

Supplementary Table S4: Note description and gene names assigned to feature records of different plant species

S.No.	Note Description	Gene Name	No. of Additions	No. of Species	Plant Species codes where gene name have been assigned from note description
1.	16S rRNA	rrn16	2	1	PHAP
2.	23S rRNA	rrn23	2	1	PHAP
3.	4.5S rRNA	rrn4.5	2	1	PHAP
4.	5S rRNA	rrn5	1	1	PHAP
5.	atpH	atpH	1	1	AKTR
6.	initiation factor 1	infA	3	3	NISY, NITA, NITO
7.	ndhA intron	ndhA	2	1	LOPH
8.	open reading frame 56	orf56	2	2	CUCR, VIUN
9.	ORF 489; 3' truncated ycf1	ORF489	1	1	ATBE
10.	ORF1	ORF1	1	1	CAFL
11.	orf102	orf102	1	1	KEDA
12.	ORF103	ORF103	4	4	NISY, NITA, NIUN, PHAP
13.	ORF105	ORF105	2	2	NISY, NITA
14.	ORF107	orf107	3	2	CYTA, NIUN
15.	orf109	orf109	2	1	ORSA
16.	ORF114	ORF114	1	1	PHAP
17.	ORF115	ORF115	3	2	NIUN, PHAP
18.	orf122	orf122	1	1	CYTA
19.	orf127	orf127	1	1	KEDA
20.	orf130	orf130	2	1	CYTA
21.	ORF131	ORF131	9	5	NISY, NITA, NITO, NIUN, PHAP
22.	orf132	orf132	2	1	ORSA
23.	orf133	orf133	3	1	ORSA
24.	ORF133; ORF within trnI intron	ORF133	2	1	ZEMA
25.	ORF137	ORF137	6	3	ANMA, ORSA, ZEMA
26.	ORF139	ORF139	2	1	ZEMA
27.	ORF169	ORF169	3	1	PITI
28.	ORF173	ORF173	2	1	ZEMA
29.	ORF2	ORF2	1	1	CAFL
30.	ORF22; similar to	ORF22	1	1	SPOL

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	ORF70 in Pinus thunbergii				
31.	orf222	orf222	2	1	ORSA
32.	orf23	orf23	4	2	ORSA, ZEMA
33.	ORF241	ORF241	2	1	ZEMA
34.	ORF27; similar to ORF74A in tobacco	ORF27	1	1	SPOL
35.	ORF28	orf28	4	2	ANMA, ORSA
36.	ORF31; similar to ORF54b in Pinus thunbergii	ORF31	1	1	SPOL
37.	ORF338; truncated ycf1	ORF338	1	1	NITO
38.	ORF339	ORF339	1	1	NIUN
39.	ORF34	ORF34	5	3	NIUN, ORSA, ZEMA
40.	ORF350	ORF350	1	1	NITA
41.	ORF350; truncated ycf1	ORF350	1	1	NISY
42.	ORF38	ORF38	1	1	ZEMA
43.	orf39	ORF39	3	2	ORSA, SPOL
44.	ORF404	ORF404	1	1	CUGR
45.	orf46	orf46	4	2	ORSA, ZEMA
46.	ORF47	ORF47	1	1	SPOL
47.	ORF47; similar to ORF70B in tobacco	ORF47	1	1	SPOL
48.	orf48	orf48	1	1	ORSA
49.	ORF482; putative chloroplast open reading frame (3' truncated ycf1	ORF482	1	1	SPOL
50.	ORF49; ORF within trnA intron	ORF49	2	1	ZEMA
51.	ORF54	ORF54	1	1	SPOL
52.	ORF54; similar to	ORF54	1	1	SPOL

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	ORF70B in tobacco				
53.	ORF55	ORF55	2	1	CURE
54.	ORF57	ORF57	2	2	NIUN, SPOL
55.	ORF57; similar to Nt ORF79	ORF57	1	1	SPOL
56.	ORF58	ORF58	1	1	ZEMA
57.	orf60	orf60	2	1	CYTA
58.	orf61a	orf61a	1	1	CYTA
59.	orf61b	orf61b	1	1	CYTA
60.	orf62a	orf62a	1	1	CYTA
61.	orf62b	orf62b	1	1	CYTA
62.	ORF63	ORF63	8	5	ANMA, CYTA, NISY, ORSA, ZEMA
63.	orf64	orf64	2	1	ORSA
64.	orf64a	orf64a	1	1	CYTA
65.	orf64b	orf64b	1	1	CYTA
66.	orf64c	orf64c	1	1	CYTA
67.	orf64d	orf64d	2	1	CYTA
68.	orf64e	orf64e	2	1	CYTA
69.	orf65	orf65	2	1	CYTA
70.	orf67	orf67	2	1	CYTA
71.	orf68	orf68	2	1	CYTA
72.	ORF69	ORF69	1	1	ZEMA
73.	orf70	orf70	1	1	ORSA
74.	ORF70A	ORF70A	3	3	NISY, NITA, NITO
75.	ORF70B	ORF70B	8	4	NISY, NITA, NITO, NIUN
76.	ORF70C	ORF70C	3	3	NISY, NITO, NIUN
77.	ORF71A	ORF71A	3	3	NISY, NITO, NIUN
78.	ORF71B	ORF71B	4	2	NITO, NIUN
79.	orf72	orf72	4	2	ORSA, SPOL
80.	orf72a	orf72a	1	1	CYTA
81.	orf72b	orf72b	1	1	CYTA
82.	ORF73	orf73	3	3	CYTA, NITO, ORSA
83.	ORF74	ORF74	4	4	CYTA, NISY, NITA, NITO
84.	ORF75	orf75	12	6	CYTA, NISY, NITA, NITO, NIUN, ZEMA
85.	orf77	orf77	2	2	CYTA, ORSA

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86.	ORF77A	ORF77A	1	1	PHAP
87.	ORF77B	ORF77B	1	1	PHAP
88.	orf78	orf78	1	1	CYTA
89.	ORF79	ORF79	10	5	NISY, NITA, NITO, NIUN, PHAP
90.	ORF79B	ORF79B	1	1	NIUN
91.	ORF81A	ORF81A	1	1	PHAP
92.	ORF81B	ORF81B	1	1	PHAP
93.	ORF81C	ORF81C	1	1	PHAP
94.	ORF82	orf82	3	3	ANMA, CYTA, ORSA
95.	ORF83; similar to ORF59 in Pinus thunbergii	ORF83	1	1	SPOL
96.	ORF85	orf85	6	4	CYTA, ORSA, PHAP, ZEMA
97.	ORF86A	ORF86A	1	1	PHAP
98.	ORF86B	ORF86B	1	1	PHAP
99.	ORF87A	ORF87A	1	1	PHAP
100.	ORF87B	ORF87B	1	1	PHAP
101.	ORF87C	ORF87C	1	1	PHAP
102.	ORF88	ORF88	1	1	PHAP
103.	orf89	orf89	1	1	ORSA
104.	ORF90	ORF90	3	3	NITO, NIUN, PHAP
105.	ORF91	ORF91	1	1	PHAP
106.	ORF92	ORF92	2	1	NIUN
107.	ORF99	ORF99	7	6	NISY, NITA, NITO, NIUN, PHAP, ZEMA
108.	petB intron	petB	1	1	LOPH
109.	petD	petD	1	1	ALPD
110.	petL	petL	1	1	PHAP
111.	psaI	psaI	1	1	PHAP
112.	rpl2 5' fragment	rpl2	1	1	HYVI
113.	rpl32	rpl32	1	1	PHAP
114.	rpl33	rpl33	1	1	PHAP
115.	rps12 intron 1 (3' end)	rps12	179	89	CASE, CEGR, CLFA, CYAN, CYBE, CYBN, CYCR, CYDE, CYFI, CYGL, CYLE, CYPH, CYSC, CYTT, DERH, DIFI, DIMI, DOCU, DOEL, GRBE, HILO, HYTR, ISHY, LEVA, LIPE, LOAB, LOAC, LOAN, LOBA, LOBE, LOBO, LOBU, LOCA, LOCH, LOCO, LODA, LODO, LOER, LOGA, LOGI, LOHA, LOHO, LOIN, LOJS,

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					LOKA, LOLA, LOLN, LOLO, LOLU, LOLX, LOME, LOMI, LOMO, LOMS, LOMW, LONI, LOOR, LOPA, LOPH, LOPO, LOPT, LOPU, LORH, LORI, LOSA, LOSE, LOSG, LOSO, LOSP, LOST, LOSU, LOTA, LOTE, LOTH, LOTR, LOUD, LOUR, LOWO, LOYU, MOAL, MOFL, POCA, PRAN, PRNU, SCLO, SCVI, SOBV, TRKA, WIHE
116.	rps12 intron 1 (5' end)	rps12	89	87	CASE, CEGR, CLFA, CYAN, CYBE, CYBN, CYCR, CYDE, CYFI, CYGL, CYLE, CYPH, CYSC, CYTT, DERH, DIFI, DIMI, DOCU, DOEL, GRBE, HILO, HYTR, ISHY, LEVA, LIPE, LOAC, LOAN, LOBA, LOBE, LOBO, LOCA, LOCH, LOCO, LODA, LODO, LOER, LOGA, LOGI, LOHA, LOHO, LOIN, LOJS, LOKA, LOLA, LOLN, LOLO, LOLU, LOLX, LOME, LOMI, LOMO, LOMS, LOMW, LONI, LOOR, LOPA, LOPH, LOPO, LOPT, LOPU, LORH, LORI, LOSA, LOSE, LOSG, LOSO, LOSP, LOST, LOSU, LOTA, LOTE, LOTH, LOTR, LOUD, LOUR, LOWO, LOYU, MOAL, MOFL, POCA, PRAN, PRNU, SCLO, SCVI, SOBV, TRKA, WIHE
117.	translation initiation factor 1	infA	2	2	CAAN, CACH
118.	trnA(ugc)	trnA-UGC	2	1	PHAP
119.	trnC(gca)	trnC-GCA	1	1	PHAP
120.	trnD(guc)	trnD-GUC	1	1	PHAP
121.	trnE(uuc)	trnE-UUC	1	1	PHAP
122.	trnF(gaa)	trnF-GAA	1	1	PHAP
123.	trnM(cau)	trnM-CAU	1	1	PHAP
124.	trnG(gcc)	trnG-GCC	1	1	PHAP
125.	trnG(ucc)	trnG-UCC	1	1	PHAP
126.	trnH(gug)	trnH-GUG	2	1	PHAP
127.	trnI (GAU) intron	trnI-GAU	1	1	LOMO
128.	trnI(gau)	trnI-GAU	1	1	PHAP
129.	trnK(uuu)	trnK-UUU	1	1	PHAP

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130.	trnL(caa)	trnL-CAA	2	1	PHAP
131.	trnL(uaa)	trnL-UAA	1	1	PHAP
132.	trnL(uag)	trnL-UAG	1	1	PHAP
133.	trnM(cau)	trnM-CAU	1	1	PHAP
134.	trnN(guu)	trnN-GUU	2	1	PHAP
135.	trnP(ugg)	trnP-UGG	1	1	PHAP
136.	trnQ(uug)	trnQ-UUG	1	1	PHAP
137.	trnR(acg)	trnR-ACG	3	1	PHAP
138.	trnR(ucu)	trnR-UCU	1	1	PHAP
139.	trnS(gcu)	trnS-GCU	1	1	PHAP
140.	trnS(gga)	trnS-GGA	1	1	PHAP
141.	trnS(uga)	trnS-UGA	1	1	PHAP
142.	trnT(GGU)	trnT-GGU	1	1	PHAP
143.	trnT(ugu)	trnT-UGU	1	1	PHAP
144.	trnV(gac)	trnV-GAC	2	1	PHAP
145.	trnV(uac)	trnV-UAC	1	1	PHAP
146.	trnV-GAC	trnV-GAC	1	1	SAYU
147.	trnW(cca)	trnW-CCA	1	1	PHAP
148.	trnY(gua)	trnY-GUA	1	1	PHAP
149.	Ycf1-like protein	ycf1	1	1	GYCO
150.	ycf2 5' fragment	ycf2	1	1	HYVI

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151.	ycf7	petL	1	1	AMTR