900..137289], rpl2 [137953..138384]</p>	<p>[complement(43749..44502)], trnL-UAA [47409..47859], trnV-UAC [complement(51439..52040)], petB [71577..72315], petD [73154..73894], rpl16 [complement(78343..79419)], rpl2 [complement(81832..82494)], ndhB [complement(88467..89170)], trnI-GAU [95460..96410], trnA-UGC [96549..97358], ndhA [complement(113394..114450)], trnA-UGC [complement(122429..123238)], trnI-GAU [complement(123377..124327)], ndhB [130617..131317], rpl2 [137290..137952]</p>
3541.	THSP	62	<p>rps12 [complement(92174..92209)], rps12 [complement(92748..92978)], rps12 [complement(70095..70208)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3931..3968)], rps16 [complement(4525..4740)], rps16 [complement(5570..5611)], trnG-UCC [complement(13622..13673)], trnG-UCC [complement(14352..14374)], atpF [35340..35498], atpF [36326..36733], ycf3 [complement(44494..44652)], ycf3 [complement(45381..45608)], ycf3 [complement(46343..46474)], trnL-UAA [49264..49298], trnL-UAA [49839..49888], trnV-UAC [complement(53334..53370)], trnV-UAC [complement(53967..54005)], petB [73937..73942], petB [74767..75408], petD [75597..75605], petD [76360..76833], rpl16 [complement(80449..80850)], rpl16 [complement(81943..81951)], rpl2 [complement(83933..84364)], rpl2 [complement(85025..85417)], ndhB [complement(89105..89860)], ndhB [complement(90573..91349)], trnI-GAU [96803..96844], trnI-GAU [97791..97825], trnA-UGC [97891..97928], trnA-UGC [98740..98774], ndhA [complement(114860..115399)], ndhA [complement(116425..116973)], trnA-UGC [complement(124352..124386)], trnA-UGC [complement(125198..125235)], trnI-GAU [complement(125301..125335)],</p>	<p>trnK-UUU [complement(1410..3930)], rps16 [complement(4741..5569)], trnG-UCC [complement(13674..14351)], atpF [35499..36325], ycf3 [complement(44653..45380)], ycf3 [complement(45609..46342)], trnL-UAA [49299..49838], trnV-UAC [complement(53371..53966)], petB [73943..74766], petD [75606..76359], rpl16 [complement(80851..81942)], rpl2 [complement(84365..85024)], ndhB [complement(89861..90572)], trnI-GAU [96845..97790], trnA-UGC [97929..98739], ndhA [complement(115400..116424)], trnA-UGC [complement(124387..125197)], trnI-GAU [complement(125336..126281)], ndhB [132554..133265], rpl2 [138102..138761]</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(126282..126323)], ndhB [131777..132553], ndhB [133266..134021], rpl2 [137709..138101], rpl2 [138762..139193]	
3542.	THSU	50	ycf3 [4381..4509], ycf3 [5270..5497], ycf3 [6186..6356], rpoC1 [24035..24502], rpoC1 [25236..26927], atpF [33678..33836], atpF [34494..34904], trnG-UCC [complement(36768..36804)], trnG-UCC [complement(37564..37589)], trnL-UAA [40036..40073], trnL-UAA [40520..40569], ndhA [complement(45386..45934)], ndhA [complement(46694..47251)], trnA-UGC [complement(57840..57874)], trnA-UGC [complement(58651..58688)], trnI-GAU [complement(58740..58774)], trnI-GAU [complement(59674..59715)], rps12 [complement(99636..99749)], rps12 [63129..63368], rps12 [63886..63912], ndhB [64709..65431], ndhB [66131..66886], rpl2 [76615..77016], rpl2 [77657..78088], rpl16 [79907..79915], rpl16 [80773..81186], petD [complement(84879..85397)], petD [complement(86055..86063)], petB [complement(86242..86889)], petB [complement(87672..87677)], trnV-UAC [complement(102565..102605)], trnV-UAC [complement(103121..103159)], trnK-UUU [complement(126609..126643)], trnK-UUU [complement(129091..129127)]	ycf3 [4510..5269], ycf3 [5498..6185], rpoC1 [24503..25235], atpF [33837..34493], trnG-UCC [complement(36805..37563)], trnL-UAA [40074..40519], ndhA [complement(45935..46693)], trnA-UGC [complement(57875..58650)], trnI-GAU [complement(58775..59673)], ndhB [65432..66130], rpl2 [77017..77656], rpl16 [79916..80772], petD [complement(85398..86054)], petB [complement(86890..87671)], trnV-UAC [complement(102606..103120)], trnK-UUU [complement(126644..129090)]
3543.	THTH	1	rps12 [141204..141229]	-
3544.	THTR	23	trnK-UUU [complement(1410..1438)], trnK-UUU [complement(3930..3967)], rps12 [128938..128966]	trnK-UUU [complement(1439..3929)], rps16 [complement(4726..5594)], trnG-UCC [complement(13166..13853)], atpF [33624..34458], ycf3 [complement(42771..43501)], ycf3 [complement(43730..44483)], trnL-UAA [47413..47863], trnV-UAC [complement(51444..52045)], petB [71544..72289], petD [73128..73878], rpl16 [complement(78330..79405)], rpl2 [complement(81814..82476)], ndhB [complement(88449..89152)], trnI-GAU [95446..96397], trnA-UGC [96536..97345], ndhA [complement(113382..114406)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UGC [complement(122380..123189)], trnI-GAU [complement(123328..124279)], ndhB [130573..131276], rpl2 [137249..137911]
3545.	THVI	23	trnK-UUU [complement(1343..1371)], trnK-UUU [complement(3861..3898)], rps12 [129603..129631]	trnK-UUU [complement(1372..3860)], rps16 [complement(4669..5503)], trnG-UCC [complement(12940..13637)], atpF [34040..34869], ycf3 [complement(43261..43991)], ycf3 [complement(44220..44975)], trnL-UAA [47898..48353], trnV-UAC [complement(52011..52612)], petB [72156..72913], petD [73752..74491], rpl16 [complement(78941..80025)], rpl2 [complement(82438..83100)], ndhB [complement(89076..89779)], trnI-GAU [96084..97029], trnA-UGC [97168..97977], ndhA [complement(114045..115067)], trnA-UGC [complement(123041..123850)], trnI-GAU [complement(123989..124934)], ndhB [131239..131942], rpl2 [137918..138580]
3546.	THXE	64	rps12 [complement(92587..92615)], rps12 [complement(93156..93387)], rps12 [complement(69554..69667)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3888..3925)], rps16 [complement(4469..4686)], rps16 [complement(5530..5569)], trnG-UCC [complement(13255..13302)], trnG-UCC [complement(13992..14014)], atpF [35087..35245], atpF [36060..36467], ycf3 [complement(44281..44439)], ycf3 [complement(45176..45403)], ycf3 [complement(46145..46276)], trnL-UAA [48997..49031], trnL-UAA [49575..49624], trnV-UAC [complement(53194..53230)], trnV-UAC [complement(53833..53871)], rps12 [129899..130130], rps12 [130671..130699], petB [73414..73419], petB [74176..74823], petD [75012..75019], petD [75760..76234], rpl16 [complement(79787..80188)], rpl16 [complement(81254..81262)], rpl2 [complement(83220..83651)], rpl2	trnK-UUU [complement(1411..3887)], rps16 [complement(4687..5529)], trnG-UCC [complement(13303..13991)], atpF [35246..36059], ycf3 [complement(44440..45175)], ycf3 [complement(45404..46144)], trnL-UAA [49032..49574], trnV-UAC [complement(53231..53832)], petB [73420..74175], petD [75020..75759], rpl16 [complement(80189..81253)], rpl2 [complement(83652..84314)], ndhB [complement(90272..90981)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84315..84704)], ndhB [complement(89516..90271)], ndhB [complement(90982..91758)], trnI-GAU [97198..97239], trnI-GAU [98185..98219], trnA-UGC [98285..98322], trnA-UGC [99133..99167], ndhA [complement(114639..115178)], ndhA [complement(116212..116760)], trnA-UGC [complement(124119..124153)], trnA-UGC [complement(124964..125001)], trnI-GAU [complement(125067..125101)], trnI-GAU [complement(126047..126088)], ndhB [131528..132304], ndhB [133015..133770], rpl2 [138582..138971], rpl2 [139635..140066]	[97240..98184], trnA-UGC [98323..99132], ndhA [complement(115179..116211)], trnA-UGC [complement(124154..124963)], trnI-GAU [complement(125102..126046)], ndhB [132305..133014], rpl2 [138972..139634]
3547.	TIAM	73	rps12 [complement(104947..104972)], rps12 [complement(105509..105740)], rps12 [complement(76091..76204)], trnK-UUU [complement(2027..2061)], trnK-UUU [complement(4597..4633)], rps16 [complement(5529..5755)], rps16 [complement(6616..6655)], trnG-GCC [9384..9406], trnG-GCC [10166..10202], atpF [complement(12344..12754)], atpF [complement(13558..13701)], rpoC1 [complement(22092..23717)], rpoC1 [complement(24503..24934)], ycf3 [complement(45802..45954)], ycf3 [complement(46729..46956)], ycf3 [complement(47699..47824)], trnL-UAA [51838..51874], trnL-UAA [52430..52479], trnV-UAC [complement(56668..56704)], trnV-UAC [complement(57293..57331)], rps12 [complement(76091..76204)], rps12 [148100..148331], rps12 [148868..148893], clpP [complement(76398..76625)], clpP [complement(77288..77578)], clpP [complement(78547..78615)], petB [81507..81512], petB [82332..82973], petD [83180..83187], petD [83928..84402], rpl16 [complement(87891..88289)], rpl16 [complement(89462..89470)], rpl2 [complement(91197..91630)], rpl2 [complement(92329..92719)], ndhB [complement(101887..102642)], ndhB [complement(103326..104102)], trnI-GAU [109807..109848], trnI-GAU [110801..110835], trnA-UGC [110899..110936], trnA-UGC [111731..111765], ndhA [124348..124899], ndhA [126025..126564], trnA-UGC [complement(142075..142109)], trnA-UGC [complement(142904..142941)], trnI-GAU [complement(143005..143039)], trnI-GAU [complement(143992..144033)], ndhB [149738..150514], ndhB [151198..151953], rpl2 [161121..161511], rpl2 [162210..162643]	trnK-UUU [complement(2062..4596)], rps16 [complement(5756..6615)], trnG-GCC [9407..10165], atpF [complement(12755..13557)], rpoC1 [complement(23718..24502)], ycf3 [complement(45955..46728)], ycf3 [complement(46957..47698)], trnL-UAA [51875..52429], trnV-UAC [complement(56705..57292)], clpP [complement(76626..77287)], clpP [complement(77579..78546)], petB [81513..82331], petD [83188..83927], rpl16 [complement(88290..89461)], rpl2 [complement(91631..92328)], ndhB [complement(102643..103325)], trnI-GAU [109849..110800], trnA-UGC [110937..111730], ndhA [124900..126024], trnA-UGC [complement(142110..142903)], trnI-GAU [complement(143040..143991)], ndhB [150515..151197], rpl2 [161512..162209]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3548.	TICO	36	rps12 [complement(96702..96727)], rps12 [complement(97264..97495)], rps12 [complement(69276..69389)], atpF [complement(11251..11660)], atpF [complement(12337..12499)], rpoC1 [complement(20026..21633)], rpoC1 [complement(22425..22859)], ycf3 [complement(41663..41815)], ycf3 [complement(42578..42806)], ycf3 [complement(43533..43666)], rps12 [137334..137457], rps12 [138102..138127], clpP [complement(69465..69717)], clpP [complement(70370..70663)], clpP [complement(71479..71552)], rpl2 [complement(83967..84391)], rpl2 [complement(85033..85438)], ndhB [complement(93625..94380)], ndhB [complement(94982..95851)], ndhA [complement(116999..117537)], ndhA [complement(118601..119156)], ndhB [138978..139844], ndhB [140449..141204], rpl2 [149404..149794], rpl2 [150418..150887]	atpF [complement(11661..12336)], rpoC1 [complement(21634..22424)], ycf3 [complement(41816..42577)], ycf3 [complement(42807..43532)], clpP [complement(69718..70369)], clpP [complement(70664..71478)], rpl2 [complement(84392..85032)], ndhB [complement(94381..94981)], ndhA [complement(117538..118600)], ndhB [139845..140448], rpl2 [149795..150417]
3549.	TICR	66	rps12 [complement(99167..99192)], rps12 [complement(99713..99944)], rps12 [complement(71660..71773)], trnK-UUU [complement(1722..1756)], trnK-UUU [complement(4235..4274)], rps16 [complement(5131..5357)], rps16 [complement(6188..6227)], trnG-GCC [9760..9782], trnG-GCC [10478..10524], atpF [complement(12569..12978)], atpF [complement(13715..13859)], rpoC1 [complement(21754..23370)], rpoC1 [complement(24101..24553)], ycf3 [complement(44587..44739)], ycf3 [complement(45478..45707)], ycf3 [complement(46423..46546)], trnL-UAA [49338..49372], trnL-UAA [49853..49902], trnV-UAC [complement(53813..53847)], trnV-UAC [complement(54431..54468)], rps12 [141481..141712], rps12 [142233..142258], clpP [complement(71951..72179)], clpP [complement(72789..73079)], clpP [complement(73871..73941)], petB [76792..76797], petB [77565..78206], petD [78406..78413], petD [79119..79614], rpl16 [complement(83033..83428)], rpl16 [complement(84463..84471)], ndhB [complement(96111..96866)], ndhB [complement(97546..98322)], trnI-GAU [103560..103596], trnI-GAU [104542..104576], trnA-UGC [104641..104678], trnA-UGC [105513..105547], ndhA [complement(121233..121771)], ndhA [complement(122859..123411)], trnA-UGC [complement(135878..135912)], trnA-UGC [complement(136747..136784)], trnI-GAU [complement(136849..136883)],	trnK-UUU [complement(1757..4234)], rps16 [complement(5358..6187)], trnG-GCC [9783..10477], atpF [complement(12979..13714)], rpoC1 [complement(23371..24100)], ycf3 [complement(44740..45477)], ycf3 [complement(45708..46422)], trnL-UAA [49373..49852], trnV-UAC [complement(53848..54430)], clpP [complement(72180..72788)], clpP [complement(73080..73870)], petB [76798..77564], petD [78414..79118], rpl16 [complement(83429..84462)], ndhB [complement(96867..97545)], trnI-GAU [103597..104541], trnA-UGC [104679..105512], ndhA [complement(121772..122858)], trnA-UGC [complement(135913..136746)], trnI-GAU [complement(136884..137828)], ndhB [143880..144558]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(137829..137865)], ndhB [143103..143879], ndhB [144559..145314]	
3550.	TILI	49	rps12 [complement(93880..94137)], rps12 [complement(66481..66594)], trnK-UUU [complement(1988..2022)], trnK-UUU [complement(4504..4540)], trnV-UAC [9720..9758], trnV-UAC [10335..10371], trnL-UAA [complement(13338..13387)], trnL-UAA [complement(13908..13942)], ycf3 [16250..16373], ycf3 [17079..17308], ycf3 [18056..18208], rpoC1 [37020..37451], rpoC1 [38200..39819], atpF [47605..47749], atpF [48463..48866], trnG-UCC [complement(50811..50858)], trnG-UCC [complement(51535..51557)], petB [70347..70352], petB [71170..71811], petD [72017..72024], petD [72737..73211], rpl16 [complement(77059..77457)], rpl16 [complement(78563..78571)], rpl2 [complement(81161..81594)], rpl2 [complement(82268..82658)], ndhB [complement(90833..91594)], ndhB [complement(92236..92958)], trnI-GAU [97973..98009], trnI-GAU [98861..98895], trnA-UGC [98962..98999], trnA-UGC [99804..99838], ndhA [111797..112349], ndhA [113588..114126]	trnK-UUU [complement(2023..4503)], trnV-UAC [9759..10334], trnL-UAA [complement(13388..13907)], ycf3 [16374..17078], ycf3 [17309..18055], rpoC1 [37452..38199], atpF [47750..48462], trnG-UCC [complement(50859..51534)], petB [70353..71169], petD [72025..72736], rpl16 [complement(77458..78562)], rpl2 [complement(81595..82267)], ndhB [complement(91595..92235)], trnI-GAU [98010..98860], trnA-UGC [99000..99803], ndhA [112350..113587]
3551.	TILO	49	rps12 [complement(99730..99755)], rps12 [complement(100296..100527)], rps12 [complement(71544..71657)], trnK [complement(1648..1682)], trnK [complement(4213..4249)], rps16 [complement(4711..4904)], rps16 [complement(5712..5751)], trnG [9032..9054], trnG [9827..9875], atpF [complement(12195..12604)], atpF [complement(13459..13603)], rpoC1 [complement(21663..23279)], rpoC1 [complement(23995..24426)], ycf3 [complement(44244..44396)], ycf3 [complement(45235..45462)], ycf3 [complement(46203..46328)], trnL [49092..49126], trnL [49657..49706], trnV [complement(53396..53430)], trnV [complement(54045..54083)], rps12 [142560..142791], rps12 [143332..143357], clpP [complement(71827..72054)], clpP [complement(72683..72974)], clpP [complement(73899..73969)], petB [76851..76856], petB [77632..78273], petD [78478..78485], petD [79291..79765], rpl16 [complement(83201..83599)], rpl16 [complement(84638..84646)], rpl2 [complement(86435..86869)], rpl2 [complement(87532..87921)], ndhB [complement(96669..97424)], ndhB [complement(98105..98884)], trnI [104488..104524], trnI [105372..105406],	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA [105476..105513], trnA [106315..106349], ndhA [complement(122241..122779)], ndhA [complement(123816..124368)], trnA [complement(136738..136772)], trnA [complement(137574..137611)], trnI [complement(137681..137715)], trnI [complement(138563..138599)], ndhB [144203..144982], ndhB [145663..146418], rpl2 [155166..155555], rpl2 [156218..156652]	
3552.	TIMA	73	rps12 [complement(104940..104965)], rps12 [complement(105502..105733)], rps12 [complement(76162..76275)], trnK-UUU [complement(2121..2155)], trnK-UUU [complement(4689..4725)], rps16 [complement(5656..5882)], rps16 [complement(6744..6783)], trnG-GCC [9522..9544], trnG-GCC [10302..10338], atpF [complement(12473..12883)], atpF [complement(13685..13828)], rpoC1 [complement(22182..23807)], rpoC1 [complement(24587..25018)], ycf3 [complement(45892..46044)], ycf3 [complement(46819..47046)], ycf3 [complement(47788..47913)], trnL-UAA [51988..52024], trnL-UAA [52572..52621], trnV-UAC [complement(56799..56835)], trnV-UAC [complement(57424..57462)], rps12 [complement(76162..76275)], rps12 [148188..148422], rps12 [148959..148984], clpP [complement(76469..76696)], clpP [complement(77362..77562)], clpP [complement(78566..78634)], petB [81526..81531], petB [82350..82991], petD [83198..83205], petD [83947..84421], rpl16 [complement(87905..88303)], rpl16 [complement(89460..89468)], rpl2 [complement(91190..91623)], rpl2 [complement(92322..92712)], ndhB [complement(101880..102635)], ndhB [complement(103319..104095)], trnI-GAU [109862..109903], trnI-GAU [110856..110890], trnA-UGC [110954..110991], trnA-UGC [111786..111820], ndhA [124392..124943], ndhA [126069..126608], trnA-UGC [complement(142104..142138)], trnA-UGC [complement(142933..142970)], trnI-GAU [complement(143034..143068)], trnI-GAU [complement(144021..144062)], ndhB [149829..150605], ndhB [151289..152044], rpl2 [161212..161602], rpl2 [162301..162734]	trnK-UUU [complement(2156..4688)], rps16 [complement(5883..6743)], trnG-GCC [9545..10301], atpF [complement(12884..13684)], rpoC1 [complement(23808..24586)], ycf3 [complement(46045..46818)], ycf3 [complement(47047..47787)], trnL-UAA [52025..52571], trnV-UAC [complement(56836..57423)], clpP [complement(76697..77361)], clpP [complement(77563..78565)], petB [81532..82349], petD [83206..83946], rpl16 [complement(88304..89459)], rpl2 [complement(91624..92321)], ndhB [complement(102636..103318)], trnI-GAU [109904..110855], trnA-UGC [110992..111785], ndhA [124944..126068], trnA-UGC [complement(142139..142932)], trnI-GAU [complement(143069..144020)], ndhB [150606..151288], rpl2 [161603..162300]
3553.	TIMG	64	rps12 [complement(99225..99467)], rps12 [complement(70470..70583)], trnK-UUU [complement(1608..1642)], trnK-UUU [complement(4185..4221)],	trnK-UUU [complement(1643..4184)], rps16 [complement(4833..5635)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(4617..4832)], rps16 [complement(5636..5683)], trnG-UCC [8669..8691], trnG-UCC [9437..9485], atpF [complement(11641..11988)], atpF [complement(12847..13005)], rpoC1 [complement(20947..22566)], rpoC1 [complement(23279..23710)], ycf3 [complement(43145..43297)], ycf3 [complement(44111..44338)], ycf3 [complement(45079..45204)], trnL-UAA [47942..47978], trnL-UAA [48511..48560], trnV-UAC [complement(51953..51989)], trnV-UAC [complement(52599..52637)], rps12 [141358..141600], clpP [complement(70763..70990)], clpP [complement(71623..71913)], clpP [complement(72843..72911)], petB [75819..75824], petB [76569..77222], rpl2 [complement(85298..85732)], rpl2 [complement(86396..86785)], ndhB [complement(95606..96361)], ndhB [complement(97045..97824)], trnA-UGC [103454..103495], trnA-UGC [104338..104372], trnA-UGC [104442..104479], trnA-UGC [105281..105315], ndhA [complement(121171..121713)], ndhA [complement(122749..123300)], trnA-UGC [complement(135510..135544)], trnA-UGC [complement(136346..136383)], trnI-GAU [complement(136453..136487)], trnI-GAU [complement(137330..137371)], ndhB [143001..143780], ndhB [144467..145219], rpl2 [154040..154429], rpl2 [155093..155527]	[8692..9436], atpF [complement(11989..12846)], rpoC1 [complement(22567..23278)], ycf3 [complement(43298..44110)], ycf3 [complement(44339..45078)], trnL-UAA [47979..48510], trnV-UAC [complement(51990..52598)], clpP [complement(70991..71622)], clpP [complement(71914..72842)], petB [75825..76568], rpl2 [complement(85733..86395)], ndhB [complement(96362..97044)], trnA-UGC [103496..104337], trnA-UGC [104480..105280], ndhA [complement(121714..122748)], trnA-UGC [complement(135545..136345)], trnI-GAU [complement(136488..137329)], ndhB [143781..144466], rpl2 [154430..155092]
3554.	TIOL	73	rps12 [complement(104915..104940)], rps12 [complement(105477..105708)], rps12 [complement(76130..76243)], trnK-UUU [complement(2019..2053)], trnK-UUU [complement(4592..4628)], rps16 [complement(5558..5784)], rps16 [complement(6643..6682)], trnG-GCC [9417..9439], trnG-GCC [10197..10233], atpF [complement(12376..12786)], atpF [complement(13588..13731)], rpoC1 [complement(22092..23717)], rpoC1 [complement(24496..24927)], ycf3 [complement(45841..45993)], ycf3 [complement(46768..46995)], ycf3 [complement(47738..47863)], trnL-UAA [51974..52010], trnL-UAA [52558..52607], trnV-UAC [complement(56785..56821)], trnV-UAC [complement(57409..57447)], rps12 [complement(76130..76243)], rps12 [148122..148353], rps12 [148890..148915], clpP [complement(76437..76664)], clpP [complement(77330..77620)], clpP [complement(78533..78601)], petB [81493..81498], petB [82317..82958], petD [83165..83172], petD	trnK-UUU [complement(2054..4591)], rps16 [complement(5785..6642)], trnG-GCC [9440..10196], atpF [complement(12787..13587)], rpoC1 [complement(23718..24495)], ycf3 [complement(45994..46767)], ycf3 [complement(46996..47737)], trnL-UAA [52011..52557], trnV-UAC [complement(56822..57408)], clpP [complement(76665..77329)], clpP [complement(77621..78532)], petB [81499..82316], petD [83173..83914], rpl16 [complement(88272..89428)], rpl2 [complement(91599..92296)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[83915..84389], rpl16 [complement(87873..88271)], rpl16 [complement(89429..89437)], rpl2 [complement(91165..91598)], rpl2 [complement(92297..92687)], ndhB [complement(101855..102610)], ndhB [complement(103294..104070)], trnI-GAU [109810..109851], trnI-GAU [110804..110838], trnA-UGC [110902..110939], trnA-UGC [111734..111768], ndhA [124340..124891], ndhA [126017..126556], trnA-UGC [complement(142062..142096)], trnA-UGC [complement(142891..142928)], trnI [complement(142992..143026)], trnI [complement(143979..144020)], ndhB [149760..150536], ndhB [151220..151975], rpl2 [161143..161533], rpl2 [162232..162665]	[complement(102611..103293)], trnI-GAU [109852..110803], trnA-UGC [110940..111733], ndhA [124892..126016], trnA-UGC [complement(142097..142890)], trnI [complement(143027..143978)], ndhB [150537..151219], rpl2 [161534..162231]
3555.	TIPA	73	rps12 [complement(104959..104984)], rps12 [complement(105521..105752)], rps12 [complement(76177..76290)], trnK-UUU [complement(2130..2164)], trnK-UUU [complement(4698..4734)], rps16 [complement(5665..5891)], rps16 [complement(6750..6789)], trnG-GCC [9528..9550], trnG-GCC [10309..10345], atpF [complement(12480..12890)], atpF [complement(13692..13835)], rpoC1 [complement(22190..23815)], rpoC1 [complement(24594..25025)], ycf3 [complement(45887..46039)], ycf3 [complement(46814..47041)], ycf3 [complement(47784..47909)], trnL-UAA [52007..52043], trnL-UAA [52591..52640], trnV-UAC [complement(56832..56868)], trnV-UAC [complement(57456..57494)], rps12 [complement(76177..76290)], rps12 [148041..148272], rps12 [148812..148834], clpP [complement(76484..76711)], clpP [complement(77377..77667)], clpP [complement(78579..78647)], petB [81539..81544], petB [82363..83004], petD [83211..83218], petD [83960..84434], rpl16 [complement(87918..88316)], rpl16 [complement(89473..89481)], rpl2 [complement(91209..91642)], rpl2 [complement(92341..92731)], ndhB [complement(101899..102654)], ndhB [complement(103338..104114)], trnI-GAU [109792..109833], trnI-GAU [110786..110820], trnA-UGC [110884..110921], trnA-UGC [111716..111750], ndhA [124322..124873], ndhA [125999..126538], trnA-UGC [complement(142043..142077)], trnA-UGC [complement(142872..142909)], trnI-GAU [complement(142973..143007)], trnI-GAU	trnK-UUU [complement(2165..4697)], rps16 [complement(5892..6749)], trnG-GCC [9551..10308], atpF [complement(12891..13691)], rpoC1 [complement(23816..24593)], ycf3 [complement(46040..46813)], ycf3 [complement(47042..47783)], trnL-UAA [52044..52590], trnV-UAC [complement(56869..57455)], clpP [complement(76712..77376)], clpP [complement(77668..78578)], petB [81545..82362], petD [83219..83959], rpl16 [complement(88317..89472)], rpl2 [complement(91643..92340)], ndhB [complement(102655..103337)], trnI-GAU [109834..110785], trnA-UGC [110922..111715], ndhA [124874..125998], trnA-UGC [complement(142078..142871)], trnI-GAU [complement(143008..143959)], ndhB [150456..151138], rpl2 [161453..162150]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(143960..144001)], ndhB [149679..150455], ndhB [151139..151894], rpl2 [161062..161452], rpl2 [162151..162584]	
3556.	TIPO	66	rps12 [complement(99205..99230)], rps12 [complement(99751..99982)], rps12 [complement(71674..71787)], trnK-UUU [complement(1724..1758)], trnK-UUU [complement(4253..4289)], rps16 [complement(5147..5373)], rps16 [complement(6202..6241)], trnG-GCC [9540..9562], trnG-GCC [10274..10320], atpF [complement(12365..12774)], atpF [complement(13505..13649)], rpoC1 [complement(21547..23163)], rpoC1 [complement(23927..24379)], ycf3 [complement(44570..44722)], ycf3 [complement(45462..45691)], ycf3 [complement(46407..46530)], trnL-UAA [49368..49402], trnL-UAA [49882..49931], trnV-UAC [complement(53838..53872)], trnV-UAC [complement(54453..54490)], rps12 [141009..141240], rps12 [141761..141786], clpP [complement(71969..72197)], clpP [complement(72815..73105)], clpP [complement(73893..73963)], petB [76812..76817], petB [77586..78227], petD [78421..78428], petD [79135..79630], rpl16 [complement(83049..83444)], rpl16 [complement(84489..84497)], ndhB [complement(96149..96904)], ndhB [complement(97584..98360)], trnI-GAU [103594..103630], trnI-GAU [104337..104371], trnA-UGC [104436..104473], trnA-UGC [105308..105342], ndhA [complement(121029..121567)], ndhA [complement(122657..123209)], trnA-UGC [complement(135649..135683)], trnA-UGC [complement(136518..136555)], trnI-GAU [complement(136620..136654)], trnI-GAU [complement(137361..137397)], ndhB [142631..143407], ndhB [144087..144842]	trnK-UUU [complement(1759..4252)], rps16 [complement(5374..6201)], trnG-GCC [9563..10273], atpF [complement(12775..13504)], rpoC1 [complement(23164..23926)], ycf3 [complement(44723..45461)], ycf3 [complement(45692..46406)], trnL-UAA [49403..49881], trnV-UAC [complement(53873..54452)], clpP [complement(72198..72814)], clpP [complement(73106..73892)], petB [76818..77585], petD [78429..79134], rpl16 [complement(83445..84488)], ndhB [complement(96905..97583)], trnI-GAU [103631..104336], trnA-UGC [104474..105307], ndhA [complement(121568..122656)], trnA-UGC [complement(135684..136517)], trnI-GAU [complement(136655..137360)], ndhB [143408..144086]
3557.	TITR	66	rps12 [complement(99260..99285)], rps12 [complement(99806..100037)], rps12 [complement(71739..71852)], trnK-UUU [complement(1724..1758)], trnK-UUU [complement(4245..4281)], rps16 [complement(5151..5377)], rps16 [complement(6206..6245)], trnG-GCC [9616..9638], trnG-GCC [10333..10379], atpF [complement(12418..12827)], atpF [complement(13557..13701)], rpoC1 [complement(21605..23221)], rpoC1 [complement(23952..24404)], ycf3 [complement(44638..44790)], ycf3 [complement(45531..45760)], ycf3 [complement(46477..46600)], trnL-UAA	trnK-UUU [complement(1759..4244)], rps16 [complement(5378..6205)], trnG-GCC [9639..10332], atpF [complement(12828..13556)], rpoC1 [complement(23222..23951)], ycf3 [complement(44791..45530)], ycf3 [complement(45761..46476)], trnL-UAA [49430..49908], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[49395..49429], trnL-UAA [49909..49958], trnV-UAC [complement(53876..53910)], trnV-UAC [complement(54491..54528)], rps12 [141503..141734], rps12 [142255..142280], clpP [complement(72031..72259)], clpP [complement(72875..73165)], clpP [complement(73957..74027)], petB [76871..76876], petB [77645..78286], petD [78480..78487], petD [79193..79688], rpl16 [complement(83107..83502)], rpl16 [complement(84555..84563)], ndhB [complement(96204..96959)], ndhB [complement(97639..98415)], trnI-GAU [103647..103683], trnI-GAU [104624..104658], trnA-UGC [104723..104760], trnA-UGC [105595..105629], ndhA [complement(121322..121860)], ndhA [complement(122957..123509)], trnA-UGC [complement(135911..135945)], trnA-UGC [complement(136780..136817)], trnI-GAU [complement(136882..136916)], trnI-GAU [complement(137857..137893)], ndhB [143125..143901], ndhB [144581..145336]	[complement(53911..54490)], clpP [complement(72260..72874)], clpP [complement(73166..73956)], petB [76877..77644], petD [78488..79192], rpl16 [complement(83503..84554)], ndhB [complement(96960..97638)], trnI-GAU [103684..104623], trnA-UGC [104761..105594], ndhA [complement(121861..122956)], trnA-UGC [complement(135946..136779)], trnI-GAU [complement(136917..137856)], ndhB [143902..144580]
3558.	TIUR	72	rps12 [complement(99738..99763)], rps12 [complement(100304..100535)], rps12 [complement(71436..71549)], trnK-UUU [complement(1634..1671)], trnK-UUU [complement(4197..4233)], rps16 [complement(4696..4889)], rps16 [complement(5724..5763)], trnG-UCC [9004..9026], trnG-UCC [9801..9848], atpF [complement(12198..12607)], atpF [complement(13450..13594)], rpoC1 [complement(21551..23167)], rpoC1 [complement(23921..24373)], ycf3 [complement(44156..44308)], ycf3 [complement(45135..45364)], ycf3 [complement(46111..46234)], trnL-UAA [48975..49009], trnL-UAA [49556..49605], trnC-ACA [complement(53278..53311)], trnC-ACA [complement(53931..53969)], rps12 [142654..142885], rps12 [143426..143451], clpP [complement(71722..71949)], clpP [complement(72581..72872)], clpP [complement(73815..73885)], petB [76779..76784], petB [77561..78202], petD [78407..78414], petD [79227..79701], rpl16 [complement(83141..83539)], rpl16 [complement(84591..84599)], rpl2 [complement(86376..86809)], rpl2 [complement(87472..87862)], ndhB [complement(96677..97432)], ndhB [complement(98113..98892)], trnI-GAU [104496..104532], trnI-GAU [105379..105413], trnA-UGC [105483..105520], trnA-UGC [106322..106356],	trnK-UUU [complement(1672..4196)], rps16 [complement(4890..5723)], trnG-UCC [9027..9800], atpF [complement(12608..13449)], rpoC1 [complement(23168..23920)], ycf3 [complement(44309..45134)], ycf3 [complement(45365..46110)], trnL-UAA [49010..49555], trnC-ACA [complement(53312..53930)], clpP [complement(71950..72580)], clpP [complement(72873..73814)], petB [76785..77560], petD [78415..79226], rpl16 [complement(83540..84590)], rpl2 [complement(86810..87471)], ndhB [complement(97433..98112)], trnI-GAU [104533..105378], trnA-UGC [105521..106321], ndhA [complement(122857..123879)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(122318..122856)], ndhA [complement(123880..124432)], trnA-UGC [complement(136833..136867)], trnA-UGC [complement(137669..137706)], trnI-GAU [complement(137776..137810)], trnI-GAU [complement(138657..138693)], ndhB [144297..145076], ndhB [145757..146512], rpl2 [155327..155717], rpl2 [156380..156813]	[complement(136868..137668)], trnI-GAU [complement(137811..138656)], ndhB [145077..145756], rpl2 [155718..156379]
3559.	TOAN	6	rpoC1 [complement(21271..21702)], rps12 [136773..137004], rps12 [137540..137565], rpl2 [149598..149988], rpl2 [150651..151084]	rpl2 [149989..150650]
3560.	TOCI	73	rps12 [complement(101478..101503)], rps12 [complement(102040..102271)], rps12 [complement(73218..73331)], trnK-UUU [complement(1847..1881)], trnK-UUU [complement(4405..4441)], rps16 [complement(5226..5452)], rps16 [complement(6317..6356)], trnG-UCC [10071..10093], trnG-UCC [10816..10864], atpF [complement(12863..13273)], atpF [complement(14029..14187)], rpoC1 [complement(22392..24011)], rpoC1 [complement(24764..25198)], ycf3 [complement(44923..45075)], ycf3 [complement(45863..46090)], ycf3 [complement(46818..46946)], trnL-UAA [50206..50242], trnL-UAA [50762..50810], trnV-UAC [complement(54344..54380)], trnV-UAC [complement(54980..55018)], rps12 [complement(73218..73331)], rps12 [144431..144662], rps12 [145199..145224], clpP [complement(73483..73710)], clpP [complement(74370..74660)], clpP [complement(75516..75584)], petB [78465..78470], petB [79270..79926], petD [80121..80129], petD [80805..81329], rpl16 [complement(84813..85214)], rpl16 [complement(86126..86134)], rpl2 [complement(87814..88248)], rpl2 [complement(88916..89308)], ndhB [complement(98421..99176)], ndhB [complement(99858..100634)], trnI-GAU [106177..106218], trnI-GAU [107173..107207], trnA-UGC [107278..107315], trnA-UGC [108156..108190], ndhA [complement(124158..124697)], ndhA [complement(125796..126347)], trnA-UGC [complement(138512..138546)], trnA-UGC [complement(139387..139424)], trnI-GAU [complement(139495..139529)], trnI-GAU [complement(140484..140525)], ndhB [146068..146844], ndhB [147526..148281], rpl2 [157394..157783], rpl2 [158454..158888]	trnK-UUU [complement(1882..4404)], rps16 [complement(5453..6316)], trnG-UCC [10094..10815], atpF [complement(13274..14028)], rpoC1 [complement(24012..24763)], ycf3 [complement(45076..45862)], ycf3 [complement(46091..46817)], trnL-UAA [50243..50761], trnV-UAC [complement(54381..54979)], clpP [complement(73711..74369)], clpP [complement(74661..75515)], petB [78471..79269], petD [80130..80804], rpl16 [complement(85215..86125)], rpl2 [complement(88249..88915)], ndhB [complement(99177..99857)], trnI-GAU [106219..107172], trnA-UGC [107316..108155], ndhA [complement(124698..125795)], trnA-UGC [complement(138547..139386)], trnI-GAU [complement(139530..140483)], ndhB [146845..147525], rpl2 [157784..158453]
3561.	TOFA	50	trnK-UUU [complement(1449..1483)], trnK-UUU [complement(3898..3934)],	trnK-UUU [complement(1484..3897)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(4709..4846)], rps16 [complement(5744..5782)], ycf3 [9947..10072], ycf3 [10778..11005], ycf3 [11724..11879], rpoC1 [30667..31108], rpoC1 [31792..33467], atpF [40320..40464], atpF [41188..41597], trnG-UCC [complement(43555..43602)], trnG-UCC [complement(44398..44418)], trnL-UAA [47089..47123], trnL-UAA [47586..47635], trnV-UAC [complement(51552..51588)], trnV-UAC [complement(52121..52159)], rps12 [61784..61897], rps12 [complement(99364..99595)], rps12 [complement(98797..98822)], petB [75110..75114], petB [75889..76531], petD [76730..76737], petD [77381..77870], rpl16 [complement(81836..82246)], rpl16 [complement(83166..83174)], rpl2 [complement(84820..85251)], rpl2 [complement(85904..86296)], ndhB [complement(95785..96540)], ndhB [complement(97249..97971)], trnI-GAU [104217..104253], trnI-GAU [105065..105099], ndhA [complement(121672..122220)], ndhA [complement(122985..123542)]	[complement(4847..5743)], ycf3 [10073..10777], ycf3 [11006..11723], rpoC1 [31109..31791], atpF [40465..41187], trnG-UCC [complement(43603..44397)], trnL-UAA [47124..47585], trnV-UAC [complement(51589..52120)], petB [75115..75888], petD [76738..77380], rpl16 [complement(82247..83165)], rpl2 [complement(85252..85903)], ndhB [complement(96541..97248)], trnI-GAU [104254..105064], ndhA [complement(122221..122984)]
3562.	TOM A	34	rps12 [complement(84631..84657)], rps12 [complement(85196..85423)], rps12 [complement(57967..58080)], atpF [complement(7766..8176)], atpF [complement(8968..9111)], rpoC1 [complement(16447..18069)], rpoC1 [complement(18854..19285)], ycf3 [complement(36758..36910)], ycf3 [complement(37647..37874)], ycf3 [complement(38639..38764)], trnL-UAA [41525..41561], trnL-UAA [41844..41893], rps12 [111111..111338], rps12 [111877..111903], clpP [complement(58216..58446)], clpP [complement(59105..59431)], infA [complement(68344..68496)], infA [complement(68507..68599)], rpl2 [complement(72701..73141)], rpl2 [complement(73796..74185)], ycf15 [81765..81881], ycf15 [81892..82020], ycf15 [complement(114514..114642)], ycf15 [complement(114653..114769)]	atpF [complement(8177..8967)], rpoC1 [complement(18070..18853)], ycf3 [complement(36911..37646)], ycf3 [complement(37875..38638)], trnL-UAA [41562..41843], clpP [complement(58447..59104)], infA [complement(68497..68506)], rpl2 [complement(73142..73795)], ycf15 [81882..81891], ycf15 [complement(114643..114652)]
3563.	TOPA	64	rps12 [complement(88945..88973)], rps12 [complement(89514..89745)], rps12 [complement(66952..67065)], trnK-UUU [complement(1395..1429)], trnK-UUU [complement(3899..3935)], rps16 [complement(4488..4705)], rps16 [complement(5533..5572)], trnG-UCC [complement(12744..12791)], trnG-UCC [complement(13468..13490)], atpF [32528..32672], atpF [33504..33910], ycf3 [complement(41676..41836)], ycf3 [complement(42563..42788)], ycf3	trnK-UUU [complement(1430..3898)], rps16 [complement(4706..5532)], trnG-UCC [complement(12792..13467)], atpF [32673..33503], ycf3 [complement(41837..42562)], ycf3 [complement(42789..43538)], trnL

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(43539..43664)], trnL [46427..46465], trnL [47004..47053], trnV-UAC [complement(50591..50627)], trnV-UAC [complement(51224..51262)], rps12 [126497..126728], rps12 [127269..127297], petB [70840..70845], petB [71613..72254], petD [72445..72452], petD [73200..73674], rpl16 [complement(77257..77658)], rpl16 [complement(78701..78709)], rpl2 [complement(80710..81140)], rpl2 [complement(81804..82194)], ndhB [complement(85877..86632)], ndhB [complement(87345..88121)], trnI-GAU [93598..93634], trnI-GAU [94441..94475], trnA-UGC [94541..94578], trnA-UGC [95390..95424], ndhA [complement(111350..111888)], ndhA [complement(112912..113461)], trnA-UGC [complement(120818..120852)], trnA-UGC [complement(121664..121701)], trnI-GAU [complement(121767..121801)], trnI-GAU [complement(122608..122644)], ndhB [128121..128897], ndhB [129610..130365], rpl2 [134048..134438], rpl2 [135102..135532]	[46466..47003], trnV-UAC [complement(50628..51223)], petB [70846..71612], petD [72453..73199], rpl16 [complement(77659..78700)], rpl2 [complement(81141..81803)], ndhB [complement(86633..87344)], trnI-GAU [93635..94440], trnA-UGC [94579..95389], ndhA [complement(111889..112911)], trnA-UGC [complement(120853..121663)], trnI-GAU [complement(121802..122607)], ndhB [128898..129609], rpl2 [134439..135101]
3564.	TOPR	50	trnK-UUU [complement(1449..1483)], trnK-UUU [complement(3898..3934)], rps16 [complement(4710..4847)], rps16 [complement(5745..5783)], ycf3 [9948..10073], ycf3 [10779..11006], ycf3 [11725..11880], rpoC1 [30649..31090], rpoC1 [31774..33449], atpF [40305..40449], atpF [41173..41582], trnG-UCC [complement(43538..43585)], trnG-UCC [complement(44381..44401)], trnL-UAA [47072..47106], trnL-UAA [47569..47618], trnV-UAC [complement(51538..51574)], trnV-UAC [complement(52107..52145)], rps12 [61758..61871], rps12 [complement(99355..99586)], rps12 [complement(98788..98813)], petB [75055..75059], petB [75834..76476], petD [76675..76682], petD [77326..77815], rpl16 [complement(81782..82192)], rpl16 [complement(83112..83120)], rpl2 [complement(84766..85197)], rpl2 [complement(85850..86242)], ndhB [complement(95776..96531)], ndhB [complement(97240..97962)], trnI-GAU [104187..104223], trnI-GAU [105035..105069], ndhA [complement(121642..122190)], ndhA [complement(122955..123512)]	trnK-UUU [complement(1484..3897)], rps16 [complement(4848..5744)], ycf3 [10074..10778], ycf3 [11007..11724], rpoC1 [31091..31773], atpF [40450..41172], trnG-UCC [complement(43586..44380)], trnL-UAA [47107..47568], trnV-UAC [complement(51575..52106)], petB [75060..75833], petD [76683..77325], rpl16 [complement(82193..83111)], rpl2 [complement(85198..85849)], ndhB [complement(96532..97239)], trnI-GAU [104224..105034], ndhA [complement(122191..122954)]
3565.	TOTH	72	rps12 [complement(98344..98369)], rps12 [complement(98911..99142)], rps12 [complement(69693..69806)], trnK-UUU [complement(1558..1592)],	trnK-UUU [complement(1593..4166)], rps16 [complement(5172..6040)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4167..4203)], rps16 [complement(4936..5171)], rps16 [complement(6041..6080)], trnG-UCC [9557..9579], trnG-UCC [10318..10355], atpF [complement(12349..12759)], atpF [complement(13618..13761)], rpoC1 [complement(21433..23067)], rpoC1 [complement(23805..24236)], ycf3 [complement(43219..43371)], ycf3 [complement(44075..44302)], ycf3 [complement(45043..45168)], trnL-UAA [47846..47880], trnL-UAA [48401..48450], trnV-UAC [complement(52254..52290)], trnV-UAC [complement(52884..52922)], rps12 [140955..141186], rps12 [141728..141753], clpP [complement(69982..70227)], clpP [complement(70894..71184)], clpP [complement(71967..72035)], petB [74929..74934], petB [75756..76397], petD [76605..76612], petD [77378..77885], rpl16 [complement(81394..81795)], rpl16 [complement(82904..82912)], rpl2 [complement(84628..85059)], rpl2 [complement(85723..86115)], ndhB [complement(95276..96031)], ndhB [complement(96732..97508)], trnI-GAU [103142..103183], trnI-GAU [104122..104156], trnA-UGC [104221..104258], trnA-UGC [105059..105093], ndhA [117459..118010], ndhA [118890..119429], trnA-UGC [complement(135004..135038)], trnA-UGC [complement(135839..135876)], trnI-GAU [complement(135941..135975)], trnI-GAU [complement(136914..136955)], ndhB [142589..143365], ndhB [144066..144821], rpl2 [153982..154374], rpl2 [155038..155469]	[9580..10317], atpF [complement(12760..13617)], rpoC1 [complement(23068..23804)], ycf3 [complement(43372..44074)], ycf3 [complement(44303..45042)], trnL-UAA [47881..48400], trnV-UAC [complement(52291..52883)], clpP [complement(70228..70893)], clpP [complement(71185..71966)], petB [74935..75755], petD [76613..77377], rpl16 [complement(81796..82903)], rpl2 [complement(85060..85722)], ndhB [complement(96032..96731)], trnI-GAU [103184..104121], trnA-UGC [104259..105058], ndhA [118011..118889], trnA-UGC [complement(135039..135838)], trnI-GAU [complement(135976..136913)], ndhB [143366..144065], rpl2 [154375..155037]
3566.	TOTI	67	rps12 [complement(101297..101322)], rps12 [complement(101859..102090)], rps12 [complement(73148..73261)], trnK-UUU [complement(1732..1766)], trnK-UUU [complement(4303..4339)], rps16 [complement(5153..5348)], rps16 [complement(6203..6243)], trnG-UCC [10144..10166], trnG-UCC [10872..10919], atpF [complement(12901..13310)], atpF [complement(14033..14177)], rpoC1 [complement(22174..23790)], rpoC1 [complement(24550..24981)], ycf3 [complement(44827..44979)], ycf3 [complement(45719..45946)], ycf3 [complement(46664..46789)], trnL-UAA [49819..49855], trnL-UAA [50263..50312], trnV-UAC [complement(54242..54276)], trnV-UAC [complement(54858..54896)], rps12 [complement(73148..73261)], rps12 [144226..144457], rps12	trnK-UUU [complement(1767..4302)], rps16 [complement(5349..6202)], trnG-UCC [10167..10871], atpF [complement(13311..14032)], rpoC1 [complement(23791..24549)], ycf3 [complement(44980..45718)], ycf3 [complement(45947..46663)], trnL-UAA [49856..50262], trnV-UAC [complement(54277..54857)], clpP [complement(73630..74312)], clpP [complement(74605..75370)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144994..145019], clpP [complement(73402..73629)], clpP [complement(74313..74604)], clpP [complement(75371..75441)], petB [78460..78465], petB [79199..79840], petD [80030..80037], petD [80791..81265], rpl16 [complement(84743..85141)], rpl16 [complement(86173..86181)], ndhB [complement(98267..99022)], ndhB [complement(99702..100478)], trnI-GAU [106021..106057], trnI-GAU [107005..107039], trnA-UGC [107104..107141], trnA-UGC [107948..107982], ndhA [complement(123664..124208)], ndhA [complement(125283..125835)], trnA-UGC [complement(138334..138368)], trnA-UGC [complement(139175..139212)], trnI-GAU [complement(139277..139311)], trnI-GAU [complement(140259..140295)], ndhB [145838..146614], ndhB [147294..148049]	[78466..79198], petD [80038..80790], rpl16 [complement(85142..86172)], ndhB [complement(99023..99701)], trnI-GAU [106058..107004], trnA-UGC [107142..107947], ndhA [complement(124209..125282)], trnA-UGC [complement(138369..139174)], trnI-GAU [complement(139312..140258)], ndhB [146615..147293]
3567.	TRAE	41	trnK [complement(1385..1409)], trnK [complement(3814..3943)], trnG [complement(13168..13215)], trnG [complement(13892..13915)], trnL [47029..47063], trnL [47652..47701], trnV [complement(51157..51191)], trnV [complement(51790..51828)], rps12 [complement(67272..67385)], rps12 [125870..126092], rps12 [126633..126664], trnI [92850..92886], trnI [93693..93727], trnA [93794..93831], trnA [94637..94671], ndhA [complement(110742..111278)], trnA [complement(120223..120257)], trnA [complement(121063..121100)], trnI [complement(121167..121201)], trnI [complement(122008..122044)]	trnK [complement(1410..3813)], rps16 [complement(4735..5584)], trnG [complement(13216..13891)], atpF [33347..34170], ycf3 [complement(42568..43298)], ycf3 [complement(43529..44284)], trnL [47064..47651], trnV [complement(51192..51789)], petB [71119..71866], petD [72703..73451], rpl16 [complement(77920..78962)], rpl2 [complement(81373..82035)], ndhB [complement(85912..86624)], trnI [92887..93692], trnA [93832..94636], ndhA [101052..110741], ndhA [complement(111281..112316)], trnA [complement(120258..121062)], trnI [complement(121202..122007)], ndhB [128270..128982], rpl2 [132859..133521]
3568.	TRAM	49	rps12 [complement(99702..99727)], rps12 [complement(100268..100499)], rps12 [complement(71499..71612)], trnK [complement(1606..1640)], trnK	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(4189..4225)], rps16 [complement(4661..4878)], rps16 [complement(5598..5637)], trnG [8826..8848], trnG [9603..9651], atpF [complement(11857..12266)], atpF [complement(13093..13237)], rpoC1 [complement(21349..22965)], rpoC1 [complement(23694..24125)], ycf3 [complement(43863..44015)], ycf3 [complement(44842..45069)], ycf3 [complement(45808..45933)], trnL [48690..48724], trnL [49240..49289], trnV [complement(52903..52937)], trnV [complement(53557..53595)], rps12 [142354..142585], rps12 [143126..143151], clpP [complement(71804..72031)], clpP [complement(72684..72975)], clpP [complement(73896..73966)], petB [76865..76870], petB [77636..78277], petD [78472..78479], petD [79267..79741], rpl16 [complement(83200..83598)], rpl16 [complement(84586..84594)], rpl2 [complement(86338..86772)], rpl2 [complement(87436..87825)], ndhB [complement(96640..97395)], ndhB [complement(98077..98856)], trnI [104465..104501], trnI [105352..105386], trnA [105456..105493], trnA [106295..106329], ndhA [complement(122079..122617)], ndhA [complement(123640..124192)], trnA [complement(136524..136558)], trnA [complement(137360..137397)], trnI [complement(137467..137501)], trnI [complement(138352..138388)], ndhB [143997..144776], ndhB [145458..146213], rpl2 [155028..155417], rpl2 [156081..156515]</p>	
3569.	TRAR	28	<p>rps12 [complement(75139..75252)], rps12 [148181..148206], trnI-GAU [complement(142445..142479)], trnI-GAU [complement(143434..143475)]</p>	<p>trnK-UUU [complement(1884..4370)], rps16 [complement(5943..6786)], trnG-UCC [10712..11409], atpF [complement(13767..14490)], rpoC1 [complement(24254..24967)], ycf3 [complement(46371..47128)], ycf3 [complement(47359..48083)], trnL-UAA [51830..52271], trnV-UAC [complement(56540..57124)], clpP [complement(75660..76309)], clpP [complement(76602..77311)], petB [80289..81085], petD [81941..82649], rpl16</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(87022..87993)], rpl2 [complement(90119..90792)], ndhB [complement(100898..101597)], trnI-GAU [107996..108949], trnA-UGC [109093..109896], ndhA [complement(127438..128521)], trnA-UGC [complement(141533..142336)], trnI-GAU [complement(142480..143433)], ndhB [149832..150531], rpl2 [160637..161310], rpl16 [163436..164407]
3570.	TRAS	64	rps12 [complement(88852..88880)], rps12 [complement(89426..89657)], rps12 [complement(67427..67540)], trnK-UUU [complement(1396..1430)], trnK-UUU [complement(3900..3936)], rps16 [complement(4492..4709)], rps16 [complement(5535..5574)], trnG-UCC [complement(13044..13091)], trnG-UCC [complement(13775..13797)], atpF [33654..33798], atpF [34636..35042], ycf3 [complement(42860..43018)], ycf3 [complement(43742..43971)], ycf3 [complement(44714..44837)], trnL-UAA [47181..47215], trnL-UAA [47765..47814], trnV-UAC [complement(51391..51425)], trnV-UAC [complement(52025..52063)], rps12 [125648..125879], rps12 [126425..126453], petB [71246..71251], petB [72004..72645], petD [72847..72854], petD [73586..74060], rpl16 [complement(77611..78012)], rpl16 [complement(78982..78990)], rpl2 [complement(80937..81367)], rpl2 [complement(82031..82421)], ndhB [complement(85778..86533)], ndhB [complement(87247..88023)], trnI-GAU [93487..93523], trnI-GAU [94239..94273], trnA-UGC [94339..94376], trnA-UGC [95187..95221], ndhA [complement(110588..111126)], ndhA [complement(112150..112699)], trnA-UGC [complement(120084..120118)], trnA-UGC [complement(120929..120966)], trnI-GAU [complement(121032..121066)], trnI-GAU [complement(121782..121818)], ndhB [127282..128058], ndhB [128772..129527], rpl2 [132884..133274], rpl2 [133938..134368]	trnK-UUU [complement(1431..3899)], rps16 [complement(4710..5534)], trnG-UCC [complement(13092..13774)], atpF [33799..34635], ycf3 [complement(43019..43741)], ycf3 [complement(43972..44713)], trnL-UAA [47216..47764], trnV-UAC [complement(51426..52024)], petB [71252..72003], petD [72855..73585], rpl16 [complement(78013..78981)], rpl2 [complement(81368..82030)], ndhB [complement(86534..87246)], trnI-GAU [93524..94238], trnA-UGC [94377..95186], ndhA [complement(111127..112149)], trnA-UGC [complement(120119..120928)], trnI-GAU [complement(121067..121781)], ndhB [128059..128771], rpl2 [133275..133937]
3571.	TRAU	30	trnK-UUU [complement(1899..1927)], trnK-UUU [complement(4401..4437)], trnV-UAC [9492..9530], trnV-UAC [10105..10141], trnL-UAA	trnK-UUU [complement(1928..4400)], trnV-UAC [9531..10104], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13043..13092)], trnL-UAA [complement(13641..13677)], rps12 [16718..16831], rps12 [complement(41269..41526)], trnI-GAU [45266..45307], trnI-GAU [45986..46020], trnA-UGC [46098..46135], trnA-UGC [46949..46983], trnG-UCC [62459..62481], trnG-UCC [63158..63206]	[complement(13093..13640)], rp12 [complement(29045..29770)], ndhB [complement(38960..39648)], trnI-GAU [45308..45985], trnA-UGC [46136..46948], trnG-UCC [62482..63157], atpF [complement(65734..66417)], rpoC1 [complement(76148..76905)], ycf3 [complement(97224..97982)], ycf3 [complement(98211..98950)], clpP [complement(100358..100962)], petB [104120..104993], petD [105832..106543], ndhA [115217..116524]
3572.	TRBA	64	rps12 [complement(89047..89075)], rps12 [complement(89616..89847)], rps12 [complement(67506..67619)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3931..3968)], rps16 [complement(4517..4734)], rps16 [complement(5572..5611)], trnG-UCC [complement(13093..13140)], trnG-UCC [complement(13823..13845)], atpF [33590..33748], atpF [34570..34977], ycf3 [complement(42771..42929)], ycf3 [complement(43659..43886)], ycf3 [complement(44634..44759)], trnL-UAA [47069..47103], trnL-UAA [47653..47702], trnV-UAC [complement(51300..51346)], trnV-UAC [complement(51934..51972)], rps12 [125995..126226], rps12 [126767..126795], petB [71355..71360], petB [72140..72787], petD [72987..72994], petD [73735..74209], rpl16 [complement(77707..78108)], rpl16 [complement(79183..79191)], rpl2 [complement(81130..81561)], rpl2 [complement(82222..82614)], ndhB [complement(85974..86730)], ndhB [complement(87443..88218)], trnI-GAU [93677..93718], trnI-GAU [94429..94463], trnA-UGC [94529..94566], trnA-UGC [95377..95411], ndhA [complement(110951..111490)], ndhA [complement(112514..113062)], trnA-UGC [complement(120431..120465)], trnA-UGC [complement(121276..121313)], trnI-GAU [complement(121379..121413)], trnI-GAU [complement(122124..122165)], ndhB [127624..128399], ndhB [129112..129868], rpl2 [133228..133620], rpl2 [134281..134712]	trnK-UUU [complement(1421..3930)], rps16 [complement(4735..5571)], trnG-UCC [complement(13141..13822)], atpF [33749..34569], ycf3 [complement(42930..43658)], ycf3 [complement(43887..44633)], trnL-UAA [47104..47652], trnV-UAC [complement(51347..51933)], petB [71361..72139], petD [72995..73734], rpl16 [complement(78109..79182)], rpl2 [complement(81562..82221)], ndhB [complement(86731..87442)], trnI-GAU [93719..94428], trnA-UGC [94567..95376], ndhA [complement(111491..112513)], trnA-UGC [complement(120466..121275)], trnI-GAU [complement(121414..122123)], ndhB [128400..129111], rpl2 [133621..134280]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3573.	TRBO	26	trnK-UUU [complement(1725..1753)], trnK-UUU [complement(4234..4270)], trnV-UAC [9337..9375], trnV-UAC [9950..9986], trnL-UAA [complement(12901..12950)], trnL-UAA [complement(13516..13552)], trnI-GAU [44389..44430], trnI-GAU [45109..45143], trnA-UGC [45222..45259], trnA-UGC [46077..46111]	trnK-UUU [complement(1754..4233)], trnV-UAC [9376..9949], trnL-UAA [complement(12951..13515)], rpl16 [complement(24467..25794)], rpl2 [complement(27890..28619)], ndhB [complement(38059..38760)], trnI-GAU [44431..45108], trnA-UGC [45260..46076], atpF [complement(64609..65271)], rpoC1 [complement(75005..75767)], ycf3 [complement(96001..96745)], ycf3 [complement(96974..97695)], clpP [complement(99056..99660)], petB [102819..103664], petD [104499..105210], ndhA [113926..115157]
3574.	TRBR	73	rps12 [complement(100888..100913)], rps12 [complement(101455..101683)], rps12 [complement(72031..72144)], trnK-UUU [complement(1418..1452)], trnK-UUU [complement(4054..4090)], rps16 [complement(4833..5053)], rps16 [complement(5910..5949)], trnG-GCC [9655..9677], trnG-GCC [10367..10414], atpF [complement(12357..12767)], atpF [complement(13559..13702)], rpoC1 [complement(21651..23271)], rpoC1 [complement(24018..24445)], ycf3 [complement(43522..43682)], ycf3 [complement(44423..44650)], ycf3 [complement(45367..45490)], trnL-UAA [48538..48572], trnL-UAA [49085..49134], trnV-UAC [complement(53803..53839)], trnV-UAC [complement(54432..54470)], rps12 [complement(72031..72144)], rps12 [143317..143545], rps12 [144087..144112], clpP [complement(72281..72532)], clpP [complement(73173..73464)], clpP [complement(74288..74358)], petB [77279..77284], petB [78065..78712], petD [78906..78913], petD [79646..80159], rpl16 [complement(83640..84038)], rpl16 [complement(85188..85196)], rpl2 [complement(87155..87586)], rpl2 [complement(88249..88638)], ndhB [complement(97814..98569)], ndhB [complement(99274..100050)], trnI-GAU [105663..105704], trnI-GAU	trnK-UUU [complement(1453..4053)], rps16 [complement(5054..5909)], trnG-GCC [9678..10366], atpF [complement(12768..13558)], rpoC1 [complement(23272..24017)], ycf3 [complement(43683..44422)], ycf3 [complement(44651..45366)], trnL-UAA [48573..49084], trnV-UAC [complement(53840..54431)], clpP [complement(72533..73172)], clpP [complement(73465..74287)], petB [77285..78064], petD [78914..79645], rpl16 [complement(84039..85187)], rpl2 [complement(87587..88248)], ndhB [complement(98570..99273)], trnI-GAU [105705..106641], trnA-UGC [106779..107579], ndhA [complement(123357..124401)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[106642..106676], trnA-UGC [106741..106778], trnA-UGC [107580..107614], ndhA [complement(122818..123356)], ndhA [complement(124402..124954)], trnA-UGC [complement(137386..137420)], trnA-UGC [complement(138222..138259)], trnI-GAU [complement(138324..138358)], trnI-GAU [complement(139296..139337)], ndhB [144950..145726], ndhB [146431..147186], rpl2 [156361..156751], rpl2 [157414..157845]	[complement(137421..138221)], trnI-GAU [complement(138359..139295)], ndhB [145727..146430], rpl2 [156752..157413]
3575.	TRCA	42	rps12 [113448..113561], rps12 [88214..88445], rps12 [88976..89001], trnK-UUU [complement(1803..1837)], trnK-UUU [complement(4407..4443)], trnG-UCC [9273..9295], trnG-UCC [10000..10047], atpF [complement(13108..13266)], petD [complement(23330..23807)], petB [complement(24699..25340)], trnL-UAA [38024..38058], trnL-UAA [38555..38604], trnV-UAC [complement(42149..42183)], trnV-UAC [complement(42766..42803)], rps12 [complement(148871..148984)], trnI-GAU [102764..102806], trnI-GAU [103730..103764], trnA-UGC [103837..103874], trnA-UGC [104689..104723], trnA-UGC [complement(157709..157743)], trnA-UGC [complement(158558..158595)], trnI-GAU [complement(158668..158702)], trnI-GAU [complement(159626..159668)]	trnK-UUU [complement(1838..4406)], trnG-UCC [9296..9999], atpF [complement(12370..13107)], rpl2 [15489..16155], rpl16 [18369..19452], petD [complement(23808..24498)], petB [complement(25341..26173)], trnL-UAA [38059..38554], trnV-UAC [complement(42184..42765)], ycf3 [71783..72577], ycf3 [72808..73540], rpoC1 [78611..79375], ndhB [90547..91223], trnI-GAU [102807..103729], trnA-UGC [103875..104688], ndhA [123932..124953], ndhA [complement(137479..138500)], trnA-UGC [complement(157744..158557)], trnI-GAU [complement(158703..159625)]
3576.	TRCE	64	rps12 [complement(88649..88677)], rps12 [complement(89218..89449)], rps12 [complement(66638..66751)], trnK-UUU [complement(1383..1417)], trnK-UUU [complement(3894..3930)], rps16 [complement(4471..4700)], rps16 [complement(5523..5562)], trnG-UCC [complement(12505..12552)], trnG-UCC [complement(13230..13252)], atpF [31862..32006], atpF [32836..33242], ycf3 [complement(41000..41160)], ycf3 [complement(41890..42115)], ycf3 [complement(42865..42990)], trnL [45793..45827], trnL [46164..46213], trnV-UAC [complement(49813..49849)], trnV-UAC [complement(50446..50484)], rps12 [125919..126150], rps12 [126691..126719], petB [70530..70535], petB [71302..71943], petD [72132..72139], petD [72885..73359], rpl16 [complement(76940..77341)], rpl16 [complement(78402..78410)], rpl2	trnK-UUU [complement(1418..3893)], rps16 [complement(4701..5522)], trnG-UCC [complement(12553..13229)], atpF [32007..32835], ycf3 [complement(41161..41889)], ycf3 [complement(42116..42864)], trnL [45828..46163], trnV-UAC [complement(49850..50445)], petB [70536..71301], petD [72140..72884], rpl16 [complement(77342..78401)], rpl2 [complement(80840..81502)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(80409..80839)], rpl2 [complement(81503..81893)], ndhB [complement(85581..86336)], ndhB [complement(87049..87825)], trnI-GAU [93304..93340], trnI-GAU [94147..94181], trnA-UGC [94247..94284], trnA-UGC [95096..95130], ndhA [complement(110794..111332)], ndhA [complement(112352..112901)], trnA-UGC [complement(120238..120272)], trnA-UGC [complement(121084..121121)], trnI-GAU [complement(121187..121221)], trnI-GAU [complement(122028..122064)], ndhB [127543..128319], ndhB [129032..129787], rpl2 [133475..133865], rpl2 [134529..134959]	[complement(86337..87048)], trnI-GAU [93341..94146], trnA-UGC [94285..95095], ndhA [complement(111333..112351)], trnA-UGC [complement(120273..121083)], trnI-GAU [complement(121222..122027)], ndhB [128320..129031], rpl2 [133866..134528]
3577.	TRCH	21	rps12 [complement(73917..74030)], trnK-UUU [complement(1725..1759)], trnK-UUU [complement(4254..4290)], trnG-UCC [9465..9487], trnG-UCC [10200..10247], trnL-UAA [50798..50832], trnL-UAA [51353..51402], trnV-UAC [complement(55806..55840)], trnV-UAC [complement(56421..56459)], rps12 [146245..146270], rpl2 [complement(89780..90182)], trnI-GAU [107212..107248], trnI-GAU [108196..108230], trnA-UGC [108295..108332], trnA-UGC [109133..109167], trnA-UGC [complement(139547..139581)], trnA-UGC [complement(140382..140419)], trnI-GAU [complement(140484..140518)], trnI-GAU [complement(141466..141502)], rpl2 [158532..158934]	trnV-UAC [complement(55841..56420)]
3578.	TRCI	64	rps12 [complement(89116..89144)], rps12 [complement(89685..89916)], rps12 [complement(67568..67681)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3930..3967)], rps16 [complement(4516..4733)], rps16 [complement(5564..5603)], trnG-UCC [complement(13085..13132)], trnG-UCC [complement(13815..13837)], atpF [33625..33783], atpF [34606..35013], ycf3 [complement(42807..42965)], ycf3 [complement(43695..43922)], ycf3 [complement(44669..44794)], trnL-UAA [47106..47140], trnL-UAA [47690..47739], trnV-UAC [complement(51332..51378)], trnV-UAC [complement(51966..52004)], rps12 [125994..126225], rps12 [126766..126794], petB [71417..71422], petB [72204..72851], petD [73056..73063], petD [73804..74278], rpl16 [complement(77777..78178)], rpl16 [complement(79251..79259)], rpl2 [complement(81192..81623)], rpl2 [complement(82284..82676)], ndhB [complement(86043..86799)], ndhB	trnK-UUU [complement(1421..3929)], rps16 [complement(4734..5563)], trnG-UCC [complement(13133..13814)], atpF [33784..34605], ycf3 [complement(42966..43694)], ycf3 [complement(43923..44668)], trnL-UAA [47141..47689], trnV-UAC [complement(51379..51965)], petB [71423..72203], petD [73064..73803], rpl16 [complement(78179..79250)], rpl2 [complement(81624..82283)], ndhB [complement(86800..87511)], trnI-GAU [93774..94483], trnA-UGC [94622..95431],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87512..88287)], trnI-GAU [93732..93773], trnI-GAU [94484..94518], trnA-UGC [94584..94621], trnA-UGC [95432..95466], ndhA [complement(110982..111521)], ndhA [complement(112545..113093)], trnA-UGC [complement(120444..120478)], trnA-UGC [complement(121289..121326)], trnI-GAU [complement(121392..121426)], trnI-GAU [complement(122137..122178)], ndhB [127623..128398], ndhB [129111..129867], rpl2 [133234..133626], rpl2 [134287..134718]	ndhA [complement(111522..112544)], trnA-UGC [complement(120479..121288)], trnI-GAU [complement(121427..122136)], ndhB [128399..129110], rpl2 [133627..134286]
3579.	TRCO	64	rps12 [complement(89036..89064)], rps12 [complement(89605..89836)], rps12 [complement(67519..67632)], trnK-UUU [complement(1383..1415)], trnK-UUU [complement(3908..3945)], rps16 [complement(4500..4717)], rps16 [complement(5556..5595)], trnG-UCC [complement(13063..13110)], trnG-UCC [complement(13793..13815)], atpF [33592..33750], atpF [34574..34981], ycf3 [complement(42773..42931)], ycf3 [complement(43660..43887)], ycf3 [complement(44627..44752)], trnL-UAA [47063..47097], trnL-UAA [47647..47696], trnV-UAC [complement(51265..51311)], trnV-UAC [complement(51899..51937)], rps12 [125945..126176], rps12 [126717..126745], petB [71369..71374], petB [72144..72791], petD [72991..72998], petD [73739..74213], rpl16 [complement(77714..78115)], rpl16 [complement(79189..79197)], rpl2 [complement(81129..81560)], rpl2 [complement(82221..82613)], ndhB [complement(85974..86730)], ndhB [complement(87443..88218)], trnI-GAU [93666..93707], trnI-GAU [94418..94452], trnA-UGC [94518..94555], trnA-UGC [95366..95400], ndhA [complement(110919..111458)], ndhA [complement(112482..113030)], trnA-UGC [complement(120381..120415)], trnA-UGC [complement(121226..121263)], trnI-GAU [complement(121329..121363)], trnI-GAU [complement(122074..122115)], ndhB [127563..128338], ndhB [129051..129807], rpl2 [133168..133560], rpl2 [134221..134652]	trnK-UUU [complement(1416..3907)], rps16 [complement(4718..5555)], trnG-UCC [complement(13111..13792)], atpF [33751..34573], ycf3 [complement(42932..43659)], ycf3 [complement(43888..44626)], trnL-UAA [47098..47646], trnV-UAC [complement(51312..51898)], petB [71375..72143], petD [72999..73738], rpl16 [complement(78116..79188)], rpl2 [complement(81561..82220)], ndhB [complement(86731..87442)], trnI-GAU [93708..94417], trnA-UGC [94556..95365], ndhA [complement(111459..112481)], trnA-UGC [complement(120416..121225)], trnI-GAU [complement(121364..122073)], ndhB [128339..129050], rpl2 [133561..134220]
3580.	TRCR	40	rps12 [complement(100374..100402)], rps12 [complement(100936..101164)], rps12 [complement(72523..72648)], trnK-UUU [complement(1787..1821)], trnK-UUU [complement(4326..4362)], trnG-GCC [9315..9337], trnG-GCC [10029..10076], trnL-UAA [49098..49134], trnL-UAA [49630..49679], trnV-UAC [complement(53640..53676)], trnV-UAC [complement(54247..54284)],	trnK-UUU [complement(1822..4325)], rps16 [complement(5298..6158)], trnG-GCC [9338..10028], atpF [complement(12492..13117)], rpoC1 [complement(22965..23689)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(72523..72648)], rps12 [142358..142597], rps12 [143125..143151], trnI-GAU [104880..104921], trnI-GAU [105639..105673], trnA-UGC [105738..105775], trnA-UGC [106587..106621], trnA-UGC [complement(136904..136938)], trnA-UGC [complement(137750..137787)], trnI-GAU [complement(137852..137886)], trnI-GAU [complement(138604..138645)]	[complement(44237..44994)], ycf3 [complement(45223..45961)], trnL-UAA [49135..49629], trnV-UAC [complement(53677..54246)], clpP [complement(73015..73644)], clpP [complement(73936..74741)], rpl2 [complement(87509..88171)], ndhB [complement(98113..98791)], trnI-GAU [104922..105638], trnA-UGC [105776..106586], trnA-UGC [complement(136939..137749)], trnI-GAU [complement(137887..138603)], ndhB [144734..145412]
3581.	TRCU	67	rps12 [complement(99701..99726)], rps12 [complement(100268..100499)], rps12 [complement(71251..71364)], trnK-UUU [complement(1392..1426)], trnK-UUU [complement(4067..4103)], rps16 [complement(4866..5075)], rps16 [complement(5858..5899)], trnG-UCC [9425..9448], trnG-UCC [10123..10170], atpF [complement(12120..12539)], atpF [complement(13337..13480)], rpoC1 [complement(21037..22698)], rpoC1 [complement(23408..23836)], ycf3 [complement(42720..42878)], ycf3 [complement(43616..43843)], ycf3 [complement(44583..44708)], trnL-UAA [47558..47592], trnL-UAA [48126..48175], trnV-UAC [54519..54557], trnV-UAC [55153..55189], rps12 [142053..142284], rps12 [142826..142851], petB [76635..76640], petB [77453..78094], petD [78300..78305], petD [79046..79522], rpl16 [complement(83194..83595)], rpl16 [complement(84619..84627)], rpl2 [complement(86566..86997)], rpl2 [complement(87659..88051)], ndhB [complement(96628..97383)], ndhB [complement(98079..98855)], trnI-GAU [104492..104533], trnI-GAU [105470..105504], trnA-UGC [105563..105600], trnA-UGC [106402..106436], ndhA [complement(120893..121423)], ndhA [complement(122499..123050)], trnA-UGC [complement(136116..136150)], trnA-UGC [complement(136952..136989)], trnI-GAU [complement(137048..137082)],	trnK-UUU [complement(1427..4066)], rps16 [complement(5076..5857)], trnG-UCC [9449..10122], atpF [complement(12540..13336)], rpoC1 [complement(22699..23407)], ycf3 [complement(42879..43615)], ycf3 [complement(43844..44582)], trnL-UAA [47593..48125], trnV-UAC [54558..55152], petB [76641..77452], petD [78306..79045], rpl16 [complement(83596..84618)], rpl2 [complement(86998..87658)], ndhB [complement(97384..98078)], trnI-GAU [104534..105469], trnA-UGC [105601..106401], ndhA [complement(121424..122498)], trnA-UGC [complement(136151..136951)], trnI-GAU [complement(137083..138018)], ndhB [144474..145168], rpl2 [154891..155554]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(138019..138060)], ndhB [143697..144473], ndhB [145169..145924], rpl2 [154501..154890], rpl2 [155555..155992]	
3582.	TRDA	57	trnK [complement(1442..1476)], trnK [complement(3950..3986)], rps16 [complement(4531..4748)], rps16 [complement(5604..5643)], trnG [complement(13778..13825)], trnG [complement(14524..14546)], atpF [35634..35778], atpF [36617..37023], trnL [49541..49575], trnL [50028..50077], trnV [complement(53715..53749)], trnV [complement(54354..54392)], rps12 [complement(69963..70076)], rps12 [130322..130553], rps12 [131094..131122], petB [73794..73799], petB [74473..75171], petD [75354..75361], petD [76105..76579], rpl16 [complement(80154..80555)], rpl16 [complement(81604..81612)], rpl2 [complement(83574..84005)], rpl2 [complement(84669..85070)], ndhB [complement(89860..90615)], ndhB [complement(91320..92096)], trnI [97578..97614], trnI [98566..98600], trnA [98666..98703], trnA [99514..99548], ndhA [complement(115008..115546)], ndhA [complement(116569..117118)], trnA [complement(124499..124533)], trnA [complement(125344..125381)], trnI [complement(125447..125481)], trnI [complement(126433..126469)], ndhB [131951..132727], ndhB [133432..134187], rpl2 [138977..139378], rpl2 [140042..140473]	trnK [complement(1477..3949)], rps16 [complement(4749..5603)], trnG [complement(13826..14523)], atpF [35779..36616], trnL [49576..50027], trnV [complement(53750..54353)], petB [73800..74472], petD [75362..76104], rpl16 [complement(80556..81603)], rpl2 [complement(84006..84668)], ndhB [complement(90616..91319)], trnI [97615..98565], trnA [98704..99513], ndhA [complement(115547..116568)], trnA [complement(124534..125343)], trnI [complement(125482..126432)], ndhB [132728..133431], rpl2 [139379..140041]
3583.	TRDE	73	rps12 [complement(100599..100624)], rps12 [complement(101166..101397)], rps12 [complement(70847..70960)], trnK-UUU [complement(1386..1420)], trnK-UUU [complement(4042..4078)], rps16 [complement(4834..5043)], rps16 [complement(5829..5870)], trnG-UCC [9341..9364], trnG-UCC [10039..10086], atpF [complement(12043..12465)], atpF [complement(13246..13389)], rpoC1 [complement(20992..22641)], rpoC1 [complement(23351..23785)], ycf3 [complement(42666..42824)], ycf3 [complement(43560..43787)], ycf3 [complement(44533..44658)], trnL-UAA [47417..47451], trnL-UAA [48003..48052], trnV-UAC [54328..54366], trnV-UAC [54969..55005], rps12 [complement(70847..70960)], rps12 [142567..142798], rps12 [143340..143365], clpP [complement(71727..72005)], clpP [complement(72675..72965)], clpP [complement(73715..73783)], petB [76736..76741], petB [77554..78195], petD [78401..78406], petD	trnK-UUU [complement(1421..4041)], rps16 [complement(5044..5828)], trnG-UCC [9365..10038], atpF [complement(12466..13245)], rpoC1 [complement(22642..23350)], ycf3 [complement(42825..43559)], ycf3 [complement(43788..44532)], trnL-UAA [47452..48002], trnV-UAC [54367..54968], clpP [complement(72006..72674)], clpP [complement(72966..73714)], petB [76742..77553], petD [78407..79146], rpl16 [complement(83556..84591)], rpl2 [complement(86923..87583)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[79147..79623], rpl16 [complement(83154..83555)], rpl16 [complement(84592..84600)], rpl2 [complement(86494..86922)], rpl2 [complement(87584..87976)], ndhB [complement(97526..98281)], ndhB [complement(98977..99753)], trnI-GAU [105382..105423], trnI-GAU [106360..106394], trnA-UGC [106453..106490], trnA-UGC [107292..107326], ndhA [complement(121688..122218)], ndhA [complement(123294..123845)], trnA-UGC [complement(136638..136672)], trnA-UGC [complement(137474..137511)], trnI-GAU [complement(137570..137604)], trnI-GAU [complement(138541..138582)], ndhB [144211..144987], ndhB [145683..146438], rpl2 [155988..156377], rpl2 [157042..157473]	[complement(98282..98976)], trnI-GAU [105424..106359], trnA-UGC [106491..107291], ndhA [complement(122219..123293)], trnA-UGC [complement(136673..137473)], trnI-GAU [complement(137605..138540)], ndhB [144988..145682], rpl2 [156378..157041]
3584.	TRDO	63	rps12 [complement(103332..103574)], rps12 [complement(74086..74199)], trnK-UUU [complement(1859..1893)], trnK-UUU [complement(4388..4424)], rps16 [complement(5478..5711)], rps16 [complement(6613..6654)], atpF [complement(12399..12809)], atpF [complement(13623..13781)], rpoC1 [complement(21958..23583)], rpoC1 [complement(24407..24838)], ycf3 [complement(45903..46055)], ycf3 [complement(46818..47045)], ycf3 [complement(47758..47883)], trnL-UAA [51022..51056], trnL-UAA [51541..51590], trnV-UAC [complement(55095..55131)], trnV-UAC [complement(55760..55797)], clpP [complement(74363..74590)], clpP [complement(75222..75515)], clpP [complement(76384..76452)], petB [79434..79439], petB [80281..80922], petD [81131..81139], petD [81780..82253], rpl16 [complement(85763..86161)], rpl16 [complement(87279..87287)], rpl2 [complement(89441..89911)], rpl2 [complement(90557..90949)], ndhB [complement(99724..100479)], ndhB [complement(101160..101936)], trnI-GAU [107375..107411], trnI-GAU [108366..108400], trnA-UGC [108465..108502], trnA-UGC [109303..109337], ndhA [complement(125515..126054)], ndhA [complement(127129..127680)], trnA-UGC [complement(139975..140009)], trnA-UGC [complement(140810..140847)], trnI-GAU [complement(140912..140946)], trnI-GAU [complement(141901..141937)], ndhB [147376..148152], ndhB [148833..149588]	trnK-UUU [complement(1894..4387)], rps16 [complement(5712..6612)], atpF [complement(12810..13622)], rpoC1 [complement(23584..24406)], ycf3 [complement(46056..46817)], ycf3 [complement(47046..47757)], trnL-UAA [51057..51540], trnV-UAC [complement(55132..55759)], clpP [complement(74591..75221)], clpP [complement(75516..76383)], petB [79440..80280], petD [81140..81779], rpl16 [complement(86162..87278)], rpl2 [complement(89912..90556)], ndhB [complement(100480..101159)], trnI-GAU [107412..108365], trnA-UGC [108503..109302], ndhA [complement(126055..127128)], trnA-UGC [complement(140010..140809)], trnI-GAU [complement(140947..141900)], ndhB [148153..148832]
3585.	TRFO	52	rps12 [103826..103939], rps12 [80847..81104], trnK-UUU	trnK-UUU [complement(1745..4217)], trnV-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(1710..1744)], trnK-UUU [complement(4218..4254)], trnV-UAC [9439..9474], trnV-UAC [10052..10088], trnL-UAA [complement(12976..13025)], trnL-UAA [complement(13462..13498)], ycf3 [16145..16270], ycf3 [17004..17229], ycf3 [17983..18137], rpoC1 [37652..38081], rpoC1 [38859..40483], atpF [48814..48957], atpF [49643..50053], trnG-UCC [complement(52240..52288)], trnG-UCC [complement(52962..52984)], trnA-UGC [complement(75967..76001)], trnA-UGC [complement(76817..76854)], trnI-GAU [complement(76925..76959)], trnI-GAU [complement(77649..77685)], ndhB [81985..82707], ndhB [83402..84157], rpl2 [87464..87854], rpl2 [88686..89119], rpl16 [90890..90898], rpl16 [92165..92563], petD [complement(96636..97110)], petD [complement(97809..97816)], petB [complement(97997..98638)], petB [complement(99507..99512)], clpP [102460..102822], clpP [103397..103621], ndhA [113880..114430], ndhA [115695..116235]	UAC [9475..10051], trnL-UAA [complement(13026..13461)], ycf3 [16271..17003], ycf3 [17230..17982], rpoC1 [38082..38858], atpF [48958..49642], trnG-UCC [complement(52289..52961)], trnA-UGC [complement(76002..76816)], trnI-GAU [complement(76960..77648)], ndhB [82708..83401], rpl2 [87855..88685], rpl16 [90899..92164], petD [complement(97111..97808)], petB [complement(98639..99506)], clpP [102823..103396], ndhA [114431..115694]
3586.	TRGA	64	rps12 [complement(88256..88284)], rps12 [complement(88825..89056)], rps12 [complement(66691..66804)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3916..3953)], rps16 [complement(4495..4712)], rps16 [complement(5554..5593)], trnG-UCC [complement(13090..13137)], trnG-UCC [complement(13830..13852)], atpF [32569..32727], atpF [33555..33962], ycf3 [complement(41749..41907)], ycf3 [complement(42636..42863)], ycf3 [complement(43584..43709)], trnL-UAA [46428..46462], trnL-UAA [47021..47070], trnV-UAC [complement(50698..50744)], trnV-UAC [complement(51332..51370)], rps12 [125002..125233], rps12 [125774..125802], petB [70525..70530], petB [71290..71937], petD [72137..72144], petD [72892..73366], rpl16 [complement(76922..77323)], rpl16 [complement(78372..78380)], rpl2 [complement(80338..80769)], rpl2 [complement(81430..81822)], ndhB [complement(85178..85934)], ndhB [complement(86648..87423)], trnI-GAU [92886..92927], trnI-GAU [93630..93664], trnA-UGC [93730..93767], trnA-UGC [94578..94612], ndhA [complement(110006..110545)], ndhA [complement(111545..112093)], trnA-UGC [complement(119446..119480)], trnA-UGC [complement(120291..120328)], trnI-GAU [complement(120394..120428)],	trnK-UUU [complement(1421..3915)], rps16 [complement(4713..5553)], trnG-UCC [complement(13138..13829)], atpF [32728..33554], ycf3 [complement(41908..42635)], ycf3 [complement(42864..43583)], trnL-UAA [46463..47020], trnV-UAC [complement(50745..51331)], petB [70531..71289], petD [72145..72891], rpl16 [complement(77324..78371)], rpl2 [complement(80770..81429)], ndhB [complement(85935..86647)], trnI-GAU [92928..93629], trnA-UGC [93768..94577], ndhA [complement(110546..111544)], trnA-UGC [complement(119481..120290)], trnI-GAU [complement(120429..121130)], ndhB [127411..128123], rpl2 [132629..133288]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(121131..121172)], ndhB [126635..127410], ndhB [128124..128880], rpl2 [132236..132628], rpl2 [133289..133720]	
3587.	TRGB	64	rps12 [complement(89060..89088)], rps12 [complement(89629..89860)], rps12 [complement(67517..67630)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3897..3934)], rps16 [complement(4483..4700)], rps16 [complement(5539..5578)], trnG-UCC [complement(13045..13092)], trnG-UCC [complement(13775..13797)], atpF [33549..33707], atpF [34529..34936], ycf3 [complement(42729..42887)], ycf3 [complement(43617..43844)], ycf3 [complement(44590..44715)], trnL-UAA [47025..47059], trnL-UAA [47609..47658], trnV-UAC [complement(51250..51296)], trnV-UAC [complement(51884..51922)], rps12 [125968..126199], rps12 [126740..126768], petB [71365..71370], petB [72153..72800], petD [73000..73007], petD [73748..74222], rpl16 [complement(77726..78127)], rpl16 [complement(79200..79208)], rpl2 [complement(81143..81574)], rpl2 [complement(82235..82627)], ndhB [complement(85987..86743)], ndhB [complement(87456..88231)], trnI-GAU [93690..93731], trnI-GAU [94442..94476], trnA-UGC [94542..94579], trnA-UGC [95390..95424], ndhA [complement(110942..111481)], ndhA [complement(112505..113053)], trnA-UGC [complement(120404..120438)], trnA-UGC [complement(121249..121286)], trnI-GAU [complement(121352..121386)], trnI-GAU [complement(122097..122138)], ndhB [127597..128372], ndhB [129085..129841], rpl2 [133201..133593], rpl2 [134254..134685]	trnK-UUU [complement(1421..3896)], rps16 [complement(4701..5538)], trnG-UCC [complement(13093..13774)], atpF [33708..34528], ycf3 [complement(42888..43616)], ycf3 [complement(43845..44589)], trnL-UAA [47060..47608], trnV-UAC [complement(51297..51883)], petB [71371..72152], petD [73008..73747], rpl16 [complement(78128..79199)], rpl2 [complement(81575..82234)], ndhB [complement(86744..87455)], trnI-GAU [93732..94441], trnA-UGC [94580..95389], ndhA [complement(111482..112504)], trnA-UGC [complement(120439..121248)], trnI-GAU [complement(121387..122096)], ndhB [128373..129084], rpl2 [133594..134253]
3588.	TRGL	26	trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4222..4258)], trnV-UAC [9357..9395], trnV-UAC [9970..10006], petD [complement(20842..20850)], trnI-GAU [72858..72899], trnI-GAU [73571..73605], trnA-UGC [73671..73708], trnA-UGC [74523..74557], trnL-UAA [complement(100964..101013)], trnL-UAA [complement(101529..101565)]	trnK-UUU [complement(1750..4221)], trnV-UAC [9396..9969], rpl2 [11378..12095], rpl16 [14182..15353], petD [complement(20132..20841)], petB [complement(21694..22515)], rpoC1 [38786..39514], atpF [49411..50074], ndhB [complement(66692..67384)], trnI-GAU [72900..73570], trnA-UGC [73709..74522], trnL-UAA [complement(101014..101528)], ycf3 [104268..104991], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[105220..106071], ndhA [114621..115840]
3589.	TRGN	65	rps12 [complement(102137..102162)], rps12 [complement(102732..102963)], rps12 [complement(74408..74521)], trnK-UUU [complement(1795..1829)], trnK-UUU [complement(4393..4429)], rps16 [complement(5095..5324)], rps16 [complement(6176..6215)], trnG-GCC [10106..10126], trnG-GCC [10854..10900], atpF [complement(12858..13268)], atpF [complement(13992..14135)], rpoC1 [complement(22164..23780)], rpoC1 [complement(24559..24990)], ycf3 [complement(45042..45194)], ycf3 [complement(45949..46178)], ycf3 [complement(46897..47020)], trnL-UAA [49604..49640], trnL-UAA [50156..50208], trnV-UAC [complement(54051..54087)], trnV-UAC [complement(54656..54694)], rps12 [complement(74408..74521)], rps12 [144837..145068], rps12 [145638..145663], petB [78330..78335], petB [79097..79738], petD [79932..79939], petD [80731..81205], rpl16 [complement(84803..85201)], rpl16 [complement(86283..86291)], rpl2 [complement(88174..88607)], rpl2 [complement(89289..89679)], ndhB [complement(99056..99811)], ndhB [complement(100491..101267)], trnI-GAU [106928..106964], trnI-GAU [107951..107983], trnA-UGC [108050..108087], trnA-UGC [108893..108927], ndhA [complement(123642..124180)], ndhA [complement(125257..125809)], trnA-UGC [complement(138873..138907)], trnA-UGC [complement(139713..139750)], trnI-GAU [complement(139815..139849)], trnI-GAU [complement(140836..140872)], ndhB [146533..147309], ndhB [147989..148744]	trnK-UUU [complement(1830..4392)], rps16 [complement(5325..6175)], trnG-GCC [10127..10853], atpF [complement(13269..13991)], rpoC1 [complement(23781..24558)], ycf3 [complement(45195..45948)], ycf3 [complement(46179..46896)], trnL-UAA [49641..50155], trnV-UAC [complement(54088..54655)], petB [78336..79096], petD [79940..80730], rpl16 [complement(85202..86282)], rpl2 [complement(88608..89288)], ndhB [complement(99812..100490)], trnI-GAU [106965..107950], trnA-UGC [108088..108892], ndhA [complement(124181..125256)], trnA-UGC [complement(138908..139712)], trnI-GAU [complement(139850..140835)], ndhB [147310..147988]
3590.	TRGO	78	rps12 [complement(98515..98540)], rps12 [complement(99082..99313)], rps12 [complement(69908..70021)], trnK-UUU [complement(1385..1419)], trnK-UUU [complement(4036..4072)], rps16 [complement(4818..5027)], rps16 [complement(5805..5846)], trnG-UCC [9486..9509], trnG-UCC [10184..10231], atpF [complement(12180..12590)], atpF [complement(13381..13524)], rpoC1 [complement(21067..22707)], rpoC1 [complement(23423..23857)], ycf3 [complement(42368..42526)], ycf3 [complement(43262..43489)], ycf3 [complement(44210..44335)], trnL-UAA [47115..47149], trnL-UAA [47672..47721], trnV-UAC	trnK-UUU [complement(1420..4035)], rps16 [complement(5028..5804)], trnG-UCC [9510..10183], atpF [complement(12591..13380)], rpoC1 [complement(22708..23422)], ycf3 [complement(42527..43261)], ycf3 [complement(43490..44209)], trnL-UAA [47150..47671], trnV-UAC [complement(51920..52519)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(51883..51919)], trnV-UAC [complement(52520..52558)], rps12 [141869..142100], rps12 [142642..142667], clpP [complement(70266..70523)], clpP [complement(71156..71446)], clpP [complement(72130..72198)], petB [75101..75106], petB [75917..76558], petD [76764..76769], petD [77510..77986], rpl16 [complement(81516..81908)], rpl16 [complement(82983..82991)], rpl2 [complement(84874..85305)], rpl2 [complement(85970..86359)], trnI-CAU [complement(86942..86967)], trnI-CAU [complement(87022..87059)], ndhB [complement(95426..96181)], ndhB [complement(96893..97666)], trnI-GAU [103289..103325], trnI-GAU [104266..104300], trnA-UGC [104360..104397], trnA-UGC [105199..105233], ndhA [complement(120973..121503)], ndhA [complement(122564..123115)], trnA-UGC [complement(135949..135983)], trnA-UGC [complement(136785..136822)], trnI-GAU [complement(136882..136916)], trnI-GAU [complement(137857..137893)], ndhB [143516..144289], ndhB [145001..145756], trnI-CAU [154123..154160], trnI-CAU [154215..154238], rpl2 [154823..155212], rpl2 [155877..156308]	[complement(70524..71155)], clpP [complement(71447..72129)], petB [75107..75916], petD [76770..77509], rpl16 [complement(81909..82982)], rpl2 [complement(85306..85969)], trnI-CAU [complement(86968..87021)], ndhB [complement(96182..96892)], trnI-GAU [103326..104265], trnA-UGC [104398..105198], ndhA [complement(121504..122563)], trnA-UGC [complement(135984..136784)], trnI-GAU [complement(136917..137856)], ndhB [144290..145000], trnI-CAU [154161..154214], rpl2 [155213..155876]
3591.	TRGR	30	trnK-UUU [complement(1855..1883)], trnK-UUU [complement(4364..4400)], trnV-UAC [9461..9499], trnV-UAC [10074..10110], trnL-UAA [complement(13022..13071)], trnL-UAA [complement(13634..13670)], rps12 [15870..15995], rps12 [complement(40469..40726)], trnI-GAU [44485..44526], trnI-GAU [45205..45239], trnA-UGC [45318..45355], trnA-UGC [46169..46203], trnG-UCC [61282..61304], trnG-UCC [61980..62028]	trnK-UUU [complement(1884..4363)], trnV-UAC [9500..10073], trnL-UAA [complement(13072..13633)], rpl2 [complement(27971..28698)], ndhB [complement(38146..38842)], trnI-GAU [44527..45204], trnA-UGC [45356..46168], trnG-UCC [61305..61979], atpF [complement(64534..65222)], rpoC1 [complement(74916..75694)], ycf3 [complement(96009..96753)], ycf3 [complement(96982..97699)], clpP [complement(99058..99662)], petB [102821..103662], petD [104502..105210], ndhA [113891..115139]
3592.	TRHI	64	rps12 [complement(86679..86707)], rps12 [complement(87248..87479)], rps12 [complement(65602..65715)], trnK-UUU [complement(1377..1409)],	trnK-UUU [complement(1410..3867)], rps16 [complement(4670..5469)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3868..3905)], rps16 [complement(4452..4669)], rps16 [complement(5470..5509)], trnG-UCC [complement(12637..12684)], trnG-UCC [complement(13366..13388)], atpF [32105..32263], atpF [33051..33458], ycf3 [complement(41095..41253)], ycf3 [complement(41960..42187)], ycf3 [complement(42928..43053)], trnL-UAA [45630..45664], trnL-UAA [46192..46241], trnV-UAC [complement(49601..49647)], trnV-UAC [complement(50223..50261)], rps12 [123545..123776], rps12 [124317..124345], petB [69477..69482], petB [70271..70918], petD [71111..71118], petD [71851..72325], rpl16 [complement(75857..76258)], rpl16 [complement(77209..77217)], rpl2 [complement(79153..79584)], rpl2 [complement(80249..80638)], ndhB [complement(83602..84358)], ndhB [complement(85075..85850)], trnI-GAU [91354..91395], trnI-GAU [92106..92140], trnA-UGC [92206..92243], trnA-UGC [93054..93088], ndhA [complement(108416..108955)], ndhA [complement(109988..110536)], trnA-UGC [complement(117936..117970)], trnA-UGC [complement(118781..118818)], trnI-GAU [complement(118884..118918)], trnI-GAU [complement(119629..119670)], ndhB [125174..125950], ndhB [126667..127422], rpl2 [130386..130775], rpl2 [131440..131871]	[complement(12685..13365)], atpF [32264..33050], ycf3 [complement(41254..41959)], ycf3 [complement(42188..42927)], trnL-UAA [45665..46191], trnV-UAC [complement(49648..50222)], petB [69483..70270], petD [71119..71850], rpl16 [complement(76259..77208)], rpl2 [complement(79585..80248)], ndhB [complement(84359..85074)], trnI-GAU [91396..92105], trnA-UGC [92244..93053], ndhA [complement(108956..109987)], trnA-UGC [complement(117971..118780)], trnI-GAU [complement(118919..119628)], ndhB [125951..126666], rpl2 [130776..131439]
3593.	TRH M	61	rps12 [complement(100946..100977)], rps12 [complement(101514..101751)], rps12 [complement(73984..74097)], trnK-UUU [complement(1693..1727)], trnK-UUU [complement(4260..4296)], rps16 [complement(4883..5112)], rps16 [complement(5968..6007)], trnG-GCC [9849..9871], trnG-GCC [10585..10631], atpF [complement(12597..13007)], atpF [complement(13759..13902)], rpoC1 [complement(21934..23544)], rpoC1 [complement(24331..24762)], ycf3 [complement(44357..44511)], ycf3 [complement(45268..45493)], ycf3 [complement(46227..46352)], trnL-UAA [48977..49013], trnL-UAA [49520..49569], trnV-UAC [complement(53407..53442)], trnV-UAC [complement(54020..54059)], rps12 [141992..142223], rps12 [142760..142791], rpoA [complement(80864..81089)], rpoA [complement(81101..81882)], rpl2 [complement(87490..87926)], rpl2 [complement(88585..88978)], rpl23 [complement(88997..89155)], rpl23 [complement(89209..89331)], ndhB	trnK-UUU [complement(1728..4259)], rps16 [complement(5113..5967)], trnG-GCC [9872..10584], atpF [complement(13008..13758)], rpoC1 [complement(23545..24330)], ycf3 [complement(44512..45267)], ycf3 [complement(45494..46226)], trnL-UAA [49014..49519], trnV-UAC [complement(53443..54019)], rpoA [complement(81090..81100)], rpl2 [complement(87927..88584)], rpl23 [complement(89156..89208)], ndhB [complement(98508..99303)], trnI-GAU [105737..106679], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(97869..98507)], ndhB [complement(99304..100080)], trnI-GAU [105695..105736], trnI-GAU [106680..106714], trnA-UGC [106781..106818], trnA-UGC [107628..107662], ndhA [complement(121513..122049)], ndhA [complement(123146..123697)], trnA-UGC [complement(136077..136111)], trnA-UGC [complement(136921..136958)], trnI-GAU [complement(137023..137057)], trnI-GAU [complement(138001..138042)], ndhB [143657..144433], ndhB [145230..145868]	[106819..107627], ndhA [complement(122050..123145)], trnA-UGC [complement(136112..136920)], trnI-GAU [complement(137058..138000)], ndhB [144434..145229]
3594.	TRHU	62	rps12 [complement(90980..91008)], rps12 [complement(91549..91780)], rps12 [complement(67969..68082)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3879..3916)], rps16 [complement(4499..4716)], rps16 [complement(5434..5473)], trnG-UCC [complement(13014..13061)], trnG-UCC [complement(13748..13770)], atpF [33395..33553], atpF [34372..34779], ycf3 [complement(42626..42784)], ycf3 [complement(43516..43743)], ycf3 [complement(44482..44613)], trnL-UAA [47371..47405], trnL-UAA [47952..48001], trnV-UAC [complement(51580..51616)], trnV-UAC [complement(52213..52251)], petB [71807..71812], petB [72562..73209], petD [73392..73399], petD [74139..74613], rpl16 [complement(78188..78589)], rpl16 [complement(79643..79651)], rpl2 [complement(81600..82031)], rpl2 [complement(82695..83084)], ndhB [complement(87911..88666)], ndhB [complement(89379..90155)], trnI-GAU [95605..95646], trnI-GAU [96592..96626], trnA-UGC [96692..96729], trnA-UGC [97540..97574], ndhA [complement(113079..113618)], ndhA [complement(114654..115202)], trnA-UGC [complement(122551..122585)], trnA-UGC [complement(123396..123433)], trnI-GAU [complement(123499..123533)], trnI-GAU [complement(124479..124520)], ndhB [129970..130746], ndhB [131459..132214], rpl2 [137041..137430], rpl2 [138094..138525]	trnK-UUU [complement(1411..3878)], rps16 [complement(4717..5433)], trnG-UCC [complement(13062..13747)], atpF [33554..34371], ycf3 [complement(42785..43515)], ycf3 [complement(43744..44481)], trnL-UAA [47406..47951], trnV-UAC [complement(51617..52212)], petB [71813..72561], petD [73400..74138], rpl16 [complement(78590..79642)], rpl2 [complement(82032..82694)], ndhB [complement(88667..89378)], trnI-GAU [95647..96591], trnA-UGC [96730..97539], ndhA [complement(113619..114653)], trnA-UGC [complement(122586..123395)], trnI-GAU [complement(123534..124478)], ndhB [130747..131458], rpl2 [137431..138093]
3595.	TRIN	67	rps12 [complement(97738..97763)], rps12 [complement(98296..98527)], rps12 [complement(70836..70949)], trnK-UUU [complement(1774..1808)], trnK-UUU [complement(4371..4407)], rps16 [complement(5136..5365)], rps16 [complement(6121..6160)], trnG-GCC [9053..9076], trnG-GCC [9855..9901], atpF [complement(11829..12238)], atpF [complement(12947..13091)], rpoC1 [complement(20876..22504)], rpoC1 [complement(23286..23723)], ycf3	trnK-UUU [complement(1809..4370)], rps16 [complement(5366..6120)], trnG-GCC [9077..9854], atpF [complement(12239..12946)], rpoC1 [complement(22505..23285)], ycf3 [complement(42888..43675)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42735..42887)], ycf3 [complement(43676..43905)], ycf3 [complement(44641..44764)], trnL-UAA [47321..47355], trnL-UAA [47827..47876], trnV-UAC [complement(51671..51707)], trnV-UAC [complement(52276..52314)], rps12 [151321..151552], rps12 [152085..152110], petB [75168..75173], petB [75975..76616], petD [76811..76818], petD [77541..78027], rpl16 [complement(81593..82021)], rpl16 [complement(82761..82769)], rpl2 [complement(84476..84906)], rpl2 [complement(85566..85956)], ndhB [complement(94688..95449)], ndhB [complement(96161..96940)], trnI-GAU [102413..102449], trnI-GAU [103398..103432], trnA-UGC [103492..103529], trnA-UGC [104320..104354], ndhA [complement(131687..132225)], ndhA [complement(133115..133667)], trnA-UGC [complement(145494..145528)], trnA-UGC [complement(146319..146356)], trnI-GAU [complement(146416..146450)], trnI-GAU [complement(147399..147435)], ndhB [152908..153687], ndhB [154399..155160], rpl2 [163892..164284], rpl2 [164941..165372]	[complement(43906..44640)], trnL-UAA [47356..47826], trnV-UAC [complement(51708..52275)], petB [75174..75974], petD [76819..77540], rpl16 [complement(82022..82760)], rpl2 [complement(84907..85565)], ndhB [complement(95450..96160)], trnI-GAU [102450..103397], trnA-UGC [103530..104319], ndhA [complement(132226..133114)], trnA-UGC [complement(145529..146318)], trnI-GAU [complement(146451..147398)], ndhB [153688..154398], rpl2 [164285..164940]
3596.	TRKA	1	rps12 [149852..149877]	-
3597.	TRKI	67	rps12 [complement(100155..100181)], rps12 [complement(100719..100952)], rps12 [complement(71836..71949)], trnK-UUU [complement(1718..1754)], trnK-UUU [complement(4253..4289)], rps16 [complement(5234..5448)], rps16 [complement(6284..6323)], atpF [complement(13011..13421)], atpF [complement(14110..14253)], rpoC1 [complement(22018..23628)], rpoC1 [complement(24379..24810)], ycf3 [complement(44928..45082)], ycf3 [complement(45826..46051)], ycf3 [complement(46793..46918)], trnL-UAA [49779..49816], trnL-UAA [50332..50378], trnV [complement(53979..54000)], trnV [complement(54587..54624)], rps12 [complement(71836..71949)], rps12 [143008..143241], rps12 [143779..143805], clpP [complement(72122..72349)], clpP [complement(72970..73261)], clpP [complement(74092..74162)], petB [77100..77105], petB [77879..78520], petD [78713..78720], petD [79449..79923], rpl2 [complement(86536..86969)], rpl2 [complement(87635..88025)], ndhB [complement(97087..97842)], ndhB [complement(98529..99305)], trnI-GAU [104702..104737], trnI-GAU	trnK-UUU [complement(1755..4252)], rps16 [complement(5449..6283)], atpF [complement(13422..14109)], rpoC1 [complement(23629..24378)], ycf3 [complement(45083..45825)], ycf3 [complement(46052..46792)], trnL-UAA [49817..50331], trnV [complement(54001..54586)], clpP [complement(72350..72969)], clpP [complement(73262..74091)], petB [77106..77878], petD [78721..79448], rpl2 [complement(86970..87634)], ndhB [complement(97843..98528)], trnI-GAU [104738..105696], trnA-UGC [105841..106641], ndhA [complement(123184..124331)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[105697..105731], trnA-UGC [105804..105840], trnA-UGC [106642..106677], ndhA [complement(122643..123183)], ndhA [complement(124332..124882)], trnA-UGC [complement(137283..137318)], trnA-UGC [complement(138120..138156)], trnI-GAU [complement(138229..138263)], trnI-GAU [complement(139222..139258)], ndhB [144655..145431], ndhB [146118..146873], rpl2 [155935..156325], rpl2 [156991..157424]	[complement(137319..138119)], trnI-GAU [complement(138264..139221)], ndhB [145432..146117], rpl2 [156326..156990]
3598.	TRLA	64	rps12 [complement(89263..89291)], rps12 [complement(89832..90063)], rps12 [complement(67713..67826)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3927..3964)], rps16 [complement(4514..4731)], rps16 [complement(5562..5601)], trnG-UCC [complement(13082..13129)], trnG-UCC [complement(13812..13834)], atpF [33675..33833], atpF [34655..35062], ycf3 [complement(42879..43037)], ycf3 [complement(43767..43994)], ycf3 [complement(44742..44867)], trnL-UAA [47181..47215], trnL-UAA [47765..47814], trnV-UAC [complement(51438..51484)], trnV-UAC [complement(52072..52110)], rps12 [126165..126396], rps12 [126937..126965], petB [71562..71567], petB [72347..72994], petD [73199..73206], petD [73947..74421], rpl16 [complement(77920..78321)], rpl16 [complement(79397..79405)], rpl2 [complement(81341..81772)], rpl2 [complement(82433..82825)], ndhB [complement(86190..86946)], ndhB [complement(87659..88434)], trnI-GAU [93888..93929], trnI-GAU [94640..94674], trnA-UGC [94740..94777], trnA-UGC [95588..95622], ndhA [complement(111144..111683)], ndhA [complement(112707..113255)], trnA-UGC [complement(120606..120640)], trnA-UGC [complement(121451..121488)], trnI-GAU [complement(121554..121588)], trnI-GAU [complement(122299..122340)], ndhB [127794..128569], ndhB [129282..130038], rpl2 [133403..133795], rpl2 [134456..134887]	trnK-UUU [complement(1421..3926)], rps16 [complement(4732..5561)], trnG-UCC [complement(13130..13811)], atpF [33834..34654], ycf3 [complement(43038..43766)], ycf3 [complement(43995..44741)], trnL-UAA [47216..47764], trnV-UAC [complement(51485..52071)], petB [71568..72346], petD [73207..73946], rpl16 [complement(78322..79396)], rpl2 [complement(81773..82432)], ndhB [complement(86947..87658)], trnI-GAU [93930..94639], trnA-UGC [94778..95587], ndhA [complement(111684..112706)], trnA-UGC [complement(120641..121450)], trnI-GAU [complement(121589..122298)], ndhB [128570..129281], rpl2 [133796..134455]
3599.	TRLE	64	rps12 [complement(90780..90808)], rps12 [complement(91349..91580)], rps12 [complement(67751..67864)], trnK-UUU [complement(1380..1412)], trnK-UUU [complement(3884..3921)], rps16 [complement(4502..4719)], rps16 [complement(5438..5477)], trnG-UCC [complement(12981..13028)], trnG-UCC [complement(13716..13738)], atpF [33155..33313], atpF [34131..34538], ycf3 [complement(42368..42526)], ycf3 [complement(43260..43487)], ycf3	trnK-UUU [complement(1413..3883)], rps16 [complement(4720..5437)], trnG-UCC [complement(13029..13715)], atpF [33314..34130], ycf3 [complement(42527..43259)], ycf3 [complement(43488..44230)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44231..44356)], trnL-UAA [47094..47129], trnL-UAA [47674..47726], trnV-UAC [complement(51309..51355)], trnV-UAC [complement(51948..51986)], rps12 [128125..128356], rps12 [128897..128925], petB [71570..71575], petB [72338..72985], petD [73170..73177], petD [73911..74385], rpl16 [complement(77947..78348)], rpl16 [complement(79397..79405)], rpl2 [complement(81363..81794)], rpl2 [complement(82455..82847)], ndhB [complement(87711..88467)], ndhB [complement(89180..89955)], trnI-GAU [95414..95455], trnI-GAU [96401..96435], trnA-UGC [96501..96538], trnA-UGC [97349..97383], ndhA [complement(112856..113395)], ndhA [complement(114424..114972)], trnA-UGC [complement(122322..122356)], trnA-UGC [complement(123167..123204)], trnI-GAU [complement(123270..123304)], trnI-GAU [complement(124250..124291)], ndhB [129750..130526], ndhB [131239..131994], rpl2 [136858..137250], rpl2 [137911..138342]	[47130..47673], trnV-UAC [complement(51356..51947)], petB [71576..72337], petD [73178..73910], rpl16 [complement(78349..79396)], rpl2 [complement(81795..82454)], ndhB [complement(88468..89179)], trnI-GAU [95456..96400], trnA-UGC [96539..97348], ndhA [complement(113396..114423)], trnA-UGC [complement(122357..123166)], trnI-GAU [complement(123305..124249)], ndhB [130527..131238], rpl2 [137251..137910]
3600.	TRLL	64	rps12 [complement(88234..88262)], rps12 [complement(88808..89039)], rps12 [complement(66575..66688)], trnK-UUU [complement(1393..1427)], trnK-UUU [complement(3896..3932)], rps16 [complement(4470..4687)], rps16 [complement(5528..5567)], trnG-UCC [complement(12442..12489)], trnG-UCC [complement(13177..13199)], atpF [32624..32768], atpF [33603..34009], ycf3 [complement(41792..41950)], ycf3 [complement(42681..42910)], ycf3 [complement(43512..43635)], trnL-UAA [46166..46200], trnL-UAA [46758..46807], trnV-UAC [complement(50356..50390)], trnV-UAC [complement(50996..51034)], rps12 [124496..124727], rps12 [125273..125301], petB [70463..70468], petB [71242..71883], petD [72083..72090], petD [72832..73306], rpl16 [complement(76848..77249)], rpl16 [complement(78323..78331)], rpl2 [complement(80284..80714)], rpl2 [complement(81377..81767)], ndhB [complement(85161..85916)], ndhB [complement(86629..87405)], trnI-GAU [92872..92908], trnI-GAU [93625..93659], trnA-UGC [93725..93762], trnA-UGC [94573..94607], ndhA [complement(109800..110329)], ndhA [complement(111352..111901)], trnA-UGC [complement(118928..118962)], trnA-UGC [complement(119773..119810)], trnI-GAU [complement(119876..119910)],	trnK-UUU [complement(1428..3895)], rps16 [complement(4688..5527)], trnG-UCC [complement(12490..13176)], atpF [32769..33602], ycf3 [complement(41951..42680)], ycf3 [complement(42911..43511)], trnL-UAA [46201..46757], trnV-UAC [complement(50391..50995)], petB [70469..71241], petD [72091..72831], rpl16 [complement(77250..78322)], rpl2 [complement(80715..81376)], ndhB [complement(85917..86628)], trnI-GAU [92909..93624], trnA-UGC [93763..94572], ndhA [complement(110330..111351)], trnA-UGC [complement(118963..119772)], trnI-GAU [complement(119911..120626)], ndhB [126907..127618], rpl2 [132159..132820]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(120627..120663)], ndhB [126130..126906], ndhB [127619..128374], rpl2 [131768..132158], rpl2 [132821..133251]	
3601.	TRLO	64	rps12 [complement(88830..88858)], rps12 [complement(89399..89630)], rps12 [complement(67286..67399)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3911..3948)], rps16 [complement(4497..4714)], rps16 [complement(5553..5592)], trnG-UCC [complement(12896..12943)], trnG-UCC [complement(13626..13648)], atpF [33458..33616], atpF [34441..34848], ycf3 [complement(42561..42719)], ycf3 [complement(43449..43676)], ycf3 [complement(44419..44544)], trnL-UAA [46856..46890], trnL-UAA [47440..47489], trnV-UAC [complement(51088..51134)], trnV-UAC [complement(51722..51760)], rps12 [125137..125368], rps12 [125909..125937], petB [71135..71140], petB [71922..72569], petD [72764..72771], petD [73512..73986], rpl16 [complement(77490..77891)], rpl16 [complement(78965..78973)], rpl2 [complement(80908..81339)], rpl2 [complement(82000..82392)], ndhB [complement(85757..86513)], ndhB [complement(87226..88001)], trnI-GAU [93145..93186], trnI-GAU [93897..93931], trnA-UGC [93997..94034], trnA-UGC [94845..94879], ndhA [complement(110424..110963)], ndhA [complement(111990..112538)], trnA-UGC [complement(119888..119922)], trnA-UGC [complement(120733..120770)], trnI-GAU [complement(120836..120870)], trnI-GAU [complement(121581..121622)], ndhB [126766..127541], ndhB [128254..129010], rpl2 [132375..132767], rpl2 [133428..133859]	trnK-UUU [complement(1421..3910)], rps16 [complement(4715..5552)], trnG-UCC [complement(12944..13625)], atpF [33617..34440], ycf3 [complement(42720..43448)], ycf3 [complement(43677..44418)], trnL-UAA [46891..47439], trnV-UAC [complement(51135..51721)], petB [71141..71921], petD [72772..73511], rpl16 [complement(77892..78964)], rpl2 [complement(81340..81999)], ndhB [complement(86514..87225)], trnI-GAU [93187..93896], trnA-UGC [94035..94844], ndhA [complement(110964..111989)], trnA-UGC [complement(119923..120732)], trnI-GAU [complement(120871..121580)], ndhB [127542..128253], rpl2 [132768..133427]
3602.	TRM A	17	atpF [32857..33001], atpF [33827..34233], ycf3 [complement(42066..42224)], ycf3 [complement(42956..43185)], ycf3 [complement(43939..44065)], ndhB [complement(85667..86424)], ndhB [complement(87134..87911)], ndhA [complement(111247..111785)], ndhA [complement(112819..113371)], ndhB [127993..128767], ndhB [129480..130237]	atpF [33002..33826], ycf3 [complement(42225..42955)], ycf3 [complement(43186..43938)], ndhB [complement(86425..87133)], ndhA [complement(111786..112818)], ndhB [128768..129479]
3603.	TRMC	70	rps12 [complement(100235..100260)], rps12 [complement(100802..101033)], rps12 [complement(71581..71694)], trnK-UUU [complement(1397..1431)], trnK-UUU [complement(4072..4108)], rps16 [complement(4874..5083)], rps16 [complement(5866..5907)], trnG-UCC [9433..9456], trnG-UCC	trnK-UUU [complement(1432..4071)], rps16 [complement(5084..5865)], trnG-UCC [9457..10130], atpF [complement(12539..13345)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10131..10178], atpF [complement(12128..12538)], atpF [complement(13346..13489)], rpoC1 [complement(21049..22710)], rpoC1 [complement(23420..23848)], ycf3 [complement(42725..42883)], ycf3 [complement(43621..43848)], ycf3 [complement(44587..44712)], trnL-UAA [47562..47596], trnL-UAA [48130..48179], trnV-UAC [54541..54579], trnV-UAC [55175..55211], clpP [complement(71941..72219)], clpP [complement(72925..73215)], clpP [complement(73964..74032)], petB [77003..77008], petB [77821..78462], petD [78668..78673], petD [79414..79890], rpl16 [complement(83562..83963)], rpl16 [complement(84987..84995)], rpl2 [complement(86928..87365)], rpl2 [complement(88030..88419)], ndhB [complement(97162..97917)], ndhB [complement(98613..99389)], trnI-GAU [105026..105062], trnI-GAU [106004..106038], trnA-UGC [106097..106134], trnA-UGC [106936..106970], ndhA [complement(121429..121959)], ndhA [complement(123035..123586)], trnA-UGC [complement(136704..136738)], trnA-UGC [complement(137540..137577)], trnI-GAU [complement(137636..137670)], trnI-GAU [complement(138612..138648)], ndhB [144285..145061], ndhB [145757..146512], rpl2 [155255..155647], rpl2 [156309..156746]	[complement(22711..23419)], ycf3 [complement(42884..43620)], ycf3 [complement(43849..44586)], trnL-UAA [47597..48129], trnV-UAC [54580..55174], clpP [complement(72220..72924)], clpP [complement(73216..73963)], petB [77009..77820], petD [78674..79413], rpl16 [complement(83964..84986)], rpl2 [complement(87366..88029)], ndhB [complement(97918..98612)], trnI-GAU [105063..106003], trnA-UGC [106135..106935], ndhA [complement(121960..123034)], trnA-UGC [complement(136739..137539)], trnI-GAU [complement(137671..138611)], ndhB [145062..145756], rpl2 [155648..156308]
3604.	TRME	28	rps12 [2780..2896], rps12 [complement(79639..79902)], trnL-UAA [complement(44518..44567)], trnL-UAA [complement(45110..45146)], trnV-UAC [51715..51753], trnV-UAC [52326..52362], trnI-GAU [83763..83804], trnI-GAU [84485..84519], trnA-UGC [84575..84612], trnA-UGC [85426..85460], trnK-UUU [133761..133797], trnK-UUU [136268..136296]	trnL-UAA [complement(44568..45109)], trnV-UAC [51754..52325], rpl2 [53656..54372], rpl16 [57069..58190], ycf3 [63024..63752], ycf3 [63981..64729], ndhA [complement(72042..73275)], ndhB [complement(77329..78013)], trnI-GAU [83805..84484], trnA-UGC [84613..85425], rpoC1 [102918..103707], clpP [106333..106941], atpF [117888..118565], petD [complement(124626..124998)], petB [complement(126190..127012)], trnK-UUU [133798..136267]
3605.	TRMI	64	rps12 [complement(88365..88393)], rps12 [complement(88934..89165)], rps12 [complement(66850..66963)], trnK-UUU [complement(1385..1419)],	trnK-UUU [complement(1420..3863)], rps16 [complement(4701..5532)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3864..3900)], rps16 [complement(4483..4700)], rps16 [complement(5533..5572)], trnG-UCC [complement(12907..12954)], trnG-UCC [complement(13651..13673)], atpF [32766..32910], atpF [33759..34165], ycf3 [complement(41920..42078)], ycf3 [complement(42809..43038)], ycf3 [complement(43778..43901)], trnL-UAA [46516..46550], trnL-UAA [47092..47141], trnV-UAC [complement(50588..50622)], trnV-UAC [complement(51221..51259)], rps12 [125298..125529], rps12 [126070..126098], petB [70685..70690], petB [71475..72116], petD [72299..72306], petD [73047..73521], rpl16 [complement(77060..77482)], rpl16 [complement(78495..78503)], rpl2 [complement(80451..80881)], rpl2 [complement(81545..81935)], ndhB [complement(85292..86047)], ndhB [complement(86760..87536)], trnI-GAU [93005..93041], trnI-GAU [93757..93791], trnA-UGC [93857..93894], trnA-UGC [94705..94739], ndhA [complement(110277..110815)], ndhA [complement(111823..112372)], trnA-UGC [complement(119724..119758)], trnA-UGC [complement(120569..120606)], trnI-GAU [complement(120672..120706)], trnI-GAU [complement(121422..121458)], ndhB [126927..127703], ndhB [128416..129171], rpl2 [132528..132918], rpl2 [133582..134012]	[complement(12955..13650)], atpF [32911..33758], ycf3 [complement(42079..42808)], ycf3 [complement(43039..43777)], trnL-UAA [46551..47091], trnV-UAC [complement(50623..51220)], petB [70691..71474], petD [72307..73046], rpl16 [complement(77483..78494)], rpl2 [complement(80882..81544)], ndhB [complement(86048..86759)], trnI-GAU [93042..93756], trnA-UGC [93895..94704], ndhA [complement(110816..111822)], trnA-UGC [complement(119759..120568)], trnI-GAU [complement(120707..121421)], ndhB [127704..128415], rpl2 [132919..133581]
3606.	TRML	64	rps12 [complement(89064..89092)], rps12 [complement(89633..89864)], rps12 [complement(67525..67638)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3929..3966)], rps16 [complement(4515..4732)], rps16 [complement(5571..5610)], trnG-UCC [complement(13089..13136)], trnG-UCC [complement(13813..13835)], atpF [33621..33779], atpF [34601..35008], ycf3 [complement(42793..42951)], ycf3 [complement(43681..43908)], ycf3 [complement(44656..44781)], trnL-UAA [47091..47125], trnL-UAA [47675..47724], trnV-UAC [complement(51297..51343)], trnV-UAC [complement(51931..51969)], rps12 [125973..126204], rps12 [126745..126773], petB [71374..71379], petB [72158..72805], petD [73005..73012], petD [73753..74227], rpl16 [complement(77726..78127)], rpl16 [complement(79199..79207)], rpl2 [complement(81142..81573)], rpl2 [complement(82234..82626)], ndhB [complement(85991..86747)], ndhB [complement(87460..88235)], trnI-GAU [93694..93735], trnI-GAU	trnK-UUU [complement(1421..3928)], rps16 [complement(4733..5570)], trnG-UCC [complement(13137..13812)], atpF [33780..34600], ycf3 [complement(42952..43680)], ycf3 [complement(43909..44655)], trnL-UAA [47126..47674], trnV-UAC [complement(51344..51930)], petB [71380..72157], petD [73013..73752], rpl16 [complement(78128..79198)], rpl2 [complement(81574..82233)], ndhB [complement(86748..87459)], trnI-GAU [93736..94445], trnA-UGC [94584..95393], ndhA [complement(111487..112509)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[94446..94480], trnA-UGC [94546..94583], trnA-UGC [95394..95428], ndhA [complement(110947..111486)], ndhA [complement(112510..113058)], trnA-UGC [complement(120409..120443)], trnA-UGC [complement(121254..121291)], trnI-GAU [complement(121357..121391)], trnI-GAU [complement(122102..122143)], ndhB [127602..128377], ndhB [129090..129846], rpl2 [133211..133603], rpl2 [134264..134695]	UGC [complement(120444..121253)], trnI-GAU [complement(121392..122101)], ndhB [128378..129089], rpl2 [133604..134263]
3607.	TRM N	64	rps12 [complement(91482..91510)], rps12 [complement(92051..92282)], rps12 [complement(68641..68754)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3902..3939)], rps16 [complement(4485..4702)], rps16 [complement(5530..5569)], trnG-UCC [complement(13249..13296)], trnG-UCC [complement(13976..13998)], atpF [34639..34797], atpF [35600..36007], ycf3 [complement(43796..43954)], ycf3 [complement(44706..44933)], ycf3 [complement(45664..45795)], trnL [48515..48549], trnL [49092..49141], trnV-UAC [complement(52324..52360)], trnV-UAC [complement(52964..53002)], rps12 [128821..129052], rps12 [129593..129621], petB [72512..72517], petB [73268..73915], petD [74104..74111], petD [74842..75316], rpl16 [complement(78866..79267)], rpl16 [complement(80150..80158)], rpl2 [complement(82115..82546)], rpl2 [complement(83210..83599)], ndhB [complement(88420..89175)], ndhB [complement(89886..90662)], trnI-GAU [96135..96176], trnI-GAU [97129..97163], trnA-UGC [97229..97266], trnA-UGC [98077..98111], ndhA [complement(113545..114084)], ndhA [complement(115088..115627)], trnA-UGC [complement(122992..123026)], trnA-UGC [complement(123837..123874)], trnI-GAU [complement(123940..123974)], trnI-GAU [complement(124927..124968)], ndhB [130441..131217], ndhB [131928..132683], rpl2 [137504..137893], rpl2 [138557..138988]	trnK-UUU [complement(1410..3901)], rps16 [complement(4703..5529)], trnG-UCC [complement(13297..13975)], atpF [34798..35599], ycf3 [complement(43955..44705)], ycf3 [complement(44934..45663)], trnL [48550..49091], trnV-UAC [complement(52361..52963)], petB [72518..73267], petD [74112..74841], rpl16 [complement(79268..80149)], rpl2 [complement(82547..83209)], ndhB [complement(89176..89885)], trnI-GAU [96177..97128], trnA-UGC [97267..98076], ndhA [complement(114085..115087)], trnA-UGC [complement(123027..123836)], trnI-GAU [complement(123975..124926)], ndhB [131218..131927], rpl2 [137894..138556]
3608.	TRM O	29	rps12 [complement(91333..91605)], trnK-UUU [complement(1365..1397)], trnK-UUU [complement(3897..3934)], rps16 [complement(4536..4748)], atpF [33872..34279], ycf3 [complement(42100..42258)], trnL-UAA [46708..46742], trnL-UAA [47323..47372], trnV-UAC [complement(50987..51023)], trnV-UAC [complement(51620..51658)], ndhB [complement(87707..88462)], trnI-GAU [95396..95437], trnI-GAU [96239..96273], trnA-UGC [96339..96376],	trnK-UUU [complement(1398..3896)], rps16 [complement(4749..5538)], atpF [33059..33871], ycf3 [complement(42259..42984)], ycf3 [complement(43213..43964)], trnL-UAA [46743..47322], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [97182..97216], ndhH [complement(115425..116399)], ndhA [complement(113310..113849)]	[complement(51024..51619)], ndhB [complement(88463..89174)], trnI-GAU [95438..96238], trnA-UGC [96377..97181], ndhH [103596..115424], ndhA [complement(113850..114874)]
3609.	TRMR	66	rps12 [complement(99084..99113)], rps12 [complement(99647..99886)], rps12 [complement(70429..70542)], trnK-UUU [complement(1432..1465)], trnK-UUU [complement(4086..4121)], rps16 [complement(4805..5012)], rps16 [complement(5862..5905)], trnG-UCC [9674..9697], trnG-UCC [10394..10430], atpF [complement(12340..12751)], atpF [complement(13507..13664)], rpoC1 [complement(21571..23187)], rpoC1 [complement(23938..24369)], ycf3 [complement(42759..42919)], ycf3 [complement(43653..43878)], ycf3 [complement(44605..44730)], trnL-UAA [47766..47800], trnL-UAA [48321..48370], trnV-UAC [51419..51455], trnV-UAC [52052..52090], rps12 [141050..141307], rps12 [141841..141870], clpP [complement(70696..70947)], clpP [complement(71640..71931)], clpP [complement(72714..72784)], rpl16 [complement(82141..82551)], rpl16 [complement(83630..83638)], rpl2 [complement(85586..86017)], rpl2 [complement(86679..87062)], ndhB [complement(96013..96771)], ndhB [complement(97434..98246)], trnI-GAU [103855..103896], trnI-GAU [104827..104861], trnA-UGC [104926..104963], trnA-UGC [105769..105803], ndhA [complement(120750..121292)], ndhA [complement(122346..122894)], trnA-UGC [complement(135151..135185)], trnA-UGC [complement(135991..136028)], trnI-GAU [136093..136127], trnI-GAU [137058..137099], ndhB [142708..143520], ndhB [144183..144941], rpl2 [153892..154275], rpl2 [154937..155368]	trnK-UUU [complement(1466..4085)], rps16 [complement(5013..5861)], trnG-UCC [9698..10393], atpF [complement(12752..13506)], rpoC1 [complement(23188..23937)], ycf3 [complement(42920..43652)], ycf3 [complement(43879..44604)], trnL-UAA [47801..48320], trnV-UAC [51456..52051], clpP [complement(70948..71639)], clpP [complement(71932..72713)], rpl16 [complement(82552..83629)], rpl2 [complement(86018..86678)], ndhB [complement(96772..97433)], trnI-GAU [103897..104826], trnA-UGC [104964..105768], ndhA [complement(121293..122345)], trnA-UGC [complement(135186..135990)], trnI-GAU [136128..137057], ndhB [143521..144182], rpl2 [154276..154936]
3610.	TRM X	35	rps12 [complement(101007..101033)], rps12 [complement(101580..101810)], rps12 [complement(73900..74013)], trnK-UUU [complement(1745..1779)], trnK-UUU [complement(4289..4325)], trnL-UAA [49625..49661], trnL-UAA [50180..50229], trnV-UAC [complement(54492..54528)], trnV-UAC [complement(55126..55163)], trnI-GAU [105353..105394], trnI-GAU [106133..106167], trnA-UGC [106239..106276], trnA-UGC [107079..107113],	trnK-UUU [complement(1780..4288)], rps16 [complement(5417..6284)], atpF [complement(13100..13789)], rpoC1 [complement(23676..24391)], trnL-UAA [49662..50179], trnV-UAC [complement(54529..55125)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(136993..137027)], trnA-UGC [complement(137830..137867)], trnI-GAU [complement(137939..137973)], trnI-GAU [complement(138712..138753)]	[complement(74448..75053)], clpP [complement(75345..76167)], petB [79188..79977], petD [80827..81577], rpl16 [complement(85991..87004)], ndhB [complement(98698..99382)], trnI-GAU [105395..106132], trnA-UGC [106277..107078], ndhA [complement(123041..124097)], trnA-UGC [complement(137028..137829)], trnI-GAU [complement(137974..138711)], ndhB [144724..145408]
3611.	TRNA	67	rps12 [complement(100950..100976)], rps12 [complement(101523..101753)], rps12 [complement(73840..73953)], trnK [complement(1702..1736)], trnK [complement(4247..4283)], rps16 [complement(5139..5362)], rps16 [complement(6231..6270)], trnG [9571..9593], trnG [10338..10386], atpF [complement(12579..12988)], atpF [complement(13755..13899)], rpoC1 [complement(22019..23626)], rpoC1 [complement(24367..24798)], ycf3 [complement(44832..44984)], ycf3 [complement(45741..45970)], ycf3 [complement(46737..46860)], trnL [49632..49668], trnL [50187..50236], trnV [complement(54536..54572)], trnV [complement(55170..55207)], rps12 [complement(73840..73953)], rps12 [142240..142470], rps12 [143017..143043], clpP [complement(74160..74387)], clpP [complement(74996..75287)], clpP [complement(76110..76180)], petB [79133..79138], petB [79929..80570], petD [80770..80777], petD [81520..81994], rpl16 [complement(85540..85938)], rpl16 [complement(86950..86958)], ndhB [complement(97886..98641)], ndhB [complement(99326..100102)], trnI [105296..105337], trnI [106076..106110], trnA [106182..106219], trnA [107022..107056], ndhA [complement(122453..122992)], ndhA [complement(124053..124604)], trnA [complement(136937..136971)], trnA [complement(137774..137811)], trnI [complement(137883..137917)], trnI [complement(138656..138697)], ndhB [143891..144667], ndhB [145353..146108]	trnK [complement(1737..4246)], rps16 [complement(5363..6230)], trnG [9594..10337], atpF [complement(12989..13754)], rpoC1 [complement(23627..24366)], ycf3 [complement(44985..45740)], ycf3 [complement(45971..46736)], trnL [49669..50186], trnV [complement(54573..55169)], clpP [complement(74388..74995)], clpP [complement(75288..76109)], petB [79139..79928], petD [80778..81519], rpl16 [complement(85939..86949)], ndhB [complement(98642..99325)], trnI [105338..106075], trnA [106220..107021], ndhA [complement(122993..124052)], trnA [complement(136972..137773)], trnI [complement(137918..138655)], ndhB [144668..145352]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3612.	TRNI	64	rps12 [complement(89479..89507)], rps12 [complement(90048..90279)], rps12 [complement(67516..67629)], trnK-UUU [complement(1382..1416)], trnK-UUU [complement(3892..3928)], rps16 [complement(4476..4693)], rps16 [complement(5527..5566)], trnG-UCC [complement(12817..12864)], trnG-UCC [complement(13540..13562)], atpF [32598..32742], atpF [33586..33992], ycf3 [complement(41778..41938)], ycf3 [complement(42666..42891)], ycf3 [complement(43634..43759)], trnL [46536..46570], trnL [46994..47043], trnV-UAC [complement(50611..50647)], trnV-UAC [complement(51244..51282)], rps12 [126916..127147], rps12 [127688..127716], petB [71409..71414], petB [72172..72813], petD [73001..73008], petD [73750..74224], rpl16 [complement(77799..78200)], rpl16 [complement(79233..79241)], rpl2 [complement(81243..81673)], rpl2 [complement(82337..82727)], ndhB [complement(86411..87166)], ndhB [complement(87879..88655)], trnI-GAU [94136..94172], trnI-GAU [94979..95013], trnA-UGC [95079..95116], trnA-UGC [95928..95962], ndhA [complement(111772..112310)], ndhA [complement(113336..113885)], trnA-UGC [complement(121233..121267)], trnA-UGC [complement(122079..122116)], trnI-GAU [complement(122182..122216)], trnI-GAU [complement(123023..123059)], ndhB [128540..129316], ndhB [130029..130784], rpl2 [134468..134858], rpl2 [135522..135952]	trnK-UUU [complement(1417..3891)], rps16 [complement(4694..5526)], trnG-UCC [complement(12865..13539)], atpF [32743..33585], ycf3 [complement(41939..42665)], ycf3 [complement(42892..43633)], trnL [46571..46993], trnV-UAC [complement(50648..51243)], petB [71415..72171], petD [73009..73749], rpl16 [complement(78201..79232)], rpl2 [complement(81674..82336)], ndhB [complement(87167..87878)], trnI-GAU [94173..94978], trnA-UGC [95117..95927], ndhA [complement(112311..113335)], trnA-UGC [complement(121268..122078)], trnI-GAU [complement(122217..123022)], ndhB [129317..130028], rpl2 [134859..135521]
3613.	TROR	73	rps12 [complement(100291..100316)], rps12 [complement(100855..101086)], rps12 [complement(72024..72137)], trnK-UUU [complement(1775..1809)], trnK-UUU [complement(4413..4449)], rps16 [complement(5587..5816)], rps16 [complement(6741..6780)], trnG-UCC [9227..9249], trnG-UCC [9950..9997], atpF [complement(12133..12542)], atpF [complement(13313..13457)], rpoC1 [complement(21512..23134)], rpoC1 [complement(23925..24356)], ycf3 [complement(44239..44391)], ycf3 [complement(45188..45415)], ycf3 [complement(46219..46344)], trnL-UAA [49469..49503], trnL-UAA [50019..50068], trnV-UAC [complement(53242..53276)], trnV-UAC [complement(53870..53908)], rps12 [complement(72024..72137)], rps12 [142966..143197], rps12 [143736..143761], clpP [complement(72302..72529)], clpP [complement(73293..73584)], clpP [complement(74515..74585)], petB	trnK-UUU [complement(1810..4412)], rps16 [complement(5817..6740)], trnG-UCC [9250..9949], atpF [complement(12543..13312)], rpoC1 [complement(23135..23924)], ycf3 [complement(44392..45187)], ycf3 [complement(45416..46218)], trnL-UAA [49504..50018], trnV-UAC [complement(53277..53869)], clpP [complement(72530..73292)], clpP [complement(73585..74514)], petB [77483..78252], petD [79109..79841], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[77477..77482], petB [78253..78894], petD [79101..79108], petD [79842..80316], rpl16 [complement(83788..84186)], rpl16 [complement(85201..85209)], rpl2 [complement(87021..87454)], rpl2 [complement(88144..88534)], ndhB [complement(97230..97985)], ndhB [complement(98671..99447)], trnI-GAU [104489..104525], trnI-GAU [105469..105503], trnA-UGC [105568..105605], trnA-UGC [106409..106443], ndhA [complement(122740..123288)], ndhA [complement(124534..125085)], trnA-UGC [complement(137609..137643)], trnA-UGC [complement(138447..138484)], trnI-GAU [complement(138549..138583)], trnI-GAU [complement(139527..139563)], ndhB [144605..145381], ndhB [146067..146822], rpl2 [155518..155908], rpl2 [156598..157031]	[complement(84187..85200)], rpl2 [complement(87455..88143)], ndhB [complement(97986..98670)], trnI-GAU [104526..105468], trnA-UGC [105606..106408], ndhA [complement(123289..124533)], trnA-UGC [complement(137644..138446)], trnI-GAU [complement(138584..139526)], ndhB [145382..146066], rpl2 [155909..156597]
3614.	TRPI	67	rps12 [complement(100816..100841)], rps12 [complement(101378..101609)], rps12 [complement(73919..74032)], trnK-UUU [complement(1547..1581)], trnK-UUU [complement(4147..4183)], rps16 [complement(4763..4992)], rps16 [complement(5848..5887)], trnG-GCC [9740..9760], trnG-GCC [10474..10520], atpF [complement(12484..12894)], atpF [complement(13632..13775)], rpoC1 [complement(21792..23404)], rpoC1 [complement(24178..24607)], ycf3 [complement(44424..44578)], ycf3 [complement(45335..45560)], ycf3 [complement(46297..46422)], trnL-UAA [49038..49073], trnL-UAA [49591..49639], trnV-UAC [complement(53484..53519)], trnV-UAC [complement(54097..54136)], rps18 [71859..71897], rps18 [71961..72162], rps18 [72468..72514], rps12 [complement(73919..74032)], rps12 [142289..142520], rps12 [143057..143088], rpl2 [complement(87340..87775)], rpl2 [complement(88434..88828)], ycf2 [89545..95721], ycf2 [96013..96501], ndhB [complement(97739..98377)], ndhB [complement(99174..99950)], trnI-GAU [105565..105606], trnI-GAU [106550..106584], trnA-UGC [106649..106686], trnA-UGC [107496..107530], ndhA [complement(121985..122521)], ndhA [complement(123618..124169)], trnA-UGC [complement(136372..136406)], trnA-UGC [complement(137216..137253)], trnI-GAU [complement(137318..137352)], trnI-GAU [complement(138303..138339)], ndhB [143954..144730], ndhB [145527..146165], ycf2	trnK-UUU [complement(1582..4146)], rps16 [complement(4993..5847)], trnG-GCC [9761..10473], atpF [complement(12895..13631)], rpoC1 [complement(23405..24177)], ycf3 [complement(44579..45334)], ycf3 [complement(45561..46296)], trnL-UAA [49074..49590], trnV-UAC [complement(53520..54096)], rps18 [71898..71960], rps18 [72163..72467], rpl2 [complement(87776..88433)], ycf2 [95722..96012], ndhB [complement(98378..99173)], trnI-GAU [105607..106549], trnA-UGC [106687..107495], ndhA [complement(122522..123617)], trnA-UGC [complement(136407..137215)], trnI-GAU [complement(137353..138302)], ndhB [144731..145526], ycf2 [complement(147892..148182)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(147403..147891)], ycf2 [complement(148183..154359)]	
3615.	TRPL	64	rps12 [complement(89371..89399)], rps12 [complement(89940..90171)], rps12 [complement(67828..67941)], trnK-UUU [complement(1407..1439)], trnK-UUU [complement(3927..3964)], rps16 [complement(4513..4730)], rps16 [complement(5560..5599)], trnG-UCC [complement(13037..13084)], trnG-UCC [complement(13767..13789)], atpF [33514..33672], atpF [34487..34894], ycf3 [complement(42688..42846)], ycf3 [complement(43576..43803)], ycf3 [complement(44543..44668)], trnL-UAA [47397..47431], trnL-UAA [47986..48035], trnV-UAC [complement(51602..51648)], trnV-UAC [complement(52236..52274)], rps12 [126097..126328], rps12 [126869..126897], petB [71677..71682], petB [72464..73111], petD [73311..73318], petD [74059..74533], rpl16 [complement(78035..78436)], rpl16 [complement(79510..79518)], rpl2 [complement(81448..81879)], rpl2 [complement(82540..82932)], ndhB [complement(86298..87054)], ndhB [complement(87767..88542)], trnI-GAU [94001..94042], trnI-GAU [94753..94787], trnA-UGC [94853..94890], trnA-UGC [95701..95735], ndhA [complement(111070..111609)], ndhA [complement(112633..113181)], trnA-UGC [complement(120533..120567)], trnA-UGC [complement(121378..121415)], trnI-GAU [complement(121481..121515)], trnI-GAU [complement(122226..122267)], ndhB [127726..128501], ndhB [129214..129970], rpl2 [133336..133728], rpl2 [134389..134820]	trnK-UUU [complement(1440..3926)], rps16 [complement(4731..5559)], trnG-UCC [complement(13085..13766)], atpF [33673..34486], ycf3 [complement(42847..43575)], ycf3 [complement(43804..44542)], trnL-UAA [47432..47985], trnV-UAC [complement(51649..52235)], petB [71683..72463], petD [73319..74058], rpl16 [complement(78437..79509)], rpl2 [complement(81880..82539)], ndhB [complement(87055..87766)], trnI-GAU [94043..94752], trnA-UGC [94891..95700], ndhA [complement(111610..112632)], trnA-UGC [complement(120568..121377)], trnI-GAU [complement(121516..122225)], ndhB [128502..129213], rpl2 [133729..134388]
3616.	TRRA	64	rps12 [complement(93145..93173)], rps12 [complement(93714..93945)], rps12 [complement(70074..70187)], trnK-UUU [complement(1387..1415)], trnK-UUU [complement(3913..3950)], rps16 [complement(4503..4715)], rps16 [complement(5581..5625)], trnG-UCC [complement(13721..13768)], trnG-UCC [complement(14467..14489)], atpF [35665..35808], atpF [36640..37047], ycf3 [complement(44833..44991)], ycf3 [complement(45723..45950)], ycf3 [complement(46705..46836)], trnL-UAA [49610..49644], trnL-UAA [50091..50140], trnV-UAC [complement(53787..53823)], trnV-UAC [complement(54426..54464)], rps12 [130502..130733], rps12 [131274..131302], petB [73941..73946], petB [74703..75350], petD [75533..75540], petD [76281..76755], rpl16 [complement(80313..80714)],	trnK-UUU [complement(1416..3912)], rps16 [complement(4716..5580)], trnG-UCC [complement(13769..14466)], atpF [35809..36639], ycf3 [complement(44992..45722)], ycf3 [complement(45951..46704)], trnL-UAA [49645..50090], trnV-UAC [complement(53824..54425)], petB [73947..74702], petD [75541..76280], rpl16 [complement(80715..81809)], rpl2 [complement(84212..84874)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(81810..81818)], rpl2 [complement(83780..84211)], rpl2 [complement(84875..85264)], ndhB [complement(90079..90834)], ndhB [complement(91539..92315)], trnI-GAU [97807..97848], trnI-GAU [98795..98829], trnA-UGC [98895..98932], trnA-UGC [99743..99777], ndhA [complement(115222..115761)], ndhA [complement(116751..117299)], trnA-UGC [complement(124670..124704)], trnA-UGC [complement(125515..125552)], trnI-GAU [complement(125618..125652)], trnI-GAU [complement(126599..126640)], ndhB [132132..132908], ndhB [133613..134368], rpl2 [139183..139572], rpl2 [140236..140667]	[complement(90835..91538)], trnI-GAU [97849..98794], trnA-UGC [98933..99742], ndhA [complement(115762..116750)], trnA-UGC [complement(124705..125514)], trnI-GAU [complement(125653..126598)], ndhB [132909..133612], rpl2 [139573..140235]
3617.	TRRE	31	trnK-UUU [complement(3637..3665)], trnK-UUU [complement(6114..6150)], trnV-UAC [11201..11239], trnV-UAC [11816..11852], trnG-UCC [42375..42423], trnG-UCC [43114..43136], rps12 [71550..71675], rps12 [complement(102367..102624)], trnL-UAA [85104..85140], trnL-UAA [85687..85736], trnI-GAU [105956..105997], trnI-GAU [106674..106708], trnA-UGC [106774..106811], trnA-UGC [107632..107666]	trnK-UUU [complement(3666..6113)], trnV-UAC [11240..11815], rpl2 [13122..13838], rpl16 [16100..17262], ycf3 [22088..22816], ycf3 [23045..23790], rpoC1 [28573..29359], atpF [39134..39817], trnG-UCC [42424..43113], trnL-UAA [85141..85686], petD [complement(91512..92231)], petB [complement(93082..93907)], clpP [97100..97746], ndhB [complement(100060..100747)], trnI-GAU [105998..106673], trnA-UGC [106812..107631], ndhA [120743..121981]
3618.	TRRI	64	rps12 [complement(89479..89507)], rps12 [complement(90048..90279)], rps12 [complement(67954..68067)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3906..3943)], rps16 [complement(4492..4709)], rps16 [complement(5548..5587)], trnG-UCC [complement(13097..13144)], trnG-UCC [complement(13827..13849)], atpF [33599..33757], atpF [34580..34987], ycf3 [complement(42800..42958)], ycf3 [complement(43688..43915)], ycf3 [complement(44680..44805)], trnL-UAA [47448..47482], trnL-UAA [48032..48081], trnV-UAC [complement(51648..51694)], trnV-UAC [complement(52282..52320)], rps12 [126368..126599], rps12 [127140..127168], petB [71803..71808], petB [72576..73223], petD [73418..73425], petD [74166..74640], rpl16 [complement(78141..78542)],	trnK-UUU [complement(1421..3905)], rps16 [complement(4710..5547)], trnG-UCC [complement(13145..13826)], atpF [33758..34579], ycf3 [complement(42959..43687)], ycf3 [complement(43916..44679)], trnL-UAA [47483..48031], trnV-UAC [complement(51695..52281)], petB [71809..72575], petD [73426..74165], rpl16 [complement(78543..79615)], rpl2 [complement(81988..82647)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(79616..79624)], rpl2 [complement(81556..81987)], rpl2 [complement(82648..83040)], ndhB [complement(86406..87162)], ndhB [complement(87875..88650)], trnI-GAU [94109..94150], trnI-GAU [94861..94895], trnA-UGC [94961..94998], trnA-UGC [95809..95843], ndhA [complement(111342..111881)], ndhA [complement(112905..113453)], trnA-UGC [complement(120804..120838)], trnA-UGC [complement(121649..121686)], trnI-GAU [complement(121752..121786)], trnI-GAU [complement(122497..122538)], ndhB [127997..128772], ndhB [129485..130241], rpl2 [133607..133999], rpl2 [134660..135091]	[complement(87163..87874)], trnI-GAU [94151..94860], trnA-UGC [94999..95808], ndhA [complement(111882..112904)], trnA-UGC [complement(120839..121648)], trnI-GAU [complement(121787..122496)], ndhB [128773..129484], rpl2 [134000..134659]
3619.	TRSC	64	rps12 [complement(89076..89104)], rps12 [complement(89645..89876)], rps12 [complement(67536..67649)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3908..3945)], rps16 [complement(4494..4711)], rps16 [complement(5549..5588)], trnG-UCC [complement(13073..13120)], trnG-UCC [complement(13803..13825)], atpF [33569..33727], atpF [34549..34956], ycf3 [complement(42751..42909)], ycf3 [complement(43639..43866)], ycf3 [complement(44612..44737)], trnL-UAA [47051..47085], trnL-UAA [47635..47684], trnV-UAC [complement(51328..51374)], trnV-UAC [complement(51962..52000)], rps12 [126018..126249], rps12 [126790..126818], petB [71385..71390], petB [72173..72820], petD [73020..73027], petD [73768..74242], rpl16 [complement(77741..78142)], rpl16 [complement(79216..79224)], rpl2 [complement(81159..81590)], rpl2 [complement(82251..82643)], ndhB [complement(86003..86759)], ndhB [complement(87472..88247)], trnI-GAU [93706..93747], trnI-GAU [94458..94492], trnA-UGC [94558..94595], trnA-UGC [95406..95440], ndhA [complement(110974..111513)], ndhA [complement(112537..113085)], trnA-UGC [complement(120454..120488)], trnA-UGC [complement(121299..121336)], trnI-GAU [complement(121402..121436)], trnI-GAU [complement(122147..122188)], ndhB [127647..128422], ndhB [129135..129891], rpl2 [133251..133643], rpl2 [134304..134735]	trnK-UUU [complement(1421..3907)], rps16 [complement(4712..5548)], trnG-UCC [complement(13121..13802)], atpF [33728..34548], ycf3 [complement(42910..43638)], ycf3 [complement(43867..44611)], trnL-UAA [47086..47634], trnV-UAC [complement(51375..51961)], petB [71391..72172], petD [73028..73767], rpl16 [complement(78143..79215)], rpl2 [complement(81591..82250)], ndhB [complement(86760..87471)], trnI-GAU [93748..94457], trnA-UGC [94596..95405], ndhA [complement(111514..112536)], trnA-UGC [complement(120489..121298)], trnI-GAU [complement(121437..122146)], ndhB [128423..129134], rpl2 [133644..134303]
3620.	TRSH	72	rps12 [complement(98327..98352)], rps12 [complement(98888..99119)], rps12 [complement(70735..70848)], trnK-UUU [complement(1812..1846)], trnK-UUU [complement(4344..4380)], rps16 [complement(5284..5510)], rps16	trnK-UUU [complement(1847..4343)], rps16 [complement(5511..6385)], trnG-UCC [9688..10372], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6386..6425)], trnG-UCC [9665..9687], trnG-UCC [10373..10420], atpF [complement(12359..12769)], atpF [complement(13485..13628)], rpoC1 [complement(21274..22884)], rpoC1 [complement(23649..24104)], ycf3 [complement(43040..43192)], ycf3 [complement(43918..44146)], ycf3 [complement(44846..44979)], trnL-UAA [47951..47985], trnL-UAA [48469..48517], trnV-UAC [complement(52333..52367)], trnV-UAC [complement(52952..52989)], rps12 [141102..141333], rps12 [141869..141894], clpP [complement(70992..71219)], clpP [complement(71857..72148)], clpP [complement(72889..72959)], petB [75850..75855], petB [76573..77214], petD [77432..77439], petD [78186..78660], rpl16 [complement(82095..82493)], rpl16 [complement(83372..83380)], rpl2 [complement(85007..85422)], rpl2 [complement(86101..86491)], ndhB [complement(95319..96074)], ndhB [complement(96754..97530)], trnI-GAU [102838..102874], trnI-GAU [103832..103866], trnA-UGC [103935..103972], trnA-UGC [104786..104820], ndhA [complement(121124..121662)], ndhA [complement(122529..123081)], trnA-UGC [complement(135401..135435)], trnA-UGC [complement(136249..136286)], trnI-GAU [complement(136355..136389)], trnI-GAU [complement(137347..137383)], ndhB [142691..143467], ndhB [144147..144902], rpl2 [153730..154120], rpl2 [154799..155214]	[complement(12770..13484)], rpoC1 [complement(22885..23648)], ycf3 [complement(43193..43917)], ycf3 [complement(44147..44845)], trnL-UAA [47986..48468], trnV-UAC [complement(52368..52951)], clpP [complement(71220..71856)], clpP [complement(72149..72888)], petB [75856..76572], petD [77440..78185], rpl16 [complement(82494..83371)], rpl2 [complement(85423..86100)], ndhB [complement(96075..96753)], trnI-GAU [102875..103831], trnA-UGC [103973..104785], ndhA [complement(121663..122528)], trnA-UGC [complement(135436..136248)], trnI-GAU [complement(136390..137346)], ndhB [143468..144146], rpl2 [154121..154798]
3621.	TRSI	64	rps12 [complement(88659..88687)], rps12 [complement(89228..89459)], rps12 [complement(67112..67225)], trnK-UUU [complement(1387..1419)], trnK-UUU [complement(3911..3948)], rps16 [complement(4501..4718)], rps16 [complement(5559..5598)], trnG-UCC [complement(13095..13142)], trnG-UCC [complement(13825..13847)], atpF [32837..32995], atpF [33816..34223], ycf3 [complement(42020..42178)], ycf3 [complement(42909..43136)], ycf3 [complement(43875..44000)], trnL-UAA [46765..46799], trnL-UAA [47349..47398], trnV-UAC [complement(50933..50979)], trnV-UAC [complement(51567..51606)], rps12 [125585..125816], rps12 [126357..126385], petB [70962..70967], petB [71745..72392], petD [72592..72599], petD [73340..73814], rpl16 [complement(77318..77719)], rpl16 [complement(78794..78802)], rpl2 [complement(80736..81167)], rpl2	trnK-UUU [complement(1420..3910)], rps16 [complement(4719..5558)], trnG-UCC [complement(13143..13824)], atpF [32996..33815], ycf3 [complement(42179..42908)], ycf3 [complement(43137..43874)], trnL-UAA [46800..47348], trnV-UAC [complement(50980..51566)], petB [70968..71744], petD [72600..73339], rpl16 [complement(77720..78793)], rpl2 [complement(81168..81827)], ndhB [complement(86343..87054)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(81828..82220)], ndhB [complement(85586..86342)], ndhB [complement(87055..87830)], trnI-GAU [93284..93325], trnI-GAU [94036..94070], trnA-UGC [94136..94173], trnA-UGC [94984..95018], ndhA [complement(110551..111090)], ndhA [complement(112114..112662)], trnA-UGC [complement(120026..120060)], trnA-UGC [complement(120871..120908)], trnI-GAU [complement(120974..121008)], trnI-GAU [complement(121719..121760)], ndhB [127214..127989], ndhB [128702..129458], rpl2 [132824..133216], rpl2 [133877..134308]	[93326..94035], trnA-UGC [94174..94983], ndhA [complement(111091..112113)], trnA-UGC [complement(120061..120870)], trnI-GAU [complement(121009..121718)], ndhB [127990..128701], rpl2 [133217..133876]
3622.	TRSN	64	rps12 [complement(89442..89470)], rps12 [complement(90011..90242)], rps12 [complement(67895..68008)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3915..3952)], rps16 [complement(4489..4706)], rps16 [complement(5546..5585)], trnG-UCC [complement(13071..13118)], trnG-UCC [complement(13801..13823)], atpF [33595..33753], atpF [34575..34982], ycf3 [complement(42709..42867)], ycf3 [complement(43606..43833)], ycf3 [complement(44575..44700)], trnL-UAA [47507..47541], trnL-UAA [48096..48145], trnV-UAC [complement(51708..51754)], trnV-UAC [complement(52342..52380)], rps12 [125725..125956], rps12 [126497..126525], petB [71744..71749], petB [72527..73174], petD [73369..73376], petD [74116..74590], rpl16 [complement(78100..78501)], rpl16 [complement(79576..79584)], rpl2 [complement(81517..81948)], rpl2 [complement(82609..83001)], ndhB [complement(86369..87125)], ndhB [complement(87838..88613)], trnI-GAU [93757..93798], trnI-GAU [94509..94543], trnA-UGC [94609..94646], trnA-UGC [95457..95491], ndhA [complement(111014..111553)], ndhA [complement(112577..113125)], trnA-UGC [complement(120476..120510)], trnA-UGC [complement(121321..121358)], trnI-GAU [complement(121424..121458)], trnI-GAU [complement(122169..122210)], ndhB [127354..128129], ndhB [128842..129598], rpl2 [132966..133358], rpl2 [134019..134450]	trnK-UUU [complement(1421..3914)], rps16 [complement(4707..5545)], trnG-UCC [complement(13119..13800)], atpF [33754..34574], ycf3 [complement(42868..43605)], ycf3 [complement(43834..44574)], trnL-UAA [47542..48095], trnV-UAC [complement(51755..52341)], petB [71750..72526], petD [73377..74115], rpl16 [complement(78502..79575)], rpl2 [complement(81949..82608)], ndhB [complement(87126..87837)], trnI-GAU [93799..94508], trnA-UGC [94647..95456], ndhA [complement(111554..112576)], trnA-UGC [complement(120511..121320)], trnI-GAU [complement(121459..122168)], ndhB [128130..128841], rpl2 [133359..134018]
3623.	TRSR	69	rps12 [complement(97800..97825)], rps12 [complement(98362..98593)], rps12 [complement(70361..70474)], trnH-GUG [complement(154516..154518)], trnH-GUG [complement(1..71)], trnK-UUU [complement(1609..1643)], trnK-UUU [complement(4184..4220)], rps16	trnH-GUG [complement(154519..0)], trnK-UUU [complement(1644..4183)], rps16 [complement(5045..5938)], trnG-UCC [8619..9336], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(4828..5044)], rps16 [complement(5939..5979)], trnG-UCC [8596..8618], trnG-UCC [9337..9384], atpF [complement(11305..11714)], atpF [complement(12492..12636)], rpoC1 [complement(20032..21642)], rpoC1 [complement(22433..22864)], ycf3 [complement(41845..41997)], ycf3 [complement(42781..43008)], ycf3 [complement(43782..43907)], trnL-UAA [46888..46924], trnL-UAA [47512..47561], trnV-UAC [complement(51447..51481)], trnV-UAC [complement(52079..52116)], rps12 [140769..141000], rps12 [141537..141562], clpP [complement(70619..70846)], clpP [complement(71465..71756)], clpP [complement(72612..72682)], petB [75633..75638], petB [76430..77071], petD [77300..77307], petD [78065..78539], rpl16 [complement(81948..82346)], rpl16 [complement(83348..83356)], ndhB [complement(94749..95504)], ndhB [complement(96173..96949)], trnI-GAU [102198..102234], trnI-GAU [103180..103214], trnA-UGC [103286..103323], trnA-UGC [104148..104182], ndhA [complement(120777..121315)], ndhA [complement(122300..122852)], trnA-UGC [complement(135180..135214)], trnA-UGC [complement(136039..136076)], trnI-GAU [complement(136148..136182)], trnI-GAU [complement(137128..137164)], ndhB [142413..143189], ndhB [143858..144613]	[complement(11715..12491)], rpoC1 [complement(21643..22432)], ycf3 [complement(41998..42780)], ycf3 [complement(43009..43781)], trnL-UAA [46925..47511], trnV-UAC [complement(51482..52078)], clpP [complement(70847..71464)], clpP [complement(71757..72611)], petB [75639..76429], petD [77308..78064], rpl16 [complement(82347..83347)], ndhB [complement(95505..96172)], trnI-GAU [102235..103179], trnA-UGC [103324..104147], ndhA [complement(121316..122299)], trnA-UGC [complement(135215..136038)], trnI-GAU [complement(136183..137127)], ndhB [143190..143857]
3624.	TRST	25	trnK-UUU [complement(1714..1742)], trnK-UUU [complement(4226..4262)], trnV-UAC [9365..9403], trnV-UAC [9977..10013], trnI-GAU [72382..72423], trnI-GAU [73100..73134], trnA-UGC [73200..73237], trnA-UGC [74052..74086], trnL-UAA [complement(100161..100210)], trnL-UAA [complement(100733..100769)]	trnK-UUU [complement(1743..4225)], trnV-UAC [9404..9976], rpl2 [11389..12118], rpl16 [14199..15361], petD [complement(20125..20830)], petB [complement(21687..22501)], rpoC1 [38859..39620], atpF [49525..50193], ndhB [complement(66217..66914)], trnI-GAU [72424..73099], trnA-UGC [73238..74051], trnL-UAA [complement(100211..100732)], ycf3 [103840..104560], ycf3 [104789..105641], ndhA [114279..115504]
3625.	TRSU	5	rps12 [100695..100958], ycf3 [complement(117504..117627)]	atpF [complement(27773..28455)], trnL-UAA [complement(66534..67074)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				UGC [complement(95998..96052)]
3626.	TRTI	25	trnK [complement(1374..1406)], trnK [complement(3909..3946)], rps16 [complement(4517..4732)], rps16 [complement(5523..5576)], atpF [32954..33112], atpF [33927..34334], ycf3 [complement(42167..42325)], ycf3 [complement(43056..43283)], ycf3 [complement(44034..44165)], rps12 [67139..67267], rps12 [complement(89545..89817)], ndhB [complement(85919..86674)], ndhB [complement(87387..88163)], ndhA [complement(111504..112043)], ndhA [complement(113080..113628)], ndhB [128251..129027], ndhB [129740..130495]	trnK [complement(1407..3908)], rps16 [complement(4733..5522)], atpF [33113..33926], ycf3 [complement(42326..43055)], ycf3 [complement(43284..44033)], ndhB [complement(86675..87386)], ndhA [complement(112044..113079)], ndhB [129028..129739]
3627.	TRTO	64	rps12 [complement(89192..89220)], rps12 [complement(89761..89992)], rps12 [complement(67646..67759)], trnK-UUU [complement(1387..1419)], trnK-UUU [complement(3910..3947)], rps16 [complement(4498..4715)], rps16 [complement(5576..5615)], trnG-UCC [complement(13133..13180)], trnG-UCC [complement(13863..13885)], atpF [33777..33935], atpF [34759..35166], ycf3 [complement(42951..43109)], ycf3 [complement(43840..44067)], ycf3 [complement(44815..44940)], trnL-UAA [47251..47285], trnL-UAA [47835..47884], trnV-UAC [complement(51433..51479)], trnV-UAC [complement(52067..52105)], rps12 [126087..126318], rps12 [126859..126887], petB [71497..71502], petB [72284..72931], petD [73131..73138], petD [73878..74352], rpl16 [complement(77853..78254)], rpl16 [complement(79328..79336)], rpl2 [complement(81270..81701)], rpl2 [complement(82362..82754)], ndhB [complement(86119..86875)], ndhB [complement(87588..88363)], trnI-GAU [93822..93863], trnI-GAU [94574..94608], trnA-UGC [94674..94711], trnA-UGC [95522..95556], ndhA [complement(111082..111621)], ndhA [complement(112624..113172)], trnA-UGC [complement(120523..120557)], trnA-UGC [complement(121368..121405)], trnI-GAU [complement(121471..121505)], trnI-GAU [complement(122216..122257)], ndhB [127716..128491], ndhB [129204..129960], rpl2 [133325..133717], rpl2 [134378..134809]	trnK-UUU [complement(1420..3909)], rps16 [complement(4716..5575)], trnG-UCC [complement(13181..13862)], atpF [33936..34758], ycf3 [complement(43110..43839)], ycf3 [complement(44068..44814)], trnL-UAA [47286..47834], trnV-UAC [complement(51480..52066)], petB [71503..72283], petD [73139..73877], rpl16 [complement(78255..79327)], rpl2 [complement(81702..82361)], ndhB [complement(86876..87587)], trnI-GAU [93864..94573], trnA-UGC [94712..95521], ndhA [complement(111622..112623)], trnA-UGC [complement(120558..121367)], trnI-GAU [complement(121506..122215)], ndhB [128492..129203], rpl2 [133718..134377]
3628.	TRTS	65	rps12 [complement(98568..98593)], rps12 [complement(99140..99371)], rps12 [complement(69835..69948)], trnK-UUU [complement(1390..1424)], trnK-UUU [complement(4039..4075)], rps16 [complement(4810..5019)], rps16	trnK-UUU [complement(1425..4038)], rps16 [complement(5020..5773)], trnG-UCC [9410..10083], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(5774..5815)], trnG-UCC [9386..9409], trnG-UCC [10084..10131], atpF [complement(12080..12490)], atpF [complement(13277..13420)], rpoC1 [complement(20997..22640)], rpoC1 [complement(23352..23786)], ycf3 [complement(42438..42596)], ycf3 [complement(43333..43560)], ycf3 [complement(44283..44408)], trnL-UAA [47192..47226], trnL-UAA [47749..47798], trnV-UAC [complement(51726..51762)], trnV-UAC [complement(52358..52396)], petB [75340..75345], petB [76169..76810], petD [77008..77013], petD [77761..78237], rpl16 [complement(81716..82114)], rpl16 [complement(83162..83170)], rpl2 [complement(85069..85500)], rpl2 [complement(86165..86554)], ndhB [complement(95495..96250)], ndhB [complement(96946..97722)], trnI-GAU [103333..103369], trnI-GAU [104310..104344], trnA-UGC [104404..104441], trnA-UGC [105243..105277], ndhA [complement(120102..120632)], ndhA [complement(121701..122252)], trnA-UGC [complement(135557..135591)], trnA-UGC [complement(136393..136430)], trnI-GAU [complement(136490..136524)], trnI-GAU [complement(137465..137501)], ndhB [143112..143888], ndhB [144584..145339], rpl2 [154280..154669], rpl2 [155334..155765]	[complement(12491..13276)], rpoC1 [complement(22641..23351)], ycf3 [complement(42597..43332)], ycf3 [complement(43561..44282)], trnL-UAA [47227..47748], trnV-UAC [complement(51763..52357)], petB [75346..76168], petD [77014..77760], rpl16 [complement(82115..83161)], rpl2 [complement(85501..86164)], ndhB [complement(96251..96945)], trnI-GAU [103370..104309], trnA-UGC [104442..105242], ndhA [complement(120633..121700)], trnA-UGC [complement(135592..136392)], trnI-GAU [complement(136525..137464)], ndhB [143889..144583], rpl2 [154670..155333]
3629.	TRTU	25	trnK [complement(1374..1406)], trnK [complement(3908..3945)], rps16 [complement(4511..4726)], rps16 [complement(5513..5566)], atpF [32813..32971], atpF [33782..34189], ycf3 [complement(42022..42180)], ycf3 [complement(42912..43139)], ycf3 [complement(43890..44021)], rps12 [66870..66998], rps12 [complement(89239..89511)], ndhB [complement(85613..86368)], ndhB [complement(87081..87857)], ndhA [complement(111194..111733)], ndhA [complement(112770..113318)], ndhB [127940..128716], ndhB [129429..130184]	trnK [complement(1407..3907)], rps16 [complement(4727..5512)], atpF [32972..33781], ycf3 [complement(42181..42911)], ycf3 [complement(43140..43889)], ndhB [complement(86369..87080)], ndhA [complement(111734..112769)], ndhB [128717..129428]
3630.	TRUR	31	rps12 [complement(90708..90950)], rps12 [complement(67538..67666)], trnK-UUU [complement(1365..1397)], trnK-UUU [complement(3897..3934)], rps16 [complement(4520..4732)], atpF [33850..34257], ycf3 [complement(42072..42230)], trnL-UAA [46679..46713], trnL-UAA [47294..47343], trnV-UAC [complement(50959..50995)], trnV-UAC [complement(51592..51630)], rpl2 [complement(81242..81667)], ndhB	trnK-UUU [complement(1398..3896)], rps16 [complement(4733..5521)], atpF [33042..33849], ycf3 [complement(42231..42956)], ycf3 [complement(43185..43935)], trnL-UAA [46714..47293], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(87082..87837)], trnI-GAU [94771..94812], trnI-GAU [95614..95648], trnA-UGC [95714..95751], trnA-UGC [96557..96591], ndhH [complement(114799..115773)]	[complement(50996..51591)], rpl2 [complement(81668..82333)], ndhB [complement(87838..88549)], trnI-GAU [94813..95613], trnA-UGC [95752..96556], ndhH [102974..114798], ndhA [complement(113223..114247)]
3631.	TRVA	64	rps12 [complement(89139..89167)], rps12 [complement(89708..89939)], rps12 [complement(67611..67724)], trnK-UUU [complement(1388..1420)], trnK-UUU [complement(3929..3966)], rps16 [complement(4515..4732)], rps16 [complement(5563..5602)], trnG-UCC [complement(13079..13126)], trnG-UCC [complement(13809..13831)], atpF [33626..33784], atpF [34606..35013], ycf3 [complement(42808..42966)], ycf3 [complement(43696..43923)], ycf3 [complement(44671..44796)], trnL-UAA [47108..47142], trnL-UAA [47692..47741], trnV-UAC [complement(51339..51385)], trnV-UAC [complement(51973..52011)], rps12 [126036..126267], rps12 [126808..126836], petB [71461..71466], petB [72245..72892], petD [73087..73094], petD [73835..74309], rpl16 [complement(77809..78210)], rpl16 [complement(79282..79290)], rpl2 [complement(81223..81654)], rpl2 [complement(82315..82707)], ndhB [complement(86066..86822)], ndhB [complement(87535..88310)], trnI-GAU [93764..93805], trnI-GAU [94516..94550], trnA-UGC [94616..94653], trnA-UGC [95464..95498], ndhA [complement(111015..111554)], ndhA [complement(112578..113126)], trnA-UGC [complement(120477..120511)], trnA-UGC [complement(121322..121359)], trnI-GAU [complement(121425..121459)], trnI-GAU [complement(122170..122211)], ndhB [127665..128440], ndhB [129153..129909], rpl2 [133268..133660], rpl2 [134321..134752]	trnK-UUU [complement(1421..3928)], rps16 [complement(4733..5562)], trnG-UCC [complement(13127..13808)], atpF [33785..34605], ycf3 [complement(42967..43695)], ycf3 [complement(43924..44670)], trnL-UAA [47143..47691], trnV-UAC [complement(51386..51972)], petB [71467..72244], petD [73095..73834], rpl16 [complement(78211..79281)], rpl2 [complement(81655..82314)], ndhB [complement(86823..87534)], trnI-GAU [93806..94515], trnA-UGC [94654..95463], ndhA [complement(111555..112577)], trnA-UGC [complement(120512..121321)], trnI-GAU [complement(121460..122169)], ndhB [128441..129152], rpl2 [133661..134320]
3632.	TRWI	64	rps12 [complement(89389..89417)], rps12 [complement(89958..90189)], rps12 [complement(67828..67941)], trnK-UUU [complement(1386..1418)], trnK-UUU [complement(3910..3947)], rps16 [complement(4495..4712)], rps16 [complement(5551..5590)], trnG-UCC [complement(13089..13136)], trnG-UCC [complement(13819..13841)], atpF [33569..33727], atpF [34544..34951], ycf3 [complement(42685..42843)], ycf3 [complement(43573..43800)], ycf3	trnK-UUU [complement(1419..3909)], rps16 [complement(4713..5550)], trnG-UCC [complement(13137..13818)], atpF [33728..34543], ycf3 [complement(42844..43572)], ycf3 [complement(43801..44541)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(44542..44667)], trnL-UAA [47435..47469], trnL-UAA [48019..48068], trnV-UAC [complement(51635..51681)], trnV-UAC [complement(52269..52307)], rps12 [125672..125903], rps12 [126444..126472], petB [71677..71682], petB [72458..73105], petD [73305..73312], petD [74053..74527], rpl16 [complement(78025..78426)], rpl16 [complement(79524..79532)], rpl2 [complement(81465..81896)], rpl2 [complement(82557..82949)], ndhB [complement(86316..87072)], ndhB [complement(87785..88560)], trnI-GAU [93704..93745], trnI-GAU [94456..94490], trnA-UGC [94556..94593], trnA-UGC [95404..95438], ndhA [complement(110962..111501)], ndhA [complement(112524..113072)], trnA-UGC [complement(120423..120457)], trnA-UGC [complement(121268..121305)], trnI-GAU [complement(121371..121405)], trnI-GAU [complement(122116..122157)], ndhB [127301..128076], ndhB [128789..129545], rpl2 [132912..133304], rpl2 [133965..134396]	[47470..48018], trnV-UAC [complement(51682..52268)], petB [71683..72457], petD [73313..74052], rpl16 [complement(78427..79523)], rpl2 [complement(81897..82556)], ndhB [complement(87073..87784)], trnI-GAU [93746..94455], trnA-UGC [94594..95403], ndhA [complement(111502..112523)], trnA-UGC [complement(120458..121267)], trnI-GAU [complement(121406..122115)], ndhB [128077..128788], rpl2 [133305..133964]
3633.	TRZE	2	rps12 [complement(96009..96251)], rps12 [complement(66548..66661)]	-
3634.	TSCH	42	trnK-UUU [complement(1525..1559)], trnK-UUU [complement(4078..4114)], trnG-UCC [8806..8828], trnG-UCC [9621..9668], atpF [complement(11580..11990)], atpF [complement(12750..12908)], rpoC1 [complement(19839..21497)], rpoC1 [complement(22170..22601)], trnV-UAC [complement(31757..31793)], trnV-UAC [complement(32341..32379)], rps12 [110412..110438], petB [54163..54168], petB [54989..55630], petD [55851..55859], petD [56558..57076], rpl16 [complement(60464..60859)], rpl16 [complement(61736..61744)], rpl2 [complement(63273..63704)], rpl2 [complement(64368..64763)], trnL-UAA [complement(66747..66796)], trnL-UAA [complement(67280..67314)], ycf3 [69770..69895], ycf3 [70614..70841], ycf3 [71556..71711], trnI-GAU [84956..84997], trnI-GAU [85972..86006], trnA-UGC [86086..86123], trnA-UGC [86895..86929]	trnK-UUU [complement(1560..4077)], trnG-UCC [8829..9620], atpF [complement(11991..12749)], rpoC1 [complement(21498..22169)], trnV-UAC [complement(31794..32340)], petB [54169..54988], petD [55860..56557], rpl16 [complement(60860..61735)], rpl2 [complement(63705..64367)], trnL-UAA [complement(66797..67279)], ycf3 [69896..70613], ycf3 [70842..71555], trnI-GAU [84998..85971], trnA-UGC [86124..86894]
3635.	TSDI	44	trnK-UUU [complement(1525..1559)], trnK-UUU [complement(4078..4114)], trnG-UCC [8811..8833], trnG-UCC [9627..9674], atpF [complement(11586..11996)], atpF [complement(12780..12938)], rpoC1 [complement(19929..21587)], rpoC1 [complement(22255..22686)], trnV-UAC [complement(31751..31787)], trnV-UAC [complement(32336..32374)], rps12	trnK-UUU [complement(1560..4077)], trnG-UCC [8834..9626], atpF [complement(11997..12779)], rpoC1 [complement(21588..22254)], trnV-UAC [complement(31788..32335)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(49381..49494)], rps12 [109687..109917], rps12 [110457..110483], petB [54158..54163], petB [54968..55609], petD [55831..55839], petD [56538..57056], rpl16 [complement(60445..60840)], rpl16 [complement(61725..61733)], rpl2 [complement(63258..63689)], rpl2 [complement(64353..64748)], trnL-UAA [complement(66723..66772)], trnL-UAA [complement(67260..67294)], ycf3 [69733..69858], ycf3 [70580..70807], ycf3 [71530..71685], trnI-GAU [84873..84914], trnI-GAU [85888..85922], trnA-UGC [86002..86039], trnA-UGC [86811..86845]	[54164..54967], petD [55840..56537], rpl16 [complement(60841..61724)], rpl2 [complement(63690..64352)], trnL-UAA [complement(66773..67259)], ycf3 [69859..70579], ycf3 [70808..71529], trnI-GAU [84915..85887], trnA-UGC [86040..86810]
3636.	TSSI	44	trnK-UUU [complement(1571..1605)], trnK-UUU [complement(4124..4160)], trnG-UCC [8858..8880], trnG-UCC [9650..9697], atpF [complement(11609..12019)], atpF [complement(12779..12937)], rpoC1 [complement(19874..21532)], rpoC1 [complement(22200..22631)], trnV-UAC [complement(31747..31783)], trnV-UAC [complement(32331..32369)], rps12 [complement(49379..49492)], rps12 [109757..109987], rps12 [110525..110551], petB [54118..54123], petB [54944..55585], petD [55805..55813], petD [56512..57030], rpl16 [complement(60417..60812)], rpl16 [complement(61687..61695)], rpl2 [complement(63226..63657)], rpl2 [complement(64321..64716)], trnL-UAA [complement(66680..66729)], trnL-UAA [complement(67213..67247)], ycf3 [69701..69826], ycf3 [70550..70777], ycf3 [71492..71647], trnI-GAU [84854..84895], trnI-GAU [85869..85903], trnA-UGC [85983..86020], trnA-UGC [86792..86826]	trnK-UUU [complement(1606..4123)], trnG-UCC [8881..9649], atpF [complement(12020..12778)], rpoC1 [complement(21533..22199)], trnV-UAC [complement(31784..32330)], petB [54124..54943], petD [55814..56511], rpl16 [complement(60813..61686)], rpl2 [complement(63658..64320)], trnL-UAA [complement(66730..67212)], ycf3 [69827..70549], ycf3 [70778..71491], trnI-GAU [84896..85868], trnA-UGC [86021..86791]
3637.	TUAL	44	rps12 [complement(78788..79219)], rps12 [complement(79869..80261)], trnK-UUU [complement(1447..1481)], trnK-UUU [complement(4096..4132)], trnG-GCC [8473..8496], trnG-GCC [9218..9265], atpF [complement(12400..12543)], ycf3 [complement(41326..41424)], trnL-UAA [43583..43617], trnL-UAA [44184..44233], trnV-UAC [complement(47792..47826)], trnV-UAC [complement(48418..48456)], rps12 [133612..133638], trnI-GAU [96431..96467], trnI-GAU [97399..97433], trnA-UGC [97498..97535], trnA-UGC [98332..98366], trnA-UGC [complement(126955..126989)], trnA-UGC [complement(127786..127823)], trnI-GAU [complement(127888..127922)], trnI-GAU [complement(128854..128890)]	trnK-UUU [complement(1482..4095)], rps16 [complement(5031..5905)], trnG-GCC [8497..9217], atpF [complement(11598..12399)], rpoC1 [complement(21612..22309)], ycf3 [complement(39894..40607)], ycf3 [complement(40836..41325)], trnL-UAA [43618..44183], trnV-UAC [complement(47827..48417)], clpP [complement(65019..65620)], clpP [complement(65913..66646)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[69622..70427], petD [71296..72068], rpl16 [complement(76232..76976)], rpl2 [complement(79214..79868)], ndhB [complement(89373..90065)], trnI-GAU [96468..97398], trnA-UGC [97536..98331], ndhA [complement(113321..114331)], trnA-UGC [complement(126990..127785)], trnI-GAU [complement(127923..128853)], ndhB [135256..135948], rpl2 [145450..146101]
3638.	TUCH	72	rps12 [complement(99965..99990)], rps12 [complement(100527..100758)], rps12 [complement(72050..72163)], trnK-UUU [complement(1741..1775)], trnK-UUU [complement(4264..4300)], rps16 [complement(5072..5296)], rps16 [complement(6162..6200)], trnG [9823..9845], trnG [10541..10588], atpF [complement(12609..13016)], atpF [complement(13721..13879)], rpoC1 [complement(21813..23438)], rpoC1 [complement(24171..24605)], ycf3 [complement(44275..44427)], ycf3 [complement(45166..45393)], ycf3 [complement(46113..46238)], trnL-UAA [49475..49511], trnL-UAA [50035..50084], trnV-UAC [complement(53237..53273)], trnV-UAC [complement(53860..53898)], rps12 [142600..142831], rps12 [143368..143393], clpP [complement(72313..72597)], clpP [complement(73139..73429)], clpP [complement(74230..74298)], petB [77177..77182], petB [77945..78601], petD [78790..78798], petD [79502..80026], rpl16 [complement(83499..83900)], rpl16 [complement(84916..84924)], rpl2 [complement(86552..86986)], rpl2 [complement(87654..88046)], ndhB [complement(96907..97662)], ndhB [complement(98342..99118)], trnI-GAU [104688..104729], trnI-GAU [105683..105717], trnA-UGC [105782..105819], trnA-UGC [106632..106666], ndhA [complement(122161..122700)], ndhA [complement(123790..124341)], trnA-UGC [complement(136692..136726)], trnA-UGC [complement(137539..137576)], trnI-GAU [complement(137641..137675)], trnI-GAU [complement(138629..138670)], ndhB [144240..145016], ndhB [145696..146451], rpl2 [155312..155701], rpl2 [156372..156806]	trnK-UUU [complement(1776..4263)], rps16 [complement(5297..6161)], trnG [9846..10540], atpF [complement(13017..13720)], rpoC1 [complement(23439..24170)], ycf3 [complement(44428..45165)], ycf3 [complement(45394..46112)], trnL-UAA [49512..50034], trnV-UAC [complement(53274..53859)], clpP [complement(72598..73138)], clpP [complement(73430..74229)], petB [77183..77944], petD [78799..79501], rpl16 [complement(83901..84915)], rpl2 [complement(86987..87653)], ndhB [complement(97663..98341)], trnI-GAU [104730..105682], trnA-UGC [105820..106631], ndhA [complement(122701..123789)], trnA-UGC [complement(136727..137538)], trnI-GAU [complement(137676..138628)], ndhB [145017..145695], rpl2 [155702..156371]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3639.	TYFA	26	rps12 [complement(71161..71274)], trnK-UUU [complement(1911..1945)], trnK-UUU [complement(4522..4558)], trnG-UCC [complement(45311..45358)], trnG-UCC [complement(46070..46092)], trnL-UAA [49063..49097], trnL-UAA [49611..49660], trnV-UAC [complement(53153..53189)], trnV-UAC [complement(53798..53836)], rps12 [147763..147788], trnI-GAU [104648..104684], trnI-GAU [105638..105672], trnA-UGC [105737..105774], trnA-UGC [106577..106611], trnA-UGC [complement(141300..141334)], trnA-UGC [complement(142137..142174)], trnI-GAU [complement(142239..142273)], trnI-GAU [complement(143227..143263)]	trnK-UUU [complement(1946..4521)], trnG-UCC [complement(45359..46069)], trnL-UAA [49098..49610], trnV-UAC [complement(53190..53797)], trnI-GAU [104685..105637], trnA-UGC [105775..106576], trnA-UGC [complement(141335..142136)], trnI-GAU [complement(142274..143226)]
3640.	TYLA	44	rps12 [complement(103574..103599)], rps12 [complement(104141..104372)], rps12 [complement(74727..74840)], trnK-UUU [complement(1386..1420)], trnK-UUU [complement(4045..4081)], trnG-GCC [10213..10236], trnG-GCC [10931..10978], trnL-UAA [50405..50439], trnL-UAA [50998..51047], trnV-UAC [complement(54959..54995)], trnV-UAC [complement(55568..55603)], rps12 [complement(74727..74840)], rps12 [147115..147140], trnI-GAU [108229..108270], trnI-GAU [109211..109245], trnA-UGC [109310..109347], trnA-UGC [110149..110183], trnA-UGC [complement(140531..140565)], trnA-UGC [complement(141367..141404)], trnI-GAU [complement(141469..141503)], trnI-GAU [complement(142444..142485)]	trnK-UUU [complement(1421..4044)], rps16 [complement(5001..5840)], trnG-GCC [10237..10930], atpF [complement(13334..14134)], rpoC1 [complement(23851..24559)], ycf3 [complement(45275..45992)], ycf3 [complement(46221..46959)], trnL-UAA [50440..50997], trnV-UAC [complement(54996..55567)], clpP [complement(75229..75893)], clpP [complement(76185..77014)], petB [80010..80802], petD [81643..82383], rpl16 [complement(86804..87884)], rpl2 [complement(90230..90888)], ndhB [complement(101259..101958)], trnI-GAU [108271..109210], trnA-UGC [109348..110148], ndhA [complement(126572..127642)], trnA-UGC [complement(140566..141366)], trnI-GAU [complement(141504..142443)], ndhB [148756..149455], rpl2 [159826..160484]
3641.	ULA	11	rps12 [complement(72641..72754)], trnK [complement(1447..1481)], trnK	trnK [complement(1482..4082)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	M		[complement(4083..4119)], trnL-UAA [8836..8878], trnL-UAA [10231..10278], trnA [complement(138871..138897)], trnA [complement(139708..139737)]	[8879..10230], trnA [complement(138898..139707)], ndhB [147011..147690]
3642.	ULCH	32	rps12 [complement(101767..101795)], rps12 [complement(102334..102565)], rps12 [complement(73509..73622)], trnL-UAA [9413..9465], trnL-UAA [9562..9593], rpoC1 [complement(22207..23817)], rpoC1 [complement(24660..25094)], ycf3 [complement(45017..45169)], ycf3 [complement(45920..46149)], ycf3 [complement(47001..47127)], rps12 [complement(73509..73622)], rps12 [145794..146025], rps12 [146564..146592], rpl2 [complement(88468..88937)], rpl2 [complement(89584..89977)], ndhB [complement(98715..99470)], ndhB [complement(100151..100927)], ndhA [complement(124866..125404)], ndhA [complement(126942..127497)], ycf1 [complement(129495..132745)], ycf1 [complement(132788..135188)], ndhB [147432..148208], ndhB [148889..149644]	trnL-UAA [9466..9561], rpoC1 [complement(23818..24659)], ycf3 [complement(45170..45919)], ycf3 [complement(46150..47000)], rpl2 [complement(88938..89583)], ndhB [complement(99471..100150)], ndhA [complement(125405..126941)], ycf1 [complement(132746..132787)], ndhB [148209..148888]
3643.	ULDA	29	rps12 [complement(101234..101262)], rps12 [complement(101801..102032)], rps12 [complement(72947..73060)], trnL-UAA [9039..9076], trnL-UAA [9194..9228], rpoC1 [complement(21839..23449)], rpoC1 [complement(24271..24705)], ycf3 [complement(44549..44701)], ycf3 [complement(45453..45682)], ycf3 [complement(46510..46636)], rps12 [complement(72947..73060)], rps12 [145056..145287], rps12 [145826..145854], rpl2 [complement(87935..88404)], rpl2 [complement(89051..89444)], ndhA [complement(124192..124730)], ndhA [complement(126242..126803)], ycf1 [complement(128774..132006)], ycf1 [complement(132049..134449)], rpl2 [157644..158034], rpl2 [158684..159153]	trnL-UAA [9077..9193], rpoC1 [complement(23450..24270)], ycf3 [complement(44702..45452)], ycf3 [complement(45683..46509)], rpl2 [complement(88405..89050)], ndhA [complement(124731..126241)], ycf1 [complement(132007..132048)], rpl2 [158035..158683]
3644.	ULGA	29	rps12 [complement(102009..102037)], rps12 [complement(102576..102807)], rps12 [complement(73700..73813)], trnL-UAA [9601..9637], trnL-UAA [9734..9765], rpoC1 [complement(22369..23979)], rpoC1 [complement(24808..25242)], ycf3 [complement(45109..45261)], ycf3 [complement(46014..46243)], ycf3 [complement(47086..47212)], rps12 [complement(73700..73813)], rps12 [146163..146394], rps12 [146933..146961], rpl2 [complement(88710..89179)], rpl2	trnL-UAA [9638..9733], rpoC1 [complement(23980..24807)], ycf3 [complement(45262..46013)], ycf3 [complement(46244..47085)], rpl2 [complement(89180..89825)], ndhA [complement(125785..127309)], ycf1 [complement(133115..133156)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(89826..90219)], ndhA [complement(125246..125784)], ndhA [complement(127310..127865)], ycf1 [complement(129861..133114)], ycf1 [complement(133157..135557)], ndhB [147801..148577], ndhB [149258..150013]	[148578..149257]
3645.	ULLA	26	rps12 [complement(101209..101237)], rps12 [complement(101776..102007)], rps12 [complement(72935..73048)], trnL-UAA [9455..9492], trnL-UAA [9611..9643], rpoC1 [complement(22177..23787)], rpoC1 [complement(24635..25069)], ycf3 [complement(44898..45050)], ycf3 [complement(45802..46031)], ycf3 [complement(46859..46985)], rps12 [complement(72935..73048)], rps12 [144980..145211], rps12 [145750..145778], rpl2 [complement(87910..88379)], rpl2 [complement(89026..89419)], ndhA [complement(124153..124691)], ndhA [complement(126203..126758)], ycf1 [complement(128729..131961)], ycf1 [complement(132004..134404)]	trnL-UAA [9493..9610], rpoC1 [complement(23788..24634)], ycf3 [complement(45051..45801)], ycf3 [complement(46032..46858)], rpl2 [complement(88380..89025)], ndhA [complement(124692..126202)], ycf1 [complement(131962..132003)]
3646.	ULM A	29	rps12 [complement(101676..101704)], rps12 [complement(102243..102474)], rps12 [complement(73368..73481)], trnL-UAA [9504..9541], trnL-UAA [9660..9692], rpoC1 [complement(22263..23873)], rpoC1 [complement(24721..25155)], ycf3 [complement(44999..45151)], ycf3 [complement(45903..46132)], ycf3 [complement(46953..47079)], rps12 [complement(73368..73481)], rps12 [145514..145745], rps12 [146284..146312], rpl2 [complement(88377..88846)], rpl2 [complement(89493..89886)], ndhA [complement(124651..125189)], ndhA [complement(126701..127262)], ycf1 [complement(129233..132465)], ycf1 [complement(132508..134908)], ndhB [147152..147928], ndhB [148609..149364]	trnL-UAA [9542..9659], rpoC1 [complement(23874..24720)], ycf3 [complement(45152..45902)], ycf3 [complement(46133..46952)], rpl2 [complement(88847..89492)], ndhA [complement(125190..126700)], ycf1 [complement(132466..132507)], ndhB [147929..148608]
3647.	ULPU	21	rps12 [complement(101280..101308)], rps12 [complement(101847..102078)], rps12 [complement(72975..73088)], trnL-UAA [9452..9489], trnL-UAA [9608..9640], rpoC1 [complement(22096..23706)], rpoC1 [complement(24485..24940)], rps12 [complement(72975..73088)], rps12 [145109..145340], rps12 [145879..145907], rpl2 [complement(87981..88450)], rpl2 [complement(89097..89490)], ndhA [complement(124249..124787)], ndhA [complement(126299..126860)], ycf1 [complement(128831..132063)],	trnL-UAA [9490..9607], rpoC1 [complement(23707..24484)], rpl2 [complement(88451..89096)], ndhA [complement(124788..126298)], ycf1 [complement(132064..132105)]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ycf1 [complement(132106..134506)]	
3648.	UNPA	64	rps12 [complement(89132..89160)], rps12 [complement(89701..89932)], rps12 [complement(67534..67647)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3918..3955)], rps16 [complement(4465..4682)], rps16 [complement(5527..5566)], trnG-UCC [complement(12875..12922)], trnG-UCC [complement(13603..13625)], atpF [33307..33465], atpF [34278..34685], ycf3 [complement(42477..42635)], ycf3 [complement(43370..43597)], ycf3 [complement(44344..44469)], trnL-UAA [47246..47280], trnL-UAA [47822..47871], trnV-UAC [complement(51421..51467)], trnV-UAC [complement(52053..52091)], rps12 [126034..126265], rps12 [126806..126834], petB [71391..71396], petB [72185..72832], petD [73015..73022], petD [73762..74236], rpl16 [complement(77797..78198)], rpl16 [complement(79256..79264)], rpl2 [complement(81211..81642)], rpl2 [complement(82306..82695)], ndhB [complement(86068..86824)], ndhB [complement(87537..88312)], trnI-GAU [93753..93794], trnI-GAU [94505..94539], trnA-UGC [94605..94642], trnA-UGC [95453..95487], ndhA [complement(110992..111531)], ndhA [complement(112553..113101)], trnA-UGC [complement(120479..120513)], trnA-UGC [complement(121324..121361)], trnI-GAU [complement(121427..121461)], trnI-GAU [complement(122172..122213)], ndhB [127654..128430], ndhB [129143..129898], rpl2 [133271..133660], rpl2 [134324..134755]	trnK-UUU [complement(1411..3917)], rps16 [complement(4683..5526)], trnG-UCC [complement(12923..13602)], atpF [33466..34277], ycf3 [complement(42636..43369)], ycf3 [complement(43598..44343)], trnL-UAA [47281..47821], trnV-UAC [complement(51468..52052)], petB [71397..72184], petD [73023..73761], rpl16 [complement(78199..79255)], rpl2 [complement(81643..82305)], ndhB [complement(86825..87536)], trnI-GAU [93795..94504], trnA-UGC [94643..95452], ndhA [complement(111532..112552)], trnA-UGC [complement(120514..121323)], trnI-GAU [complement(121462..122171)], ndhB [128431..129142], rpl2 [133661..134323]
3649.	URBR	38	rps12 [complement(90980..91009)], rps12 [complement(91541..91780)], rps12 [complement(68081..68194)], trnK-UUU [complement(1362..1394)], trnK-UUU [complement(3876..3913)], trnL-UAA [47776..47810], trnL-UAA [48350..48399], trnV-UAC [complement(51949..51985)], trnV-UAC [complement(52588..52626)], rps12 [128175..128405], rps12 [128946..128975], rpl16 [complement(78303..78707)], rpl16 [complement(79661..79669)], trnI-GAU [95577..95618], trnI-GAU [96566..96600], trnA-UGC [96666..96703], trnA-UGC [97514..97548], trnA-UGC [complement(122402..122436)], trnA-UGC [complement(123247..123284)], trnI-GAU [complement(123350..123384)], trnI-GAU [complement(124332..124373)]	trnK-UUU [complement(1395..3875)], rps16 [complement(4632..5470)], atpF [34147..34957], ycf3 [complement(43318..44048)], ycf3 [complement(44277..45017)], trnL-UAA [47811..48349], trnV-UAC [complement(51986..52587)], rpl16 [complement(78708..79660)], rpl2 [complement(82017..82676)], ndhB [complement(88674..89383)], trnI-GAU [95619..96565], trnA-UGC [96704..97513],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				ndhA [complement(113540..114520)], trnA-UGC [complement(122437..123246)], trnI-GAU [complement(123385..124331)], ndhB [130572..131281], rpl2 [137279..137938]
3650.	URDE	36	rps12 [complement(90977..91006)], rps12 [complement(91538..91777)], rps12 [complement(68121..68234)], trnK-UUU [complement(1371..1403)], trnK-UUU [complement(3883..3920)], trnL-UAA [47830..47864], trnL-UAA [48409..48458], trnV-UAC [complement(52004..52040)], trnV-UAC [complement(52643..52681)], rps12 [128174..128404], rps12 [128945..128974], trnI-GAU [95574..95615], trnI-GAU [96563..96597], trnA-UGC [96663..96700], trnA-UGC [97511..97545], trnA-UGC [complement(122401..122435)], trnA-UGC [complement(123246..123283)], trnI-GAU [complement(123349..123383)], trnI-GAU [complement(124331..124372)]	trnK-UUU [complement(1404..3882)], rps16 [complement(4636..5475)], atpF [34203..35013], ycf3 [complement(43373..44102)], ycf3 [complement(44331..45071)], trnL-UAA [47865..48408], trnV-UAC [complement(52041..52642)], rpl16 [complement(78746..79661)], rpl2 [complement(82014..82673)], ndhB [complement(88671..89380)], trnI-GAU [95616..96562], trnA-UGC [96701..97510], ndhA [complement(113538..114519)], trnA-UGC [complement(122436..123245)], trnI-GAU [complement(123384..124330)], ndhB [130571..131280], rpl2 [137278..137937]
3651.	URHE	44	rps12 [complement(72610..72717)], trnK-UUU [complement(1673..1707)], trnK-UUU [complement(4162..4198)], trnG-UCC [complement(9311..9333)], trnG-UCC [complement(10037..10084)], trnL-UAA [complement(50064..50094)], trnL-UAA [complement(50581..50630)], trnV-UAC [complement(54905..54938)], trnV-UAC [complement(55524..55568)], rps12 [144402..144427], petB [77804..77809], rpl2 [complement(88297..88693)], trnI-GAU [105644..105680], trnI-GAU [106627..106661], trnA-UGC [106726..106763], trnA-UGC [107562..107596], trnA-UGC [complement(137739..137773)], trnA-UGC [complement(138572..138609)], trnI-GAU [complement(138674..138708)], trnI-GAU [complement(139655..139691)], rpl2 [156642..157038]	trnK-UUU [complement(1708..4161)], rps16 [complement(5166..6031)], trnG-UCC [complement(9334..10036)], atpF [complement(12445..13170)], rpoC1 [complement(22792..23480)], ycf3 [complement(44674..45374)], ycf3 [complement(45605..46310)], trnL-UAA [complement(50095..50580)], trnV-UAC [complement(54939..55523)], clpP [complement(73137..73789)], clpP [complement(74079..74887)], petB [77810..78613], petD [79455..80164], rpl16 [complement(84484..85456)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(87635..88296)], ndhB [complement(98573..99287)], trnI-GAU [105681..106626], trnA-UGC [106764..107561], ndhA [complement(124119..124973)], trnA-UGC [complement(137774..138571)], trnI-GAU [complement(138709..139654)], ndhB [146048..146762], rpl2 [157039..157700]
3652.	URRE	64	rps12 [complement(92119..92147)], rps12 [complement(92688..92919)], rps12 [complement(69225..69338)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3909..3946)], rps16 [complement(4483..4700)], rps16 [complement(5535..5574)], trnG-UCC [complement(13305..13352)], trnG- UCC [complement(14032..14054)], atpF [35009..35167], atpF [35983..36390], ycf3 [complement(44184..44342)], ycf3 [complement(45074..45301)], ycf3 [complement(46033..46164)], trnL [48842..48876], trnL [49423..49472], trnV- UAC [complement(53005..53041)], trnV-UAC [complement(53644..53682)], rps12 [129416..129647], rps12 [130188..130216], petB [73086..73091], petB [73844..74491], petD [74680..74687], petD [75423..75897], rpl16 [complement(79435..79836)], rpl16 [complement(80758..80766)], rpl2 [complement(82736..83167)], rpl2 [complement(83831..84220)], ndhB [complement(89057..89812)], ndhB [complement(90523..91299)], trnI-GAU [96721..96762], trnI-GAU [97710..97744], trnA-UGC [97810..97847], trnA- UGC [98658..98692], ndhA [complement(114207..114746)], ndhA [complement(115738..116277)], trnA-UGC [complement(123643..123677)], trnA-UGC [complement(124488..124525)], trnI-GAU [complement(124591..124625)], trnI-GAU [complement(125573..125614)], ndhB [131036..131812], ndhB [132523..133278], rpl2 [138115..138504], rpl2 [139168..139599]	trnK-UUU [complement(1410..3908)], rps16 [complement(4701..5534)], trnG-UCC [complement(13353..14031)], atpF [35168..35982], ycf3 [complement(44343..45073)], ycf3 [complement(45302..46032)], trnL [48877..49422], trnV-UAC [complement(53042..53643)], petB [73092..73843], petD [74688..75422], rpl16 [complement(79837..80757)], rpl2 [complement(83168..83830)], ndhB [complement(89813..90522)], trnI-GAU [96763..97709], trnA-UGC [97848..98657], ndhA [complement(114747..115737)], trnA- UGC [complement(123678..124487)], trnI- GAU [complement(124626..125572)], ndhB [131813..132522], rpl2 [138505..139167]
3653.	URRO	44	rps12 [complement(72606..72719)], trnK-UUU [complement(1696..1730)], trnK-UUU [complement(4203..4239)], trnG-UCC [complement(9299..9321)], trnG-UCC [complement(10022..10067)], trnL-UAA [complement(50071..50084)], trnL-UAA [complement(50570..50619)], trnV-	trnK-UUU [complement(1731..4202)], rps16 [complement(5201..6069)], trnG-UCC [complement(9322..10021)], atpF [complement(12429..13121)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(54947..54979)], trnV-UAC [complement(55566..55610)], rps12 [144566..144591], petB [77866..77871], rpl2 [complement(88385..88787)], trnI-GAU [105785..105821], trnI-GAU [106754..106788], trnA-UGC [106853..106890], trnA-UGC [107689..107723], trnA-UGC [complement(137917..137951)], trnA-UGC [complement(138750..138787)], trnI-GAU [complement(138852..138886)], trnI-GAU [complement(139819..139855)], rpl2 [156853..157255]	[complement(22763..23485)], ycf3 [complement(44620..45374)], ycf3 [complement(45605..46316)], trnL-UAA [complement(50085..50569)], trnV-UAC [complement(54980..55565)], clpP [complement(73166..73818)], clpP [complement(74108..74916)], petB [77872..78719], petD [79560..80245], rpl16 [complement(84583..85548)], rpl2 [complement(87731..88384)], ndhB [complement(98705..99419)], trnI-GAU [105822..106753], trnA-UGC [106891..107688], ndhA [complement(124252..125100)], trnA-UGC [complement(137952..138749)], trnI-GAU [complement(138887..139818)], ndhB [146221..146935], rpl2 [157256..157909]
3654.	URRU	37	rps12 [complement(90781..90810)], rps12 [complement(91351..91581)], rps12 [complement(67868..67981)], trnK-UUU [complement(1375..1407)], trnK-UUU [complement(3886..3923)], rps16 [complement(4427..4639)], trnL-UAA [47546..47580], trnL-UAA [48122..48171], trnV-UAC [complement(51722..51758)], trnV-UAC [complement(52361..52399)], rps12 [127988..128218], rps12 [128759..128788], trnI-GAU [95378..95419], trnI-GAU [96367..96401], trnA-UGC [96467..96504], trnA-UGC [97315..97349], trnA-UGC [complement(122215..122249)], trnA-UGC [complement(123060..123097)], trnI-GAU [complement(123167..123197)], trnI-GAU [complement(124145..124186)]	trnK-UUU [complement(1408..3885)], rps16 [complement(4640..5481)], atpF [33927..34737], ycf3 [complement(43102..43835)], ycf3 [complement(44064..44805)], trnL-UAA [47581..48121], trnV-UAC [complement(51759..52360)], rpl16 [complement(78486..79452)], rpl2 [complement(81807..82466)], ndhB [complement(88475..89184)], trnI-GAU [95420..96366], trnA-UGC [96505..97314], ndhA [complement(113323..114328)], trnA-UGC [complement(122250..123059)], trnI-GAU [complement(123198..124144)], ndhB [130385..131094], rpl2 [137098..137757]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3655.	URSE	35	rps12 [complement(89656..89964)], rps12 [complement(67519..67635)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3901..3938)], rps16 [complement(4481..4535)], rps16 [complement(5272..5573)], atpF [33455..33614], atpF [34435..34841], ycf3 [complement(42565..42723)], ycf3 [complement(43450..43678)], ycf3 [complement(44410..44543)], trnL-UAA [47281..47315], trnL-UAA [47867..47916], rps12 [125813..126106], rpl2 [complement(81193..81620)], rpl2 [complement(82278..82689)], ndhB [complement(86025..86780)], ndhB [complement(87400..88269)], ndhA [complement(110887..111425)], ndhA [complement(112447..112999)], ndhB [127493..128359], ndhB [128982..129737], rpl2 [133073..133481], rpl2 [134142..134569]	trnK-UUU [complement(1411..3900)], rps16 [complement(4536..5271)], atpF [33615..34434], ycf3 [complement(42724..43449)], ycf3 [complement(43679..44409)], trnL-UAA [47316..47866], rpl2 [complement(81621..82277)], ndhB [complement(86781..87399)], ndhA [complement(111426..112446)], ndhB [128360..128981], rpl2 [133482..134141]
3656.	UTGI	42	rps12 [complement(94826..94851)], rps12 [complement(95388..95619)], rps12 [complement(67594..67707)], trnK-UUU [complement(1655..1689)], trnK-UUU [complement(4144..4180)], trnG-UCC [8463..8495], trnG-UCC [9169..9216], trnL-UAA [45658..45692], trnL-UAA [46180..46229], trnV-UAC [complement(50010..50046)], trnV-UAC [complement(50603..50640)], rps12 [138313..138544], rps12 [139081..139106], trnI-GAU [99295..99336], trnI-GAU [100277..100311], trnA-UGC [100376..100413], trnA-UGC [101232..101266], trnA-UGC [complement(132666..132700)], trnA-UGC [complement(133519..133556)], trnI-GAU [complement(133621..133655)], trnI-GAU [complement(134596..134637)]	trnK-UUU [complement(1690..4143)], rps16 [complement(5266..6130)], trnG-UCC [8496..9168], atpF [complement(11521..12199)], rpoC1 [complement(21790..22553)], ycf3 [complement(41759..42474)], ycf3 [complement(42703..43383)], trnL-UAA [45693..46179], trnV-UAC [complement(50047..50602)], clpP [complement(68100..68745)], clpP [complement(69037..69761)], petB [72723..73461], rpl16 [complement(79294..80143)], rpl2 [complement(82254..82914)], ndhB [complement(92563..93248)], trnI-GAU [99337..100276], trnA-UGC [100414..101231], ndhA [complement(116364..117428)], trnA-UGC [complement(132701..133518)], trnI-GAU [complement(133656..134595)], ndhB [140684..141369]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3657.	UTM A	41	rps16 [complement(5295..5521)], rps16 [complement(6361..6400)], ycf3 [complement(43220..43372)], ycf3 [complement(44105..44334)], ycf3 [complement(45024..45147)], rpl2 [139852..139877], rpl36 [complement(69983..70210)], rpl36 [complement(70881..71172)], rpl36 [complement(71888..71958)], rps19 [74837..74842], rps19 [75594..76235], rpl2 [76426..76433], rpl2 [77148..77622], rpl16 [complement(81054..81452)], rpl16 [complement(82329..82337)]	trnK [complement(4382..1849)], trnV [complement(52609..51961)], petD [complement(97254..97789)], petD [complement(98022..69777)], trnA [complement(134126..133235)], trnI [complement(135207..134195)], rps16 [complement(5522..6360)], trnG [9544..10227], atpF [complement(12581..13252)], rpoC1 [complement(22904..23676)], ycf3 [complement(43373..44104)], ycf3 [complement(44335..45023)], trnL [47723..48208], rpl2 [complement(69892..139083)], rpl2 [139316..139851], rpl36 [complement(70211..70880)], rpl36 [complement(71173..71887)], rps19 [74843..75593], rpl2 [76434..77147], rpl16 [complement(81453..82328)], rpl2 [complement(84441..85102)], ndhB [complement(94966..95650)], trnI [101936..102874], trnA [103018..103834], ndhB [141455..142139], rpl2 [152003..152664]
3658.	UTRE	33	rps12 [74686..74799], rps12 [48066..48296], rps12 [48833..48859], rps12 [complement(12494..12724)], rps12 [complement(11931..11957)], trnI-GAU [16412..16452], trnI-GAU [17390..17424], trnA-UGC [17489..17526], trnA-UGC [18344..18378], trnA-UGC [complement(42412..42447)], trnA-UGC [complement(43265..43301)], trnI-GAU [complement(43366..43405)], trnI-GAU [complement(44344..44378)], trnV-UAC [91505..91542], trnV-UAC [92113..92149], trnL-UAA [complement(93435..93482)], trnL-UAA [complement(93968..94006)], trnG-UCC [complement(130537..130596)],	rpl2 [complement(542..1203)], rpl2 [59587..60248], petD [complement(67400..68076)], petB [complement(68917..69655)], clpP [72621..73349], clpP [73644..74301], trnL-UAA [complement(93483..93967)], ycf3 [96301..97005], ycf3 [97234..97968], rpoC1 [117333..118089], atpF [127562..128231],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnG-UCC [complement(131258..131289)], trnK-UUU [135490..135526], trnK-UUU [137967..138002]	rps16 [133657..134518]
3659.	UVM A	75	rps12 [complement(107604..107633)], rps12 [complement(108173..108403)], rps12 [complement(76242..76355)], trnK-UUU [complement(1759..1793)], trnK-UUU [complement(4325..4361)], rps16 [complement(5011..5239)], rps16 [complement(6039..6079)], trnG-UCC [10120..10143], trnG-UCC [10928..10975], atpF [complement(12955..13368)], atpF [complement(14372..14515)], rpoC1 [complement(22481..24091)], rpoC1 [complement(24834..25265)], ycf3 [complement(45962..46114)], ycf3 [complement(46840..47067)], ycf3 [complement(47813..47938)], trnL-UAA [51131..51165], trnL-UAA [51653..51702], trnV-UAC [complement(56479..56515)], trnV-UAC [complement(57098..57136)], rps12 [167961..168191], rps12 [168730..168756], clpP [complement(76940..77209)], clpP [complement(77849..78142)], clpP [complement(78973..79041)], petB [81945..81950], petB [82785..83438], petD [83637..83644], petD [84344..84923], rpl2 [complement(92936..93367)], rpl2 [complement(94037..94420)], ndhB [complement(104534..105289)], ndhB [complement(105982..106758)], trnI-GAU [112622..112663], trnI-GAU [113599..113633], trnA-UGC [113698..113735], trnA-UGC [114542..114576], ndhA [127494..128057], ndhA [129150..129689], ndhA [complement(146675..147214)], ndhA [complement(148319..148870)], trnA-UGC [complement(161788..161822)], trnA-UGC [complement(162629..162666)], trnI-GAU [complement(162731..162765)], trnI-GAU [complement(163701..163742)], ndhB [169606..170382], ndhB [171075..171830], rpl2 [181944..182327], rpl2 [182997..183428], petD [complement(191441..192020)], petD [complement(192720..192727)]	trnK-UUU [complement(1794..4324)], rps16 [complement(5240..6038)], trnG-UCC [10144..10927], atpF [complement(13369..14371)], rpoC1 [complement(24092..24833)], ycf3 [complement(46115..46839)], ycf3 [complement(47068..47812)], trnL-UAA [51166..51652], trnV-UAC [complement(56516..57097)], clpP [complement(77210..77848)], clpP [complement(78143..78972)], petB [81951..82784], petD [83645..84343], rpl2 [complement(93368..94036)], ndhB [complement(105290..105981)], trnI-GAU [112664..113598], trnA-UGC [113736..114541], ndhA [128058..129149], ndhA [complement(147215..148318)], trnA-UGC [complement(161823..162628)], trnI-GAU [complement(162766..163700)], ndhB [170383..171074], rpl2 [182328..182996], petD [complement(192021..192719)]
3660.	VAAP	40	trnK-UUU [complement(1425..1450)], trnK-UUU [complement(4448..4478)], trnG-GCC [9350..9380], trnG-GCC [10093..10151], ycf3 [complement(42675..42827)], ycf3 [complement(43751..43978)], ycf3 [complement(44750..44875)], trnL-UAA [47502..47536], trnL-UAA [48201..48250], trnV-UAC [complement(49302..49336)], trnV-UAC [complement(50003..50041)], clpP [complement(70119..70479)], clpP	trnK-UUU [complement(1451..4447)], trnG-GCC [9381..10092], ycf3 [complement(42828..43750)], ycf3 [complement(43979..44749)], trnL-UAA [47537..48200], trnV-UAC [complement(49337..50002)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(71248..71538)], clpP [complement(72509..72579)], petB [76479..76484], petB [76709..77350], rpl16 [complement(84239..84694)], rpl16 [complement(86102..86110)], trnI-GAU [103683..103719], trnI-GAU [104717..104751], trnA-UGC [104825..104862], trnA-UGC [105695..105728], trnA-UGC [complement(131817..131850)], trnA-UGC [complement(132683..132720)], trnI-GAU [complement(132794..132828)], trnI-GAU [complement(133826..133862)]	[complement(70480..71247)], clpP [complement(71539..72508)], petB [76485..76708], rpl16 [complement(84695..86101)], trnI-GAU [103720..104716], trnA-UGC [104863..105694], trnA-UGC [complement(131851..132682)], trnI-GAU [complement(132829..133825)]
3661.	VABR	64	rps12 [complement(99994..100019)], rps12 [complement(100567..100798)], rps12 [complement(70345..70458)], trnK-UUU [complement(1395..1420)], trnK-UUU [complement(4404..4440)], rps16 [complement(4923..5167)], rps16 [complement(6052..6091)], trnG-GCC [9650..9672], trnG-GCC [10367..10413], atpF [complement(12348..12758)], atpF [complement(13741..13884)], rpoC1 [complement(21264..22880)], rpoC1 [complement(23631..24065)], ycf3 [complement(43702..43854)], ycf3 [complement(44601..44830)], ycf3 [complement(45551..45674)], trnL-UAA [48200..48234], trnL-UAA [49027..49076], trnV-UAC [complement(51917..51951)], trnV-UAC [complement(52534..52572)], rps12 [complement(70345..70458)], rps12 [134202..134433], rps12 [134981..135006], clpP [complement(70592..70843)], clpP [complement(71524..71814)], clpP [complement(72831..72899)], petB [76456..76461], petB [77203..77844], petD [78030..78037], petD [78890..79373], rpl16 [complement(82948..83346)], rpl16 [complement(84559..84567)], rpl2 [complement(86548..86979)], rpl2 [complement(87641..88027)], trnI-GAU [104803..104844], trnI-GAU [105776..105810], trnA-UGC [105874..105911], trnA-UGC [106714..106748], trnA-UGC [complement(128252..128286)], trnA-UGC [complement(129089..129126)], trnI-GAU [complement(129190..129224)], trnI-GAU [complement(130156..130197)], rpl2 [146973..147359], rpl2 [148021..148452]	trnK-UUU [complement(1421..4403)], rps16 [complement(5168..6051)], trnG-GCC [9673..10366], atpF [complement(12759..13740)], rpoC1 [complement(22881..23630)], ycf3 [complement(43855..44600)], ycf3 [complement(44831..45550)], trnL-UAA [48235..49026], trnV-UAC [complement(51952..52533)], clpP [complement(70844..71523)], clpP [complement(71815..72830)], petB [76462..77202], petD [78038..78889], rpl16 [complement(83347..84558)], rpl2 [complement(86980..87640)], trnI-GAU [104845..105775], trnA-UGC [105912..106713], trnA-UGC [complement(128287..129088)], trnI-GAU [complement(129225..130155)], rpl2 [147360..148020]
3662.	VAFL	24	trnK-UUU [complement(1850..1884)], trnK-UUU [complement(4480..4516)], trnG-UCC [11603..11625], trnG-UCC [12333..12381], trnL-UAA	trnK-UUU [complement(1885..4479)], trnG-UCC [11626..12332], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[54787..54821], trnL-UAA [55355..55404], trnV-UAC [complement(59212..59248)], trnV-UAC [complement(59866..59904)], trnI-GAU [112770..112811], trnI-GAU [113760..113794], trnA-UGC [113859..113896], trnA-UGC [114699..114733], trnA-UGC [complement(145317..145351)], trnA-UGC [complement(146154..146191)], trnI-GAU [complement(146256..146290)], trnI-GAU [complement(147239..147280)]	[54822..55354], trnV-UAC [complement(59249..59865)], trnI-GAU [112812..113759], trnA-UGC [113897..114698], trnA-UGC [complement(145352..146153)], trnI-GAU [complement(146291..147238)]
3663.	VAHE	24	rps12 [complement(71265..71378)], rps12 [144701..144726]	trnK-UUU [complement(1860..4390)], rps16 [complement(5962..6773)], trnG-UCC [8985..9681], atpF [complement(12123..12836)], rpoC1 [complement(22628..23364)], ycf3 [complement(43984..44740)], ycf3 [complement(44971..45694)], trnL-UAA [49016..49443], trnV-UAC [complement(54144..54735)], clpP [complement(72796..73446)], clpP [complement(73738..74341)], petB [77560..78390], petD [79257..80009], rpl16 [complement(84363..85523)], rpl2 [complement(87726..88406)], ndhB [complement(98947..99646)], trnI-GAU [105487..106434], trnA-UGC [106572..107371], ndhA [complement(124607..125623)], trnA-UGC [complement(138586..139385)], trnI-GAU [complement(139523..140470)], ndhB [146311..147010]
3664.	VAM A	33	psbA [complement(175220..176045)], psbA [complement(1..236)], ycf3 [complement(4467..4619)], trnL-UAA [8931..8967], trnL-UAA [9457..9506], trnV-UAC [complement(12608..12644)], trnV-UAC [complement(13231..13269)], rpoC1 [complement(73813..75450)], ndhB	psbA [complement(176046..0)], ycf3 [complement(4620..5350)], ycf3 [complement(5579..6289)], trnL-UAA [8968..9456], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98992..99747)], trnI-GAU [111434..111475], trnI-GAU [112417..112451], trnA-UGC [112516..112553], trnA-UGC [113361..113395], ndhA [124724..125287], ndhA [126379..126918], trnA-UGC [complement(167203..167237)], trnA-UGC [complement(168045..168082)], trnI-GAU [complement(168147..168181)], trnI-GAU [complement(169123..169164)]	[complement(12645..13230)], rpoC1 [complement(75451..76174)], rpoA [complement(85372..85382)], ndhB [complement(99748..100426)], trnI-GAU [111476..112416], trnA-UGC [112554..113360], ndhA [125288..126378], ndhA [complement(154220..155310)], trnA-UGC [complement(167238..168044)], trnI-GAU [complement(168182..169122)]
3665.	VAM N	53	rps12 [complement(96873..97130)], rps12 [complement(70614..70727)], trnK-UUU [complement(1740..1774)], trnK-UUU [complement(4321..4354)], rpoC1 [complement(18984..20594)], rpoC1 [complement(21371..21802)], ycf3 [complement(42151..42303)], ycf3 [complement(43027..43254)], ycf3 [complement(44002..44127)], trnL-UAA [47323..47359], trnL-UAA [47864..47913], trnV-UAC [complement(51835..51871)], trnV-UAC [complement(52460..52498)], rps12 [137995..138252], petB [75292..75297], petB [76100..76741], petD [76959..76966], petD [77644..78118], rpl2 [complement(83642..84076)], rpl2 [complement(84754..85146)], ndhB [complement(93809..94564)], ndhB [complement(95251..96027)], trnI-GAU [100708..100749], trnI-GAU [101691..101725], trnA-UGC [101793..101830], trnA-UGC [102621..102656], ndhA [115145..115696], ndhA [116748..117278], trnA-UGC [complement(132470..132504)], trnA-UGC [complement(133295..133332)], trnI-GAU [complement(133400..133434)], trnI-GAU [complement(134376..134417)], ndhB [139098..139874], ndhB [140561..141316], rpl2 [149979..150371], rpl2 [151049..151483]	trnK-UUU [complement(1775..4320)], rpoC1 [complement(20595..21370)], ycf3 [complement(42304..43026)], ycf3 [complement(43255..44001)], trnL-UAA [47360..47863], trnV-UAC [complement(51872..52459)], petB [75298..76099], petD [76967..77643], rpl2 [complement(84077..84753)], ndhB [complement(94565..95250)], trnI-GAU [100750..101690], trnA-UGC [101831..102620], ndhA [115697..116747], trnA-UGC [complement(132505..133294)], trnI-GAU [complement(133435..134375)], ndhB [139875..140560], rpl2 [150372..151048]
3666.	VAM U	64	rps12 [complement(88741..88769)], rps12 [complement(89310..89541)], rps12 [complement(67127..67240)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3909..3946)], rps16 [complement(4502..4719)], rps16 [complement(5557..5596)], trnG-UCC [complement(12867..12914)], trnG-UCC [complement(13597..13619)], atpF [33392..33550], atpF [34360..34767], ycf3 [complement(42513..42671)], ycf3 [complement(43400..43627)], ycf3 [complement(44376..44501)], trnL-UAA [46813..46847], trnL-UAA	trnK-UUU [complement(1411..3908)], rps16 [complement(4720..5556)], trnG-UCC [complement(12915..13596)], atpF [33551..34359], ycf3 [complement(42672..43399)], ycf3 [complement(43628..44375)], trnL-UAA [46848..47401], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[47402..47451], trnV-UAC [complement(51045..51091)], trnV-UAC [complement(51679..51717)], rps12 [125605..125836], rps12 [126377..126405], petB [70973..70978], petB [71761..72408], petD [72608..72615], petD [73356..73830], rpl16 [complement(77389..77790)], rpl16 [complement(78870..78878)], rpl2 [complement(80822..81253)], rpl2 [complement(81914..82306)], ndhB [complement(85668..86424)], ndhB [complement(87137..87912)], trnI-GAU [93371..93412], trnI-GAU [94123..94157], trnA-UGC [94221..94260], trnA-UGC [95071..95105], ndhA [complement(110557..111096)], ndhA [complement(112120..112668)], trnA-UGC [complement(120041..120075)], trnA-UGC [complement(120886..120923)], trnI-GAU [complement(120989..121023)], trnI-GAU [complement(121734..121775)], ndhB [127234..128009], ndhB [128722..129478], rpl2 [132840..133232], rpl2 [133893..134324]	[complement(51092..51678)], petB [70979..71760], petD [72616..73355], rpl16 [complement(77791..78869)], rpl2 [complement(81254..81913)], ndhB [complement(86425..87136)], trnI-GAU [93413..94122], trnA-UGC [94261..95070], ndhA [complement(111097..112119)], trnA-UGC [complement(120076..120885)], trnI-GAU [complement(121024..121733)], ndhB [128010..128721], rpl2 [133233..133892]
3667.	VAOF	64	rps12 [complement(99766..99791)], rps12 [complement(100332..100563)], rps12 [complement(72232..72345)], trnK-UUU [complement(1794..1828)], trnK-UUU [complement(4393..4429)], rps16 [complement(5019..5248)], rps16 [complement(6080..6119)], trnG-GCC [9445..9465], trnG-GCC [10167..10213], atpF [complement(12202..12612)], atpF [complement(13321..13464)], rpoC1 [complement(21413..23035)], rpoC1 [complement(23793..24239)], ycf3 [complement(43911..44063)], ycf3 [complement(44836..45065)], ycf3 [complement(45798..45921)], trnL-UAA [48584..48620], trnL-UAA [49115..49167], trnV-UAC [complement(52997..53034)], trnV-UAC [complement(53609..53647)], rps12 [138562..138793], rps12 [139334..139359], petB [76083..76088], petB [76875..77516], petD [77723..77730], petD [78504..78978], rpl16 [complement(82597..82995)], rpl16 [complement(84114..84122)], rpl2 [complement(85851..86284)], rpl2 [complement(86968..87358)], ndhB [complement(96709..97464)], ndhB [complement(98143..98919)], trnI-GAU [104579..104615], trnI-GAU [105565..105597], trnA-UGC [105664..105701], trnA-UGC [106505..106539], ndhA [complement(120419..120957)], ndhA [complement(122080..122632)], trnA-UGC [complement(132586..132620)], trnA-UGC [complement(133424..133461)], trnI-GAU	trnK-UUU [complement(1829..4392)], rps16 [complement(5249..6079)], trnG-GCC [9466..10166], atpF [complement(12613..13320)], rpoC1 [complement(23036..23792)], ycf3 [complement(44064..44835)], ycf3 [complement(45066..45797)], trnL-UAA [48621..49114], trnV-UAC [complement(53035..53608)], petB [76089..76874], petD [77731..78503], rpl16 [complement(82996..84113)], rpl2 [complement(86285..86967)], ndhB [complement(97465..98142)], trnI-GAU [104616..105564], trnA-UGC [105702..106504], ndhA [complement(120958..122079)], trnA-UGC [complement(132621..133423)], trnI-GAU [complement(133561..134509)], ndhB [140983..141660]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(133526..133560)], trnI-GAU [complement(134510..134546)], ndhB [140206..140982], ndhB [141661..142416]	
3668.	VAOL	62	trnK-UUU [complement(2129..2166)], trnK-UUU [complement(4669..4705)], ycf3 [complement(6192..6344)], ycf3 [complement(7077..7304)], ycf3 [complement(8022..8147)], trnL-UAA [10639..10677], trnL-UAA [11164..11215], trnV-UAC [complement(14331..14369)], trnV-UAC [complement(14954..14992)], rps12 [32278..32391], rps12 [complement(105247..105478)], rps12 [complement(104685..104710)], petB [43655..43660], petB [44407..45048], petD [45239..45244], petD [46013..46489], trnG-UCC [63678..63700], trnG-UCC [64380..64428], atpF [complement(66416..66826)], atpF [complement(67542..67685)], rpoC1 [complement(75678..77306)], rpoC1 [complement(78040..78471)], rpl16 [complement(90444..90872)], rpl16 [complement(91903..91911)], ndhB [complement(101614..102369)], ndhB [complement(103055..103831)], rps16 [109662..109703], rps16 [110593..110814], trnI-GAU [115433..115474], trnI-GAU [116416..116450], trnA-UGC [116515..116552], trnA-UGC [117360..117394], ndhA [129468..130019], ndhA [131122..131661], ndhA [complement(150489..151028)], ndhA [complement(152131..152682)], trnA-UGC [complement(164756..164792)], trnA-UGC [complement(165598..165635)], trnI-GAU [complement(165700..165736)], trnI-GAU [complement(166676..166717)], rps16 [complement(171336..171557)], rps16 [complement(172447..172488)]	trnK-UUU [complement(2167..4668)], ycf3 [complement(6345..7076)], ycf3 [complement(7305..8021)], trnL-UAA [10678..11163], trnV-UAC [complement(14370..14953)], petB [43661..44406], petD [45245..46012], trnG-UCC [63701..64379], atpF [complement(66827..67541)], rpoC1 [complement(77307..78039)], rpl16 [complement(90873..91902)], ndhB [complement(102370..103054)], rps16 [109704..110592], trnI-GAU [115475..116415], trnA-UGC [116553..117359], ndhA [130020..131121], ndhA [complement(151029..152130)], trnA-UGC [complement(164793..165597)], trnI-GAU [complement(165737..166675)], rps16 [complement(171558..172446)]
3669.	VAPL	63	rps12 [complement(98644..98658)], rps12 [complement(99216..99455)], rps12 [complement(69736..69849)], trnK-UUU [complement(1438..1463)], trnK-UUU [complement(4328..4358)], rps16 [complement(5213..5412)], rps16 [complement(7040..7079)], trnG-GCC [9322..9344], trnG-GCC [10087..10133], atpF [complement(12231..12683)], atpF [complement(13684..13851)], rpoC1 [complement(22155..23798)], rpoC1 [complement(24476..24910)], ycf3 [complement(43157..43309)], ycf3 [complement(44369..44596)], ycf3 [complement(45398..45523)], trnL-UAA [48045..48079], trnL-UAA [48697..48746], trnV-UAC [complement(49832..49868)], trnV-UAC [complement(50532..50570)], rps12	trnK-UUU [complement(1464..4327)], rps16 [complement(5413..7039)], trnG-GCC [9345..10086], atpF [complement(12684..13683)], rpoC1 [complement(23799..24475)], ycf3 [complement(43310..44368)], ycf3 [complement(44597..45397)], trnL-UAA [48080..48696], trnV-UAC [complement(49869..50531)], clpP [complement(70285..71025)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[134915..135154], rps12 [135712..135726], clpP [complement(69975..70284)], clpP [complement(71026..71316)], clpP [complement(72353..72423)], petD [73594..73601], petD [78212..78731], petB [76136..76141], petB [76374..77015], rpl16 [complement(83302..83715)], rpl16 [complement(85073..85081)], rpl2 [complement(87034..87462)], rpl2 [complement(88130..88522)], trnI-GAU [102363..102399], trnI-GAU [103349..103383], trnA-UGC [103457..103494], trnA-UGC [104321..104355], trnA-UGC [complement(130015..130049)], trnA-UGC [complement(130876..130913)], trnI-GAU [complement(130987..131021)], trnI-GAU [complement(131971..132007)], rpl2 [145848..146240], rpl2 [146908..147336]	[complement(71317..72352)], petD [73602..78211], petB [76142..76373], rpl16 [complement(83716..85072)], rpl2 [complement(87463..88129)], trnI-GAU [102400..103348], trnA-UGC [103495..104320], trnA-UGC [complement(130050..130875)], trnI-GAU [complement(131022..131970)], rpl2 [146241..146907]
3670.	VAPO	22	rps12 [complement(69736..69849)], rps12 [135694..135725]	trnK [complement(1466..4317)], rps16 [complement(5413..7039)], trnG-GCC [9346..10087], atpF [complement(12655..13708)], rpoC1 [complement(23799..24475)], ycf3 [complement(43307..44365)], ycf3 [complement(44594..45392)], trnL-UAA [48081..48697], trnV-UAC [complement(49868..50532)], clpP [complement(70284..71024)], clpP [complement(71317..72352)], petB [75612..76373], petD [77255..78211], rpl16 [complement(83715..85071)], rpl2 [complement(87462..88128)], trnI-GAU [102389..103347], trnA-UGC [103494..104319], trnA-UGC [complement(130049..130874)], trnI-GAU [complement(131021..131979)], rpl2 [146240..146906]
3671.	VASE	24	trnK-UUU [complement(1848..1882)], trnK-UUU [complement(4454..4490)], trnG-UCC [11573..11595], trnG-UCC [12302..12350], trnL-UAA	trnK-UUU [complement(1883..4453)], trnG-UCC [11596..12301], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[54431..54465], trnL-UAA [54999..55048], trnV-UAC [complement(58922..58958)], trnV-UAC [complement(59576..59614)], trnI-GAU [112451..112492], trnI-GAU [113441..113475], trnA-UGC [113540..113577], trnA-UGC [114380..114414], trnA-UGC [complement(144871..144905)], trnA-UGC [complement(145708..145745)], trnI-GAU [complement(145810..145844)], trnI-GAU [complement(146793..146834)]	[54466..54998], trnV-UAC [complement(58959..59575)], trnI-GAU [112493..113440], trnA-UGC [113578..114379], trnA-UGC [complement(144906..145707)], trnI-GAU [complement(145845..146792)]
3672.	VEAR	72	rps12 [complement(99910..99935)], rps12 [complement(100477..100705)], rps12 [complement(71180..71293)], trnK-UUU [complement(1509..1543)], trnK-UUU [complement(4075..4111)], rps16 [complement(4833..5053)], rps16 [complement(5910..5949)], trnG-GCC [9315..9337], trnG-GCC [10029..10076], atpF [complement(12026..12436)], atpF [complement(13195..13338)], rpoC1 [complement(21197..22817)], rpoC1 [complement(23574..24001)], ycf3 [complement(42670..42830)], ycf3 [complement(43566..43793)], ycf3 [complement(44510..44633)], trnL-UAA [47180..47214], trnL-UAA [47731..47783], trnV-UAC [complement(52500..52536)], trnV-UAC [complement(53124..53162)], rps12 [142137..142365], rps12 [142907..142932], clpP [complement(71432..71683)], clpP [complement(72337..72628)], clpP [complement(73442..73512)], petB [76427..76432], petB [77219..77866], petD [78080..78087], petD [78820..79333], rpl16 [complement(82820..83218)], rpl16 [complement(84299..84307)], rpl2 [complement(86217..86648)], rpl2 [complement(87311..87700)], ndhB [complement(96836..97591)], ndhB [complement(98296..99072)], trnI-GAU [104677..104718], trnI-GAU [105656..105690], trnA-UGC [105755..105792], trnA-UGC [106594..106628], ndhA [complement(121870..122408)], ndhA [complement(123447..123999)], trnA-UGC [complement(136214..136248)], trnA-UGC [complement(137050..137087)], trnI-GAU [complement(137152..137186)], trnI-GAU [complement(138124..138165)], ndhB [143770..144546], ndhB [145251..146006], rpl2 [155118..155507], rpl2 [156170..156601]	trnK-UUU [complement(1544..4074)], rps16 [complement(5054..5909)], trnG-GCC [9338..10028], atpF [complement(12437..13194)], rpoC1 [complement(22818..23573)], ycf3 [complement(42831..43565)], ycf3 [complement(43794..44509)], trnL-UAA [47215..47730], trnV-UAC [complement(52537..53123)], clpP [complement(71684..72336)], clpP [complement(72629..73441)], petB [76433..77218], petD [78088..78819], rpl16 [complement(83219..84298)], rpl2 [complement(86649..87310)], ndhB [complement(97592..98295)], trnI-GAU [104719..105655], trnA-UGC [105793..106593], ndhA [complement(122409..123446)], trnA-UGC [complement(136249..137049)], trnI-GAU [complement(137187..138123)], ndhB [144547..145250], rpl2 [155508..156169]
3673.	VEFO	64	rpl16 [1429..1437], rpl16 [2328..2729], petD [complement(6318..6825)], petD [complement(7674..7681)], petB [complement(7869..8510)], petB	rpl16 [1438..2327], petD [complement(6826..7673)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(9307..9312)], clpP [12253..12321], clpP [13175..13465], clpP [14112..14339], rps12 [14541..14654], rps12 [146606..146848], rps12 [complement(103813..104055)], trnV-UAC [32994..33032], trnV-UAC [33627..33663], trnL-UAA [complement(37332..37381)], trnL-UAA [complement(37913..37949)], ycf3 [40267..40392], ycf3 [41118..41345], ycf3 [42017..42169], rpoC1 [64191..64622], rpoC1 [65418..67028], atpF [75117..75261], atpF [75975..76384], trnK-UUU [84451..84487], trnK-UUU [87022..87059], rpl2 [complement(89488..89958)], rpl2 [complement(90588..90980)], ndhB [complement(100211..100966)], ndhB [complement(101649..102425)], trnI-GAU [107932..107973], trnI-GAU [108918..108952], trnA-UGC [109017..109054], trnA-UGC [109853..109887], ndhA [122382..122934], ndhA [124054..124592], trnA-UGC [complement(140774..140808)], trnA-UGC [complement(141607..141644)], trnI-GAU [complement(141709..141743)], trnI-GAU [complement(142688..142729)], ndhB [148236..149012], ndhB [149695..150450], rpl2 [159681..160073], rpl2 [160703..161173]	[complement(8511..9306)], clpP [12322..13174], clpP [13466..14111], trnV-UAC [33033..33626], trnL-UAA [complement(37382..37912)], ycf3 [40393..41117], ycf3 [41346..42016], rpoC1 [64623..65417], atpF [75262..75974], trnK-UUU [84488..87021], rpl2 [complement(89959..90587)], ndhB [complement(100967..101648)], trnI-GAU [107974..108917], trnA-UGC [109055..109852], ndhA [122935..124053], trnA-UGC [complement(140809..141606)], trnI-GAU [complement(141744..142687)], ndhB [149013..149694], rpl2 [160074..160702]
3674.	VEJA	69	rps12 [complement(95811..95835)], rps12 [complement(96377..96609)], rps12 [complement(67426..67539)], trnK-UUU [complement(1364..1398)], trnK-UUU [complement(3997..4033)], trnG-UCC [7331..7353], trnG-UCC [8040..8087], atpF [complement(9997..10407)], atpF [complement(11187..11330)], rpoC1 [complement(19015..20643)], rpoC1 [complement(21310..21744)], ycf3 [complement(39837..39995)], ycf3 [complement(40747..40974)], ycf3 [complement(41690..41815)], trnL-UAA [44523..44557], trnL-UAA [45100..45149], trnV-UAC [complement(49200..49236)], trnV-UAC [complement(49822..49860)], rps12 [137029..137261], rps12 [137803..137827], clpP [complement(67682..67927)], clpP [complement(68556..68846)], clpP [complement(69604..69672)], petB [72528..72533], petB [73302..73943], petD [74145..74150], petD [74887..75363], rpl16 [complement(78775..79176)], rpl16 [complement(80150..80158)], rpl2 [complement(82104..82535)], rpl2 [complement(83200..83589)], ndhB [complement(92733..93488)], ndhB [complement(94191..94967)], trnI-GAU [100299..100335], trnI-GAU	trnK-UUU [complement(1399..3996)], trnG-UCC [7354..8039], atpF [complement(10408..11186)], rpoC1 [complement(20644..21309)], ycf3 [complement(39996..40746)], ycf3 [complement(40975..41689)], trnL-UAA [44558..45099], trnV-UAC [complement(49237..49821)], clpP [complement(67928..68555)], clpP [complement(68847..69603)], petB [72534..73301], petD [74151..74886], rpl16 [complement(79177..80149)], rpl2 [complement(82536..83199)], ndhB [complement(93489..94190)], trnI-GAU [100336..101280], trnA-UGC [101413..102213], ndhA [114951..116032],

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[101281..101315], trnA-UGC [101375..101412], trnA-UGC [102214..102248], ndhA [114400..114950], ndhA [116033..116564], trnA-UGC [complement(131390..131424)], trnA-UGC [complement(132226..132263)], trnI-GAU [complement(132323..132357)], trnI-GAU [complement(133303..133339)], ndhB [138671..139447], ndhB [140150..140905], rpl2 [150049..150441], rpl2 [151103..151534]	trnA-UGC [complement(131425..132225)], trnI-GAU [complement(132358..133302)], ndhB [139448..140149], rpl2 [150442..151102]
3675.	VENA	72	rps12 [complement(96563..96588)], rps12 [complement(97125..97356)], rps12 [complement(69109..69222)], trnK-UUU [complement(1619..1653)], trnK-UUU [complement(4144..4180)], rps16 [complement(4982..5206)], rps16 [complement(6082..6129)], trnG-UCC [8695..8717], trnG-UCC [9407..9454], atpF [complement(11392..11802)], atpF [complement(12499..12642)], rpoC1 [complement(20442..22061)], rpoC1 [complement(22817..23251)], ycf3 [complement(41965..42117)], ycf3 [complement(42830..43057)], ycf3 [complement(43769..43897)], trnL-UAA [46661..46697], trnL-UAA [47195..47242], trnV-UAC [complement(51012..51048)], trnV-UAC [complement(51632..51673)], rps12 [138159..138390], rps12 [138927..138952], clpP [complement(69395..69622)], clpP [complement(70256..70546)], clpP [complement(71258..71326)], petB [74194..74199], petB [74948..75589], petD [75778..75785], petD [76477..76951], rpl16 [complement(80421..80819)], rpl16 [complement(81547..81555)], rpl2 [complement(83266..83700)], rpl2 [complement(84360..84752)], ndhB [complement(93540..94295)], ndhB [complement(94972..95697)], trnI-GAU [100827..100863], trnI-GAU [101810..101844], trnA-UGC [101909..101946], trnA-UGC [102767..102801], ndhA [complement(118374..118913)], ndhA [complement(119989..120540)], trnA-UGC [complement(132714..132748)], trnA-UGC [complement(133569..133606)], trnI-CAU [complement(133671..133705)], trnI-CAU [complement(134647..134688)], ndhB [139818..140543], ndhB [141220..141975], rpl2 [150763..151155], rpl2 [151815..152249]	trnK-UUU [complement(1654..4143)], rps16 [complement(5207..6081)], trnG-UCC [8718..9406], atpF [complement(11803..12498)], rpoC1 [complement(22062..22816)], ycf3 [complement(42118..42829)], ycf3 [complement(43058..43768)], trnL-UAA [46698..47194], trnV-UAC [complement(51049..51631)], clpP [complement(69623..70255)], clpP [complement(70547..71257)], petB [74200..74947], petD [75786..76476], rpl16 [complement(80820..81546)], rpl2 [complement(83701..84359)], ndhB [complement(94296..94971)], trnI-GAU [100864..101809], trnA-UGC [101947..102766], ndhA [complement(118914..119988)], trnA-UGC [complement(132749..133568)], trnI-CAU [complement(133706..134646)], ndhB [140544..141219], rpl2 [151156..151814]
3676.	VEPA	67	rps12 [complement(97894..98136)], rps12 [complement(68975..69088)], trnK-UUU [complement(1366..1394)], trnK-UUU [complement(4011..4047)], trnG-UCC [8732..8754], trnG-UCC [9452..9499], atpF	trnK-UUU [complement(1395..4010)], trnG-UCC [8755..9451], atpF [complement(11818..12599)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(11408..11817)], atpF [complement(12600..12744)], rpoC1 [complement(20443..22072)], rpoC1 [complement(22740..23173)], ycf3 [complement(41287..41445)], ycf3 [complement(42201..42428)], ycf3 [complement(43143..43268)], trnL-UAA [46063..46097], trnL-UAA [46639..46688], trnV-UAC [complement(50717..50753)], trnV-UAC [complement(51340..51378)], rps12 [138936..139178], clpP [complement(69230..69473)], clpP [complement(70118..70408)], clpP [complement(71174..71241)], petB [74097..74102], petB [74876..75523], petD [75745..75753], petD [76492..76974], rpl16 [complement(80291..80701)], rpl16 [complement(81658..81666)], rpl2 [complement(83633..84064)], rpl2 [complement(84726..85118)], ndhB [complement(94260..95015)], ndhB [complement(95718..96494)], trnI-GAU [101955..101996], trnI-GAU [102937..102971], trnA-UGC [103031..103068], trnA-UGC [103870..103904], ndhA [complement(118835..119364)], ndhA [complement(120441..120993)], trnA-UGC [complement(133168..133202)], trnA-UGC [complement(134004..134041)], trnI-GAU [complement(134101..134135)], trnI-GAU [complement(135076..135117)], ndhB [140578..141354], ndhB [142057..142812], rpl2 [151954..152346], rpl2 [153008..153439]	[complement(22073..22739)], ycf3 [complement(41446..42200)], ycf3 [complement(42429..43142)], trnL-UAA [46098..46638], trnV-UAC [complement(50754..51339)], clpP [complement(69474..70117)], clpP [complement(70409..71173)], petB [74103..74875], petD [75754..76491], rpl16 [complement(80702..81657)], rpl2 [complement(84065..84725)], ndhB [complement(95016..95717)], trnI-GAU [101997..102936], trnA-UGC [103069..103869], ndhA [complement(119365..120440)], trnA-UGC [complement(133203..134003)], trnI-GAU [complement(134136..135075)], ndhB [141355..142056], rpl2 [152347..153007]
3677.	VEPE	69	rps12 [complement(95005..95030)], rps12 [complement(95566..95800)], rps12 [complement(67792..67902)], trnK-UUU [complement(1653..1687)], trnK-UUU [complement(4176..4212)], rps16 [complement(4793..5002)], rps16 [complement(5892..5939)], trnG-UCC [8562..8584], trnG-UCC [9273..9320], atpF [complement(11246..11656)], atpF [complement(12346..12489)], rpoC1 [complement(20064..21683)], rpoC1 [complement(22424..22858)], ycf3 [complement(41424..41576)], ycf3 [complement(42297..42524)], ycf3 [complement(43246..43374)], trnV-UAC [complement(50309..50345)], trnV-UAC [complement(50926..50967)], rps12 [136252..136483], rps12 [137019..137044], clpP [complement(68059..68286)], clpP [complement(68913..69203)], clpP [complement(69911..69979)], petB [72839..72844], petB [73587..74228], petD [74417..74424], petD [75102..75576], rpl16 [complement(79020..79418)], rpl16 [complement(80161..80169)], rpl2 [complement(81872..82306)], rpl2	trnK-UUU [complement(1688..4175)], rps16 [complement(5003..5891)], trnG-UCC [8585..9272], atpF [complement(11657..12345)], rpoC1 [complement(21684..22423)], ycf3 [complement(41577..42296)], ycf3 [complement(42525..43245)], trnV-UAC [complement(50346..50925)], clpP [complement(68287..68912)], clpP [complement(69204..69910)], petB [72845..73586], petD [74425..75101], rpl16 [complement(79419..80160)], rpl2 [complement(82307..82965)], ndhB [complement(92761..93436)], trnI-VAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(82966..83358)], ndhB [complement(92005..92760)], ndhB [complement(93437..94162)], trnI-VAU [99265..99306], trnI-VAU [100248..100282], trnA-UGC [100347..100384], trnA-UGC [101191..101225], ndhA [complement(116631..117170)], ndhA [complement(118242..118793)], trnA-UGC [complement(130824..130858)], trnA-UGC [complement(131665..131702)], trnI-CAU [complement(131767..131801)], trnI-CAU [complement(132743..132784)], ndhB [137887..138612], ndhB [139289..140044], rpl2 [148691..149083], rpl2 [149743..150177]	[99307..100247], trnA-UGC [100385..101190], ndhA [complement(117171..118241)], trnA-UGC [complement(130859..131664)], trnI-CAU [complement(131802..132742)], ndhB [138613..139288], rpl2 [149084..149742]
3678.	VESI	72	rps12 [complement(96976..97001)], rps12 [complement(97538..97769)], rps12 [complement(69508..69621)], trnK-UUU [complement(1652..1686)], trnK-UUU [complement(4166..4202)], rps16 [complement(5073..5297)], rps16 [complement(6163..6210)], trnG-UCC [8839..8861], trnG-UCC [9534..9581], atpF [complement(11503..11913)], atpF [complement(12604..12747)], rpoC1 [complement(20570..22189)], rpoC1 [complement(22933..23367)], ycf3 [complement(42076..42228)], ycf3 [complement(42949..43176)], ycf3 [complement(43904..44032)], trnL-UAA [47004..47040], trnL-UAA [47530..47577], trnV-UAC [complement(51367..51403)], trnV-UAC [complement(51983..52024)], rps12 [138778..139009], rps12 [139546..139571], clpP [complement(69757..69984)], clpP [complement(70612..70902)], clpP [complement(71623..71691)], petB [74573..74578], petB [75319..75960], petD [76149..76156], petD [76838..77312], rpl16 [complement(80783..81181)], rpl16 [complement(81912..81920)], rpl2 [complement(83707..84141)], rpl2 [complement(84800..85192)], ndhB [complement(93969..94724)], ndhB [complement(95401..96126)], trnI-CAU [101243..101284], trnI-CAU [102224..102258], trnA-UGC [102323..102360], trnA-UGC [103177..103211], ndhA [complement(118941..119480)], ndhA [complement(120570..121121)], trnA-UGC [complement(133336..133370)], trnA-UGC [complement(134187..134224)], trnI-CAU [complement(134289..134323)], trnI-CAU [complement(135263..135304)], ndhB [140421..141146], ndhB [141823..142578], rpl2 [151355..151747], rpl2 [152406..152840]	trnK-UUU [complement(1687..4165)], rps16 [complement(5298..6162)], trnG-UCC [8862..9533], atpF [complement(11914..12603)], rpoC1 [complement(22190..22932)], ycf3 [complement(42229..42948)], ycf3 [complement(43177..43903)], trnL-UAA [47041..47529], trnV-UAC [complement(51404..51982)], clpP [complement(69985..70611)], clpP [complement(70903..71622)], petB [74579..75318], petD [76157..76837], rpl16 [complement(81182..81911)], rpl2 [complement(84142..84799)], ndhB [complement(94725..95400)], trnI-CAU [101285..102223], trnA-UGC [102361..103176], ndhA [complement(119481..120569)], trnA-UGC [complement(133371..134186)], trnI-CAU [complement(134324..135262)], ndhB [141147..141822], rpl2 [151748..152405]
3679.	VIAC	67	trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)],	trnK-UUU [complement(1749..4256)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps16 [complement(5162..5397)], rps16 [complement(6298..6337)], trnG-GCC [10583..10605], trnG-GCC [11316..11352], atpF [complement(13375..13789)], atpF [complement(14538..14680)], rpoC1 [complement(22561..24177)], rpoC1 [complement(24941..25372)], ycf3 [complement(46239..46391)], ycf3 [complement(47130..47357)], ycf3 [complement(48085..48210)], trnV-UAC [complement(55676..55712)], trnV-UAC [complement(56286..56324)], rps12 [74696..74809], rps12 [146359..146590], rps12 [147131..147156], clpP [complement(74952..75179)], clpP [complement(75810..76100)], clpP [complement(76910..76981)], petB [79887..79892], petB [80581..81222], petD [81411..81419], petD [82154..82627], rpl16 [complement(86113..86511)], rpl16 [complement(87575..87583)], rpl2 [complement(89331..89765)], rpl2 [complement(90430..90819)], ndhB [complement(100009..100764)], ndhB [complement(101444..102220)], trnI-GAU [107659..107701], trnI-GAU [108645..108679], trnA-UGC [108743..108779], trnA-UGC [109584..109618], ndhA [complement(126006..126545)], ndhA [complement(127678..128229)], trnA-UGC [complement(140600..140634)], trnA-UGC [complement(141428..141475)], trnI-GAU [complement(141539..141573)], trnI-GAU [complement(142518..142559)], ndhB [147998..148774], ndhB [149454..150209], rpl2 [159399..159789], rpl2 [160418..160887]	[complement(5398..6297)], trnG-GCC [10606..11315], atpF [complement(13790..14537)], rpoC1 [complement(24178..24940)], ycf3 [complement(46392..47129)], ycf3 [complement(47358..48084)], trnV-UAC [complement(55713..56285)], clpP [complement(75180..75809)], clpP [complement(76101..76909)], petB [79893..80580], petD [81420..82153], rpl16 [complement(86512..87574)], rpl2 [complement(89766..90429)], ndhB [complement(100765..101443)], trnI-GAU [107702..108644], trnA-UGC [108780..109583], ndhA [complement(126546..127677)], trnA-UGC [complement(140635..141427)], trnI-GAU [complement(141574..142517)], ndhB [148775..149453], rpl2 [159790..160417]
3680.	VIAE	41	rps12 [complement(74606..74719)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4256..4292)], trnG-GCC [10534..10556], trnG-GCC [11267..11303], trnL-UAA [51099..51135], trnL-UAA [51652..51701], trnV-UAC [complement(55598..55634)], trnV-UAC [complement(56208..56246)], rps12 [complement(74606..74719)], rps12 [147032..147057], trnI-GAU [107554..107595], trnI-GAU [108540..108574], trnA-UGC [108638..108675], trnA-UGC [109479..109513], trnA-UGC [complement(140501..140535)], trnA-UGC [complement(141339..141376)], trnI-GAU [complement(141440..141474)], trnI-GAU [complement(142419..142460)]	trnK-UUU [complement(1749..4255)], rps16 [complement(5392..6291)], trnG-GCC [10557..11266], atpF [complement(13731..14478)], rpoC1 [complement(24131..24884)], ycf3 [complement(46311..47053)], ycf3 [complement(47282..48008)], trnL-UAA [51136..51651], trnV-UAC [complement(55635..56207)], clpP [complement(75090..75719)], clpP [complement(76012..76820)], petB [79796..80483], petD [81322..82055], rpl16 [complement(86408..87470)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(89661..90324)], ndhB [complement(100660..101338)], trnI-GAU [107596..108539], trnA-UGC [108676..109478], ndhA [complement(126442..127572)], trnA-UGC [complement(140536..141338)], trnI-GAU [complement(141475..142418)], ndhB [148676..149354]
3681.	VIAL	57	trnK [complement(1532..1566)], trnK [complement(4148..4187)], rps16 [complement(4743..4990)], rps16 [complement(6004..6043)], atpF [complement(10303..10713)], atpF [complement(11525..11656)], rpoC1 [complement(19009..20616)], rpoC1 [complement(21393..21824)], ycf3 [complement(39138..39290)], ycf3 [complement(40113..40340)], ycf3 [complement(41143..41268)], trnL [43619..43656], trnL [44183..44232], rps12 [complement(60174..60287)], rps12 [116492..116723], rps12 [117277..117302], rps12 [complement(86484..86715)], rps12 [complement(85905..85930)], clpP [complement(60433..60660)], clpP [complement(61334..61625)], clpP [complement(62500..62570)], petB [65604..65609], petB [66390..67031], petD [67201..67208], petD [67948..68422], rpl16 [complement(71623..72057)], rpl16 [complement(73046..73054)], rpl2 [complement(75064..75498)], rpl2 [complement(76160..76549)], trnI [90602..90643], trnI [91520..91554], trnA [91617..91654], trnA [92453..92487], trnA [complement(110720..110754)], trnA [complement(111553..111590)], trnI [complement(111653..111687)], trnI [complement(112564..112605)], rpl2 [126658..127047], rpl2 [127709..128143]	trnK [complement(1567..4147)], rps16 [complement(4991..6003)], atpF [complement(10714..11524)], rpoC1 [complement(20617..21392)], ycf3 [complement(39291..40112)], ycf3 [complement(40341..41142)], trnL [43657..44182], clpP [complement(60661..61333)], clpP [complement(61626..62499)], petB [65610..66389], petD [67209..67947], rpl16 [complement(72058..73045)], rpl2 [complement(75499..76159)], trnI [90644..91519], trnA [91655..92452], trnA [complement(110755..111552)], trnI [complement(111688..112563)], rpl2 [127048..127708]
3682.	VIAM	73	rps12 [complement(103035..103060)], rps12 [complement(103601..103832)], rps12 [complement(74681..74794)], trnK-UUU [complement(1730..1758)], trnK-UUU [complement(4266..4302)], rps16 [complement(5166..5401)], rps16 [complement(6304..6343)], trnG-GCC [10548..10570], trnG-GCC [11282..11318], atpF [complement(13339..13752)], atpF [complement(14500..14643)], rpoC1 [complement(22530..24146)], rpoC1 [complement(24910..25341)], ycf3 [complement(46209..46361)], ycf3	trnK-UUU [complement(1759..4265)], rps16 [complement(5402..6303)], trnG-GCC [10571..11281], atpF [complement(13753..14499)], rpoC1 [complement(24147..24909)], ycf3 [complement(46362..47104)], ycf3 [complement(47333..48059)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(47105..47332)], ycf3 [complement(48060..48185)], trnL-UAA [51157..51193], trnL-UAA [51710..51759], trnV-UAC [complement(55668..55704)], trnV-UAC [complement(56278..56316)], rps12 [complement(74681..74794)], rps12 [146309..146540], rps12 [147081..147106], clpP [complement(74937..75164)], clpP [complement(75796..76087)], clpP [complement(76900..76970)], petB [79869..79874], petB [80563..81204], petD [81393..81400], petD [82135..82609], rpl16 [complement(86086..86484)], rpl16 [complement(87548..87556)], rpl2 [complement(89303..89737)], rpl2 [complement(90402..90791)], ndhB [complement(99982..100737)], ndhB [complement(101417..102193)], trnI-GAU [107632..107673], trnI-GAU [108618..108652], trnA-UGC [108716..108753], trnA-UGC [109557..109591], ndhA [complement(125951..126490)], ndhA [complement(127622..128173)], trnA-UGC [complement(140550..140584)], trnA-UGC [complement(141388..141425)], trnI-GAU [complement(141489..141523)], trnI-GAU [complement(142468..142509)], ndhB [147948..148724], ndhB [149404..150159], rpl2 [159350..159739], rpl2 [160404..160838]</p>	<p>[51194..51709], trnV-UAC [complement(55705..56277)], clpP [complement(75165..75795)], clpP [complement(76088..76899)], petB [79875..80562], petD [81401..82134], rpl16 [complement(86485..87547)], rpl2 [complement(89738..90401)], ndhB [complement(100738..101416)], trnI-GAU [107674..108617], trnA-UGC [108754..109556], ndhA [complement(126491..127621)], trnA-UGC [complement(140585..141387)], trnI-GAU [complement(141524..142467)], ndhB [148725..149403], rpl2 [159740..160403]</p>
3683.	VIAR	42	<p>rps12 [complement(74631..74744)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4258..4294)], trnG-GCC [10548..10570], trnG-GCC [11281..11317], atpF [complement(13335..13745)], trnL-UAA [51134..51170], trnL-UAA [51687..51736], trnV-UAC [complement(55627..55663)], trnV-UAC [complement(56237..56275)], rps12 [complement(74631..74744)], rps12 [147071..147096], trnI-GAU [107594..107635], trnI-GAU [108580..108614], trnA-UGC [108678..108715], trnA-UGC [109519..109553], trnA-UGC [complement(140540..140574)], trnA-UGC [complement(141378..141415)], trnI-GAU [complement(141479..141513)], trnI-GAU [complement(142458..142499)]</p>	<p>trnK-UUU [complement(1750..4257)], rps16 [complement(5395..6294)], trnG-GCC [10571..11280], atpF [complement(13746..14493)], rpoC1 [complement(24136..24898)], ycf3 [complement(46343..47085)], ycf3 [complement(47314..48040)], trnL-UAA [51171..51686], trnV-UAC [complement(55664..56236)], clpP [complement(75115..75744)], clpP [complement(76037..76846)], petB [79829..80516], petD [81355..82088], rpl16 [complement(86448..87510)], rpl2 [complement(89701..90364)], ndhB [complement(100700..101378)], trnI-GAU</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[107636..108579], trnA-UGC [108716..109518], ndhA [complement(126480..127612)], trnA-UGC [complement(140575..141377)], trnI-GAU [complement(141514..142457)], ndhB [148715..149393]
3684.	VIBA	42	rps12 [complement(74655..74768)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4258..4294)], trnG-GCC [10558..10580], trnG-GCC [11291..11327], atpF [complement(13346..13756)], trnL-UAA [51159..51195], trnL-UAA [51712..51761], trnV-UAC [complement(55656..55692)], trnV- UAC [complement(56266..56304)], rps12 [complement(74655..74768)], rps12 [147098..147123], trnI-GAU [107617..107658], trnI-GAU [108603..108637], trnA-UGC [108701..108738], trnA-UGC [109542..109576], trnA-UGC [complement(140567..140601)], trnA-UGC [complement(141405..141442)], trnI-GAU [complement(141506..141540)], trnI-GAU [complement(142485..142526)]	trnK-UUU [complement(1749..4257)], rps16 [complement(5398..6297)], trnG-GCC [10581..11290], atpF [complement(13757..14504)], rpoC1 [complement(24151..24913)], ycf3 [complement(46370..47112)], ycf3 [complement(47341..48067)], trnL-UAA [51196..51711], trnV-UAC [complement(55693..56265)], clpP [complement(75139..75768)], clpP [complement(76061..76869)], petB [79852..80539], petD [81378..82111], rpl16 [complement(86471..87533)], rpl2 [complement(89724..90387)], ndhB [complement(100723..101401)], trnI-GAU [107659..108602], trnA-UGC [108739..109541], ndhA [complement(126507..127638)], trnA-UGC [complement(140602..141404)], trnI-GAU [complement(141541..142484)], ndhB [148742..149420]
3685.	VIBC	64	rps12 [complement(100113..100138)], rps12 [complement(100675..100906)], rps12 [complement(71985..72098)], trnK-UUU [complement(1823..1857)], trnK-UUU [complement(4376..4412)], rps16 [complement(5283..5506)], rps16 [complement(6376..6412)], trnG-GCC [9901..9921], trnG-GCC [10621..10667], atpF [complement(12612..13022)], atpF	trnK-UUU [complement(1858..4375)], rps16 [complement(5507..6375)], trnG-GCC [9922..10620], atpF [complement(13023..13770)], rpoC1 [complement(23282..24034)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(13771..13914)], rpoC1 [complement(21665..23281)], rpoC1 [complement(24035..24466)], ycf3 [complement(43906..44058)], ycf3 [complement(44820..45049)], ycf3 [complement(45794..45917)], trnL-UAA [48916..48952], trnL-UAA [49454..49506], trnV-UAC [complement(53332..53368)], trnV-UAC [complement(53945..53983)], rps12 [complement(71985..72098)], rps12 [143080..143311], rps12 [143848..143873], clpP [complement(72237..72464)], clpP [complement(73107..73397)], clpP [complement(74175..74243)], petB [77149..77154], petB [77928..78569], petD [78765..78772], petD [79487..79961], rpl2 [complement(86645..87078)], rpl2 [complement(87744..88134)], trnI-GAU [104821..104857], trnI-GAU [105805..105837], trnA-UGC [105904..105941], trnA-UGC [106764..106798], ndhA [complement(122577..123027)], ndhA [complement(124189..124655)], trnA-UGC [complement(137188..137222)], trnA-UGC [complement(138045..138082)], trnI-GAU [complement(138147..138181)], trnI-GAU [complement(139129..139165)], rpl2 [155852..156241], rpl2 [156907..157341]	[complement(44059..44819)], ycf3 [complement(45050..45793)], trnL-UAA [48953..49453], trnV-UAC [complement(53369..53944)], clpP [complement(72465..73106)], clpP [complement(73398..74174)], petB [77155..77927], petD [78773..79486], rpl2 [complement(87079..87743)], trnI-GAU [104858..105804], trnA-UGC [105942..106763], ndhA [complement(123028..124188)], trnA-UGC [complement(137223..138044)], trnI-GAU [complement(138182..139128)], rpl2 [156242..156906]
3686.	VIBE	70	rps12 [complement(100316..100342)], rps12 [complement(100879..101108)], rps12 [complement(72181..72295)], trnK-UUU [complement(1761..1795)], trnK-UUU [complement(4321..4357)], rps16 [complement(5234..5457)], rps16 [complement(6325..6361)], trnG [9849..9871], trnG [10571..10618], atpF [complement(12571..12981)], atpF [complement(13716..13862)], rpoC1 [complement(21610..23226)], rpoC1 [complement(23974..24426)], ycf3 [complement(43979..44131)], ycf3 [complement(44893..45120)], ycf3 [complement(45858..45983)], trnL-UAA [48992..49028], trnL-UAA [49528..49577], trnV-UAC [complement(53442..53478)], trnV-UAC [complement(54053..54091)], rps12 [complement(72182..72295)], rps12 [143676..143907], rps12 [144444..144469], clpP [complement(72434..72661)], clpP [complement(73299..73589)], clpP [complement(74362..74430)], petB [77334..77339], petB [78113..78754], petD [78950..78959], petD [79692..80164], rpl2 [complement(86852..87286)], rpl2 [complement(87949..88341)], ndhB [complement(97243..97998)], ndhB	trnK-UUU [complement(1796..4320)], rps16 [complement(5458..6324)], trnG [9872..10570], atpF [complement(12982..13715)], rpoC1 [complement(23227..23973)], ycf3 [complement(44132..44892)], ycf3 [complement(45121..45857)], trnL-UAA [49029..49527], trnV-UAC [complement(53479..54052)], clpP [complement(72662..73298)], clpP [complement(73590..74361)], petB [77340..78112], petD [78960..79691], rpl2 [complement(87287..87948)], ndhB [complement(97999..98673)], trnI-GAU [105066..106007], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(98674..99450)], trnI-GAU [105024..105065], trnI-GAU [106008..106042], trnA-UGC [106107..106144], trnA-UGC [106960..106994], ndhA [complement(123192..123731)], ndhA [complement(124784..125335)], trnA-UGC [complement(137791..137825)], trnA-UGC [complement(138641..138678)], trnI-GAU [complement(138743..138777)], trnI-GAU [complement(139720..139761)], ndhB [145335..146111], ndhB [146787..147542], rpl2 [156444..156833], rpl2 [157499..157933]	[106145..106959], ndhA [complement(123732..124783)], trnA-UGC [complement(137826..138640)], trnI-GAU [complement(138778..139719)], ndhB [146112..146786], rpl2 [156834..157498]
3687.	VIBI	41	rps12 [complement(74651..74764)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4258..4294)], trnG-GCC [10550..10572], trnG-GCC [11283..11319], trnL-UAA [51147..51183], trnL-UAA [51700..51749], trnV-UAC [complement(55646..55682)], trnV-UAC [complement(56256..56294)], rps12 [complement(74651..74764)], rps12 [147090..147115], trnI-GAU [107613..107654], trnI-GAU [108599..108633], trnA-UGC [108697..108734], trnA-UGC [109538..109572], trnA-UGC [complement(140559..140593)], trnA-UGC [complement(141397..141434)], trnI-GAU [complement(141498..141532)], trnI-GAU [complement(142477..142518)]	trnK-UUU [complement(1749..4257)], rps16 [complement(5395..6296)], trnG-GCC [10573..11282], atpF [complement(13751..14498)], rpoC1 [complement(24142..24904)], ycf3 [complement(46356..47098)], ycf3 [complement(47327..48053)], trnL-UAA [51184..51699], trnV-UAC [complement(55683..56255)], clpP [complement(75135..75764)], clpP [complement(76057..76865)], petB [79848..80535], petD [81374..82107], rpl16 [complement(86467..87529)], rpl2 [complement(89720..90383)], ndhB [complement(100719..101397)], trnI-GAU [107655..108598], trnA-UGC [108735..109537], ndhA [complement(126499..127630)], trnA-UGC [complement(140594..141396)], trnI-GAU [complement(141533..142476)], ndhB [148734..149412]
3688.	VIBL	42	rps12 [complement(74655..74768)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4259..4295)], trnG-GCC [10553..10575], trnG-GCC [11286..11322], atpF [complement(13340..13750)], trnL-UAA [51150..51186], trnL-UAA [51703..51752], trnV-UAC [complement(55649..55685)], trnV-	trnK-UUU [complement(1749..4258)], rps16 [complement(5399..6298)], trnG-GCC [10576..11285], atpF [complement(13751..14498)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(56259..56297)], rps12 [complement(74655..74768)], rps12 [147102..147127], trnI-GAU [107619..107660], trnI-GAU [108605..108639], trnA-UGC [108703..108740], trnA-UGC [109544..109578], trnA-UGC [complement(140571..140605)], trnA-UGC [complement(141409..141446)], trnI-GAU [complement(141510..141544)], trnI-GAU [complement(142489..142530)]	[complement(24141..24903)], ycf3 [complement(46360..47102)], ycf3 [complement(47331..48057)], trnL-UAA [51187..51702], trnV-UAC [complement(55686..56258)], clpP [complement(75139..75768)], clpP [complement(76061..76869)], petB [79852..80539], petD [81378..82111], rpl16 [complement(86471..87533)], rpl2 [complement(89726..90389)], ndhB [complement(100725..101403)], trnI-GAU [107661..108604], trnA-UGC [108741..109543], ndhA [complement(126511..127642)], trnA-UGC [complement(140606..141408)], trnI-GAU [complement(141545..142488)], ndhB [148746..149424]
3689.	VIBR	41	rps12 [complement(74649..74762)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], trnG-GCC [10532..10554], trnG-GCC [11266..11302], trnL-UAA [51148..51184], trnL-UAA [51701..51750], trnV-UAC [complement(55653..55689)], trnV-UAC [complement(56263..56301)], rps12 [complement(74649..74762)], rps12 [147061..147086], trnI-GAU [107603..107644], trnI-GAU [108589..108623], trnA-UGC [108687..108724], trnA-UGC [109528..109562], trnA-UGC [complement(140530..140564)], trnA-UGC [complement(141368..141405)], trnI-GAU [complement(141469..141503)], trnI-GAU [complement(142448..142489)]	trnK-UUU [complement(1750..4256)], rps16 [complement(5391..6290)], trnG-GCC [10555..11265], atpF [complement(13737..14483)], rpoC1 [complement(24131..24893)], ycf3 [complement(46348..47090)], ycf3 [complement(47319..48045)], trnL-UAA [51185..51700], trnV-UAC [complement(55690..56262)], clpP [complement(75133..75763)], clpP [complement(76056..76865)], petB [79841..80528], petD [81367..82100], rpl16 [complement(86451..87518)], rpl2 [complement(89709..90372)], ndhB [complement(100709..101387)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[107645..108588], trnA-UGC [108725..109527], ndhA [complement(126471..127601)], trnA-UGC [complement(140565..141367)], trnI-GAU [complement(141504..142447)], ndhB [148705..149383]
3690.	VIBT	41	rps12 [complement(74653..74766)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], trnG-GCC [10523..10545], trnG-GCC [11257..11293], trnL-UAA [51137..51173], trnL-UAA [51690..51739], trnV- UAC [complement(55642..55678)], trnV-UAC [complement(56251..56289)], rps12 [complement(74653..74766)], rps12 [147057..147082], trnI-GAU [107591..107632], trnI-GAU [108577..108611], trnA-UGC [108675..108712], trnA-UGC [109516..109550], trnA-UGC [complement(140526..140560)], trnA-UGC [complement(141364..141401)], trnI-GAU [complement(141465..141499)], trnI-GAU [complement(142444..142485)]	trnK-UUU [complement(1750..4256)], rps16 [complement(5388..6280)], trnG-GCC [10546..11256], atpF [complement(13728..14474)], rpoC1 [complement(24122..24884)], ycf3 [complement(46339..47081)], ycf3 [complement(47310..48037)], trnL-UAA [51174..51689], trnV-UAC [complement(55679..56250)], clpP [complement(75137..75767)], clpP [complement(76060..76868)], petB [79838..80525], petD [81364..82097], rpl16 [complement(86443..87504)], rpl2 [complement(89697..90360)], ndhB [complement(100697..101375)], trnI-GAU [107633..108576], trnA-UGC [108713..109515], ndhA [complement(126467..127597)], trnA-UGC [complement(140561..141363)], trnI-GAU [complement(141500..142443)], ndhB [148701..149379]
3691.	VICA	41	rps12 [complement(74681..74794)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4258..4294)], trnG-GCC [10539..10561], trnG-GCC [11271..11307], trnL-UAA [51156..51192], trnL-UAA [51709..51758], trnV- UAC [complement(55663..55699)], trnV-UAC [complement(56273..56311)], rps12 [complement(74681..74794)], rps12 [147143..147168], trnI-GAU	trnK-UUU [complement(1750..4257)], rps16 [complement(5393..6291)], trnG-GCC [10562..11270], atpF [complement(13743..14489)], rpoC1 [complement(24135..24897)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[107637..107678], trnI-GAU [108623..108657], trnA-UGC [108721..108758], trnA-UGC [109562..109596], trnA-UGC [complement(140612..140646)], trnA-UGC [complement(141450..141487)], trnI-GAU [complement(141551..141585)], trnI-GAU [complement(142530..142571)]	[complement(46360..47102)], ycf3 [complement(47331..48058)], trnL-UAA [51193..51708], trnV-UAC [complement(55700..56272)], clpP [complement(75165..75794)], clpP [complement(76087..76894)], petB [79877..80564], petD [81403..82136], rpl16 [complement(86492..87553)], rpl2 [complement(89744..90407)], ndhB [complement(100743..101421)], trnI-GAU [107679..108622], trnA-UGC [108759..109561], ndhA [complement(126526..127675)], trnA-UGC [complement(140647..141449)], trnI-GAU [complement(141586..142529)], ndhB [148787..149465]
3692.	VICD	70	trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4260..4296)], rps16 [complement(5167..5402)], rps16 [complement(6302..6341)], trnG-GCC [10590..10612], trnG-GCC [11323..11359], atpF [complement(13367..13777)], atpF [complement(14526..14669)], rpoC1 [complement(22553..24169)], rpoC1 [complement(24933..25364)], ycf3 [complement(46245..46397)], ycf3 [complement(47141..47368)], ycf3 [complement(48096..48221)], trnL-UAA [51184..51225], trnL-UAA [51742..51791], trnV-UAC [complement(55688..55724)], trnV-UAC [complement(56298..56366)], rps12 [74691..74804], rps12 [146365..146596], rps12 [147137..147162], clpP [complement(74947..75174)], clpP [complement(75805..76096)], clpP [complement(76906..76976)], petB [79882..79887], petB [80576..81217], petD [81406..81413], petD [82148..82622], rpl16 [complement(86108..86506)], rpl16 [complement(87570..87578)], rpl2 [complement(89326..89760)], rpl2 [complement(90425..90814)], ndhB [complement(100004..100759)], ndhB [complement(101439..102215)], trnI-GAU [107654..107695], trnI-GAU [108640..108674], trnA-UGC [108738..108775], trnA-UGC [109579..109613],	trnK-UUU [complement(1750..4259)], rps16 [complement(5403..6301)], trnG-GCC [10613..11322], atpF [complement(13778..14525)], rpoC1 [complement(24170..24932)], ycf3 [complement(46398..47140)], ycf3 [complement(47369..48095)], trnL-UAA [51226..51741], trnV-UAC [complement(55725..56297)], clpP [complement(75175..75804)], clpP [complement(76097..76905)], petB [79888..80575], petD [81414..82147], rpl16 [complement(86507..87569)], rpl2 [complement(89761..90424)], ndhB [complement(100760..101438)], trnI-GAU [107696..108639], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(126006..126545)], ndhA [complement(127678..128229)], trnA-UGC [complement(140606..140640)], trnA-UGC [complement(141444..141480)], trnI-GAU [complement(141555..141579)], trnI-GAU [complement(142524..142565)], ndhB [148004..148780], ndhB [149460..150215], rpl2 [159405..159794], rpl2 [160459..160893]	[108776..109578], ndhA [complement(126546..127677)], trnA-UGC [complement(140641..141443)], trnI-GAU [complement(141580..142523)], ndhB [148781..149459], rpl2 [159795..160458]
3693.	VICH	70	trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], rps16 [complement(5161..5396)], rps16 [complement(6297..6336)], trnG-GCC [10582..10604], trnG-GCC [11315..11351], atpF [complement(13373..13780)], atpF [complement(14529..14672)], rpoC1 [complement(22555..24177)], rpoC1 [complement(24935..25366)], ycf3 [complement(46237..46389)], ycf3 [complement(47133..47360)], ycf3 [complement(48088..48213)], trnL-UAA [51179..51215], trnL-UAA [51732..51781], trnV-UAC [complement(55679..55716)], trnV-UAC [complement(56298..56327)], rps12 [74693..74806], rps12 [146361..146592], rps12 [147133..147158], clpP [complement(74949..75176)], clpP [complement(75807..76098)], clpP [complement(76908..76978)], petB [79884..79889], petB [80578..81219], petD [81408..81415], petD [82150..82624], rpl16 [complement(86110..86508)], rpl16 [complement(87572..87580)], rpl2 [complement(89328..89762)], rpl2 [complement(90427..90816)], ndhB [complement(100006..100761)], ndhB [complement(101441..102217)], trnI-GAU [107656..107697], trnI-GAU [108642..108676], trnA-UGC [108740..108777], trnA-UGC [109581..109615], ndhA [complement(126002..126541)], ndhA [complement(127674..128225)], trnA-UGC [complement(140602..140636)], trnA-UGC [complement(141436..141477)], trnI-GAU [complement(141541..141575)], trnI-GAU [complement(142520..142561)], ndhB [148000..148776], ndhB [149456..150211], rpl2 [159401..159790], rpl2 [160455..160889]	trnK-UUU [complement(1749..4256)], rps16 [complement(5397..6296)], trnG-GCC [10605..11314], atpF [complement(13781..14528)], rpoC1 [complement(24178..24934)], ycf3 [complement(46390..47132)], ycf3 [complement(47361..48087)], trnL-UAA [51216..51731], trnV-UAC [complement(55717..56297)], clpP [complement(75177..75806)], clpP [complement(76099..76907)], petB [79890..80577], petD [81416..82149], rpl16 [complement(86509..87571)], rpl2 [complement(89763..90426)], ndhB [complement(100762..101440)], trnI-GAU [107698..108641], trnA-UGC [108778..109580], ndhA [complement(126542..127673)], trnA-UGC [complement(140637..141435)], trnI-GAU [complement(141576..142519)], ndhB [148777..149455], rpl2 [159791..160454]
3694.	VICI	70	trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], rps16 [complement(5156..5391)], rps16 [complement(6293..6332)], trnG-GCC [10570..10592], trnG-GCC [11304..11340], atpF [complement(13362..13775)], atpF [complement(14523..14666)], rpoC1 [complement(22553..24169)], rpoC1 [complement(24933..25364)], ycf3 [complement(46252..46404)], ycf3 [complement(47148..47375)], ycf3 [complement(48103..48228)], trnL-UAA	trnK-UUU [complement(1750..4256)], rps16 [complement(5392..6292)], trnG-GCC [10593..11303], atpF [complement(13776..14522)], rpoC1 [complement(24170..24932)], ycf3 [complement(46405..47147)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[51201..51236], trnL-UAA [51753..51802], trnV-UAC [complement(55711..55747)], trnV-UAC [complement(56321..56359)], rps12 [74728..74841], rps12 [146359..146590], rps12 [147131..147156], clpP [complement(74984..75211)], clpP [complement(75843..76134)], clpP [complement(76943..77013)], petB [79912..79917], petB [80606..81247], petD [81436..81443], petD [82178..82652], rpl16 [complement(86128..86526)], rpl16 [complement(87590..87598)], rpl2 [complement(89345..89779)], rpl2 [complement(90444..90833)], ndhB [complement(100024..100779)], ndhB [complement(101459..102235)], trnI-GAU [107674..107715], trnI-GAU [108670..108694], trnA-UGC [108758..108795], trnA-UGC [109589..109633], ndhA [complement(126001..126540)], ndhA [complement(127672..128223)], trnA-UGC [complement(140590..140634)], trnA-UGC [complement(141430..141474)], trnI-GAU [complement(141539..141573)], trnI-GAU [complement(142509..142559)], ndhB [147998..148774], ndhB [149454..150209], rpl2 [159400..159789], rpl2 [160454..160888]</p>	<p>[complement(47376..48102)], trnL-UAA [51237..51752], trnV-UAC [complement(55748..56320)], clpP [complement(75212..75842)], clpP [complement(76135..76942)], petB [79918..80605], petD [81444..82177], rpl16 [complement(86527..87589)], rpl2 [complement(89780..90443)], ndhB [complement(100780..101458)], trnI-GAU [107716..108669], trnA-UGC [108796..109588], ndhA [complement(126541..127671)], trnA-UGC [complement(140635..141429)], trnI-GAU [complement(141574..142508)], ndhB [148775..149453], rpl2 [159790..160453]</p>
3695.	VICN	70	<p>trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4258..4294)], rps16 [complement(5157..5392)], rps16 [complement(6293..6332)], trnG-GCC [10579..10601], trnG-GCC [11312..11348], atpF [complement(13371..13784)], atpF [complement(14533..14676)], rpoC1 [complement(22558..24174)], rpoC1 [complement(24938..25369)], ycf3 [complement(46239..46391)], ycf3 [complement(47135..47362)], ycf3 [complement(48090..48215)], trnL-UAA [51181..51217], trnL-UAA [51734..51783], trnV-UAC [complement(55678..55714)], trnV-UAC [complement(56288..56326)], rps12 [74691..74804], rps12 [146368..146599], rps12 [147140..147165], clpP [complement(74947..75174)], clpP [complement(75805..76096)], clpP [complement(76906..76976)], petB [79882..79887], petB [80576..81217], petD [81406..81413], petD [82148..82622], rpl16 [complement(86108..86506)], rpl16 [complement(87570..87578)], rpl2 [complement(89325..89759)], rpl2 [complement(90424..90813)], ndhB [complement(100003..100758)], ndhB [complement(101438..102214)], trnI-GAU [107653..107694], trnI-GAU [108639..108675], trnA-UGC [108737..108774], trnA-UGC [109578..109612], ndhA [complement(126009..126548)], ndhA [complement(127681..128232)],</p>	<p>trnK-UUU [complement(1749..4257)], rps16 [complement(5393..6292)], trnG-GCC [10602..11311], atpF [complement(13785..14532)], rpoC1 [complement(24175..24937)], ycf3 [complement(46392..47134)], ycf3 [complement(47363..48089)], trnL-UAA [51218..51733], trnV-UAC [complement(55715..56287)], clpP [complement(75175..75804)], clpP [complement(76097..76905)], petB [79888..80575], petD [81414..82147], rpl16 [complement(86507..87569)], rpl2 [complement(89760..90423)], ndhB [complement(100759..101437)], trnI-GAU [107695..108638], trnA-UGC [108775..109577], ndhA</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [complement(140609..140643)], trnA-UGC [complement(141447..141484)], trnI-GAU [complement(141548..141582)], trnI-GAU [complement(142527..142568)], ndhB [148007..148783], ndhB [149463..150218], rpl2 [159408..159797], rpl2 [160462..160896]	[complement(126549..127680)], trnA-UGC [complement(140644..141446)], trnI-GAU [complement(141583..142526)], ndhB [148784..149462], rpl2 [159798..160461]
3696.	VICO	57	rps12 [complement(85524..85549)], rps12 [complement(86097..86328)], rps12 [complement(59778..59891)], trnK-UUU [complement(1331..1365)], trnK-UUU [complement(3952..3991)], rps16 [complement(4559..4806)], rps16 [complement(5765..5804)], atpF [complement(10107..10516)], atpF [complement(11340..11475)], rpoC1 [complement(18796..20403)], rpoC1 [complement(21174..21605)], ycf3 [complement(38922..39072)], ycf3 [complement(39881..40110)], ycf3 [complement(40907..41035)], trnL-UAA [43291..43327], trnL-UAA [43854..43903], rps12 [116101..116332], rps12 [116880..116905], clpP [complement(60037..60262)], clpP [complement(60912..61205)], clpP [complement(62093..62163)], petB [65244..65249], petB [66028..66669], petD [66839..66846], petD [67584..68058], rpl16 [complement(71255..71689)], rpl16 [complement(72712..72720)], rpl2 [complement(74664..75133)], rpl2 [complement(75756..76149)], trnI-GAU [90218..90251], trnI-GAU [91132..91170], trnA-UGC [91233..91271], trnA-UGC [92069..92103], trnA-UGC [complement(110326..110360)], trnA-UGC [complement(111158..111196)], trnI-GAU [complement(111259..111297)], trnI-GAU [complement(112178..112211)], rpl2 [126280..126670], rpl2 [127296..127765]	trnK-UUU [complement(1366..3951)], rps16 [complement(4807..5764)], atpF [complement(10517..11339)], rpoC1 [complement(20404..21173)], ycf3 [complement(39073..39880)], ycf3 [complement(40111..40906)], trnL-UAA [43328..43853], clpP [complement(60263..60911)], clpP [complement(61206..62092)], petB [65250..66027], petD [66847..67583], rpl16 [complement(71690..72711)], rpl2 [complement(75134..75755)], trnI-GAU [90252..91131], trnA-UGC [91272..92068], trnA-UGC [complement(110361..111157)], trnI-GAU [complement(111298..112177)], rpl2 [126671..127295]
3697.	VICR	57	rps12 [complement(84569..84595)], rps12 [complement(85159..85386)], rps12 [complement(59218..59331)], trnK [complement(1544..1579)], trnK [complement(4197..4235)], rps16 [complement(4863..5065)], rps16 [complement(5865..5904)], atpF [complement(10734..11144)], atpF [complement(11908..12039)], rpoC1 [complement(19088..20704)], rpoC1 [complement(21466..21897)], ycf3 [complement(38962..39114)], ycf3 [complement(39880..40107)], ycf3 [complement(40886..41011)], trnL [43347..43384], trnL [43867..43916], rps12 [113903..114130], rps12 [114694..114720], clpP [complement(59486..59710)], clpP	trnK [complement(1580..4196)], rps16 [complement(5066..5864)], atpF [complement(11145..11907)], rpoC1 [complement(20705..21465)], ycf3 [complement(39115..39879)], ycf3 [complement(40108..40885)], trnL [43385..43866], clpP [complement(59711..60322)], clpP [complement(60615..61472)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(60323..60614)], clpP [complement(61473..61543)], petB [64550..64555], petB [65374..66015], petD [66218..66225], petD [66935..67409], rpl16 [complement(70788..71189)], rpl16 [complement(72291..72299)], rpl2 [complement(74025..74459)], rpl2 [complement(75121..75510)], trnI [88803..88844], trnI [89731..89765], trnA [89828..89865], trnA [90642..90676], trnA [complement(108613..108647)], trnA [complement(109424..109461)], trnI [complement(109524..109558)], trnI [complement(110445..110486)], rpl2 [123779..124168], rpl2 [124830..125264]	[64556..65373], petD [66226..66934], rpl16 [complement(71190..72290)], rpl2 [complement(74460..75120)], trnI [88845..89730], trnA [89866..90641], trnA [complement(108648..109423)], trnI [complement(109559..110444)], rpl2 [124169..124829]
3698.	VICU	70	rps12 [complement(103249..103274)], rps12 [complement(103820..104051)], rps12 [complement(75043..75156)], trnK-UUU [complement(1819..1853)], trnK-UUU [complement(4413..4449)], rps16 [complement(5236..5456)], rps16 [complement(6310..6349)], trnG-UCC [10563..10585], trnG-UCC [11333..11380], atpF [complement(13326..13735)], atpF [complement(14473..14617)], rpoC1 [complement(22739..24361)], rpoC1 [complement(25105..25536)], ycf3 [complement(45761..45913)], ycf3 [complement(46708..46937)], ycf3 [complement(47685..47808)], trnL-UAA [50494..50529], trnL-UAA [50983..51032], trnV-UAC [complement(55846..55880)], trnV-UAC [complement(56469..56506)], clpP [complement(75290..75535)], clpP [complement(76169..76460)], clpP [complement(77225..77295)], petB [80171..80176], petB [80982..81623], petD [81816..81823], petD [82463..82967], rpl16 [complement(86684..87082)], rpl16 [complement(87875..87883)], rpl2 [complement(89597..90027)], rpl2 [complement(90698..91088)], ndhB [complement(100173..100928)], ndhB [complement(101634..102410)], trnI-GAU [107921..107957], trnI-GAU [108696..108730], trnA-UGC [108794..108831], trnA-UGC [109513..109547], ndhA [complement(124302..124840)], ndhA [complement(125762..126308)], trnA-UGC [complement(139018..139052)], trnA-UGC [complement(139734..139771)], trnI-GAU [complement(139835..139869)], trnI-GAU [complement(140607..140643)], ndhB [146154..146930], ndhB [147636..148391], rpl2 [157476..157866], rpl2 [158537..158967]	trnK-UUU [complement(1854..4412)], rps16 [complement(5457..6309)], trnG-UCC [10586..11332], atpF [complement(13736..14472)], rpoC1 [complement(24362..25104)], ycf3 [complement(45914..46707)], ycf3 [complement(46938..47684)], trnL-UAA [50530..50982], trnV-UAC [complement(55881..56468)], clpP [complement(75536..76168)], clpP [complement(76461..77224)], petB [80177..80981], petD [81824..82462], rpl16 [complement(87083..87874)], rpl2 [complement(90028..90697)], ndhB [complement(100929..101633)], trnI-GAU [107958..108695], trnA-UGC [108832..109512], ndhA [complement(124841..125761)], trnA-UGC [complement(139053..139733)], trnI-GAU [complement(139870..140606)], ndhB [146931..147635], rpl2 [157867..158536]
3699.	VIDO	42	rps12 [complement(74656..74769)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], trnG-GCC [10550..10572], trnG-GCC	trnK-UUU [complement(1749..4256)], rps16 [complement(5398..6297)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[11283..11319], atpF [complement(13337..13747)], trnL-UAA [51144..51180], trnL-UAA [51697..51746], trnV-UAC [complement(55644..55680)], trnV-UAC [complement(56254..56292)], rps12 [complement(74656..74769)], rps12 [147101..147126], trnI-GAU [107620..107661], trnI-GAU [108606..108640], trnA-UGC [108704..108741], trnA-UGC [109545..109579], trnA-UGC [complement(140570..140604)], trnA-UGC [complement(141408..141445)], trnI-GAU [complement(141509..141543)], trnI-GAU [complement(142488..142529)]	[10573..11282], atpF [complement(13748..14495)], rpoC1 [complement(24138..24900)], ycf3 [complement(46355..47097)], ycf3 [complement(47326..48052)], trnL-UAA [51181..51696], trnV-UAC [complement(55681..56253)], clpP [complement(75140..75770)], clpP [complement(76063..76871)], petB [79854..80541], petD [81380..82113], rpl16 [complement(86473..87535)], rpl2 [complement(89727..90390)], ndhB [complement(100726..101404)], trnI-GAU [107662..108605], trnA-UGC [108742..109544], ndhA [complement(126510..127641)], trnA-UGC [complement(140605..141407)], trnI-GAU [complement(141544..142487)], ndhB [148745..149423]
3700.	VIFI	70	trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], rps16 [complement(5153..5388)], rps16 [complement(6283..6322)], trnG-GCC [10561..10583], trnG-GCC [11297..11333], atpF [complement(13354..13767)], atpF [complement(14515..14658)], rpoC1 [complement(22545..24161)], rpoC1 [complement(24925..25356)], ycf3 [complement(46232..46384)], ycf3 [complement(47137..47355)], ycf3 [complement(48084..48209)], trnL-UAA [51182..51218], trnL-UAA [51735..51784], trnV-UAC [complement(55688..55724)], trnV-UAC [complement(56298..56336)], rps12 [74699..74812], rps12 [146330..146561], rps12 [147103..147127], clpP [complement(74955..75182)], clpP [complement(75814..76105)], clpP [complement(76915..76985)], petB [79878..79883], petB [80572..81213], petD [81402..81409], petD [82144..82618], rpl16 [complement(86096..86494)], rpl16 [complement(87558..87566)], rpl2 [complement(89313..89747)], rpl2	trnK-UUU [complement(1750..4256)], rps16 [complement(5389..6282)], trnG-GCC [10584..11296], atpF [complement(13768..14514)], rpoC1 [complement(24162..24924)], ycf3 [complement(46385..47136)], ycf3 [complement(47356..48083)], trnL-UAA [51219..51734], trnV-UAC [complement(55725..56297)], clpP [complement(75183..75813)], clpP [complement(76106..76914)], petB [79884..80571], petD [81410..82143], rpl16 [complement(86495..87557)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(90412..90801)], ndhB [complement(99992..100747)], ndhB [complement(101427..102203)], trnI-GAU [107642..107783], trnI-GAU [108628..108662], trnA-UGC [108726..108763], trnA-UGC [109567..109601], ndhA [complement(125971..126510)], ndhA [complement(127643..128194)], trnA-UGC [complement(140571..140605)], trnA-UGC [complement(141409..141446)], trnI-GAU [complement(141510..141554)], trnI-GAU [complement(142489..142530)], ndhB [147969..148745], ndhB [149425..150180], rpl2 [159371..159760], rpl2 [160425..160859]	[complement(89748..90411)], ndhB [complement(100748..101426)], trnI-GAU [107784..108627], trnA-UGC [108764..109566], ndhA [complement(126511..127642)], trnA-UGC [complement(140606..141408)], trnI-GAU [complement(141555..142488)], ndhB [148746..149424], rpl2 [159761..160424]
3701.	VIGI	41	rps12 [complement(74630..74743)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4258..4294)], trnG-GCC [10548..10570], trnG-GCC [11281..11317], trnL-UAA [51137..51173], trnL-UAA [51690..51739], trnV-UAC [complement(55629..55665)], trnV-UAC [complement(56239..56277)], rps12 [complement(74630..74743)], rps12 [147070..147095], trnI-GAU [107592..107633], trnI-GAU [108578..108612], trnA-UGC [108676..108713], trnA-UGC [109517..109551], trnA-UGC [complement(140539..140573)], trnA-UGC [complement(141377..141414)], trnI-GAU [complement(141478..141512)], trnI-GAU [complement(142457..142498)]	trnK-UUU [complement(1750..4257)], rps16 [complement(5395..6294)], trnG-GCC [10571..11280], atpF [complement(13749..14496)], rpoC1 [complement(24139..24901)], ycf3 [complement(46348..47090)], ycf3 [complement(47319..48045)], trnL-UAA [51174..51689], trnV-UAC [complement(55666..56238)], clpP [complement(75114..75743)], clpP [complement(76036..76844)], petB [79827..80514], petD [81353..82086], rpl16 [complement(86446..87508)], rpl2 [complement(89699..90362)], ndhB [complement(100698..101376)], trnI-GAU [107634..108577], trnA-UGC [108714..109516], ndhA [complement(126480..127611)], trnA-UGC [complement(140574..141376)], trnI-GAU [complement(141513..142456)], ndhB [148714..149392]
3702.	VIHE	41	rps12 [complement(74648..74761)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4256..4292)], trnG-GCC [10531..10553], trnG-GCC [11265..11301], trnL-UAA [51137..51173], trnL-UAA [51690..51739], trnV-	trnK-UUU [complement(1750..4255)], rps16 [complement(5389..6289)], trnG-GCC [10554..11264], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(55641..55677)], trnV-UAC [complement(56251..56289)], rps12 [complement(74648..74761)], rps12 [147072..147097], trnI-GAU [107607..107648], trnI-GAU [108593..108627], trnA-UGC [108691..108728], trnA-UGC [109532..109566], trnA-UGC [complement(140541..140575)], trnA-UGC [complement(141379..141416)], trnI-GAU [complement(141480..141514)], trnI-GAU [complement(142459..142500)]	[complement(13737..14483)], rpoC1 [complement(24131..24893)], ycf3 [complement(46343..47085)], ycf3 [complement(47314..48040)], trnL-UAA [51174..51689], trnV-UAC [complement(55678..56250)], clpP [complement(75132..75762)], clpP [complement(76055..76868)], petB [79849..80536], petD [81375..82108], rpl16 [complement(86460..87522)], rpl2 [complement(89713..90376)], ndhB [complement(100713..101391)], trnI-GAU [107649..108592], trnA-UGC [108729..109531], ndhA [complement(126482..127612)], trnA-UGC [complement(140576..141378)], trnI-GAU [complement(141515..142458)], ndhB [148716..149394]
3703.	VIJA	41	rps12 [complement(74614..74727)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], trnG-GCC [10516..10538], trnG-GCC [11251..11287], trnL-UAA [51114..51150], trnL-UAA [51667..51716], trnV-UAC [complement(55614..55650)], trnV-UAC [complement(56224..56262)], rps12 [complement(74614..74727)], rps12 [147023..147048], trnI-GAU [107563..107604], trnI-GAU [108549..108583], trnA-UGC [108647..108684], trnA-UGC [109488..109522], trnA-UGC [complement(140492..140526)], trnA-UGC [complement(141330..141367)], trnI-GAU [complement(141431..141465)], trnI-GAU [complement(142410..142451)]	trnK-UUU [complement(1750..4256)], rps16 [complement(5379..6271)], trnG-GCC [10539..11250], atpF [complement(13722..14468)], rpoC1 [complement(24099..24861)], ycf3 [complement(46310..47052)], ycf3 [complement(47281..48008)], trnL-UAA [51151..51666], trnV-UAC [complement(55651..56223)], clpP [complement(75098..75728)], clpP [complement(76021..76832)], petB [79802..80489], petD [81328..82061], rpl16 [complement(86416..87478)], rpl2 [complement(89669..90332)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(100669..101347)], trnI-GAU [107605..108548], trnA-UGC [108685..109487], ndhA [complement(126432..127563)], trnA-UGC [complement(140527..141329)], trnI-GAU [complement(141466..142409)], ndhB [148667..149345]
3704.	VILA	41	rps12 [complement(74612..74725)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], trnG-GCC [10516..10538], trnG-GCC [11251..11287], trnL-UAA [51113..51149], trnL-UAA [51666..51715], trnV-UAC [complement(55613..55649)], trnV-UAC [complement(56223..56261)], rps12 [complement(74612..74725)], rps12 [147021..147046], trnI-GAU [107561..107602], trnI-GAU [108547..108581], trnA-UGC [108645..108682], trnA-UGC [109486..109520], trnA-UGC [complement(140490..140524)], trnA-UGC [complement(141328..141365)], trnI-GAU [complement(141429..141463)], trnI-GAU [complement(142408..142449)]	trnK-UUU [complement(1750..4256)], rps16 [complement(5379..6271)], trnG-GCC [10539..11250], atpF [complement(13721..14467)], rpoC1 [complement(24098..24860)], ycf3 [complement(46309..47051)], ycf3 [complement(47280..48007)], trnL-UAA [51150..51665], trnV-UAC [complement(55650..56222)], clpP [complement(75096..75726)], clpP [complement(76019..76830)], petB [79800..80487], petD [81326..82059], rpl16 [complement(86414..87476)], rpl2 [complement(89667..90330)], ndhB [complement(100667..101345)], trnI-GAU [107603..108546], trnA-UGC [108683..109485], ndhA [complement(126430..127561)], trnA-UGC [complement(140525..141327)], trnI-GAU [complement(141464..142407)], ndhB [148665..149343]
3705.	VILB	41	rps12 [complement(74656..74769)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], trnG-GCC [10550..10572], trnG-GCC [11283..11319], trnL-UAA [51146..51182], trnL-UAA [51699..51748], trnV-UAC [complement(55646..55682)], trnV-UAC [complement(56256..56294)],	trnK-UUU [complement(1749..4256)], rps16 [complement(5397..6297)], trnG-GCC [10573..11282], atpF [complement(13749..14496)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(74656..74769)], rps12 [147095..147120], trnI-GAU [107619..107660], trnI-GAU [108605..108639], trnA-UGC [108703..108740], trnA-UGC [109544..109578], trnA-UGC [complement(140564..140598)], trnA-UGC [complement(141402..141439)], trnI-GAU [complement(141503..141537)], trnI-GAU [complement(142482..142523)]	[complement(24140..24902)], ycf3 [complement(46357..47099)], ycf3 [complement(47328..48054)], trnL-UAA [51183..51698], trnV-UAC [complement(55683..56255)], clpP [complement(75140..75769)], clpP [complement(76062..76871)], petB [79854..80541], petD [81380..82113], rpl16 [complement(86473..87535)], rpl2 [complement(89726..90389)], ndhB [complement(100725..101403)], trnI-GAU [107661..108604], trnA-UGC [108741..109543], ndhA [complement(126504..127635)], trnA-UGC [complement(140599..141401)], trnI-GAU [complement(141538..142481)], ndhB [148739..149417]
3706.	VIMA	61	rps12 [complement(94537..94562)], rps12 [complement(95102..95333)], rps12 [complement(68637..68750)], trnK-UUU [complement(1669..1703)], trnK-UUU [complement(4217..4253)], trnG-UCC [7826..7848], trnG-UCC [8554..8601], atpF [complement(10749..11158)], atpF [complement(11868..12012)], rpoC1 [complement(19597..21237)], rpoC1 [complement(22011..22442)], ycf3 [complement(41367..41519)], ycf3 [complement(42331..42560)], ycf3 [complement(43280..43403)], trnV-UAC [50386..50424], trnV-UAC [51011..51045], trnL-UAA [54627..54661], trnL-UAA [55190..55239], rps12 [145097..145328], rps12 [145868..145893], petB [72537..72542], petB [73323..73964], petD [74145..74152], petD [74894..75362], rpl2 [complement(81803..82237)], rpl2 [complement(82957..83346)], ndhB [complement(91475..92230)], ndhB [complement(92913..93659)], trnI-GAU [98386..98422], trnI-GAU [99264..99298], trnA-UGC [99363..99400], trnA-UGC [100232..100266], ndhA [111290..111842], ndhA [112992..113530], ndhA	trnK-UUU [complement(1704..4216)], trnG-UCC [7849..8553], atpF [complement(11159..11867)], rpoC1 [complement(21238..22010)], ycf3 [complement(41520..42330)], ycf3 [complement(42561..43279)], trnV-UAC [50425..51010], trnL-UAA [54662..55189], petB [72543..73322], petD [74153..74893], rpl2 [complement(82238..82956)], ndhB [complement(92231..92912)], trnI-GAU [98423..99263], trnA-UGC [99401..100231], ndhA [111843..112991], ndhA [complement(127439..128587)], trnA-UGC [complement(140199..141029)], trnI-GAU [complement(141167..142002)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(126900..127438)], ndhA [complement(128588..129140)], trnA-UGC [complement(140164..140198)], trnA-UGC [complement(141030..141067)], trnI-GAU [complement(141132..141166)], trnI-GAU [complement(142003..142044)], ndhB [146771..147517], ndhB [148200..148955]	[147518..148199]
3707.	VIMI	56	trnK-UUU [complement(1573..1607)], trnK-UUU [complement(4243..4282)], rps16 [complement(4758..4960)], rps16 [complement(5806..5845)], rpoC1 [13766..14197], rpoC1 [14959..16572], atpF [23828..23959], atpF [24739..25149], trnG-UCC [complement(27562..27608)], trnG-UCC [complement(28316..28338)], ycf3 [complement(40614..40766)], ycf3 [complement(41602..41829)], ycf3 [complement(42622..42747)], trnL-UAA [45185..45222], trnL-UAA [45714..45763], rps12 [complement(61711..61824)], rps12 [118568..118799], rps12 [119361..119386], clpP [complement(61988..62215)], clpP [complement(62890..63192)], petB [67211..67216], petB [68038..68679], petD [68861..68868], petD [69582..70056], rpl16 [complement(73333..73734)], rpl16 [complement(74810..74818)], rpl2 [complement(76564..76998)], rpl2 [complement(77660..78049)], trnI-GAU [92158..92199], trnI-GAU [93075..93109], trnA-UGC [93171..93208], trnA-UGC [94012..94046], trnA-UGC [complement(112765..112799)], trnA-UGC [complement(113603..113640)], trnI-GAU [complement(113702..113736)], trnI-GAU [complement(114612..114653)], rpl2 [128762..129151], rpl2 [129813..130247]	trnK-UUU [complement(1608..4242)], rps16 [complement(4961..5805)], rpoC1 [14198..14958], atpF [23960..24738], trnG-UCC [complement(27609..28315)], ycf3 [complement(40767..41601)], ycf3 [complement(41830..42621)], trnL-UAA [45223..45713], clpP [complement(62216..62889)], petB [67217..68037], petD [68869..69581], rpl16 [complement(73735..74809)], rpl2 [complement(76999..77659)], trnI-GAU [92200..93074], trnA-UGC [93209..94011], trnA-UGC [complement(112800..113602)], trnI-GAU [complement(113737..114611)], rpl2 [129152..129812]
3708.	VIMO	42	rps12 [complement(74655..74768)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4258..4294)], trnG-GCC [10558..10580], trnG-GCC [11291..11327], atpF [complement(13345..13755)], trnL-UAA [51152..51188], trnL-UAA [51705..51754], trnV-UAC [complement(55649..55685)], trnV-UAC [complement(56259..56297)], rps12 [complement(74655..74768)], rps12 [147101..147126], trnI-GAU [107617..107658], trnI-GAU [108603..108637], trnA-UGC [108701..108738], trnA-UGC [109542..109576], trnA-UGC [complement(140570..140604)], trnA-UGC [complement(141408..141445)], trnI-GAU [complement(141509..141543)], trnI-GAU	trnK-UUU [complement(1749..4257)], rps16 [complement(5398..6298)], trnG-GCC [10581..11290], atpF [complement(13756..14503)], rpoC1 [complement(24145..24907)], ycf3 [complement(46363..47105)], ycf3 [complement(47334..48060)], trnL-UAA [51189..51704], trnV-UAC [complement(55686..56258)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(142488..142529)]	[complement(75139..75768)], clpP [complement(76061..76869)], petB [79852..80539], petD [81378..82111], rpl16 [complement(86471..87533)], rpl2 [complement(89724..90387)], ndhB [complement(100723..101401)], trnI-GAU [107659..108602], trnA-UGC [108739..109541], ndhA [complement(126510..127641)], trnA-UGC [complement(140605..141407)], trnI-GAU [complement(141544..142487)], ndhB [148745..149423]
3709.	VIMR	18	rps12 [complement(71189..71302)], trnK-UUU [complement(1882..1916)], trnK-UUU [complement(4466..4502)], trnG-UCC [7134..7156], trnG-UCC [7851..7898], trnL-UAA [47884..47920], trnL-UAA [48428..48477], trnV-UAC [complement(52279..52315)], trnV-UAC [complement(52933..52971)], rps12 [144330..144355], trnI-GAU [105169..105210], trnI-GAU [106156..106190], trnA-UGC [106257..106294], trnA-UGC [107097..107131], trnA-UGC [complement(137597..137631)], trnA-UGC [complement(138434..138471)], trnI-GAU [complement(138538..138572)], trnI-GAU [complement(139518..139559)]	-
3710.	VIMU	70	trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], rps16 [complement(5165..5400)], rps16 [complement(6301..6340)], trnG-GCC [10585..10607], trnG-GCC [11318..11354], atpF [complement(13376..13783)], atpF [complement(14532..14675)], rpoC1 [complement(22558..24174)], rpoC1 [complement(24938..25369)], ycf3 [complement(46237..46389)], ycf3 [complement(47133..47360)], ycf3 [complement(48088..48213)], trnL-UAA [51179..51215], trnL-UAA [51732..51781], trnV-UAC [complement(55683..55716)], trnV-UAC [complement(56290..56328)], rps12 [74697..74810], rps12 [146355..146586], rps12 [147127..147152], clpP [complement(74953..75180)], clpP [complement(75811..76102)], clpP [complement(76911..76981)], petB [79887..79892], petB [80581..81222], petD	trnK-UUU [complement(1749..4256)], rps16 [complement(5401..6300)], trnG-GCC [10608..11317], atpF [complement(13784..14531)], rpoC1 [complement(24175..24937)], ycf3 [complement(46390..47132)], ycf3 [complement(47361..48087)], trnL-UAA [51216..51731], trnV-UAC [complement(55717..56289)], clpP [complement(75181..75810)], clpP [complement(76103..76910)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[81411..81418], petD [82153..82627], rpl16 [complement(86112..86510)], rpl16 [complement(87574..87582)], rpl2 [complement(89330..89764)], rpl2 [complement(90429..90818)], ndhB [complement(100008..100763)], ndhB [complement(101443..102219)], trnI-GAU [107658..107699], trnI-GAU [108644..108678], trnA-UGC [108762..108789], trnA-UGC [109583..109617], ndhA [complement(126003..126542)], ndhA [complement(127675..128226)], trnA-UGC [complement(140596..140630)], trnA-UGC [complement(141434..141471)], trnI-GAU [complement(141535..141569)], trnI-GAU [complement(142514..142555)], ndhB [147994..148770], ndhB [149450..150205], rpl2 [159395..159784], rpl2 [160449..160883]	[79893..80580], petD [81419..82152], rpl16 [complement(86511..87573)], rpl2 [complement(89765..90428)], ndhB [complement(100764..101442)], trnI-GAU [107700..108643], trnA-UGC [108790..109582], ndhA [complement(126543..127674)], trnA-UGC [complement(140631..141433)], trnI-GAU [complement(141570..142513)], ndhB [148771..149449], rpl2 [159785..160448]
3711.	VIPA	41	rps12 [complement(74660..74773)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], trnG-GCC [10548..10570], trnG-GCC [11281..11317], trnL-UAA [51149..51185], trnL-UAA [51702..51751], trnV-UAC [complement(55649..55685)], trnV-UAC [complement(56259..56297)], rps12 [complement(74660..74773)], rps12 [147100..147125], trnI-GAU [107622..107663], trnI-GAU [108608..108642], trnA-UGC [108706..108743], trnA-UGC [109547..109581], trnA-UGC [complement(140569..140603)], trnA-UGC [complement(141407..141444)], trnI-GAU [complement(141508..141542)], trnI-GAU [complement(142487..142528)]	trnK-UUU [complement(1749..4256)], rps16 [complement(5396..6295)], trnG-GCC [10571..11280], atpF [complement(13751..14498)], rpoC1 [complement(24142..24904)], ycf3 [complement(46360..47102)], ycf3 [complement(47331..48057)], trnL-UAA [51186..51701], trnV-UAC [complement(55686..56258)], clpP [complement(75144..75773)], clpP [complement(76066..76874)], petB [79857..80544], petD [81383..82116], rpl16 [complement(86476..87538)], rpl2 [complement(89729..90392)], ndhB [complement(100728..101406)], trnI-GAU [107664..108607], trnA-UGC [108744..109546], ndhA [complement(126510..127640)], trnA-UGC [complement(140604..141406)], trnI-GAU [complement(141543..142486)], ndhB [148744..149422]
3712.	VIPE	41	rps12 [complement(74659..74772)], trnK-UUU [complement(1720..1748)],	trnK-UUU [complement(1749..4257)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4258..4294)], trnG-GCC [10552..10574], trnG-GCC [11285..11321], trnL-UAA [51154..51190], trnL-UAA [51707..51756], trnV-UAC [complement(55654..55690)], trnV-UAC [complement(56264..56302)], rps12 [complement(74659..74772)], rps12 [147097..147122], trnI-GAU [107621..107662], trnI-GAU [108607..108641], trnA-UGC [108705..108742], trnA-UGC [109546..109580], trnA-UGC [complement(140566..140600)], trnA-UGC [complement(141404..141441)], trnI-GAU [complement(141505..141539)], trnI-GAU [complement(142484..142525)]	[complement(5398..6297)], trnG-GCC [10575..11284], atpF [complement(13754..14501)], rpoC1 [complement(24145..24907)], ycf3 [complement(46364..47106)], ycf3 [complement(47335..48061)], trnL-UAA [51191..51706], trnV-UAC [complement(55691..56263)], clpP [complement(75143..75772)], clpP [complement(76065..76873)], petB [79856..80543], petD [81382..82115], rpl16 [complement(86475..87537)], rpl2 [complement(89728..90391)], ndhB [complement(100727..101405)], trnI-GAU [107663..108606], trnA-UGC [108743..109545], ndhA [complement(126506..127637)], trnA-UGC [complement(140601..141403)], trnI-GAU [complement(141540..142483)], ndhB [148741..149419]
3713.	VIPH	18	rps12 [complement(71054..71167)], trnK-UUU [complement(1892..1926)], trnK-UUU [complement(4457..4493)], trnG-UCC [7076..7098], trnG-UCC [7823..7870], trnL [47729..47765], trnL [48246..48295], trnV-UAC [complement(52053..52089)], trnV-UAC [complement(52694..52732)], rps12 [144005..144030], trnI-GAU [104959..105000], trnI-GAU [105946..105980], trnA-UGC [106047..106084], trnA-UGC [106887..106921], trnA-UGC [complement(137289..137323)], trnA-UGC [complement(138126..138163)], trnI-GAU [complement(138230..138264)], trnI-GAU [complement(139210..139251)]	-
3714.	VIPI	41	rps12 [complement(74654..74767)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], trnG-GCC [10535..10557], trnG-GCC [11269..11305], trnL-UAA [51137..51173], trnL-UAA [51690..51739], trnV-	trnK-UUU [complement(1750..4256)], rps16 [complement(5390..6291)], trnG-GCC [10558..11268], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UAC [complement(55634..55670)], trnV-UAC [complement(56251..56289)], rps12 [complement(74654..74767)], rps12 [147063..147088], trnI-GAU [107610..107651], trnI-GAU [108596..108630], trnA-UGC [108694..108731], trnA-UGC [109535..109569], trnA-UGC [complement(140532..140566)], trnA-UGC [complement(141370..141407)], trnI-GAU [complement(141471..141505)], trnI-GAU [complement(142450..142491)]	[complement(13740..14486)], rpoC1 [complement(24142..24904)], ycf3 [complement(46353..47084)], ycf3 [complement(47313..48039)], trnL-UAA [51174..51689], trnV-UAC [complement(55671..56250)], clpP [complement(75138..75768)], clpP [complement(76061..76870)], petB [79846..80533], petD [81372..82105], rpl16 [complement(86462..87525)], rpl2 [complement(89716..90379)], ndhB [complement(100716..101394)], trnI-GAU [107652..108595], trnA-UGC [108732..109534], ndhA [complement(126473..127603)], trnA-UGC [complement(140567..141369)], trnI-GAU [complement(141506..142449)], ndhB [148707..149385]
3715.	VIRA	66	rps12 [complement(95401..95424)], rps12 [complement(95957..96187)], rps12 [complement(69651..69764)], rpl16 [839..847], rpl16 [1862..2260], trnK-UUU [complement(4626..4660)], trnK-UUU [complement(7223..7259)], trnV-UAC [12699..12737], trnV-UAC [13334..13370], trnL-UAA [complement(16216..16265)], trnL-UAA [complement(16769..16805)], ycf3 [19174..19299], ycf3 [19973..20200], ycf3 [20997..21149], rpoC1 [40365..40799], rpoC1 [41628..43247], atpF [51216..51359], atpF [52073..52471], rps12 [135983..136213], rps12 [136746..136769], clpP [complement(69990..70208)], clpP [complement(70969..71265)], clpP [complement(71974..72042)], petB [74905..74910], petB [75750..76391], petD [76595..76603], petD [77322..77795], rpl2 [complement(81823..82257)], rpl2 [complement(82918..83307)], ndhB [complement(92348..93103)], ndhB [complement(93796..94518)], trnI-GAU [100071..100112], trnI-GAU [101054..101088], trnA-UGC [101153..101190], trnA-UGC [102002..102036],	rpl16 [848..1861], trnK-UUU [complement(4661..7222)], trnV-UAC [12738..13333], trnL-UAA [complement(16266..16768)], ycf3 [19300..19972], ycf3 [20201..20996], rpoC1 [40800..41627], atpF [51360..52072], clpP [complement(70209..70968)], clpP [complement(71266..71973)], petB [74911..75749], petD [76604..77321], rpl2 [complement(82258..82917)], ndhB [complement(93104..93795)], trnI-GAU [100113..101053], trnA-UGC [101191..102001], ndhA [complement(116387..117657)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(115847..116386)], ndhA [complement(117658..118209)], trnA-UGC [complement(130134..130168)], trnA-UGC [complement(130980..131017)], trnI-GAU [complement(131082..131116)], trnI-GAU [complement(132058..132099)], ndhB [137652..138374], ndhB [139067..139822], rpl2 [148863..149252], rpl2 [149913..150347]	[complement(130169..130979)], trnI-GAU [complement(131117..132057)], ndhB [138375..139066], rpl2 [149253..149912]
3716.	VIRD	20	rps12 [complement(71055..71168)], trnK-UUU [complement(1863..1897)], trnK-UUU [complement(4428..4464)], trnG-UCC [7038..7060], trnG-UCC [7757..7804], trnL [47735..47771], trnL [48248..48297], trnV-UAC [complement(52062..52098)], trnV-UAC [complement(52709..52747)], rps12 [143791..143816], petD [79223..79730], trnI-GAU [104853..104894], trnI-GAU [105840..105874], trnA-UGC [105941..105978], trnA-UGC [106781..106815], trnA-UGC [complement(137243..137277)], trnA-UGC [complement(138080..138117)], trnI-GAU [complement(138184..138218)], trnI-GAU [complement(139164..139205)]	atpF [complement(10586..11305)]
3717.	VIRE	41	rps12 [complement(74672..74785)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], trnG-GCC [10535..10557], trnG-GCC [11268..11304], trnL-UAA [51157..51193], trnL-UAA [51710..51759], trnV-UAC [complement(55663..55699)], trnV-UAC [complement(56273..56311)], rps12 [complement(74672..74785)], rps12 [147087..147112], trnI-GAU [107628..107669], trnI-GAU [108614..108648], trnA-UGC [108712..108749], trnA-UGC [109553..109587], trnA-UGC [complement(140556..140590)], trnA-UGC [complement(141394..141431)], trnI-GAU [complement(141495..141529)], trnI-GAU [complement(142474..142515)]	trnK-UUU [complement(1750..4256)], rps16 [complement(5391..6290)], trnG-GCC [10558..11267], atpF [complement(13739..14485)], rpoC1 [complement(24133..24895)], ycf3 [complement(46362..47104)], ycf3 [complement(47333..48059)], trnL-UAA [51194..51709], trnV-UAC [complement(55700..56272)], clpP [complement(75156..75786)], clpP [complement(76079..76887)], petB [79870..80557], petD [81396..82129], rpl16 [complement(86481..87543)], rpl2 [complement(89734..90397)], ndhB [complement(100734..101412)], trnI-GAU [107670..108613], trnA-UGC [108750..109552], ndhA [complement(126496..127627)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(140591..141393)], trnI-GAU [complement(141530..142473)], ndhB [148731..149409]
3718.	VIRF	42	rps12 [complement(74651..74764)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], trnG-GCC [10549..10571], trnG-GCC [11282..11318], atpF [complement(13335..13745)], trnL-UAA [51141..51177], trnL-UAA [51694..51743], trnV-UAC [complement(55641..55677)], trnV-UAC [complement(56251..56289)], rps12 [complement(74651..74764)], rps12 [147090..147115], trnI-GAU [107613..107654], trnI-GAU [108599..108633], trnA-UGC [108697..108734], trnA-UGC [109538..109572], trnA-UGC [complement(140559..140593)], trnA-UGC [complement(141397..141434)], trnI-GAU [complement(141498..141532)], trnI-GAU [complement(142477..142518)]	trnK-UUU [complement(1749..4256)], rps16 [complement(5397..6296)], trnG-GCC [10572..11281], atpF [complement(13746..14493)], rpoC1 [complement(24137..24899)], ycf3 [complement(46352..47094)], ycf3 [complement(47323..48049)], trnL-UAA [51178..51693], trnV-UAC [complement(55678..56250)], clpP [complement(75135..75764)], clpP [complement(76057..76865)], petB [79848..80535], petD [81374..82107], rpl16 [complement(86467..87529)], rpl2 [complement(89720..90383)], ndhB [complement(100719..101397)], trnI-GAU [107655..108598], trnA-UGC [108735..109537], ndhA [complement(126499..127630)], trnA-UGC [complement(140594..141396)], trnI-GAU [complement(141533..142476)], ndhB [148734..149412]
3719.	VIRI	42	rps12 [complement(74649..74762)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], trnG-GCC [10549..10571], trnG-GCC [11282..11318], atpF [complement(13336..13746)], trnL-UAA [51142..51178], trnL-UAA [51695..51744], trnV-UAC [complement(55641..55677)], trnV-UAC [complement(56251..56289)], rps12 [complement(74649..74762)], rps12 [147091..147116], trnI-GAU [107612..107653], trnI-GAU [108598..108632], trnA-UGC [108696..108733], trnA-UGC [109537..109571], trnA-UGC [complement(140560..140594)], trnA-UGC [complement(141398..141435)],	trnK-UUU [complement(1749..4256)], rps16 [complement(5398..6297)], trnG-GCC [10572..11281], atpF [complement(13747..14494)], rpoC1 [complement(24138..24900)], ycf3 [complement(46353..47095)], ycf3 [complement(47324..48050)], trnL-UAA [51179..51694], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(141499..141533)], trnI-GAU [complement(142478..142519)]	[complement(55678..56250)], clpP [complement(75133..75762)], clpP [complement(76055..76863)], petB [79846..80533], petD [81372..82105], rpl16 [complement(86465..87527)], rpl2 [complement(89719..90382)], ndhB [complement(100718..101396)], trnI-GAU [107654..108597], trnA-UGC [108734..109536], ndhA [complement(126500..127631)], trnA-UGC [complement(140595..141397)], trnI-GAU [complement(141534..142477)], ndhB [148735..149413]
3720.	VIRO	70	rps12 [complement(102936..102961)], rps12 [complement(103502..103733)], rps12 [complement(74586..74699)], trnK-UUU [complement(1724..1752)], trnK-UUU [complement(4262..4298)], rps16 [complement(5213..5446)], rps16 [complement(6347..6388)], trnG-GCC [10480..10502], trnG-GCC [11211..11247], atpF [complement(13268..13681)], atpF [complement(14423..14566)], rpoC1 [complement(22437..24053)], rpoC1 [complement(24818..25249)], ycf3 [complement(46082..46234)], ycf3 [complement(46981..47208)], ycf3 [complement(47932..48057)], trnL-UAA [51050..51086], trnL-UAA [51604..51653], trnV-UAC [complement(55534..55570)], trnV-UAC [complement(56142..56180)], rps12 [complement(74586..74699)], rps12 [146239..146470], rps12 [147011..147036], clpP [complement(74842..75069)], clpP [complement(75701..75992)], clpP [complement(76804..76874)], petB [79766..79771], petB [80460..81101], petD [81290..81297], petD [82037..82511], rpl16 [complement(85989..86387)], rpl16 [complement(87450..87458)], rpl2 [complement(89205..89639)], rpl2 [complement(90304..90693)], ndhB [complement(99883..100638)], ndhB [complement(101318..102094)], trnI-GAU [107533..107574], trnI-GAU [108519..108553], trnA-UGC [108617..108654], trnA-UGC [109458..109492],	trnK-UUU [complement(1753..4261)], rps16 [complement(5447..6346)], trnG-GCC [10503..11210], atpF [complement(13682..14422)], rpoC1 [complement(24054..24817)], ycf3 [complement(46235..46980)], ycf3 [complement(47209..47931)], trnL-UAA [51087..51603], trnV-UAC [complement(55571..56141)], clpP [complement(75070..75700)], clpP [complement(75993..76803)], petB [79772..80459], petD [81298..82036], rpl16 [complement(86388..87449)], rpl2 [complement(89640..90303)], ndhB [complement(100639..101317)], trnI-GAU [107575..108518], trnA-UGC [108655..109457], ndhA [complement(126420..127550)], trnA-UGC [complement(140515..141317)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(125880..126419)], ndhA [complement(127551..128102)], trnA-UGC [complement(140480..140514)], trnA-UGC [complement(141318..141355)], trnI-GAU [complement(141419..141453)], trnI-GAU [complement(142398..142439)], ndhB [147878..148654], ndhB [149334..150089]	[complement(141454..142397)], ndhB [148655..149333]
3721.	VIRU	70	trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], rps16 [complement(5161..5396)], rps16 [complement(6297..6336)], trnG-GCC [10582..10604], trnG-GCC [11315..11351], atpF [complement(13369..13779)], atpF [complement(14528..14671)], rpoC1 [complement(22555..24177)], rpoC1 [complement(24935..25366)], ycf3 [complement(46234..46386)], ycf3 [complement(47130..47357)], ycf3 [complement(48085..48210)], trnL-UAA [51176..51212], trnL-UAA [51729..51778], trnV-UAC [complement(55675..55711)], trnV-UAC [complement(56285..56323)], rps12 [74686..74799], rps12 [146355..146586], rps12 [147127..147152], clpP [complement(74942..75169)], clpP [complement(75800..76091)], clpP [complement(76901..76971)], petB [79877..79882], petB [80571..81212], petD [81401..81408], petD [82143..82617], rpl16 [complement(86103..86501)], rpl16 [complement(87565..87573)], rpl2 [complement(89321..89755)], rpl2 [complement(90420..90809)], ndhB [complement(99999..100754)], ndhB [complement(101434..102210)], trnI-GAU [107649..107690], trnI-GAU [108635..108669], trnA-UGC [108733..108770], trnA-UGC [109574..109608], ndhA [complement(125996..126535)], ndhA [complement(127668..128219)], trnA-UGC [complement(140596..140630)], trnA-UGC [complement(141434..141471)], trnI-GAU [complement(141535..141569)], trnI-GAU [complement(142514..142545)], ndhB [147994..148770], ndhB [149450..150205], rpl2 [159395..159784], rpl2 [160449..160883]	trnK-UUU [complement(1749..4256)], rps16 [complement(5397..6296)], trnG-GCC [10605..11314], atpF [complement(13780..14527)], rpoC1 [complement(24178..24934)], ycf3 [complement(46387..47129)], ycf3 [complement(47358..48084)], trnL-UAA [51213..51728], trnV-UAC [complement(55712..56284)], clpP [complement(75170..75799)], clpP [complement(76092..76900)], petB [79883..80570], petD [81409..82142], rpl16 [complement(86502..87564)], rpl2 [complement(89756..90419)], ndhB [complement(100755..101433)], trnI-GAU [107691..108634], trnA-UGC [108771..109573], ndhA [complement(126536..127667)], trnA-UGC [complement(140631..141433)], trnI-GAU [complement(141570..142513)], ndhB [148771..149449], rpl2 [159785..160448]
3722.	VISA	26	trnK-UUU [complement(1692..1720)], trnK-UUU [complement(4162..4198)], trnV-UAC [9200..9238], trnV-UAC [9818..9854], trnA-UGC [complement(32065..32099)], trnA-UGC [complement(32908..32945)], trnI-GAU [complement(33011..33045)], trnI-GAU [complement(33707..33748)], trnL-UAA [117533..117569], trnL-UAA [117841..117890]	trnK-UUU [complement(1721..4161)], trnV-UAC [9239..9817], ndhA [complement(18322..19522)], trnA-UGC [complement(32100..32907)], trnI-GAU [complement(33046..33706)], ndhB [38410..39077], rpl2 [48051..48763], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[50641..51712], petD [complement(56415..57128)], petB [complement(57979..58784)], atpF [complement(73095..73786)], rpoC1 [complement(83293..84069)], clpP [91425..92005], ycf3 [96531..97268], ycf3 [97497..98286], trnL-UAA [117570..117840]
3723.	WISE	39	trnK-UUU [complement(1865..1899)], trnK-UUU [complement(4422..4458)], trnG-UCC [6976..6998], trnG-UCC [7715..7762], trnL-UAA [47540..47576], trnL-UAA [48058..48107], trnV-UAC [complement(51857..51893)], trnV- UAC [complement(52512..52550)], rps12 [142656..142681], trnI-GAU [104297..104338], trnI-GAU [105284..105318], trnA-UGC [105385..105422], trnA-UGC [106225..106259], trnA-UGC [complement(135940..135974)], trnA-UGC [complement(136777..136814)], trnI-GAU [complement(136881..136915)], trnI-GAU [complement(137861..137902)]	trnK-UUU [complement(1900..4421)], trnG- UCC [6999..7714], atpF [complement(10651..11352)], rpoC1 [complement(21371..22120)], ycf3 [complement(43669..44378)], ycf3 [complement(44607..45325)], trnL-UAA [47577..48057], trnV-UAC [complement(51894..52511)], clpP [complement(70995..71617)], clpP [complement(71909..72743)], petB [76009..76847], petD [77716..78529], rpl16 [complement(82827..83966)], rpl2 [complement(86258..86928)], ndhB [complement(97214..97895)], trnI-GAU [104339..105283], trnA-UGC [105423..106224], ndhA [complement(122228..123361)], trnA-UGC [complement(135975..136776)], trnI-GAU [complement(136916..137860)], ndhB [144304..144985], rpl2 [155271..155941]
3724.	VISH	42	rps12 [complement(74653..74766)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4257..4293)], trnG-GCC [10548..10570], trnG-GCC [11281..11317], atpF [complement(13335..13745)], trnL-UAA [51143..51179], trnL-UAA [51696..51745], trnV-UAC [complement(55643..55679)], trnV- UAC [complement(56253..56291)], rps12 [complement(74653..74766)], rps12	trnK-UUU [complement(1749..4256)], rps16 [complement(5397..6296)], trnG-GCC [10571..11280], atpF [complement(13746..14493)], rpoC1 [complement(24137..24899)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[147095..147120], trnI-GAU [107615..107656], trnI-GAU [108601..108635], trnA-UGC [108699..108736], trnA-UGC [109540..109574], trnA-UGC [complement(140564..140598)], trnA-UGC [complement(141402..141439)], trnI-GAU [complement(141503..141537)], trnI-GAU [complement(142482..142523)]	[complement(46354..47096)], ycf3 [complement(47325..48051)], trnL-UAA [51180..51695], trnV-UAC [complement(55680..56252)], clpP [complement(75137..75766)], clpP [complement(76059..76867)], petB [79850..80537], petD [81376..82109], rpl16 [complement(86469..87531)], rpl2 [complement(89722..90385)], ndhB [complement(100721..101399)], trnI-GAU [107657..108600], trnA-UGC [108737..109539], ndhA [complement(126504..127635)], trnA-UGC [complement(140599..141401)], trnI-GAU [complement(141538..142481)], ndhB [148739..149417]
3725.	VISP	49	rps12 [93859..93981], rps12 [38234..38491], trnK-UUU [complement(1699..1727)], trnK-UUU [complement(4170..4206)], trnV-UAC [9320..9358], trnV-UAC [9940..9976], ndhA [complement(17922..18461)], ndhA [complement(19662..20213)], trnA-UGC [complement(32593..32627)], trnA-UGC [complement(33436..33473)], trnI-GAU [complement(33539..33573)], trnI-GAU [complement(34251..34292)], ndhB [39164..39883], ndhB [40558..41349], rpl2 [49205..49597], rpl2 [50298..50732], rpl16 [52173..52181], rpl16 [53254..53655], petD [complement(57360..57833)], petD [complement(58548..58556)], petB [complement(58753..59397)], petB [complement(60202..60207)], atpF [complement(74344..74754)], atpF [complement(75425..75592)], rpoC1 [complement(83263..84906)], rpoC1 [complement(85698..86132)], clpP [92455..92817], clpP [93377..93604], ycf3 [97292..97417], ycf3 [98160..98387], ycf3 [99169..99294], trnL-UAA [119177..119213], trnL-UAA [119486..119535]	trnK-UUU [complement(1728..4169)], trnV-UAC [9359..9939], ndhA [complement(18462..19661)], trnA-UGC [complement(32628..33435)], trnI-GAU [complement(33574..34250)], ndhB [39884..40557], rpl2 [49598..50297], rpl16 [52182..53253], petD [complement(57834..58547)], petB [complement(59398..60201)], atpF [complement(74755..75424)], rpoC1 [complement(84907..85697)], clpP [92818..93376], ycf3 [97418..98159], ycf3 [98388..99168], trnL-UAA [119214..119485]
3726.	VITH	41	rps12 [complement(74665..74778)], trnK-UUU [complement(1721..1749)],	trnK-UUU [complement(1750..4256)], rps16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4257..4293)], trnG-GCC [10527..10549], trnG-GCC [11263..11299], trnL-UAA [51150..51186], trnL-UAA [51703..51752], trnV-UAC [complement(55656..55692)], trnV-UAC [complement(56266..56304)], rps12 [complement(74665..74778)], rps12 [147067..147092], trnI-GAU [107608..107649], trnI-GAU [108594..108628], trnA-UGC [108692..108729], trnA-UGC [109533..109567], trnA-UGC [complement(140536..140570)], trnA-UGC [complement(141374..141411)], trnI-GAU [complement(141475..141509)], trnI-GAU [complement(142454..142495)]	[complement(5389..6281)], trnG-GCC [10550..11262], atpF [complement(13734..14480)], rpoC1 [complement(24128..24890)], ycf3 [complement(46354..47096)], ycf3 [complement(47325..48052)], trnL-UAA [51187..51702], trnV-UAC [complement(55693..56265)], clpP [complement(75149..75779)], clpP [complement(76072..76880)], petB [79850..80537], petD [81376..82109], rpl16 [complement(86461..87523)], rpl2 [complement(89714..90377)], ndhB [complement(100714..101392)], trnI-GAU [107650..108593], trnA-UGC [108730..109532], ndhA [complement(126476..127607)], trnA-UGC [complement(140571..141373)], trnI-GAU [complement(141510..142453)], ndhB [148711..149389]
3727.	VITI	42	rps12 [complement(74643..74756)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4258..4294)], trnG-GCC [10543..10565], trnG-GCC [11276..11312], atpF [complement(13330..13740)], trnL-UAA [51136..51172], trnL-UAA [51689..51738], trnV-UAC [complement(55635..55671)], trnV-UAC [complement(56245..56283)], rps12 [complement(74643..74756)], rps12 [147076..147101], trnI-GAU [107605..107646], trnI-GAU [108591..108625], trnA-UGC [108689..108726], trnA-UGC [109530..109564], trnA-UGC [complement(140545..140579)], trnA-UGC [complement(141383..141420)], trnI-GAU [complement(141484..141518)], trnI-GAU [complement(142463..142504)]	trnK-UUU [complement(1749..4257)], rps16 [complement(5388..6289)], trnG-GCC [10566..11275], atpF [complement(13741..14488)], rpoC1 [complement(24133..24895)], ycf3 [complement(46345..47087)], ycf3 [complement(47316..48042)], trnL-UAA [51173..51688], trnV-UAC [complement(55672..56244)], clpP [complement(75127..75756)], clpP [complement(76049..76857)], petB [79840..80527], petD [81366..82099], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(86459..87521)], rpl2 [complement(89712..90375)], ndhB [complement(100711..101389)], trnI-GAU [107647..108590], trnA-UGC [108727..109529], ndhA [complement(126491..127622)], trnA-UGC [complement(140580..141382)], trnI-GAU [complement(141519..142462)], ndhB [148720..149398]
3728.	VITR	42	rps12 [complement(74636..74749)], trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4258..4294)], trnG-GCC [10554..10576], trnG-GCC [11287..11323], atpF [complement(13341..13751)], trnL-UAA [51138..51174], trnL-UAA [51691..51740], trnV-UAC [complement(55631..55667)], trnV- UAC [complement(56241..56279)], rps12 [complement(74636..74749)], rps12 [147074..147099], trnI-GAU [107598..107639], trnI-GAU [108584..108618], trnA-UGC [108682..108719], trnA-UGC [109523..109557], trnA-UGC [complement(140543..140577)], trnA-UGC [complement(141381..141418)], trnI-GAU [complement(141482..141516)], trnI-GAU [complement(142461..142502)]	trnK-UUU [complement(1750..4257)], rps16 [complement(5398..6297)], trnG-GCC [10577..11286], atpF [complement(13752..14499)], rpoC1 [complement(24142..24904)], ycf3 [complement(46349..47091)], ycf3 [complement(47320..48046)], trnL-UAA [51175..51690], trnV-UAC [complement(55668..56240)], clpP [complement(75120..75749)], clpP [complement(76042..76850)], petB [79833..80520], petD [81359..82092], rpl16 [complement(86452..87514)], rpl2 [complement(89705..90368)], ndhB [complement(100704..101382)], trnI-GAU [107640..108583], trnA-UGC [108720..109522], ndhA [complement(126483..127614)], trnA-UGC [complement(140578..141380)], trnI-GAU [complement(141517..142460)], ndhB [148718..149396]
3729.	VIUN	52	rps12 [complement(95377..95400)], rps12 [complement(95933..96163)], rps12 [complement(69627..69740)], rpl16 [1835..2236], trnK-UUU	rpl16 [824..1834], trnK-UUU [complement(4637..7198)], trnV-UAC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(4602..4636)], trnK-UUU [complement(7199..7235)], trnV-UAC [12675..12712], trnV-UAC [13310..13346], trnL-UAA [complement(16192..16241)], trnL-UAA [complement(16745..16781)], ycf3 [20973..21125], rpoC1 [41604..43223], atpF [52049..52447], rps12 [135968..136189], rps12 [136722..136745], clpP [complement(69966..70190)], petB [75726..76367], petD [77298..77771], ndhB [complement(92324..93079)], ndhB [complement(93772..94494)], trnI-GAU [100047..100088], trnI-GAU [101030..101064], trnA-UGC [101129..101166], trnA-UGC [101978..102012], ndhA [complement(115823..116362)], trnA-UGC [complement(130110..130144)], trnA-UGC [complement(130956..130993)], trnI-GAU [complement(131058..131092)], trnI-GAU [complement(132034..132075)], ndhB [139043..139798], rpl2 [149853..150323]	[12713..13309], trnL-UAA [complement(16242..16744)], ycf3 [19279..19948], ycf3 [20177..20972], rpoC1 [40776..41603], atpF [51336..52048], clpP [complement(70191..70944)], clpP [complement(71242..71949)], petB [74887..75725], petD [76580..77297], rpl2 [complement(82270..82890)], ndhB [complement(93080..93771)], trnI-GAU [100089..101029], trnA-UGC [101167..101977], ndhA [complement(116363..117633)], trnA-UGC [complement(130145..130955)], trnI-GAU [complement(131093..132033)], ndhB [138351..139042], rpl2 [149232..149852]
3730.	VIUT	67	rps12 [complement(100140..100166)], rps12 [complement(100703..100932)], rps12 [complement(71985..72099)], trnK-UUU [complement(1763..1797)], trnK-UUU [complement(4322..4358)], rps16 [complement(5224..5447)], rps16 [complement(6315..6351)], atpF [complement(12575..12985)], atpF [complement(13723..13869)], rpoC1 [complement(21610..23226)], rpoC1 [complement(23974..24426)], ycf3 [complement(43849..44001)], ycf3 [complement(44763..44990)], ycf3 [complement(45724..45849)], trnL-UAA [48840..48876], trnL-UAA [49380..49429], trnV-UAC [complement(53289..53325)], trnV-UAC [complement(53900..53938)], rps12 [complement(71986..72099)], rps12 [143267..143498], rps12 [144035..144060], clpP [complement(72238..72465)], clpP [complement(73107..73397)], clpP [complement(74171..74239)], petB [77151..77156], petB [77930..78571], petD [78767..78776], petD [79500..79972], rpl2 [complement(86670..87104)], rpl2 [complement(87767..88159)], ndhB [complement(97067..97822)], ndhB [complement(98498..99274)], trnI-GAU [104863..104904], trnI-GAU [105847..105881], trnA-UGC [105946..105983], trnA-UGC [106799..106833],	trnK-UUU [complement(1798..4321)], rps16 [complement(5448..6314)], atpF [complement(12986..13722)], rpoC1 [complement(23227..23973)], ycf3 [complement(44002..44762)], ycf3 [complement(44991..45723)], trnL-UAA [48877..49379], trnV-UAC [complement(53326..53899)], clpP [complement(72466..73106)], clpP [complement(73398..74170)], petB [77157..77929], petD [78777..79499], rpl2 [complement(87105..87766)], ndhB [complement(97823..98497)], trnI-GAU [104905..105846], trnA-UGC [105984..106798], ndhA [complement(123289..124367)], trnA-UGC [complement(137402..138216)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(122749..123288)], ndhA [complement(124368..124919)], trnA-UGC [complement(137367..137401)], trnA-UGC [complement(138217..138254)], trnI-GAU [complement(138319..138353)], trnI-GAU [complement(139296..139337)], ndhB [144926..145702], ndhB [146378..147133], rpl2 [156041..156430], rpl2 [157096..157530]	[complement(138354..139295)], ndhB [145703..146377], rpl2 [156431..157095]
3731.	VIVI	40	trnK-UUU [complement(1721..1749)], trnK-UUU [complement(4257..4293)], trnG-GCC [10536..10558], trnG-GCC [11269..11305], trnL-UAA [51131..51167], trnL-UAA [51684..51733], trnV-UAC [complement(55632..55668)], trnV-UAC [complement(56242..56280)], rps12 [74631..74744], rps12 [complement(102987..103012)], trnI-GAU [107584..107625], trnI-GAU [108570..108604], trnA-UGC [108668..108705], trnA-UGC [109509..109543], trnA-UGC [complement(140517..140551)], trnA-UGC [complement(141355..141392)], trnI-GAU [complement(141456..141490)], trnI-GAU [complement(142435..142476)]	trnK-UUU [complement(1750..4256)], rps16 [complement(5390..6289)], trnG-GCC [10559..11268], atpF [complement(13740..14486)], rpoC1 [complement(24135..24897)], ycf3 [complement(46334..47076)], ycf3 [complement(47305..48032)], trnL-UAA [51168..51683], trnV-UAC [complement(55669..56241)], clpP [complement(75115..75745)], clpP [complement(76038..76847)], petB [79823..80510], petD [81349..82082], rpl16 [complement(86437..87500)], rpl2 [complement(89691..90354)], ndhB [complement(100690..101368)], trnI-GAU [107626..108569], trnA-UGC [108706..109508], ndhA [complement(126459..127588)], trnA-UGC [complement(140552..141354)], trnI-GAU [complement(141491..142434)], ndhB [148692..149370]
3732.	VIVU	42	rps12 [complement(74653..74766)], trnK-UUU [complement(1720..1748)], trnK-UUU [complement(4259..4295)], trnG-GCC [10546..10568], trnG-GCC [11279..11315], atpF [complement(13333..13743)], trnL-UAA [51142..51178], trnL-UAA [51695..51744], trnV-UAC [complement(55646..55682)], trnV-UAC [complement(56256..56294)], rps12 [complement(74653..74766)], rps12 [147091..147116], trnI-GAU [107615..107656], trnI-GAU [108601..108635],	trnK-UUU [complement(1749..4258)], rps16 [complement(5401..6300)], trnG-GCC [10569..11278], atpF [complement(13744..14491)], rpoC1 [complement(24135..24897)], ycf3 [complement(46353..47095)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnA-UGC [108699..108736], trnA-UGC [109540..109574], trnA-UGC [complement(140560..140594)], trnA-UGC [complement(141398..141435)], trnI-GAU [complement(141499..141533)], trnI-GAU [complement(142478..142519)]	[complement(47324..48050)], trnL-UAA [51179..51694], trnV-UAC [complement(55683..56255)], clpP [complement(75137..75766)], clpP [complement(76059..76867)], petB [79850..80537], petD [81376..82109], rpl16 [complement(86469..87531)], rpl2 [complement(89722..90385)], ndhB [complement(100721..101399)], trnI-GAU [107657..108600], trnA-UGC [108737..109539], ndhA [complement(126500..127631)], trnA-UGC [complement(140595..141397)], trnI-GAU [complement(141534..142477)], ndhB [148735..149413]
3733.	VIWE	18	rps12 [complement(71206..71319)], trnK-UUU [complement(1867..1901)], trnK-UUU [complement(4450..4486)], trnG-UCC [7115..7137], trnG-UCC [7832..7879], trnL-UAA [47821..47857], trnL-UAA [48362..48411], trnV-UAC [complement(52265..52301)], trnV-UAC [complement(52920..52958)], rps12 [144264..144289], trnI-GAU [105228..105269], trnI-GAU [106215..106249], trnA-UGC [106316..106353], trnA-UGC [107156..107190], trnA-UGC [complement(137510..137544)], trnA-UGC [complement(138347..138384)], trnI-GAU [complement(138451..138485)], trnI-GAU [complement(139431..139472)]	-
3734.	VOAC	73	rps12 [complement(105004..105029)], rps12 [complement(105574..105805)], rps12 [complement(76761..76874)], trnK-UUU [complement(1821..1855)], trnK-UUU [complement(4368..4404)], rps16 [complement(5293..5519)], rps16 [complement(6398..6437)], trnG-UCC [10039..10061], trnG-UCC [10787..10834], atpF [complement(13112..13521)], atpF [complement(14316..14460)], rpoC1 [complement(23198..24814)], rpoC1 [complement(25554..26006)], ycf3 [complement(47255..47407)], ycf3 [complement(48109..48338)], ycf3 [complement(49093..49216)], trnL	trnK-UUU [complement(1856..4367)], rps16 [complement(5520..6397)], trnG-UCC [10062..10786], atpF [complement(13522..14315)], rpoC1 [complement(24815..25553)], ycf3 [complement(47408..48108)], ycf3 [complement(48339..49092)], trnL [53515..54034], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[53479..53514], trnL [54035..54080], trnV [complement(57839..57873)], trnV [complement(58480..58517)], rps12 [complement(76761..76874)], rps12 [156756..156987], rps12 [157532..157557], clpP [complement(77047..77274)], clpP [complement(77888..78179)], clpP [complement(79049..79119)], petB [82048..82053], petB [82841..83482], petD [83675..83682], petD [84492..84966], rpl16 [complement(88218..88616)], rpl16 [complement(89615..89623)], rpl2 [complement(91309..91742)], rpl2 [complement(92407..92797)], ndhB [complement(101937..102698)], ndhB [complement(103381..104157)], trnI [109784..109820], trnI [110773..110807], trnA [110872..110909], trnA [111713..111747], ndhA [complement(136055..136594)], ndhA [complement(137676..138227)], trnA [complement(150814..150848)], trnA [complement(151652..151689)], trnI [complement(151754..151788)], trnI [complement(152741..152777)], ndhB [158404..159180], ndhB [159863..160624], rpl2 [169764..170154], rpl2 [170819..171252]	[complement(57874..58479)], clpP [complement(77275..77887)], clpP [complement(78180..79048)], petB [82054..82840], petD [83683..84491], rpl16 [complement(88617..89614)], rpl2 [complement(91743..92406)], ndhB [complement(102699..103380)], trnI [109821..110772], trnA [110910..111712], ndhA [complement(136595..137675)], trnA [complement(150849..151651)], trnI [complement(151789..152740)], ndhB [159181..159862], rpl2 [170155..170818]
3735.	WAD E	70	rps12 [complement(101706..101731)], rps12 [complement(102273..102501)], rps12 [complement(72679..72792)], trnK-UUU [complement(1394..1428)], trnK-UUU [complement(4087..4123)], rps16 [complement(4911..5136)], rps16 [complement(5997..6037)], trnG-GCC [9653..9675], trnG-GCC [10381..10417], atpF [complement(12360..12770)], atpF [complement(13584..13724)], rpoC1 [complement(21558..23178)], rpoC1 [complement(23937..24364)], ycf3 [complement(43267..43427)], ycf3 [complement(44165..44392)], ycf3 [complement(45109..45232)], trnL-UAA [48381..48415], trnL-UAA [48953..49002], trnV-UAC [complement(53953..53989)], trnV-UAC [complement(54577..54615)], rps12 [complement(72679..72792)], rps12 [144564..144792], rps12 [145334..145359], clpP [complement(72929..73180)], clpP [complement(73823..74114)], clpP [complement(74934..75004)], petB [77932..77937], petB [78714..79361], petD [79555..79562], petD [80289..80802], rpl16 [complement(84358..84717)], rpl16 [complement(86039..86044)], ndhB [complement(98632..99387)], ndhB [complement(100092..100868)], trnI-GAU [106484..106525], trnI-GAU	trnK-UUU [complement(1429..4086)], rps16 [complement(5137..5996)], trnG-GCC [9676..10380], atpF [complement(12771..13583)], rpoC1 [complement(23179..23936)], ycf3 [complement(43428..44164)], ycf3 [complement(44393..45108)], trnL-UAA [48416..48952], trnV-UAC [complement(53990..54576)], clpP [complement(73181..73822)], clpP [complement(74115..74933)], petB [77938..78713], petD [79563..80288], rpl16 [complement(84718..86038)], ndhB [complement(99388..100091)], trnI-GAU [106526..107462], trnA-UGC [107600..108315], ndhA [complement(124628..125744)], trnA-UGC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[107463..107497], trnA-UGC [107562..107599], trnA-UGC [108316..108351], ndhA [complement(124089..124627)], ndhA [complement(125745..126297)], trnA-UGC [complement(138625..138659)], trnA-UGC [complement(139466..139503)], trnI-GAU [complement(139568..139602)], trnI-GAU [complement(140540..140581)], ndhB [146197..146871], ndhB [147678..148433], rpl2 [157590..157979], rpl2 [158642..159070]	[complement(138660..139465)], trnI-GAU [complement(139603..140539)], ndhB [146872..147677], rpl2 [157980..158641]
3736.	WAR O	70	rps12 [complement(100024..100049)], rps12 [complement(100591..100819)], rps12 [complement(71173..71286)], trnK-UUU [complement(1417..1451)], trnK-UUU [complement(4072..4108)], rps16 [complement(4849..5069)], rps16 [complement(5954..5993)], trnG-UCC [8968..8990], trnG-UCC [9678..9725], atpF [complement(11670..12080)], atpF [complement(12879..13025)], rpoC1 [complement(20920..22540)], rpoC1 [complement(23283..23710)], ycf3 [complement(42630..42790)], ycf3 [complement(43523..43750)], ycf3 [complement(44467..44590)], trnL-UAA [47556..47590], trnL-UAA [48109..48158], trnV-UAC [complement(52818..52854)], trnV-UAC [complement(53447..53485)], rps12 [complement(71173..71286)], rps12 [142688..142916], rps12 [143458..143483], clpP [complement(71423..71674)], clpP [complement(72323..72614)], clpP [complement(73433..73503)], petB [76422..76427], petB [77217..77864], petD [78078..78085], petD [78818..79331], rpl2 [complement(86285..86716)], rpl2 [complement(87379..87768)], ndhB [complement(96950..97705)], ndhB [complement(98410..99186)], trnI-GAU [104873..104914], trnI-GAU [105852..105886], trnA-UGC [105951..105988], trnA-UGC [106790..106824], ndhA [complement(122148..122689)], ndhA [complement(123742..124294)], trnA-UGC [complement(136683..136717)], trnA-UGC [complement(137519..137556)], trnI-GAU [complement(137621..137655)], trnI-GAU [complement(138593..138634)], ndhB [144321..145097], ndhB [145802..146557], rpl2 [155739..156128], rpl2 [156791..157222]	trnK-UUU [complement(1452..4071)], rps16 [complement(5070..5953)], trnG-UCC [8991..9677], atpF [complement(12081..12878)], rpoC1 [complement(22541..23282)], ycf3 [complement(42791..43522)], ycf3 [complement(43751..44466)], trnL-UAA [47591..48108], trnV-UAC [complement(52855..53446)], clpP [complement(71675..72322)], clpP [complement(72615..73432)], petB [76428..77216], petD [78086..78817], rpl2 [complement(86717..87378)], ndhB [complement(97706..98409)], trnI-GAU [104915..105851], trnA-UGC [105989..106789], ndhA [complement(122690..123741)], trnA-UGC [complement(136718..137518)], trnI-GAU [complement(137656..138592)], ndhB [145098..145801], rpl2 [156129..156790]
3737.	WEFL	67	rps12 [complement(101342..101367)], rps12 [complement(101937..102168)], rps12 [complement(73764..73877)], trnK-UUU [complement(1430..1464)], trnK-UUU [complement(4004..4040)], rps16 [complement(4723..4922)], rps16 [complement(5774..5813)], trnG-GCC [9692..9714], trnG-GCC	trnK-UUU [complement(1465..4003)], rps16 [complement(4923..5773)], trnG-GCC [9715..10419], atpF [complement(12822..13540)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[10420..10466], atpF [complement(12411..12821)], atpF [complement(13541..13684)], rpoC1 [complement(21705..23323)], rpoC1 [complement(24096..24525)], ycf3 [complement(44453..44607)], ycf3 [complement(45367..45592)], ycf3 [complement(46319..46444)], trnL-UAA [49064..49099], trnL-UAA [49609..49657], trnV-UAC [complement(53496..53531)], trnV-UAC [complement(54108..54147)], rps18 [71689..71727], rps18 [71791..71992], rps18 [72294..72340], rps12 [complement(73764..73877)], rps12 [143928..144159], rps12 [144729..144760], rpl2 [complement(87502..87936)], rpl2 [complement(88613..88993)], ycf2 [89775..96095], ycf2 [96354..96626], ndhB [complement(98257..99012)], ndhB [complement(99701..100477)], trnI-GAU [106132..106168], trnI-GAU [107153..107187], trnA-UGC [107252..107289], trnA-UGC [108095..108129], ndhA [complement(122813..123351)], ndhA [complement(124427..124979)], trnA-UGC [complement(137973..138007)], trnA-UGC [complement(138813..138850)], trnI-GAU [complement(138915..138949)], trnI-GAU [complement(139934..139970)], ndhB [145625..146401], ndhB [147090..147845], ycf2 [complement(149476..149748)], ycf2 [complement(150007..156327)]</p>	<p>[complement(23324..24095)], ycf3 [complement(44608..45366)], ycf3 [complement(45593..46318)], trnL-UAA [49100..49608], trnV-UAC [complement(53532..54107)], rps18 [71728..71790], rps18 [71993..72293], rpl2 [complement(87937..88612)], ycf2 [96096..96353], ndhB [complement(99013..99700)], trnI-GAU [106169..107152], trnA-UGC [107290..108094], ndhA [complement(123352..124426)], trnA-UGC [complement(138008..138812)], trnI-GAU [complement(138950..139933)], ndhB [146402..147089], ycf2 [complement(149749..150006)]</p>
3738.	WEJA	70	<p>rps12 [complement(101889..101914)], rps12 [complement(102451..102682)], rps12 [complement(73424..73537)], trnH-GUG [complement(156594..156600)], trnH-GUG [complement(1..67)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4274..4310)], rps16 [complement(5175..5403)], rps16 [complement(6254..6294)], trnG-UCC [10200..10222], trnG-UCC [10930..10977], atpF [complement(12915..13324)], atpF [complement(14046..14190)], rpoC1 [complement(22196..23812)], rpoC1 [complement(24586..25044)], ycf3 [complement(44896..45048)], ycf3 [complement(45808..46035)], ycf3 [complement(46762..46887)], trnL-UAA [49503..49539], trnL-UAA [50047..50096], trnV-UAC [complement(53933..53967)], trnV-UAC [complement(54546..54584)], rps12 [complement(73424..73537)], rps12 [143791..144022], rps12 [144559..144584], clpP [complement(73697..73924)], clpP [complement(74539..74830)], clpP [complement(75633..75703)], petB</p>	<p>trnH-GUG [complement(156601..0)], trnK-UUU [complement(1735..4273)], rps16 [complement(5404..6253)], trnG-UCC [10223..10929], atpF [complement(13325..14045)], rpoC1 [complement(23813..24585)], ycf3 [complement(45049..45807)], ycf3 [complement(46036..46761)], trnL-UAA [49540..50046], trnV-UAC [complement(53968..54545)], clpP [complement(73925..74538)], clpP [complement(74831..75632)], petB [78671..79410], petD [80253..80999], rpl16 [complement(85385..86464)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[78665..78670], petB [79411..80052], petD [80245..80252], petD [81000..81474], rpl16 [complement(84986..85384)], rpl16 [complement(86465..86473)], ndhB [complement(98821..99576)], ndhB [complement(100248..101024)], trnI-GAU [106516..106552], trnI-GAU [107501..107535], trnA-UGC [107600..107637], trnA-UGC [108443..108477], ndhA [complement(123747..124285)], ndhA [complement(125355..125907)], trnA-UGC [complement(137996..138030)], trnA-UGC [complement(138836..138873)], trnI-GAU [complement(138938..138972)], trnI-GAU [complement(139921..139957)], ndhB [145449..146225], ndhB [146897..147652]	[complement(99577..100247)], trnI-GAU [106553..107500], trnA-UGC [107638..108442], ndhA [complement(124286..125354)], trnA-UGC [complement(138031..138835)], trnI-GAU [complement(138973..139920)], ndhB [146226..146896]
3739.	WEK O	28	rps12 [complement(97419..97661)], rps12 [complement(69131..69244)], trnK-UUU [complement(1603..1632)], trnK-UUU [complement(4166..4202)], ycf3 [complement(43127..43356)], rps12 [137806..138048]	trnK-UUU [complement(1633..4165)], rps16 [complement(5237..6135)], rpoC1 [16278..17026], atpF [26765..27472], trnG-UCC [complement(29964..30696)], ycf3 [complement(42388..43126)], ycf3 [complement(43357..44047)], trnL-UAA [47037..47474], trnV-UAC [complement(51003..51575)], clpP [complement(69674..70281)], clpP [complement(70573..71384)], petB [74428..75164], petD [76003..76732], rpl2 [complement(84193..84861)], ndhB [complement(94599..95273)], trnI-GAU [101617..102400], trnA-UGC [102538..103356], ndhA [115682..116751], trnA-UGC [complement(132111..132929)], trnI-GAU [complement(133067..133850)], ndhB [140194..140868], rpl2 [150607..151275]
3740.	WEMI	12	psbA [complement(119564..119726)], psbA [complement(1..899)], trnF [38992..39028], trnF [39042..39110], rps12 [110316..110358], trnA [82684..82721]	psbA [complement(119727..0)], trnG [complement(34922..35552)], trnF [39029..39041], trnV

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(39531..40127)], petB [59060..59692], trnA [82722..83480]
3741.	WHC A	64	rps12 [complement(91170..91198)], rps12 [complement(91739..91970)], rps12 [complement(68098..68211)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3889..3926)], rps16 [complement(4462..4679)], rps16 [complement(5513..5552)], trnG-UCC [complement(12941..12988)], trnG-UCC [complement(13672..13694)], atpF [33717..33875], atpF [34691..35098], ycf3 [complement(42897..43055)], ycf3 [complement(43793..44020)], ycf3 [complement(44758..44883)], trnL-UAA [47660..47694], trnL-UAA [48234..48283], trnV-UAC [complement(51795..51841)], trnV-UAC [complement(52428..52466)], rps12 [128407..128638], rps12 [129179..129207], petB [71948..71953], petB [72712..73359], petD [73548..73555], petD [74296..74770], rpl16 [complement(78325..78726)], rpl16 [complement(79811..79819)], rpl2 [complement(81775..82206)], rpl2 [complement(82867..83259)], ndhB [complement(88099..88855)], ndhB [complement(89566..90341)], trnI-GAU [95778..95819], trnI-GAU [96767..96801], trnA-UGC [96867..96904], trnA-UGC [97715..97749], ndhA [complement(113175..113714)], ndhA [complement(114735..115274)], trnA-UGC [complement(122628..122662)], trnA-UGC [complement(123473..123510)], trnI-GAU [complement(123576..123610)], trnI-GAU [complement(124558..124599)], ndhB [130036..130812], ndhB [131523..132278], rpl2 [137118..137510], rpl2 [138171..138602]	trnK-UUU [complement(1411..3888)], rps16 [complement(4680..5512)], trnG-UCC [complement(12989..13671)], atpF [33876..34690], ycf3 [complement(43056..43792)], ycf3 [complement(44021..44757)], trnL-UAA [47695..48233], trnV-UAC [complement(51842..52427)], petB [71954..72711], petD [73556..74295], rpl16 [complement(78727..79810)], rpl2 [complement(82207..82866)], ndhB [complement(88856..89565)], trnI-GAU [95820..96766], trnA-UGC [96905..97714], ndhA [complement(113715..114734)], trnA-UGC [complement(122663..123472)], trnI-GAU [complement(123611..124557)], ndhB [130813..131522], rpl2 [137511..138170]
3742.	WHM O	72	rps12 [complement(99048..99073)], rps12 [complement(99610..99841)], rps12 [complement(71298..71411)], trnK-UUU [complement(1700..1734)], trnK-UUU [complement(4236..4272)], rps16 [complement(5083..5310)], rps16 [complement(6188..6226)], trnG-UCC [9667..9689], trnG-UCC [10375..10422], atpF [complement(12343..12750)], atpF [complement(13478..13636)], rpoC1 [complement(21560..23185)], rpoC1 [complement(23944..24378)], ycf3 [complement(43553..43705)], ycf3 [complement(44436..44663)], ycf3 [complement(45364..45489)], trnL-UAA [48490..48524], trnL-UAA [49047..49096], trnV-UAC [complement(52903..52939)], trnV-UAC [complement(53520..53558)], rps12	trnK-UUU [complement(1735..4235)], rps16 [complement(5311..6187)], trnG-UCC [9690..10374], atpF [complement(12751..13477)], rpoC1 [complement(23186..23943)], ycf3 [complement(43706..44435)], ycf3 [complement(44664..45363)], trnL-UAA [48525..49046], trnV-UAC [complement(52940..53519)], clpP [complement(71780..72405)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[141881..142112], rps12 [142649..142674], clpP [complement(71552..71779)], clpP [complement(72406..72696)], clpP [complement(73410..73478)], petB [76356..76361], petB [77108..77749], petD [77943..77950], petD [78706..79180], rpl16 [complement(82637..83038)], rpl16 [complement(84003..84011)], rpl2 [complement(85668..86102)], rpl2 [complement(86763..87155)], ndhB [complement(96009..96764)], ndhB [complement(97444..98220)], trnI-GAU [103786..103827], trnI-GAU [104765..104799], trnA-UGC [104863..104900], trnA-UGC [105707..105741], ndhA [complement(121485..122024)], ndhA [complement(123032..123583)], trnA-UGC [complement(135981..136015)], trnA-UGC [complement(136822..136858)], trnI-GAU [complement(136923..136957)], trnI-GAU [complement(137895..137936)], ndhB [143502..144278], ndhB [144958..145713], rpl2 [154567..154956], rpl2 [155620..156054]	[complement(72697..73409)], petB [76362..77107], petD [77951..78705], rpl16 [complement(83039..84002)], rpl2 [complement(86103..86762)], ndhB [complement(96765..97443)], trnI-GAU [103828..104764], trnA-UGC [104901..105706], ndhA [complement(122025..123031)], trnA-UGC [complement(136016..136821)], trnI-GAU [complement(136958..137894)], ndhB [144279..144957], rpl2 [154957..155619]
3743.	WIFL	53	rps12 [complement(99944..99969)], rps12 [complement(100502..100733)], rps12 [complement(72084..72197)], trnK-UUU [complement(1749..1783)], trnK-UUU [complement(4345..4381)], trnV-UAC [9825..9863], trnV-UAC [10449..10485], trnL-UAA [complement(13678..13727)], trnL-UAA [complement(14292..14328)], ycf3 [17455..17578], ycf3 [18295..18524], ycf3 [19275..19427], rpoC1 [39152..39583], rpoC1 [40352..41974], atpF [50514..50658], atpF [51370..51779], trnG-UCC [53953..54000], trnG-UCC [54703..54725], clpP [complement(72332..72562)], clpP [complement(73150..73512)], petB [76952..76957], petB [77793..78434], petD [78636..78643], petD [79312..79786], rpl16 [complement(84160..84558)], rpl16 [complement(85667..85675)], rpl2 [complement(87243..87676)], rpl2 [complement(88366..88756)], ndhB [complement(96894..97649)], ndhB [complement(98334..99056)], trnI-GAU [104448..104485], trnI-GAU [105437..105471], trnA-UGC [105532..105569], trnA-UGC [106373..106407], ndhA [118912..119464], ndhA [120703..121241]	trnK-UUU [complement(1784..4344)], trnV-UAC [9864..10448], trnL-UAA [complement(13728..14291)], ycf3 [17579..18294], ycf3 [18525..19274], rpoC1 [39584..40351], atpF [50659..51369], trnG-UCC [54001..54702], clpP [complement(72563..73149)], petB [76958..77792], petD [78644..79311], rpl16 [complement(84559..85666)], rpl2 [complement(87677..88365)], ndhB [complement(97650..98333)], trnI-GAU [104486..105436], trnA-UGC [105570..106372], ndhA [119465..120702]
3744.	WIHE	1	rps12 [149292..149317]	-
3745.	WISI	50	rps12 [complement(100003..100028)], rps12 [complement(100561..100792)], rps12 [complement(72105..72218)], trnK-UUU [complement(1849..1883)], trnK-UUU [complement(4445..4481)], trnV-UAC [9980..10018], trnV-UAC	trnK-UUU [complement(1884..4444)], trnV-UAC [10019..10599], trnL-UAA [complement(13882..14415)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10600..10636], trnL-UAA [complement(13832..13881)], trnL-UAA [complement(14416..14452)], ycf3 [17588..17711], ycf3 [18430..18659], ycf3 [19409..19561], rpoC1 [39264..39695], rpoC1 [40464..42086], atpF [50641..50785], atpF [51497..51906], trnG-UCC [complement(54079..54126)], trnG-UCC [complement(54829..54851)], clpP [complement(72353..72583)], clpP [complement(73195..73557)], petB [76997..77002], petB [77838..78479], petD [78681..78688], petD [79357..79831], rpl16 [complement(84196..84594)], rpl16 [complement(85692..85700)], rpl2 [complement(87281..87714)], rpl2 [complement(88404..88794)], trnI-GAU [104508..104545], trnI-GAU [105497..105531], trnA-UGC [105592..105629], trnA-UGC [106434..106468], ndhA [118609..119161], ndhA [120378..120916]	[17712..18429], ycf3 [18660..19408], rpoC1 [39696..40463], atpF [50786..51496], trnG-UCC [complement(54127..54828)], clpP [complement(72584..73194)], petB [77003..77837], petD [78689..79356], rpl16 [complement(84595..85691)], rpl2 [complement(87715..88403)], trnI-GAU [104546..105496], trnA-UGC [105630..106433], ndhA [119162..120377]
3746.	WISP	69	rps12 [complement(97825..97850)], rps12 [complement(98387..98618)], rps12 [complement(70291..70404)], trnK-UUU [complement(1689..1723)], trnK-UUU [complement(4221..4257)], rps16 [complement(5146..5372)], rps16 [complement(6230..6269)], trnG-UCC [9380..9402], trnG-UCC [10084..10131], atpF [complement(12086..12496)], atpF [complement(13215..13358)], rpoC1 [complement(21175..22777)], rpoC1 [complement(23570..24024)], ycf3 [complement(42536..42687)], ycf3 [complement(43402..43630)], ycf3 [complement(44351..44476)], trnL-UAA [47336..47370], trnL-UAA [47872..47920], trnV-UAC [complement(51828..51862)], trnV-UAC [complement(52429..52466)], rps12 [139397..139628], rps12 [140165..140190], clpP [complement(70539..70766)], clpP [complement(71397..71688)], clpP [complement(72412..72482)], petB [75384..75389], petB [76122..76763], petD [76952..76959], petD [77670..78150], rpl16 [complement(81587..81985)], rpl16 [complement(82904..82912)], ndhB [complement(94818..95573)], ndhB [complement(96253..97029)], trnI-GAU [102305..102341], trnI-GAU [103288..103322], trnA-UGC [103387..103424], trnA-UGC [104237..104271], ndhA [complement(119214..119752)], ndhA [complement(120857..121409)], trnA-UGC [complement(133744..133778)], trnA-UGC [complement(134591..134628)], trnI-GAU [complement(134693..134727)],	trnK-UUU [complement(1724..4220)], rps16 [complement(5373..6229)], trnG-UCC [9403..10083], atpF [complement(12497..13214)], rpoC1 [complement(22778..23569)], ycf3 [complement(42688..43401)], ycf3 [complement(43631..44350)], trnL-UAA [47371..47871], trnV-UAC [complement(51863..52428)], clpP [complement(70767..71396)], clpP [complement(71689..72411)], petB [75390..76121], petD [76960..77669], rpl16 [complement(81986..82903)], ndhB [complement(95574..96252)], trnI-GAU [102342..103287], trnA-UGC [103425..104236], ndhA [complement(119753..120856)], trnA-UGC [complement(133779..134590)], trnI-GAU [complement(134728..135673)], ndhB [141763..142441], rpl2 [152376..153042]

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnI-GAU [complement(135674..135710)], ndhB [140986..141762], ndhB [142442..143197], rpl2 [151985..152375], rpl2 [153043..153476]	
3747.	WOA U	36	trnK-UUU [complement(1658..1699)], trnK-UUU [complement(4240..4276)], trnG-UCC [10368..10391], trnG-UCC [11008..11055], trnL-UAA [52193..52229], trnL-UAA [52753..52802], trnV-UAC [complement(57024..57060)], trnV-UAC [complement(57674..57711)], trnI-GAU [110159..110200], trnI-GAU [111006..111040], trnA-UGC [111105..111142], trnA-UGC [111940..111974], trnA-UGC [complement(148185..148219)], trnA-UGC [complement(149017..149054)], trnI-GAU [complement(149119..149153)], trnI-GAU [complement(149959..150000)]	trnK-UUU [complement(1700..4239)], rps16 [complement(4871..5928)], trnG-UCC [10392..11007], atpF [complement(13542..14368)], rpoC1 [complement(23936..24649)], ycf3 [complement(46295..47103)], ycf3 [complement(47332..48081)], trnL-UAA [52230..52752], trnV-UAC [complement(57061..57673)], clpP [complement(76893..77553)], clpP [complement(77845..78636)], petB [82294..82345], rpl2 [complement(91940..92602)], ndhB [complement(102989..103691)], trnI-GAU [110201..111005], trnA-UGC [111143..111939], ndhA [complement(134064..135008)], trnA-UGC [complement(148220..149016)], trnI-GAU [complement(149154..149958)], ndhB [156468..157170]
3748.	WOF R	67	rps12 [complement(102356..102382)], rps12 [complement(102929..103159)], rps12 [complement(75074..75187)], trnK [complement(1751..1785)], trnK [complement(4272..4313)], rps16 [complement(5147..5370)], rps16 [complement(6243..6282)], trnG [9816..9838], trnG [10582..10630], atpF [complement(12829..13238)], atpF [complement(13982..14126)], rpoC1 [complement(22127..23734)], rpoC1 [complement(24480..24911)], ycf3 [complement(45314..45466)], ycf3 [complement(46245..46474)], ycf3 [complement(47240..47363)], trnL [50831..50867], trnL [51395..51444], trnV [complement(55620..55656)], trnV [complement(56244..56281)], rps12 [complement(75074..75187)], rps12 [145791..146021], rps12	trnK [complement(1786..4271)], rps16 [complement(5371..6242)], trnG [9839..10581], atpF [complement(13239..13981)], rpoC1 [complement(23735..24479)], ycf3 [complement(45467..46244)], ycf3 [complement(46475..47239)], trnL [50868..51394], trnV [complement(55657..56243)], clpP [complement(75580..76177)], clpP

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[146568..146594], clpP [complement(75351..75579)], clpP [complement(76178..76450)], clpP [complement(77263..77333)], petB [80143..80148], petB [80925..81566], petD [81761..81768], petD [82537..83011], rpl16 [complement(86554..86952)], rpl16 [complement(87941..87949)], ndhB [complement(99294..100049)], ndhB [complement(100733..101509)], trnI [107126..107167], trnI [108111..108145], trnA [108210..108247], trnA [109050..109084], ndhA [complement(125205..125744)], ndhA [complement(126828..127379)], trnA [complement(139866..139900)], trnA [complement(140703..140740)], trnI [complement(140805..140839)], trnI [complement(141783..141824)], ndhB [147441..148217], ndhB [148901..149656]	[complement(76451..77262)], petB [80149..80924], petD [81769..82536], rpl16 [complement(86953..87940)], ndhB [complement(100050..100732)], trnI [107168..108110], trnA [108248..109049], ndhA [complement(125745..126827)], trnA [complement(139901..140702)], trnI [complement(140840..141782)], ndhB [148218..148900]
3749.	WOLI	36	trnK-UUU [complement(1590..1631)], trnK-UUU [complement(4184..4220)], trnG-UCC [10432..10455], trnG-UCC [11187..11234], trnL-UAA [52820..52856], trnL-UAA [53408..53457], trnV-UAC [complement(57842..57885)], trnV-UAC [complement(58493..58530)], trnI-GAU [110541..110582], trnI-GAU [111391..111425], trnA-UGC [111490..111527], trnA-UGC [112329..112363], trnA-UGC [complement(148990..149024)], trnA-UGC [complement(149826..149863)], trnI-GAU [complement(149928..149962)], trnI-GAU [complement(150771..150812)]	trnK-UUU [complement(1632..4183)], rps16 [complement(4811..5950)], trnG-UCC [10456..11186], atpF [complement(13674..14498)], rpoC1 [complement(24099..24815)], ycf3 [complement(47119..47896)], ycf3 [complement(48125..48871)], trnL-UAA [52857..53407], trnV-UAC [complement(57886..58492)], clpP [complement(77354..78019)], clpP [complement(78312..79129)], petB [82846..82898], rpl2 [complement(92546..93206)], ndhB [complement(103367..104069)], trnI-GAU [110583..111390], trnA-UGC [111528..112328], ndhA [complement(134977..135917)], trnA-UGC [complement(149025..149825)], trnI-GAU [complement(149963..150770)], ndhB [157284..157986]
3750.	WON	48	atpF [3149..3293], atpF [4018..4442], trnG [complement(6513..6560)], trnG	atpF [3294..4017], trnG

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	O		[complement(7327..7349)], trnK [13685..13721], trnK [16174..16202], ndhB [complement(30684..31475)], ndhB [complement(32156..32878)], rps12 [complement(34410..34438)], trnI [40148..40184], trnI [41136..41170], trnA [41241..41278], trnA [42056..42090], ndhA [complement(58908..59458)], ndhA [complement(60217..60775)], rpl2 [73078..73477], rpl2 [74214..74608], rpl16 [76216..76224], rpl16 [77148..77564], petD [complement(81078..81560)], petD [complement(82210..82215)], petB [complement(82440..83096)], petB [complement(83841..83846)], trnV [107738..107775], trnV [108318..108354], trnL [complement(113548..113597)], trnL [complement(114098..114132)], ycf3 [116787..116910], ycf3 [117631..117863], ycf3 [118538..118723], rpoC1 [138624..139055], rpoC1 [139886..141745]	[complement(6561..7326)], trnK [13722..16173], ndhB [complement(31476..32155)], trnI [40185..41135], trnA [41279..42055], ndhA [complement(59459..60216)], rpl2 [73478..74213], rpl16 [76225..77147], petD [complement(81561..82209)], petB [complement(83097..83840)], trnV [107776..108317], trnL [complement(113598..114097)], ycf3 [116911..117630], ycf3 [117864..118537], rpoC1 [139056..139885]
3751.	WUC O	46	rps12 [complement(102871..102897)], rps12 [complement(103449..103679)], rps12 [complement(73976..74089)], rps16 [complement(4993..5208)], rps16 [complement(5935..5976)], atpF [complement(12454..12863)], atpF [complement(13672..13819)], rpoC1 [complement(22010..23646)], rpoC1 [complement(24366..24798)], ycf3 [complement(45366..45518)], ycf3 [complement(46296..46525)], ycf3 [complement(47238..47364)], rps12 [complement(73976..74089)], rps12 [148410..148640], rps12 [149192..149218], clpP [complement(74252..74504)], clpP [complement(75136..75431)], clpP [complement(76275..76343)], petB [79342..79347], petB [80185..80832], rpl16 [complement(85763..86164)], rpl16 [complement(87217..87225)], rpl2 [complement(89233..89663)], rpl2 [complement(90323..90710)], ndhB [complement(99816..100571)], ndhB [complement(101272..102048)], ndhA [complement(128025..128563)], ndhA [complement(129597..130152)], ndhB [150041..150817], ndhB [151518..152273], rpl2 [161379..161763], rpl2 [162426..162856]	rps16 [complement(5209..5934)], atpF [complement(12864..13671)], rpoC1 [complement(23647..24365)], ycf3 [complement(45519..46295)], ycf3 [complement(46526..47237)], clpP [complement(74505..75135)], clpP [complement(75432..76274)], petB [79348..80184], rpl16 [complement(86165..87216)], rpl2 [complement(89664..90322)], ndhB [complement(100572..101271)], ndhA [complement(128564..129596)], ndhB [150818..151517], rpl2 [161764..162425]
3752.	WUL O	2	rps12 [complement(74181..74294)], rps12 [149562..149588]	-
3753.	WUVI	2	rps12 [complement(74180..74293)], rps12 [149562..149588]	-
3754.	XAPR	41	rps12 [complement(71798..71911)], trnK-UUU [complement(1302..1336)], trnK-UUU [complement(3934..3970)], trnG-UCC [9672..9694], trnG-UCC	trnK-UUU [complement(1337..3933)], rps16 [complement(4823..5679)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[10391..10438], trnL-UAA [48361..48395], trnL-UAA [48908..48957], trnV-UAC [complement(53412..53448)], trnV-UAC [complement(54047..54085)], rps12 [143683..143708], trnI-GAU [105175..105211], trnI-GAU [106152..106186], trnA-UGC [106251..106288], trnA-UGC [107095..107129], trnA-UGC [complement(136988..137022)], trnA-UGC [complement(137829..137866)], trnI-GAU [complement(137931..137965)], trnI-GAU [complement(138906..138942)]	[9695..10390], atpF [complement(12723..13625)], rpoC1 [complement(22833..23576)], ycf3 [complement(43665..44407)], ycf3 [complement(44636..45361)], trnL-UAA [48396..48907], trnV-UAC [complement(53449..54046)], clpP [complement(72293..72960)], clpP [complement(73253..74036)], petB [77019..77809], petD [78686..79430], rpl16 [complement(83855..84811)], rpl2 [complement(87108..87770)], ndhB [complement(98084..98782)], trnI-GAU [105212..106151], trnA-UGC [106289..107094], ndhA [complement(123096..124190)], trnA-UGC [complement(137023..137828)], trnI-GAU [complement(137966..138905)], ndhB [145335..146033], rpl2 [156347..157009]
3755.	XASI	28	rps12 [complement(69412..69525)], rps12 [138678..138703], petD [76958..77432], rpl16 [complement(80897..81295)], rpl16 [complement(82321..82329)]	trnK [complement(1801..4351)], rps16 [complement(5478..6340)], rpoC1 [16792..17502], atpF [27278..27984], trnG-UCC [30412..31143], ycf3 [complement(42513..43275)], ycf3 [complement(43504..44205)], trnL-UAA [47264..47699], trnV-UAC [complement(51314..51707)], clpP [complement(69909..70544)], clpP [complement(70837..71579)], petB [74604..75377], petD [76230..76957], rpl16 [complement(81296..82320)], rpl2 [complement(84448..85108)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(94773..95442)], trnI-GAU [101837..102622], trnA-UGC [102760..103564], ndhA [115910..116941], trnA-UGC [complement(132169..132973)], trnI-GAU [complement(133111..133891)], ndhB [140291..140960], rpl2 [150625..151285]
3756.	XASO	64	rps12 [complement(101309..101551)], rps12 [complement(72118..72243)], trnK-UUU [complement(1493..1530)], trnK-UUU [complement(3993..4029)], rps16 [complement(4791..5016)], rps16 [complement(5840..5880)], trnG-GCC [8346..8368], trnG-GCC [9094..9142], atpF [complement(11292..11730)], atpF [complement(12447..12613)], rpoC1 [complement(20651..22270)], rpoC1 [complement(22959..23393)], ycf3 [complement(44150..44302)], ycf3 [complement(45059..45286)], ycf3 [complement(46014..46142)], trnL-UAA [49471..49507], trnL-UAA [50049..50099], trnV-UAC [complement(53915..53951)], trnV-UAC [complement(54543..54581)], rps12 [144980..145222], clpP [complement(72395..72593)], clpP [complement(73261..73551)], clpP [complement(74462..74529)], petB [77507..77513], petB [78306..78946], rpl2 [complement(87000..87428)], rpl2 [complement(88096..88488)], ndhB [complement(97700..98456)], ndhB [complement(99138..99913)], trnI-GAU [105492..105533], trnI-GAU [106490..106524], trnA-UGC [106589..106626], trnA-UGC [107467..107501], ndhA [complement(124378..124917)], ndhA [complement(126024..126596)], trnA-UGC [complement(139030..139064)], trnA-UGC [complement(139905..139942)], trnI-GAU [complement(140007..140041)], trnI-GAU [complement(140998..141039)], ndhB [146618..147394], ndhB [148076..148831], rpl2 [158043..158435], rpl2 [159097..159531]	trnK-UUU [complement(1531..3992)], rps16 [complement(5017..5839)], trnG-GCC [8369..9093], atpF [complement(11731..12446)], rpoC1 [complement(22271..22958)], ycf3 [complement(44303..45058)], ycf3 [complement(45287..46013)], trnL-UAA [49508..50048], trnV-UAC [complement(53952..54542)], clpP [complement(72594..73260)], clpP [complement(73552..74461)], petB [77514..78305], rpl2 [complement(87429..88095)], ndhB [complement(98457..99137)], trnI-GAU [105534..106489], trnA-UGC [106627..107466], ndhA [complement(124918..126023)], trnA-UGC [complement(139065..139904)], trnI-GAU [complement(140042..140997)], ndhB [147395..148075], rpl2 [158436..159096]
3757.	XETE	72	rps12 [complement(98716..98741)], rps12 [complement(99283..99514)], rps12 [complement(70210..70323)], trnK-UUU [complement(1366..1400)], trnK-UUU [complement(3991..4027)], rps16 [complement(4748..4957)], rps16 [complement(5709..5750)], trnG-UCC [8898..8921], trnG-UCC [9604..9651], atpF [complement(11604..12014)], atpF [complement(12789..12932)], rpoC1	trnK-UUU [complement(1401..3990)], rps16 [complement(4958..5708)], trnG-UCC [8922..9603], atpF [complement(12015..12788)], rpoC1 [complement(22301..23019)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(20675..22300)], rpoC1 [complement(23020..23454)], ycf3 [complement(42573..42731)], ycf3 [complement(43478..43705)], ycf3 [complement(44444..44569)], trnL-UAA [47316..47350], trnL-UAA [47865..47914], trnV-UAC [complement(52253..52289)], trnV-UAC [complement(52883..52921)], rps12 [141143..141374], rps12 [141916..141941], clpP [complement(70454..70705)], clpP [complement(71365..71655)], clpP [complement(72408..72476)], petB [75378..75383], petB [76207..76854], petD [77029..77034], petD [77772..78254], rpl16 [complement(81708..82109)], rpl16 [complement(83092..83100)], rpl2 [complement(85030..85461)], rpl2 [complement(86126..86515)], ndhB [complement(95639..96394)], ndhB [complement(97090..97866)], trnI-GAU [103516..103552], trnI-GAU [104493..104527], trnA-UGC [104587..104624], trnA-UGC [105426..105460], ndhA [complement(120759..121289)], ndhA [complement(122367..122918)], trnA-UGC [complement(135197..135231)], trnA-UGC [complement(136033..136070)], trnI-GAU [complement(136130..136164)], trnI-GAU [complement(137105..137141)], ndhB [142791..143567], ndhB [144263..145018], rpl2 [154142..154534], rpl2 [155196..155627]</p>	<p>[complement(42732..43477)], ycf3 [complement(43706..44443)], trnL-UAA [47351..47864], trnV-UAC [complement(52290..52882)], clpP [complement(70706..71364)], clpP [complement(71656..72407)], petB [75384..76206], petD [77035..77771], rpl16 [complement(82110..83091)], rpl2 [complement(85462..86125)], ndhB [complement(96395..97089)], trnI-GAU [103553..104492], trnA-UGC [104625..105425], ndhA [complement(121290..122366)], trnA-UGC [complement(135232..136032)], trnI-GAU [complement(136165..137104)], ndhB [143568..144262], rpl2 [154535..155195]</p>
3758.	XEVI	31	<p>rps12 [complement(97804..97829)], rps12 [complement(98371..98599)], rps12 [complement(69250..69363)], trnK-UUU [complement(1398..1432)], trnV-UAC [complement(50843..50879)], rps12 [140713..140941], rps12 [141483..141508], clpP [complement(69496..69747)]</p>	<p>trnK-UUU [complement(1433..4001)], rps16 [complement(4975..5459)], trnG-UCC [8615..9385], atpF [complement(11760..12541)], rpoC1 [complement(21963..22681)], ycf3 [complement(41826..42557)], ycf3 [complement(42784..43487)], trnL-UAA [46630..47125], trnV-UAC [complement(50880..51480)], clpP [complement(69748..70417)], clpP [complement(70709..71523)], petB [74482..75280], petD [76125..76860], rpl16 [complement(81237..82184)], rpl2 [complement(84486..85147)], ndhB</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(95477..96178)], trnI-GAU [102630..103565], trnA-UGC [103702..104502], ndhA [complement(120702..121784)], trnA-UGC [complement(134810..135610)], trnI-GAU [complement(135747..136682)], ndhB [143134..143835], rpl2 [154165..154826]
3759.	XYGR	67	rps12 [complement(101671..101696)], rps12 [complement(102233..102464)], rps12 [complement(73053..73166)], trnK-UUU [complement(1863..1897)], trnK-UUU [complement(4422..4458)], rps16 [complement(5322..5548)], rps16 [complement(6430..6469)], atpF [complement(12647..13056)], atpF [complement(13821..13965)], rpoC1 [complement(22162..23778)], rpoC1 [complement(24539..24991)], ycf3 [complement(44788..44940)], ycf3 [complement(45717..45944)], ycf3 [complement(46672..46800)], trnL-UAA [50094..50130], trnL-UAA [50661..50710], trnV-UAC [complement(54193..54229)], trnV-UAC [complement(54822..54860)], rps12 [complement(73041..73166)], rps12 [144292..144523], rps12 [145060..145085], clpP [complement(73318..73545)], clpP [complement(74205..74495)], clpP [complement(75350..75418)], petB [78315..78320], petB [79132..79773], petD [79983..79990], petD [80715..81192], rpl16 [complement(84699..85100)], rpl16 [complement(86023..86031)], rpl2 [complement(87960..88394)], rpl2 [complement(89076..89468)], ndhB [complement(98614..99369)], ndhB [complement(100051..100827)], trnI-GAU [106365..106406], trnI-GAU [107361..107395], trnA-UGC [107466..107503], trnA-UGC [108344..108378], trnA-UGC [complement(138378..138412)], trnA-UGC [complement(139253..139290)], trnI-GAU [complement(139361..139395)], trnI-GAU [complement(140350..140391)], ndhB [145929..146705], ndhB [147387..148142], rpl2 [157288..157680], rpl2 [158362..158796]	trnK-UUU [complement(1898..4421)], rps16 [complement(5549..6429)], atpF [complement(13057..13820)], rpoC1 [complement(23779..24538)], ycf3 [complement(44941..45716)], ycf3 [complement(45945..46671)], trnL-UAA [50131..50660], trnV-UAC [complement(54230..54821)], clpP [complement(73546..74204)], clpP [complement(74496..75349)], petB [78321..79131], petD [79991..80714], rpl16 [complement(85101..86022)], rpl2 [complement(88395..89075)], ndhB [complement(99370..100050)], trnI-GAU [106407..107360], trnA-UGC [107504..108343], trnA-UGC [complement(138413..139252)], trnI-GAU [complement(139396..140349)], ndhB [146706..147386], rpl2 [157681..158361]
3760.	XYM O	73	rps12 [complement(101647..101672)], rps12 [complement(102209..102440)], rps12 [complement(73141..73254)], trnK-UUU [complement(1867..1901)], trnK-UUU [complement(4433..4469)], rps16 [complement(5342..5568)], rps16	trnK-UUU [complement(1902..4432)], rps16 [complement(5569..6444)], trnG-UCC [10025..10752], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(6445..6484)], trnG-UCC [10002..10024], trnG-UCC [10753..10801], atpF [complement(12651..13060)], atpF [complement(13820..13964)], rpoC1 [complement(22161..23780)], rpoC1 [complement(24541..24993)], ycf3 [complement(44765..44917)], ycf3 [complement(45720..45947)], ycf3 [complement(46675..46803)], trnL-UAA [50101..50137], trnL-UAA [50666..50715], trnV-UAC [complement(54195..54231)], trnV-UAC [complement(54824..54862)], rps12 [complement(73141..73254)], rps12 [144201..144432], rps12 [144969..144994], clpP [complement(73406..73633)], clpP [complement(74293..74584)], clpP [complement(75436..75506)], petB [78400..78405], petB [79222..79863], petD [80073..80080], petD [80799..81276], rpl16 [complement(84778..85179)], rpl16 [complement(86101..86109)], rpl2 [complement(87936..88370)], rpl2 [complement(89052..89444)], ndhB [complement(98590..99345)], ndhB [complement(100027..100803)], trnI-GAU [106333..106374], trnI-GAU [107329..107363], trnA-UGC [107426..107463], trnA-UGC [108309..108343], ndhA [complement(123943..124482)], ndhA [complement(125584..126135)], trnA-UGC [complement(138298..138332)], trnA-UGC [complement(139178..139215)], trnI-GAU [complement(139278..139312)], trnI-GAU [complement(140267..140308)], ndhB [145838..146614], ndhB [147296..148051], rpl2 [157197..157589], rpl2 [158271..158705]	[complement(13061..13819)], rpoC1 [complement(23781..24540)], ycf3 [complement(44918..45719)], ycf3 [complement(45948..46674)], trnL-UAA [50138..50665], trnV-UAC [complement(54232..54823)], clpP [complement(73634..74292)], clpP [complement(74585..75435)], petB [78406..79221], petD [80081..80798], rpl16 [complement(85180..86100)], rpl2 [complement(88371..89051)], ndhB [complement(99346..100026)], trnI-GAU [106375..107328], trnA-UGC [107464..108308], ndhA [complement(124483..125583)], trnA-UGC [complement(138333..139177)], trnI-GAU [complement(139313..140266)], ndhB [146615..147295], rpl2 [157590..158270]
3761.	XYRU	73	rps12 [complement(101707..101732)], rps12 [complement(102269..102500)], rps12 [complement(73194..73319)], trnK-UUU [complement(1863..1897)], trnK-UUU [complement(4430..4466)], rps16 [complement(5330..5556)], rps16 [complement(6432..6471)], trnG-UCC [9990..10012], trnG-UCC [10740..10788], atpF [complement(12638..13047)], atpF [complement(13807..13951)], rpoC1 [complement(22147..23757)], rpoC1 [complement(24527..24958)], ycf3 [complement(44764..44916)], ycf3 [complement(45722..45949)], ycf3 [complement(46677..46805)], trnL-UAA [50106..50142], trnL-UAA [50673..50722], trnV-UAC [complement(54202..54238)], trnV-UAC [complement(54831..54869)], rps12 [complement(73194..73319)], rps12 [144164..144395], rps12	trnK-UUU [complement(1898..4429)], rps16 [complement(5557..6431)], trnG-UCC [10013..10739], atpF [complement(13048..13806)], rpoC1 [complement(23758..24526)], ycf3 [complement(44917..45721)], ycf3 [complement(45950..46676)], trnL-UAA [50143..50672], trnV-UAC [complement(54239..54830)], clpP [complement(73699..74357)], clpP [complement(74650..75500)], petB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[144932..144957], clpP [complement(73471..73698)], clpP [complement(74358..74649)], clpP [complement(75501..75571)], petB [78462..78467], petB [79283..79924], petD [80134..80141], petD [80860..81337], rpl16 [complement(84838..85239)], rpl16 [complement(86161..86169)], rpl2 [complement(87996..88430)], rpl2 [complement(89112..89504)], ndhB [complement(98650..99405)], ndhB [complement(100087..100863)], trnI-GAU [106393..106434], trnI-GAU [107389..107423], trnA-UGC [107486..107523], trnA-UGC [108369..108403], ndhA [complement(123951..124490)], ndhA [complement(125592..126143)], trnA-UGC [complement(138261..138295)], trnA-UGC [complement(139141..139178)], trnI [complement(139241..139275)], trnI [complement(140230..140271)], ndhB [145801..146577], ndhB [147259..148014], rpl2 [157160..157552], rpl2 [158234..158668]	[78468..79282], petD [80142..80859], rpl16 [complement(85240..86160)], rpl2 [complement(88431..89111)], ndhB [complement(99406..100086)], trnI-GAU [106435..107388], trnA-UGC [107524..108368], ndhA [complement(124491..125591)], trnA-UGC [complement(138296..139140)], trnI [complement(139276..140229)], ndhB [146578..147258], rpl2 [157553..158233]
3762.	YODE	70	rps12 [complement(97735..97977)], rps12 [complement(69421..69534)], trnK-UUU [complement(1766..1800)], trnK-UUU [complement(4354..4390)], rps16 [complement(5208..5434)], rps16 [complement(6290..6329)], rpoC1 [15829..16260], rpoC1 [16992..18632], atpF [26530..26673], atpF [27383..27793], trnG-UCC [complement(29802..29848)], trnG-UCC [complement(30576..30598)], ycf3 [complement(41737..41889)], ycf3 [complement(42631..42860)], ycf3 [complement(43544..43667)], trnL-UAA [46646..46680], trnL-UAA [47115..47164], trnV-UAC [complement(51076..51110)], trnV-UAC [complement(51686..51723)], rps12 [138735..138977], clpP [complement(69698..69925)], clpP [complement(70545..70836)], clpP [complement(71657..71727)], petB [74692..74697], petB [75468..76109], petD [76310..76317], petD [77028..77502], rpl16 [complement(80989..81399)], rpl16 [complement(82434..82442)], rpl2 [complement(84113..84546)], rpl2 [complement(85212..85602)], ndhB [complement(94173..94928)], ndhB [complement(95598..96374)], trnI-GAU [101917..101954], trnI-GAU [102908..102942], trnA-UGC [103007..103044], trnA-UGC [103865..103899], ndhA [complement(118968..119506)], ndhA [complement(120560..121112)], trnA-UGC [complement(132813..132847)], trnA-UGC	trnK-UUU [complement(1801..4353)], rps16 [complement(5435..6289)], rpoC1 [16261..16991], atpF [26674..27382], trnG-UCC [complement(29849..30575)], ycf3 [complement(41890..42630)], ycf3 [complement(42861..43543)], trnL-UAA [46681..47114], trnV-UAC [complement(51111..51685)], clpP [complement(69926..70544)], clpP [complement(70837..71656)], petB [74698..75467], petD [76318..77027], rpl16 [complement(81400..82433)], rpl2 [complement(84547..85211)], ndhB [complement(94929..95597)], trnI-GAU [101955..102907], trnA-UGC [103045..103864], ndhA [complement(119507..120559)], trnA-UGC [complement(132848..133667)], trnI-GAU [complement(133805..134757)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(133668..133705)], trnI-GAU [complement(133770..133804)], trnI-GAU [complement(134758..134795)], ndhB [140338..141114], ndhB [141784..142539], rpl2 [151110..151499], rpl2 [152165..152599]	[141115..141783], rpl2 [151500..152164]
3763.	YPTH	72	rps12 [complement(98931..98956)], rps12 [complement(99498..99729)], rps12 [complement(70198..70311)], trnK-UUU [complement(1379..1413)], trnK-UUU [complement(4066..4102)], rps16 [complement(4851..5066)], rps16 [complement(5847..5888)], trnG-UCC [8991..9014], trnG-UCC [9693..9740], atpF [complement(11688..12098)], atpF [complement(12922..13065)], rpoC1 [complement(20388..22013)], rpoC1 [complement(22748..23182)], ycf3 [complement(41590..41748)], ycf3 [complement(42500..42727)], ycf3 [complement(43472..43597)], trnL-UAA [46538..46572], trnL-UAA [47109..47158], trnV-UAC [complement(51463..51499)], trnV-UAC [complement(52101..52139)], rps12 [141957..142188], rps12 [142730..142755], clpP [complement(70454..70705)], clpP [complement(71427..71717)], clpP [complement(72502..72570)], petB [75496..75501], petB [76299..76940], petD [77143..77148], petD [77908..78384], rpl16 [complement(81866..82267)], rpl16 [complement(83326..83334)], rpl2 [complement(85235..85666)], rpl2 [complement(86331..86720)], ndhB [complement(95860..96615)], ndhB [complement(97306..98082)], trnI-GAU [103734..103775], trnI-GAU [104711..104745], trnA-UGC [104810..104847], trnA-UGC [105652..105686], ndhA [complement(121315..121845)], ndhA [complement(122963..123514)], trnA-UGC [complement(136000..136034)], trnA-UGC [complement(136839..136876)], trnI-GAU [complement(136941..136975)], trnI-GAU [complement(137911..137952)], ndhB [143604..144380], ndhB [145071..145826], rpl2 [154966..155358], rpl2 [156020..156451]	trnK-UUU [complement(1414..4065)], rps16 [complement(5067..5846)], trnG-UCC [9015..9692], atpF [complement(12099..12921)], rpoC1 [complement(22014..22747)], ycf3 [complement(41749..42499)], ycf3 [complement(42728..43471)], trnL-UAA [46573..47108], trnV-UAC [complement(51500..52100)], clpP [complement(70706..71426)], clpP [complement(71718..72501)], petB [75502..76298], petD [77149..77907], rpl16 [complement(82268..83325)], rpl2 [complement(85667..86330)], ndhB [complement(96616..97305)], trnI-GAU [103776..104710], trnA-UGC [104848..105651], ndhA [complement(121846..122962)], trnA-UGC [complement(136035..136838)], trnI-GAU [complement(136976..137910)], ndhB [144381..145070], rpl2 [155359..156019]
3764.	YPYU	73	rps12 [complement(100104..100129)], rps12 [complement(100671..100902)], rps12 [complement(71303..71416)], trnK-UUU [complement(1369..1403)], trnK-UUU [complement(4069..4105)], rps16 [complement(4854..5069)], rps16 [complement(5837..5878)], trnG-UCC [9021..9044], trnG-UCC [9725..9772], atpF [complement(11719..12129)], atpF [complement(12957..13100)], rpoC1 [complement(20652..22277)], rpoC1 [complement(23000..23434)], ycf3	trnK-UUU [complement(1404..4068)], rps16 [complement(5070..5836)], trnG-UCC [9045..9724], atpF [complement(12130..12956)], rpoC1 [complement(22278..22999)], ycf3 [complement(42721..43471)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(42562..42720)], ycf3 [complement(43472..43699)], ycf3 [complement(44444..44569)], trnL-UAA [47521..47555], trnL-UAA [48103..48152], trnV-UAC [complement(52466..52502)], trnV-UAC [complement(53104..53142)], rps12 [complement(71303..71416)], rps12 [143206..143437], rps12 [143979..144004], clpP [complement(71569..71814)], clpP [complement(72549..72839)], clpP [complement(73634..73702)], petB [76627..76632], petB [77436..78077], petD [78282..78287], petD [79045..79521], rpl16 [complement(83009..83410)], rpl16 [complement(84473..84481)], rpl2 [complement(86408..86839)], rpl2 [complement(87504..87893)], ndhB [complement(97033..97788)], ndhB [complement(98479..99255)], trnI-GAU [104909..104950], trnI-GAU [105886..105920], trnA-UGC [105985..106022], trnA-UGC [106827..106861], ndhA [complement(122527..123057)], ndhA [complement(124176..124727)], trnA-UGC [complement(137247..137281)], trnA-UGC [complement(138086..138123)], trnI-GAU [complement(138188..138222)], trnI-GAU [complement(139158..139199)], ndhB [144853..145629], ndhB [146320..147075], rpl2 [156215..156607], rpl2 [157269..157700]	[complement(43700..44443)], trnL-UAA [47556..48102], trnV-UAC [complement(52503..53103)], clpP [complement(71815..72548)], clpP [complement(72840..73633)], petB [76633..77435], petD [78288..79044], rpl16 [complement(83411..84472)], rpl2 [complement(86840..87503)], ndhB [complement(97789..98478)], trnI-GAU [104951..105885], trnA-UGC [106023..106826], ndhA [complement(123058..124175)], trnA-UGC [complement(137282..138085)], trnI-GAU [complement(138223..139157)], ndhB [145630..146319], rpl2 [156608..157268]
3765.	YUBE	3	rps12 [complement(91991..92026)], rps12 [complement(92565..92795)], rps12 [complement(69920..70033)]	-
3766.	YUBR	27	rps12 [complement(72064..72177)], trnK-UUU [complement(1393..1432)], trnK-UUU [complement(4011..4047)], rps12 [143658..143683]	trnK-UUU [complement(1433..4010)], rps16 [complement(4951..5831)], trnG-GCC [9782..10491], atpF [complement(12863..13665)], rpoC1 [complement(22888..23626)], ycf3 [complement(43701..44441)], ycf3 [complement(44672..45405)], trnL-UAA [48387..48885], trnV-UAC [complement(53481..54074)], clpP [complement(72560..73211)], clpP [complement(73503..74311)], petB [77278..78083], petD [78952..79686], rpl16 [complement(84030..85033)], rpl2

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(87301..87964)], ndhB [complement(98314..99012)], trnI-GAU [105270..106206], trnA-UGC [106344..107158], ndhA [complement(123235..124336)], trnA-UGC [complement(137156..137970)], trnI-GAU [complement(138108..139044)], ndhB [145302..146000], rpl2 [156350..157013]
3767.	YUCO	3	rps12 [complement(92023..92058)], rps12 [complement(92597..92827)], rps12 [complement(69951..70064)]	-
3768.	YUFI	27	rps12 [complement(71904..72017)], trnK-UUU [complement(1393..1432)], trnK-UUU [complement(4011..4047)], rps12 [143459..143484]	trnK-UUU [complement(1433..4010)], rps16 [complement(4949..5828)], trnG-GCC [9802..10513], atpF [complement(12881..13682)], rpoC1 [complement(22885..23638)], ycf3 [complement(43703..44443)], ycf3 [complement(44674..45407)], trnL-UAA [48385..48884], trnV-UAC [complement(53408..54001)], clpP [complement(72400..73050)], clpP [complement(73342..74146)], petB [77119..77921], petD [78791..79525], rpl16 [complement(83866..84861)], rpl2 [complement(87131..87794)], ndhB [complement(98120..98818)], trnI-GAU [105076..106013], trnA-UGC [106151..106965], ndhA [complement(123037..124136)], trnA-UGC [complement(136956..137770)], trnI-GAU [complement(137908..138845)], ndhB [145103..145801], rpl2 [156127..156790]
3769.	YUGL	3	rps12 [complement(92042..92077)], rps12 [complement(92616..92846)],	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rps12 [complement(69969..70082)]	
3770.	YULE	62	rps12 [complement(92023..92058)], rps12 [complement(92597..92827)], rps12 [complement(69950..70063)], trnK-UUU [complement(1377..1409)], trnK-UUU [complement(3927..3964)], rps16 [complement(4521..4736)], rps16 [complement(5566..5607)], trnG-UCC [complement(13602..13653)], trnG-UCC [complement(14319..14341)], atpF [35245..35403], atpF [36229..36636], ycf3 [complement(44402..44560)], ycf3 [complement(45293..45520)], ycf3 [complement(46266..46397)], trnL-UAA [49166..49200], trnL-UAA [49741..49790], trnV-UAC [complement(53224..53260)], trnV-UAC [complement(53857..53895)], petB [73791..73796], petB [74616..75257], petD [75446..75454], petD [76209..76682], rpl16 [complement(80280..80681)], rpl16 [complement(81779..81787)], rpl2 [complement(83782..84213)], rpl2 [complement(84874..85266)], ndhB [complement(88954..89709)], ndhB [complement(90422..91198)], trnI-GAU [96668..96709], trnI-GAU [97656..97690], trnA-UGC [97756..97793], trnA-UGC [98605..98639], ndhA [complement(114715..115254)], ndhA [complement(116276..116824)], trnA-UGC [complement(124191..124225)], trnA-UGC [complement(125037..125074)], trnI-GAU [complement(125140..125174)], trnI-GAU [complement(126121..126162)], ndhB [131632..132408], ndhB [133121..133876], rpl2 [137564..137956], rpl2 [138617..139048]	trnK-UUU [complement(1410..3926)], rps16 [complement(4737..5565)], trnG-UCC [complement(13654..14318)], atpF [35404..36228], ycf3 [complement(44561..45292)], ycf3 [complement(45521..46265)], trnL-UAA [49201..49740], trnV-UAC [complement(53261..53856)], petB [73797..74615], petD [75455..76208], rpl16 [complement(80682..81778)], rpl2 [complement(84214..84873)], ndhB [complement(89710..90421)], trnI-GAU [96710..97655], trnA-UGC [97794..98604], ndhA [complement(115255..116275)], trnA-UGC [complement(124226..125036)], trnI-GAU [complement(125175..126120)], ndhB [132409..133120], rpl2 [137957..138616]
3771.	YUQU	27	rps12 [complement(71914..72027)], trnK-UUU [complement(1393..1432)], trnK-UUU [complement(4012..4048)], rps12 [143481..143506]	trnK-UUU [complement(1433..4011)], rps16 [complement(4953..5835)], trnG-GCC [9813..10521], atpF [complement(12889..13693)], rpoC1 [complement(22897..23654)], ycf3 [complement(43720..44460)], ycf3 [complement(44691..45424)], trnL-UAA [48402..48901], trnV-UAC [complement(53352..53945)], clpP [complement(72410..73060)], clpP [complement(73352..74158)], petB [77127..77936], petD [78807..79541], rpl16

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(83890..84875)], rpl2 [complement(87144..87807)], ndhB [complement(98138..98836)], trnI-GAU [105096..106032], trnA-UGC [106170..106984], ndhA [complement(123056..124158)], trnA-UGC [complement(136977..137791)], trnI-GAU [complement(137929..138865)], ndhB [145125..145823], rpl2 [156154..156817]
3772.	YUSC	27	rps12 [complement(71866..71979)], trnK-UUU [complement(1393..1432)], trnK-UUU [complement(4011..4047)], rps12 [141803..141828]	trnK-UUU [complement(1433..4010)], rps16 [complement(4949..5828)], trnG-GCC [9790..10497], atpF [complement(12865..13676)], rpoC1 [complement(22855..23609)], ycf3 [complement(43687..44427)], ycf3 [complement(44658..45391)], trnL-UAA [48369..48868], trnV-UAC [complement(53317..53910)], clpP [complement(72362..73017)], clpP [complement(73309..74115)], petB [77082..77887], petD [78756..79490], rpl16 [complement(83833..84835)], rpl2 [complement(87103..87766)], ndhB [complement(98121..98819)], trnI-GAU [105077..106014], trnA-UGC [106152..106966], ndhA [complement(121388..122483)], trnA-UGC [complement(135300..136114)], trnI-GAU [complement(136252..137189)], ndhB [143447..144145], rpl2 [154500..155163]
3773.	YUVI	4	rps12 [complement(92021..92056)], rps12 [complement(92595..92825)], rps12 [complement(69955..70068)], trnI-GAU [96650..96691]	-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
3774.	ZAAE	75	rps12 [complement(77176..77289)], trnK-UUU [complement(4027..4068)], trnK-UUU [complement(6475..6511)], rps16 [complement(7258..7454)], rps16 [complement(8454..8493)], trnG-UCC [12881..12907], trnG-UCC [13657..13704], atpF [complement(15673..16073)], atpF [complement(16888..17032)], rpoC1 [complement(25160..26779)], rpoC1 [complement(27518..27970)], ycf3 [complement(47543..47695)], ycf3 [complement(48528..48757)], ycf3 [complement(49502..49625)], trnL-UAA [53148..53184], trnL-UAA [53688..53737], trnV-UAC [complement(58001..58037)], trnV-UAC [complement(58628..58665)], rps12 [150453..150478], clpP [complement(77468..77713)], clpP [complement(78373..78664)], clpP [complement(79486..79556)], petB [83205..83210], petB [83264..83905], petD [84112..84119], petD [84849..85323], rpl16 [complement(88875..89273)], rpl16 [complement(90341..90349)], rpl2 [complement(92054..92484)], rpl2 [complement(93147..93537)], ndhB [complement(102946..103701)], ndhB [complement(104381..105157)], trnI-GAU [110804..110845], trnI-GAU [111788..111822], ycf68 [110945..110986], ycf68 [111018..111320], trnA-UGC [111887..111924], trnA-UGC [112724..112758], ndhA [complement(128182..128720)], ndhA [complement(129769..130327)], trnA-UGC [complement(143730..143764)], trnA-UGC [complement(144564..144601)], trnI-GAU [complement(144666..144700)], trnI-GAU [complement(145643..145684)], ycf68 [complement(145168..145470)], ycf68 [complement(145502..145543)], ndhB [151331..152107], ndhB [152787..153542], rpl2 [162951..163341], rpl2 [164004..164434]	trnK-UUU [complement(4069..6474)], rps16 [complement(7455..8453)], trnG-UCC [12908..13656], atpF [complement(16074..16887)], rpoC1 [complement(26780..27517)], ycf3 [complement(47696..48527)], ycf3 [complement(48758..49501)], trnL-UAA [53185..53687], trnV-UAC [complement(58038..58627)], clpP [complement(77714..78372)], clpP [complement(78665..79485)], petB [83211..83263], petD [84120..84848], rpl16 [complement(89274..90340)], rpl2 [complement(92485..93146)], ndhB [complement(103702..104380)], trnI-GAU [110846..111787], ycf68 [110987..111017], trnA-UGC [111925..112723], ndhA [complement(128721..129768)], trnA-UGC [complement(143765..144563)], trnI-GAU [complement(144701..145642)], ycf68 [complement(145471..145501)], ndhB [152108..152786], rpl2 [163342..164003]
3775.	ZABI	65	rps12 [complement(102693..102718)], rps12 [complement(103255..103486)], rps12 [complement(75168..75281)], trnK-UUU [complement(1958..1992)], trnK-UUU [complement(4541..4577)], rps16 [complement(5163..5392)], rps16 [complement(6227..6266)], trnG-GCC [10161..10181], trnG-GCC [10888..10934], atpF [complement(12897..13307)], atpF [complement(14021..14164)], rpoC1 [complement(22217..23833)], rpoC1 [complement(24603..25034)], ycf3 [complement(44939..45091)], ycf3	trnK-UUU [complement(1993..4540)], rps16 [complement(5393..6226)], trnG-GCC [10182..10887], atpF [complement(13308..14020)], rpoC1 [complement(23834..24602)], ycf3 [complement(45092..45851)], ycf3 [complement(46082..46839)], trnL-UAA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(45852..46081)], ycf3 [complement(46840..46957)], trnL-UAA [49594..49630], trnL-UAA [50138..50190], trnV-UAC [complement(54017..54053)], trnV-UAC [complement(54630..54668)], rps12 [complement(75168..75281)], rps12 [144282..144513], rps12 [145050..145075], petB [79026..79031], petB [79794..80435], petD [80629..80636], petD [81420..81894], rpl16 [complement(85527..85925)], rpl16 [complement(87024..87032)], rpl2 [complement(88791..89224)], rpl2 [complement(89897..90287)], ndhB [complement(99637..100392)], ndhB [complement(101072..101848)], trnI-GAU [107467..107503], trnI-GAU [108451..108483], trnA-UGC [108549..108586], trnA-UGC [109397..109431], ndhA [complement(123940..124478)], ndhA [complement(125591..126143)], trnA-UGC [complement(138337..138371)], trnA-UGC [complement(139182..139218)], trnI-GAU [complement(139283..139317)], trnI-GAU [complement(140265..140301)], ndhB [145920..146696], ndhB [147376..148131]	[49631..50137], trnV-UAC [complement(54054..54629)], petB [79032..79793], petD [80637..81419], rpl16 [complement(85926..87023)], rpl2 [complement(89225..89896)], ndhB [complement(100393..101071)], trnI-GAU [107504..108450], trnA-UGC [108587..109396], ndhA [complement(124479..125590)], trnA-UGC [complement(138372..139181)], trnI-GAU [complement(139318..140264)], ndhB [146697..147375]
3776.	ZABU	70	rps12 [complement(100632..100874)], rps12 [complement(71961..72086)], trnK-UUU [complement(2019..2056)], trnK-UUU [complement(4560..4596)], rps16 [complement(5106..5330)], rps16 [complement(6229..6270)], trnG-UCC [9841..9863], trnG-UCC [10612..10660], atpF [complement(12562..12978)], atpF [complement(13776..13919)], rpoC1 [complement(22084..23694)], rpoC1 [complement(24503..24925)], ycf3 [complement(45155..45307)], ycf3 [complement(46104..46331)], ycf3 [complement(47066..47194)], trnL-UAA [50011..50045], trnL-UAA [50598..50647], trnV-UAC [complement(53656..53692)], trnV-UAC [complement(54286..54324)], rps12 [143426..143668], clpP [complement(72192..72419)], clpP [complement(73014..73304)], clpP [complement(74180..74248)], petB [77133..77138], petB [77893..78534], petD [78745..78752], petD [79492..79966], rpl16 [complement(83369..83770)], rpl16 [complement(84806..84814)], rpl2 [complement(86330..86764)], rpl2 [complement(87458..87847)], ndhB [complement(97022..97777)], ndhB [complement(98459..99235)], trnI-GAU [104788..104829], trnI-GAU [105785..105819], trnA-UGC [105890..105927], trnA-UGC [106731..106765],	trnK-UUU [complement(2057..4559)], rps16 [complement(5331..6228)], trnG-UCC [9864..10611], atpF [complement(12979..13775)], rpoC1 [complement(23695..24502)], ycf3 [complement(45308..46103)], ycf3 [complement(46332..47065)], trnL-UAA [50046..50597], trnV-UAC [complement(53693..54285)], clpP [complement(72420..73013)], clpP [complement(73305..74179)], petB [77139..77892], petD [78753..79491], rpl16 [complement(83771..84805)], rpl2 [complement(86765..87457)], ndhB [complement(97778..98458)], trnI-GAU [104830..105784], trnA-UGC [105928..106730], ndhA

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			ndhA [complement(123010..123549)], ndhA [complement(124705..125256)], trnA-UGC [complement(137535..137569)], trnA-UGC [complement(138373..138410)], trnI-GAU [complement(138481..138515)], trnI-GAU [complement(139471..139512)], ndhB [145065..145841], ndhB [146523..147278], rpl2 [156453..156842], rpl2 [157536..157970]	[complement(123550..124704)], trnA-UGC [complement(137570..138372)], trnI-GAU [complement(138516..139470)], ndhB [145842..146522], rpl2 [156843..157535]
3777.	ZAFU	70	rps12 [complement(103761..103786)], rps12 [complement(104343..104574)], rps12 [complement(73772..73885)], trnK-UUU [complement(1631..1665)], trnK-UUU [complement(4153..4198)], rps16 [complement(5056..5270)], rps16 [complement(6191..6230)], trnG-UCC [10693..10715], trnG-UCC [11539..11586], atpF [complement(13571..13980)], atpF [complement(14726..14870)], rpoC1 [complement(22332..23945)], rpoC1 [complement(24643..25095)], ycf3 [complement(44378..44533)], ycf3 [complement(45259..45488)], ycf3 [complement(46214..46337)], trnL-UAG [48918..48952], trnL-UAG [49439..49491], trnV-UAC [complement(56094..56128)], trnV-UAC [complement(56670..56708)], rps12 [complement(73772..73885)], rps12 [150321..150552], rps12 [151109..151134], clpP [complement(74026..74271)], clpP [complement(74840..75131)], clpP [complement(75891..75940)], petB [78950..78955], petB [79716..80357], petD [80549..80556], petD [81293..81791], rpl16 [complement(85160..85567)], rpl16 [complement(86506..86514)], rpl2 [complement(88034..88464)], rpl2 [complement(89176..89575)], ndhB [complement(100673..101434)], ndhB [complement(102162..102884)], trnI-GAU [108488..108524], trnI-GAU [109453..109487], trnA-UGC [109555..109592], trnA-UGC [110373..110407], ndhA [complement(126869..127416)], ndhA [complement(128415..128973)], trnA-UGC [complement(144488..144522)], trnA-UGC [complement(145303..145340)], trnI-GAU [complement(145408..145442)], trnI-GAU [complement(146371..146407)], ndhB [152011..152733], ndhB [153461..154222]	trnK-UUU [complement(1666..4152)], rps16 [complement(5271..6190)], trnG-UCC [10716..11538], atpF [complement(13981..14725)], rpoC1 [complement(23946..24642)], ycf3 [complement(44534..45258)], ycf3 [complement(45489..46213)], trnL-UAG [48953..49438], trnV-UAC [complement(56129..56669)], clpP [complement(74272..74839)], clpP [complement(75132..75890)], petB [78956..79715], petD [80557..81292], rpl16 [complement(85568..86505)], rpl2 [complement(88465..89175)], ndhB [complement(101435..102161)], trnI-GAU [108525..109452], trnA-UGC [109593..110372], ndhA [complement(127417..128414)], trnA-UGC [complement(144523..145302)], trnI-GAU [complement(145443..146370)], ndhB [152734..153460]
3778.	ZAPI	69	rps12 [complement(100273..100515)], rps12 [complement(71426..71539)], trnK-UUU [complement(1835..1872)], trnK-UUU [complement(4376..4412)], rps16 [complement(4926..5150)], rps16 [complement(6049..6090)], trnG-UCC	trnK-UUU [complement(1873..4375)], rps16 [complement(5151..6048)], trnG-UCC [9205..9950], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[9182..9204], trnG-UCC [9951..9999], atpF [complement(11906..12322)], atpF [complement(13117..13260)], rpoC1 [complement(21429..23039)], rpoC1 [complement(23841..24263)], ycf3 [complement(44569..44721)], ycf3 [complement(45516..45743)], ycf3 [complement(46478..46606)], trnL-UAA [49424..49458], trnL-UAA [50011..50060], trnV-UAC [complement(52963..52999)], trnV-UAC [complement(53593..53631)], clpP [complement(71645..71872)], clpP [complement(72466..72756)], clpP [complement(73633..73701)], petB [76590..76595], petB [77350..77991], petD [78202..78209], petD [78950..79424], rpl16 [complement(82828..83229)], rpl16 [complement(84266..84274)], rpl2 [complement(85970..86404)], rpl2 [complement(87098..87487)], ndhB [complement(96662..97417)], ndhB [complement(98099..98875)], trnI-GAU [104430..104471], trnI-GAU [105427..105461], trnA-UGC [105532..105569], trnA-UGC [106373..106407], ndhA [complement(122575..123114)], ndhA [complement(124262..124813)], trnA-UGC [complement(137088..137122)], trnA-UGC [complement(137926..137963)], trnI-GAU [complement(138034..138068)], trnI-GAU [complement(139024..139065)], ndhB [144620..145396], ndhB [146078..146833], rpl2 [156008..156397], rpl2 [157091..157525]	[complement(12323..13116)], rpoC1 [complement(23040..23840)], ycf3 [complement(44722..45515)], ycf3 [complement(45744..46477)], trnL-UAA [49459..50010], trnV-UAC [complement(53000..53592)], clpP [complement(71873..72465)], clpP [complement(72757..73632)], petB [76596..77349], petD [78210..78949], rpl16 [complement(83230..84265)], rpl2 [complement(86405..87097)], ndhB [complement(97418..98098)], trnI-GAU [104472..105426], trnA-UGC [105570..106372], ndhA [complement(123115..124261)], trnA-UGC [complement(137123..137925)], trnI-GAU [complement(138069..139023)], ndhB [145397..146077], rpl2 [156398..157090]
3779.	ZASC	70	rps12 [complement(101487..101729)], rps12 [complement(72578..72691)], trnK-UUU [complement(1815..1852)], trnK-UUU [complement(4356..4392)], rps16 [complement(4917..5141)], rps16 [complement(6042..6083)], trnG-UCC [9690..9712], trnG-UCC [10457..10505], atpF [complement(12566..12982)], atpF [complement(13777..13920)], rpoC1 [complement(22046..23656)], rpoC1 [complement(24443..24865)], ycf3 [complement(45334..45486)], ycf3 [complement(46283..46510)], ycf3 [complement(47244..47372)], trnL-UAA [50244..50278], trnL-UAA [50825..50874], trnV-UAC [complement(53970..54006)], trnV-UAC [complement(54597..54635)], rps12 [143763..144005], clpP [complement(72797..73024)], clpP [complement(73676..73966)], clpP [complement(74809..74877)], petB [77778..77783], petB [78538..79179], petD [79390..79397], petD [80136..80610], rpl16 [complement(84023..84424)], rpl16 [complement(85472..85480)], rpl2 [complement(87164..87598)], rpl2	trnK-UUU [complement(1853..4355)], rps16 [complement(5142..6041)], trnG-UCC [9713..10456], atpF [complement(12983..13776)], rpoC1 [complement(23657..24442)], ycf3 [complement(45487..46282)], ycf3 [complement(46511..47243)], trnL-UAA [50279..50824], trnV-UAC [complement(54007..54596)], clpP [complement(73025..73675)], clpP [complement(73967..74808)], petB [77784..78537], petD [79398..80135], rpl16 [complement(84425..85471)], rpl2 [complement(87599..88291)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(88292..88681)], ndhB [complement(97871..98626)], ndhB [complement(99308..100084)], trnI-GAU [105628..105669], trnI-GAU [106626..106660], trnA-UGC [106731..106768], trnA-UGC [107572..107606], ndhA [complement(123328..123867)], ndhA [complement(125028..125579)], trnA-UGC [complement(137886..137920)], trnA-UGC [complement(138724..138761)], trnI-GAU [complement(138832..138866)], trnI-GAU [complement(139823..139864)], ndhB [145408..146184], ndhB [146866..147621], rpl2 [156811..157200], rpl2 [157894..158328]	[complement(98627..99307)], trnI-GAU [105670..106625], trnA-UGC [106769..107571], ndhA [complement(123868..125027)], trnA-UGC [complement(137921..138723)], trnI-GAU [complement(138867..139822)], ndhB [146185..146865], rpl2 [157201..157893]
3780.	ZASI	70	rps12 [complement(100500..100742)], rps12 [complement(71681..71794)], trnK-UUU [complement(1812..1849)], trnK-UUU [complement(4353..4389)], rps16 [complement(4900..5124)], rps16 [complement(6023..6064)], trnG-UCC [9643..9665], trnG-UCC [10412..10460], atpF [complement(12361..12777)], atpF [complement(13575..13718)], rpoC1 [complement(21881..23491)], rpoC1 [complement(24304..24726)], ycf3 [complement(44875..45027)], ycf3 [complement(45823..46050)], ycf3 [complement(46785..46913)], trnL-UAA [49732..49766], trnL-UAA [50319..50368], trnV-UAC [complement(53284..53320)], trnV-UAC [complement(53915..53953)], rps12 [143288..143530], clpP [complement(71900..72127)], clpP [complement(72722..73012)], clpP [complement(73888..73956)], petB [76840..76845], petB [77599..78240], petD [78451..78458], petD [79198..79672], rpl16 [complement(83074..83475)], rpl16 [complement(84512..84520)], rpl2 [complement(86198..86632)], rpl2 [complement(87326..87715)], ndhB [complement(96890..97645)], ndhB [complement(98327..99103)], trnI-GAU [104657..104698], trnI-GAU [105654..105688], trnA-UGC [105759..105796], trnA-UGC [106600..106634], ndhA [complement(122875..123414)], ndhA [complement(124566..125117)], trnA-UGC [complement(137396..137430)], trnA-UGC [complement(138234..138271)], trnI-GAU [complement(138342..138376)], trnI-GAU [complement(139332..139373)], ndhB [144927..145703], ndhB [146385..147140], rpl2 [156315..156704], rpl2 [157398..157832]	trnK-UUU [complement(1850..4352)], rps16 [complement(5125..6022)], trnG-UCC [9666..10411], atpF [complement(12778..13574)], rpoC1 [complement(23492..24303)], ycf3 [complement(45028..45822)], ycf3 [complement(46051..46784)], trnL-UAA [49767..50318], trnV-UAC [complement(53321..53914)], clpP [complement(72128..72721)], clpP [complement(73013..73887)], petB [76846..77598], petD [78459..79197], rpl16 [complement(83476..84511)], rpl2 [complement(86633..87325)], ndhB [complement(97646..98326)], trnI-GAU [104699..105653], trnA-UGC [105797..106599], ndhA [complement(123415..124565)], trnA-UGC [complement(137431..138233)], trnI-GAU [complement(138377..139331)], ndhB [145704..146384], rpl2 [156705..157397]
3781.	ZATR	65	rps12 [complement(102358..102383)], rps12 [complement(102920..103151)], rps12 [complement(74960..75073)], trnK-UUU [complement(1930..1964)],	trnK-UUU [complement(1965..4512)], rps16 [complement(5365..6199)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4513..4549)], rps16 [complement(5135..5364)], rps16 [complement(6200..6239)], trnG-GCC [10158..10178], trnG-GCC [10885..10931], atpF [complement(12894..13304)], atpF [complement(14018..14161)], rpoC1 [complement(22204..23820)], rpoC1 [complement(24596..25027)], ycf3 [complement(44894..45046)], ycf3 [complement(45806..46035)], ycf3 [complement(46804..46921)], trnL-UAA [49577..49613], trnL-UAA [50121..50173], trnV-UAC [complement(54004..54040)], trnV-UAC [complement(54618..54656)], rps12 [complement(74960..75073)], rps12 [143850..144081], rps12 [144618..144643], petB [78810..78815], petB [79578..80219], petD [80413..80420], petD [81194..81668], rpl16 [complement(85254..85652)], rpl16 [complement(86759..86767)], rpl2 [complement(88523..88956)], rpl2 [complement(89629..90019)], ndhB [complement(99302..100057)], ndhB [complement(100737..101513)], trnI-GAU [107140..107176], trnI-GAU [108124..108156], trnA-UGC [108222..108259], trnA-UGC [109065..109099], ndhA [complement(123537..124075)], ndhA [complement(125186..125738)], trnA-UGC [complement(137902..137936)], trnA-UGC [complement(138742..138778)], trnI-GAU [complement(138843..138877)], trnI-GAU [complement(139825..139861)], ndhB [145488..146264], ndhB [146944..147699]	[10179..10884], atpF [complement(13305..14017)], rpoC1 [complement(23821..24595)], ycf3 [complement(45047..45805)], ycf3 [complement(46036..46803)], trnL-UAA [49614..50120], trnV-UAC [complement(54041..54617)], petB [78816..79577], petD [80421..81193], rpl16 [complement(85653..86758)], rpl2 [complement(88957..89628)], ndhB [complement(100058..100736)], trnI-GAU [107177..108123], trnA-UGC [108260..109064], ndhA [complement(124076..125185)], trnA-UGC [complement(137937..138741)], trnI-GAU [complement(138878..139824)], ndhB [146265..146943]
3782.	ZEDI	64	rps12 [complement(92453..92481)], rps12 [complement(93022..93253)], rps12 [complement(69442..69555)], trnK-UUU [complement(1387..1419)], trnK-UUU [complement(3915..3952)], rps16 [complement(4492..4709)], rps16 [complement(5567..5606)], trnG-UCC [complement(13512..13559)], trnG-UCC [complement(14242..14264)], atpF [35434..35592], atpF [36409..36816], ycf3 [complement(44548..44706)], ycf3 [complement(45438..45665)], ycf3 [complement(46404..46529)], trnL-UAA [49285..49319], trnL-UAA [49778..49827], trnV-UAC [complement(53469..53515)], trnV-UAC [complement(54107..54145)], rps12 [129856..130087], rps12 [130628..130656], petB [73275..73280], petB [74033..74680], petD [74863..74870], petD [75615..76089], rpl16 [complement(79658..80059)], rpl16 [complement(81107..81115)], rpl2 [complement(83078..83509)], rpl2	trnK-UUU [complement(1420..3914)], rps16 [complement(4710..5566)], trnG-UCC [complement(13560..14241)], atpF [35593..36408], ycf3 [complement(44707..45437)], ycf3 [complement(45666..46403)], trnL-UAA [49320..49777], trnV-UAC [complement(53516..54106)], petB [73281..74032], petD [74871..75614], rpl16 [complement(80060..81106)], rpl2 [complement(83510..84169)], ndhB [complement(90144..90847)], trnI-GAU

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[complement(84170..84562)], ndhB [complement(89387..90143)], ndhB [complement(90848..91623)], trnI-GAU [97117..97157], trnI-GAU [98103..98137], trnA-UGC [98203..98240], trnA-UGC [99051..99085], ndhA [complement(114536..115075)], ndhA [complement(116101..116649)], trnA-UGC [complement(124024..124058)], trnA-UGC [complement(124869..124906)], trnI-GAU [complement(124972..125006)], trnI-GAU [complement(125952..125992)], ndhB [131486..132262], ndhB [132967..133722], rpl2 [138550..138939], rpl2 [139600..140031]	[97158..98102], trnA-UGC [98241..99050], ndhA [complement(115076..116100)], trnA-UGC [complement(124059..124868)], trnI-GAU [complement(125007..125951)], ndhB [132263..132966], rpl2 [138940..139599]
3783.	ZELU	64	rps12 [complement(92618..92646)], rps12 [complement(93187..93418)], rps12 [complement(69630..69743)], trnK-UUU [complement(1379..1411)], trnK-UUU [complement(3907..3944)], rps16 [complement(4484..4701)], rps16 [complement(5559..5598)], trnG-UCC [complement(13632..13679)], trnG-UCC [complement(14378..14400)], atpF [35528..35686], atpF [36503..36910], ycf3 [complement(44642..44800)], ycf3 [complement(45532..45759)], ycf3 [complement(46498..46623)], trnL-UAA [49395..49429], trnL-UAA [49888..49937], trnV-UAC [complement(53578..53624)], trnV-UAC [complement(54217..54255)], rps12 [129992..130223], rps12 [130764..130792], petB [73465..73470], petB [74226..74873], petD [75056..75063], petD [75808..76282], rpl16 [complement(79849..80250)], rpl16 [complement(81306..81314)], rpl2 [complement(83277..83708)], rpl2 [complement(84369..84761)], ndhB [complement(89552..90308)], ndhB [complement(91013..91788)], trnI-GAU [97275..97316], trnI-GAU [98262..98296], trnA-UGC [98362..98399], trnA-UGC [99210..99244], ndhA [complement(114682..115221)], ndhA [complement(116243..116791)], trnA-UGC [complement(124166..124200)], trnA-UGC [complement(125011..125048)], trnI-GAU [complement(125114..125148)], trnI-GAU [complement(126094..126135)], ndhB [131622..132398], ndhB [133103..133858], rpl2 [138652..139041], rpl2 [139702..140133]	trnK-UUU [complement(1412..3906)], rps16 [complement(4702..5558)], trnG-UCC [complement(13680..14377)], atpF [35687..36502], ycf3 [complement(44801..45531)], ycf3 [complement(45760..46497)], trnL-UAA [49430..49887], trnV-UAC [complement(53625..54216)], petB [73471..74225], petD [75064..75807], rpl16 [complement(80251..81305)], rpl2 [complement(83709..84368)], ndhB [complement(90309..91012)], trnI-GAU [97317..98261], trnA-UGC [98400..99209], ndhA [complement(115222..116242)], trnA-UGC [complement(124201..125010)], trnI-GAU [complement(125149..126093)], ndhB [132399..133102], rpl2 [139042..139701]
3784.	ZEMA	3	rps12 [complement(92301..92329)], rps12 [complement(92870..93101)], rps12 [complement(69307..69420)]	-
3785.	ZEPE	64	rps12 [complement(92511..92539)], rps12 [complement(93080..93311)], rps12 [complement(69490..69603)], trnK-UUU [complement(1379..1411)],	trnK-UUU [complement(1412..3905)], rps16 [complement(4701..5557)], trnG-UCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(3906..3943)], rps16 [complement(4483..4700)], rps16 [complement(5558..5597)], trnG-UCC [complement(13459..13506)], trnG-UCC [complement(14205..14227)], atpF [35372..35530], atpF [36347..36754], ycf3 [complement(44486..44644)], ycf3 [complement(45376..45603)], ycf3 [complement(46342..46467)], trnL-UAA [49240..49274], trnL-UAA [49733..49782], trnV-UAC [complement(53424..53470)], trnV-UAC [complement(54063..54101)], rps12 [129894..130125], rps12 [130666..130694], petB [73325..73330], petB [74085..74732], petD [74915..74922], petD [75667..76141], rpl16 [complement(79708..80109)], rpl16 [complement(81166..81174)], rpl2 [complement(83136..83567)], rpl2 [complement(84228..84620)], ndhB [complement(89445..90201)], ndhB [complement(90906..91681)], trnI-GAU [97168..97209], trnI-GAU [98155..98189], trnA-UGC [98255..98292], trnA-UGC [99103..99137], ndhA [complement(114584..115123)], ndhA [complement(116145..116693)], trnA-UGC [complement(124068..124102)], trnA-UGC [complement(124913..124950)], trnI-GAU [complement(125016..125050)], trnI-GAU [complement(125996..126037)], ndhB [131524..132300], ndhB [133005..133760], rpl2 [138588..138977], rpl2 [139638..140069]	[complement(13507..14204)], atpF [35531..36346], ycf3 [complement(44645..45375)], ycf3 [complement(45604..46341)], trnL-UAA [49275..49732], trnV-UAC [complement(53471..54062)], petB [73331..74084], petD [74923..75666], rpl16 [complement(80110..81165)], rpl2 [complement(83568..84227)], ndhB [complement(90202..90905)], trnI-GAU [97210..98154], trnA-UGC [98293..99102], ndhA [complement(115124..116144)], trnA-UGC [complement(124103..124912)], trnI-GAU [complement(125051..125995)], ndhB [132301..133004], rpl2 [138978..139637]
3786.	ZEPI	64	rps12 [complement(91579..91607)], rps12 [complement(92148..92379)], rps12 [complement(68632..68745)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3860..3897)], rps16 [complement(4440..4669)], rps16 [complement(5528..5567)], trnG-UCC [complement(13148..13195)], trnG-UCC [complement(13882..13904)], atpF [34168..34326], atpF [35136..35543], ycf3 [complement(43296..43454)], ycf3 [complement(44184..44411)], ycf3 [complement(45141..45272)], trnL [47965..47999], trnL [48544..48593], trnV-UAC [complement(52208..52244)], trnV-UAC [complement(52841..52879)], rps12 [128972..129203], rps12 [129744..129772], petB [72524..72529], petB [73294..73941], petD [74073..74080], petD [74822..75296], rpl16 [complement(78848..79249)], rpl16 [complement(80221..80229)], rpl2 [complement(82189..82620)], rpl2 [complement(83280..83672)], ndhB [complement(88506..89261)], ndhB [complement(89974..90750)], trnI-GAU [96194..96235], trnI-GAU [97186..97220], trnA-UGC [97286..97323], trnA-	trnK-UUU [complement(1411..3859)], rps16 [complement(4670..5527)], trnG-UCC [complement(13196..13881)], atpF [34327..35135], ycf3 [complement(43455..44183)], ycf3 [complement(44412..45140)], trnL [48000..48543], trnV-UAC [complement(52245..52840)], petB [72530..73293], petD [74081..74821], rpl16 [complement(79250..80220)], rpl2 [complement(82621..83279)], ndhB [complement(89262..89973)], trnI-GAU [96236..97185], trnA-UGC [97324..98133], ndhA [complement(114236..115263)], trnA-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			UGC [98134..98168], ndhA [complement(113696..114235)], ndhA [complement(115264..115812)], trnA-UGC [complement(123183..123217)], trnA-UGC [complement(124028..124065)], trnI-GAU [complement(124131..124165)], trnI-GAU [complement(125116..125157)], ndhB [130601..131377], ndhB [132090..132845], rpl2 [137679..138071], rpl2 [138731..139162]	UGC [complement(123218..124027)], trnI-GAU [complement(124166..125115)], ndhB [131378..132089], rpl2 [138072..138730]
3787.	ZESC	73	rps12 [complement(100951..100979)], rps12 [complement(101518..101749)], rps12 [complement(72754..72867)], trnK-UUU [complement(1692..1726)], trnK-UUU [complement(4346..4382)], rps16 [complement(5408..5637)], rps16 [complement(6539..6578)], trnG-UCC [9893..9915], trnG-UCC [10609..10656], atpF [complement(12976..13386)], atpF [complement(14141..14284)], rpoC1 [complement(22038..23647)], rpoC1 [complement(24478..24913)], ycf3 [complement(44399..44553)], ycf3 [complement(45305..45532)], ycf3 [complement(46364..46490)], trnL-UAA [50070..50104], trnL-UAA [50629..50678], trnV-UAC [complement(54325..54359)], trnV-UAC [complement(54982..55020)], rps12 [complement(72754..72867)], rps12 [144667..144898], rps12 [145437..145465], clpP [complement(73030..73257)], clpP [complement(73881..74172)], clpP [complement(75048..75118)], petB [78069..78074], petB [78878..79519], petD [79745..79752], petD [80476..80950], rpl16 [complement(84492..84902)], rpl16 [complement(85944..85952)], rpl2 [complement(87664..88134)], rpl2 [complement(88781..89173)], ndhB [complement(97905..98660)], ndhB [complement(99335..100111)], trnI-GAU [105515..105551], trnI-GAU [106496..106530], trnA-UGC [106600..106637], trnA-UGC [107440..107474], ndhA [complement(123862..124400)], ndhA [complement(125929..126484)], trnA-UGC [complement(138942..138976)], trnA-UGC [complement(139779..139816)], trnI-GAU [complement(139886..139919)], trnI-GAU [complement(140859..140901)], ndhB [146305..147081], ndhB [147756..148511], rpl2 [157243..157635], rpl2 [158291..158752]	trnK-UUU [complement(1727..4345)], rps16 [complement(5638..6538)], trnG-UCC [9916..10608], atpF [complement(13387..14140)], rpoC1 [complement(23648..24477)], ycf3 [complement(44554..45304)], ycf3 [complement(45533..46363)], trnL-UAA [50105..50628], trnV-UAC [complement(54360..54981)], clpP [complement(73258..73880)], clpP [complement(74173..75047)], petB [78075..78877], petD [79753..80475], rpl16 [complement(84903..85943)], rpl2 [complement(88135..88780)], ndhB [complement(98661..99334)], trnI-GAU [105552..106495], trnA-UGC [106638..107439], ndhA [complement(124401..125928)], trnA-UGC [complement(138977..139778)], trnI-GAU [complement(139920..140858)], ndhB [147082..147755], rpl2 [157636..158290]
3788.	ZESE	70	rps12 [complement(100924..100952)], rps12 [complement(101491..101722)], rps12 [complement(72684..72797)], trnK-UUU [complement(1729..1763)],	trnK-UUU [complement(1764..4386)], rps16 [complement(5679..6578)], trnG-GCC

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			trnK-UUU [complement(4387..4423)], rps16 [complement(5449..5678)], rps16 [complement(6579..6618)], trnG-GCC [9928..9950], trnG-GCC [10654..10690], rpoC1 [complement(22029..23639)], rpoC1 [complement(24470..24904)], ycf3 [complement(44385..44537)], ycf3 [complement(45290..45519)], ycf3 [complement(46341..46467)], trnL-UAA [50047..50083], trnL-UAA [50606..50655], trnV-UAC [complement(54290..54326)], trnV-UAC [complement(54947..54985)], rps12 [complement(72684..72797)], rps12 [144675..144906], rps12 [145445..145473], clpP [complement(72960..73187)], clpP [complement(73830..74118)], clpP [complement(74998..75068)], petB [78019..78024], petB [78828..79469], petD [79695..79702], petD [80426..80900], rpl16 [complement(84445..84843)], rpl16 [complement(85917..85925)], rpl2 [complement(87637..88106)], rpl2 [complement(88753..89146)], ndhB [complement(97878..98633)], ndhB [complement(99308..100084)], trnI-GAU [105488..105529], trnI-GAU [106469..106503], trnA-UGC [106573..106610], trnA-UGC [107413..107447], ndhA [complement(123838..124376)], ndhA [complement(125937..126492)], trnA-UGC [complement(138950..138984)], trnA-UGC [complement(139787..139824)], trnI-GAU [complement(139894..139928)], trnI-GAU [complement(140868..140909)], ndhB [146313..147089], ndhB [147764..148519], rpl2 [157251..157640], rpl2 [158326..158760]	[9951..10653], rpoC1 [complement(23640..24469)], ycf3 [complement(44538..45289)], ycf3 [complement(45520..46340)], trnL-UAA [50084..50605], trnV-UAC [complement(54327..54946)], clpP [complement(73188..73829)], clpP [complement(74119..74997)], petB [78025..78827], petD [79703..80425], rpl16 [complement(84844..85916)], rpl2 [complement(88107..88752)], ndhB [complement(98634..99307)], trnI-GAU [105530..106468], trnA-UGC [106611..107412], ndhA [complement(124377..125936)], trnA-UGC [complement(138985..139786)], trnI-GAU [complement(139929..140867)], ndhB [147090..147763], rpl2 [157641..158325]
3789.	ZIAQ	64	rps12 [complement(89923..89951)], rps12 [complement(90492..90723)], rps12 [complement(68939..69052)], trnK-UUU [complement(1379..1413)], trnK-UUU [complement(3904..3940)], rps16 [complement(4514..4731)], rps16 [complement(5555..5594)], trnG-UCC [complement(12822..12869)], trnG-UCC [complement(13568..13590)], atpF [33939..34083], atpF [34911..35317], ycf3 [complement(43061..43221)], ycf3 [complement(43948..44173)], ycf3 [complement(44909..45034)], trnL-UAA [47551..47585], trnL-UAA [48141..48190], trnV-UAC [complement(51542..51578)], trnV-UAC [complement(52175..52213)], rps12 [127655..127886], rps12 [128427..128455], petB [72707..72712], petB [73537..74178], petD [74355..74362], petD [75115..75589], rpl16 [complement(79144..79545)],	trnK-UUU [complement(1414..3903)], rps16 [complement(4732..5554)], trnG-UCC [complement(12870..13567)], atpF [34084..34910], ycf3 [complement(43222..43947)], ycf3 [complement(44174..44908)], trnL-UAA [47586..48140], trnV-UAC [complement(51579..52174)], petB [72713..73536], petD [74363..75114], rpl16 [complement(79546..80615)], rpl2 [complement(83030..83692)], ndhB

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			rpl16 [complement(80616..80624)], rpl2 [complement(82599..83029)], rpl2 [complement(83693..84083)], ndhB [complement(86850..87605)], ndhB [complement(88318..89094)], trnI-GAU [94548..94584], trnI-GAU [95536..95570], trnA-UGC [95636..95673], trnA-UGC [96485..96519], ndhA [complement(112408..112946)], ndhA [complement(113934..114483)], trnA-UGC [complement(121859..121893)], trnA-UGC [complement(122705..122742)], trnI-GAU [complement(122808..122842)], trnI-GAU [complement(123794..123830)], ndhB [129284..130060], ndhB [130773..131528], rpl2 [134295..134685], rpl2 [135349..135779]	[complement(87606..88317)], trnI-GAU [94585..95535], trnA-UGC [95674..96484], ndhA [complement(112947..113933)], trnA-UGC [complement(121894..122704)], trnI-GAU [complement(122843..123793)], ndhB [130061..130772], rpl2 [134686..135348]
3790.	ZIBI	64	rps12 [complement(88901..88929)], rps12 [complement(89470..89701)], rps12 [complement(67059..67172)], trnK-UUU [complement(1388..1422)], trnK-UUU [complement(3945..3981)], rps16 [complement(4538..4755)], rps16 [complement(5591..5630)], trnG-UCC [complement(12872..12919)], trnG-UCC [complement(13596..13618)], atpF [32520..32664], atpF [33478..33884], ycf3 [complement(41652..41812)], ycf3 [complement(42530..42755)], ycf3 [complement(43511..43636)], trnL-UAA [46280..46314], trnL-UAA [46857..46906], trnV-UAC [complement(50377..50413)], trnV-UAC [complement(51016..51054)], rps12 [125914..126145], rps12 [126686..126714], petB [70953..70958], petB [71715..72356], petD [72549..72556], petD [73295..73769], rpl16 [complement(77398..77799)], rpl16 [complement(78703..78711)], rpl2 [complement(80704..81134)], rpl2 [complement(81798..82188)], ndhB [complement(85833..86588)], ndhB [complement(87301..88077)], trnI-GAU [93482..93518], trnI-GAU [94324..94358], trnA-UGC [94424..94461], trnA-UGC [95273..95307], ndhA [complement(110881..111419)], ndhA [complement(112445..112994)], trnA-UGC [complement(120308..120342)], trnA-UGC [complement(121154..121191)], trnI-GAU [complement(121257..121291)], trnI-GAU [complement(122097..122133)], ndhB [127538..128314], ndhB [129027..129782], rpl2 [133427..133817], rpl2 [134481..134911]	trnK-UUU [complement(1423..3944)], rps16 [complement(4756..5590)], trnG-UCC [complement(12920..13595)], atpF [32665..33477], ycf3 [complement(41813..42529)], ycf3 [complement(42756..43510)], trnL-UAA [46315..46856], trnV-UAC [complement(50414..51015)], petB [70959..71714], petD [72557..73294], rpl16 [complement(77800..78702)], rpl2 [complement(81135..81797)], ndhB [complement(86589..87300)], trnI-GAU [93519..94323], trnA-UGC [94462..95272], ndhA [complement(111420..112444)], trnA-UGC [complement(120343..121153)], trnI-GAU [complement(121292..122096)], ndhB [128315..129026], rpl2 [133818..134480]
3791.	ZIJU	39	rps12 [complement(74122..74235)], trnK-UUU [complement(1747..1781)], trnK-UUU [complement(4325..4361)], trnG-UCC [9607..9629], trnG-UCC [10327..10375], trnL-UAA [50885..50919], trnL-UAA [51466..51515], rps12	trnK-UUU [complement(1782..4324)], rps16 [complement(5290..6171)], trnG-UCC [9630..10326], atpF

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			[147551..147576], trnI-GAU [107641..107677], trnI-GAU [108625..108659], trnA-UGC [108724..108761], trnA-UGC [109564..109598], trnA-UGC [complement(140989..141023)], trnA-UGC [complement(141826..141863)], trnI-GAU [complement(141928..141962)], trnI-GAU [complement(142905..142946)], ndhB [149871..150626]	[complement(13313..14017)], rpoC1 [complement(23804..24568)], ycf3 [complement(45428..46149)], ycf3 [complement(46378..47370)], trnL-UAA [50920..51465], clpP [complement(74664..75349)], clpP [complement(75641..76539)], petB [79499..80303], petD [81202..81954], rpl16 [complement(86409..87511)], rpl2 [complement(89712..90393)], ndhB [complement(100717..101396)], trnI-GAU [107678..108624], trnA-UGC [108762..109563], ndhA [complement(126622..127879)], trnA-UGC [complement(141024..141825)], trnI-GAU [complement(141963..142904)], ndhB [149191..149870], rpl2 [160194..160875]
3792.	ZILA	41	rps12 [complement(90026..90054)], rps12 [complement(90595..90826)], rps12 [complement(69010..69123)], trnK-UUU [complement(1380..1414)], trnK-UUU [complement(3902..3938)], trnG-UCC [complement(12763..12810)], trnG-UCC [complement(13509..13531)], trnL-UAA [47466..47500], trnL-UAA [48055..48104], trnV-UAC [complement(51576..51612)], trnV-UAC [complement(52208..52246)], rps12 [127751..127982], rps12 [128523..128551], trnI-GAU [94650..94686], trnI-GAU [95637..95671], trnA-UGC [95737..95774], trnA-UGC [96586..96620], trnA-UGC [complement(121957..121991)], trnA-UGC [complement(122803..122840)], trnI-GAU [complement(122906..122940)], trnI-GAU [complement(123891..123927)]	trnK-UUU [complement(1415..3901)], rps16 [complement(4731..5554)], trnG-UCC [complement(12811..13508)], atpF [34051..34878], ycf3 [complement(43188..43913)], ycf3 [complement(44142..44876)], trnL-UAA [47501..48054], trnV-UAC [complement(51613..52207)], petB [72812..73623], petD [74458..75209], rpl16 [complement(79647..80712)], rpl2 [complement(83133..83795)], ndhB [complement(87709..88420)], trnI-GAU [94687..95636], trnA-UGC [95775..96585], ndhA [complement(113042..114031)], trnA-UGC [complement(121992..122802)], trnI-

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				GAU [complement(122941..123890)], ndhB [130157..130868], rpl2 [134782..135444]
3793.	ZIMA	73	rps12 [complement(103052..103077)], rps12 [complement(103614..103845)], rps12 [complement(74180..74293)], trnK-UUU [complement(1835..1869)], trnK-UUU [complement(4419..4455)], rps16 [complement(5315..5396)], rps16 [complement(6281..6321)], trnG-GCC [9657..9679], trnG-GCC [10381..10428], atpF [complement(12907..13317)], atpF [complement(14069..14212)], rpoC1 [complement(22203..23837)], rpoC1 [complement(24615..25049)], ycf3 [complement(45420..45572)], ycf3 [complement(46299..46526)], ycf3 [complement(47505..47630)], trnL-UAA [51028..51064], trnL-UAA [51585..51634], trnV-UAC [complement(55143..55179)], trnV-UAC [complement(55776..55814)], rps12 [complement(74180..74293)], rps12 [146780..147011], rps12 [147548..147573], clpP [complement(74479..74721)], clpP [complement(75426..75714)], clpP [complement(76643..76713)], petB [79598..79603], petB [80406..81047], petD [81291..81298], petD [82065..82539], rpl16 [complement(86098..86496)], rpl16 [complement(87581..87589)], rpl2 [complement(89348..89782)], rpl2 [complement(90468..90857)], ndhB [complement(99996..100751)], ndhB [complement(101432..102208)], trnI-GAU [107677..107718], trnI-GAU [108661..108695], trnA-UGC [108760..108797], trnA-UGC [109600..109634], ndhA [complement(126100..126639)], ndhA [complement(127865..128416)], trnA-UGC [complement(140991..141025)], trnA-UGC [complement(141828..141865)], trnI-GAU [complement(141930..141964)], trnI-GAU [complement(142907..142948)], ndhB [148417..149193], ndhB [149874..150629], rpl2 [159768..160157], rpl2 [160843..161277]	trnK-UUU [complement(1870..4418)], rps16 [complement(5397..6280)], trnG-GCC [9680..10380], atpF [complement(13318..14068)], rpoC1 [complement(23838..24614)], ycf3 [complement(45573..46298)], ycf3 [complement(46527..47504)], trnL-UAA [51065..51584], trnV-UAC [complement(55180..55775)], clpP [complement(74722..75425)], clpP [complement(75715..76642)], petB [79604..80405], petD [81299..82064], rpl16 [complement(86497..87580)], rpl2 [complement(89783..90467)], ndhB [complement(100752..101431)], trnI-GAU [107719..108660], trnA-UGC [108798..109599], ndhA [complement(126640..127864)], trnA-UGC [complement(141026..141827)], trnI-GAU [complement(141965..142906)], ndhB [149194..149873], rpl2 [160158..160842]
3794.	ZIOF	2	rps12 [complement(73009..73122)], rps12 [148291..148317]	-
3795.	ZISI	73	rps12 [complement(103132..103157)], rps12 [complement(103694..103925)], rps12 [complement(74236..74349)], trnK-UUU [complement(1836..1870)], trnK-UUU [complement(4418..4454)], rps16 [complement(5311..5392)], rps16 [complement(6277..6317)], trnG-GCC [9652..9674], trnG-GCC [10378..10425], atpF [complement(12934..13344)], atpF	trnK-UUU [complement(1871..4417)], rps16 [complement(5393..6276)], trnG-GCC [9675..10377], atpF [complement(13345..14097)], rpoC1 [complement(23869..24645)], ycf3

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
			<p>[complement(14098..14241)], rpoC1 [complement(22234..23868)], rpoC1 [complement(24646..25080)], ycf3 [complement(45472..45624)], ycf3 [complement(46351..46578)], ycf3 [complement(47557..47682)], trnL-UAA [51080..51116], trnL-UAA [51637..51686], trnV-UAC [complement(55195..55231)], trnV-UAC [complement(55828..55866)], rps12 [complement(74236..74349)], rps12 [146852..147083], rps12 [147620..147645], clpP [complement(74535..74777)], clpP [complement(75482..75770)], clpP [complement(76698..76768)], petB [79653..79658], petB [80460..81101], petD [81345..81352], petD [82119..82593], rpl16 [complement(86174..86572)], rpl16 [complement(87661..87669)], rpl2 [complement(89428..89862)], rpl2 [complement(90548..90937)], ndhB [complement(100076..100831)], ndhB [complement(101512..102288)], trnI-GAU [107757..107798], trnI-GAU [108741..108775], trnA-UGC [108840..108877], trnA-UGC [109680..109714], ndhA [complement(126173..126712)], ndhA [complement(127937..128488)], trnA-UGC [complement(141063..141097)], trnA-UGC [complement(141900..141937)], trnI-GAU [complement(142002..142036)], trnI-GAU [complement(142979..143020)], ndhB [148489..149265], ndhB [149946..150701], rpl2 [159840..160229], rpl2 [160915..161349]</p>	<p>[complement(45625..46350)], ycf3 [complement(46579..47556)], trnL-UAA [51117..51636], trnV-UAC [complement(55232..55827)], clpP [complement(74778..75481)], clpP [complement(75771..76697)], petB [79659..80459], petD [81353..82118], rpl16 [complement(86573..87660)], rpl2 [complement(89863..90547)], ndhB [complement(100832..101511)], trnI-GAU [107799..108740], trnA-UGC [108878..109679], ndhA [complement(126713..127936)], trnA-UGC [complement(141098..141899)], trnI-GAU [complement(142037..142978)], ndhB [149266..149945], rpl2 [160230..160914]</p>
3796.	ZISP	44	<p>rps12 [complement(71159..71272)], trnK-UUU [complement(1509..1543)], trnK-UUU [complement(4159..4195)], trnG-GCC [9284..9306], trnG-GCC [10015..10055], ycf3 [complement(44764..44994)], trnL-UAA [48892..48926], trnL-UAA [49464..49513], trnV-UAC [complement(53760..53796)], trnV-UAC [complement(54395..54432)], rps12 [142362..142387], clpP [complement(72322..72643)], petB [77318..77965], trnI-GAU [104050..104091], trnI-GAU [105027..105061], trnA-UGC [105124..105161], trnA-UGC [105963..105997], trnA-UGC [complement(135846..135880)], trnA-UGC [complement(136682..136719)], trnI-GAU [complement(136782..136816)], trnI-GAU [complement(137752..137793)]</p>	<p>trnK-UUU [complement(1544..4158)], rps16 [complement(5160..5894)], trnG-GCC [9307..10014], atpF [complement(12371..13186)], rpoC1 [complement(23189..23920)], ycf3 [complement(43961..44763)], ycf3 [complement(44995..45708)], trnL-UAA [48927..49463], trnV-UAC [complement(53797..54394)], clpP [complement(71699..72321)], clpP [complement(72644..73451)], petB [76462..77317], petD [78167..78913], rpl16 [complement(83290..84320)], rpl2</p>

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
				[complement(86745..87406)], ndhB [complement(97148..97848)], trnI-GAU [104092..105026], trnA-UGC [105162..105962], ndhA [complement(122016..123076)], trnA-UGC [complement(135881..136681)], trnI-GAU [complement(136817..137751)], ndhB [143995..144695], rpl2 [154416..155077]
3797.	ZOJA	1	rps12 [127345..127373]	-
3798.	ZOM A	64	rps12 [complement(89833..89861)], rps12 [complement(90402..90633)], rps12 [complement(68214..68327)], trnK-UUU [complement(1378..1410)], trnK-UUU [complement(3898..3935)], rps16 [complement(4469..4686)], rps16 [complement(5526..5565)], trnG-UCC [complement(13125..13172)], trnG-UCC [complement(13856..13878)], atpF [33913..34071], atpF [34899..35306], ycf3 [complement(43039..43197)], ycf3 [complement(43927..44154)], ycf3 [complement(44896..45021)], trnL-UAA [47748..47782], trnL-UAA [48337..48386], trnV-UAC [complement(51970..52016)], trnV-UAC [complement(52603..52641)], rps12 [126564..126795], rps12 [127336..127364], petB [72077..72082], petB [72860..73507], petD [73690..73697], petD [74450..74924], rpl16 [complement(78469..78870)], rpl16 [complement(79947..79955)], rpl2 [complement(81919..82350)], rpl2 [complement(83011..83403)], ndhB [complement(86760..87516)], ndhB [complement(88229..89004)], trnI-GAU [94424..94465], trnI-GAU [95166..95200], trnA-UGC [95266..95303], trnA-UGC [96114..96148], ndhA [complement(111599..112138)], ndhA [complement(113157..113705)], trnA-UGC [complement(121049..121083)], trnA-UGC [complement(121894..121931)], trnI-GAU [complement(121997..122031)], trnI-GAU [complement(122732..122773)], ndhB [128193..128968], ndhB [129681..130437], rpl2 [133794..134186], rpl2 [134847..135278]	trnK-UUU [complement(1411..3897)], rps16 [complement(4687..5525)], trnG-UCC [complement(13173..13855)], atpF [34072..34898], ycf3 [complement(43198..43926)], ycf3 [complement(44155..44895)], trnL-UAA [47783..48336], trnV-UAC [complement(52017..52602)], petB [72083..72859], petD [73698..74449], rpl16 [complement(78871..79946)], rpl2 [complement(82351..83010)], ndhB [complement(87517..88228)], trnI-GAU [94466..95165], trnA-UGC [95304..96113], ndhA [complement(112139..113156)], trnA-UGC [complement(121084..121893)], trnI-GAU [complement(122032..122731)], ndhB [128969..129680], rpl2 [134187..134846]
3799.	ZOM C	1	rps12 [127394..127422]	-
3800.	ZOM	31	atpF [complement(11116..11493)], atpF [complement(12526..12723)], rpoC1	atpF [complement(11494..12525)], rpoC1

S.No.	Plant Code	No. of Additions	Gene Name [Coordinates]	
			Exon	Intron
	R		[complement(20428..22026)], rpoC1 [complement(22813..23268)], ycf3 [complement(42024..42182)], ycf3 [complement(42925..43150)], ycf3 [complement(43866..43990)], clpP [complement(69475..69720)], clpP [complement(70348..70635)], clpP [complement(71416..71484)], rpl2 [complement(83647..84105)], rpl2 [complement(84692..85108)], ndhB [complement(92137..92775)], ndhB [complement(93522..94313)], ndhA [complement(113255..113761)], ndhA [complement(114893..115486)], ndhB [132775..133617], ndhB [134220..135002], rpl2 [142049..142447], rpl2 [143067..143492]	[complement(22027..22812)], ycf3 [complement(42183..42924)], ycf3 [complement(43151..43865)], clpP [complement(69721..70347)], clpP [complement(70636..71415)], rpl2 [complement(84106..84691)], ndhB [complement(92776..93521)], ndhA [complement(113762..114892)], ndhB [133618..134219], rpl2 [142448..143066]
3801.	ZOSI	1	rps12 [127363..127391]	-
3802.	ZOTE	1	rps12 [127380..127408]	-