

Supplementary Table S1. cpSSR candidates in the *Capsicum chinense* chloroplast genome.

No.	SSR type	SSR	size	start	end	Location	Region
1	tri	(TAT)3	9	189	197	<i>trnH-GUG-psbA</i>	Intergenic
2	tri	(AAG)3	9	3037	3045	<i>matK</i>	Genic
3	di	(AC)4	8	3958	3965	<i>matK-trnK-UUU</i>	Intergenic
4	di	(AT)4	8	6518	6525	<i>rps16-trnQ-UUG</i>	Intergenic
5	di	(AT)4	8	7486	7493	<i>rps16-trnQ-UUG</i>	Intergenic
6	tetra	(TTTG)3	12	7609	7620	<i>trnQ-UUG-psbK</i>	Intergenic
7	di	(AT)5	10	10417	10426	<i>trnR-UCU-atpA</i>	Intergenic
8	tri	(AAC)3	9	15329	15337	<i>atpI</i>	Genic
9	tri	(TTA)3	9	16154	16162	<i>atpI-rps2</i>	Intergenic
10	tri	(AGA)3	9	19228	19236	<i>rpoC2</i>	Genic
11	tri	(TTC)3	9	22744	22752	<i>rpoC1</i>	Genic
12	tri	(ATT)3	9	24216	24224	<i>rpoC1</i>	Genic
13	di	(AG)4	8	27980	27987	<i>rpoB-trnC-GCA</i>	Intergenic
14	di	(AT)4	8	28255	28262	<i>rpoB-trnC-GCA</i>	Intergenic
15	tri	(ATT)3	9	28316	28324	<i>rpoB-trnC-GCA</i>	Intergenic
16	tri	(AAG)3	9	29941	29949	<i>petN-psbM</i>	Intergenic
17	tetra	(CTAT)3	12	30581	30592	<i>petN-psbM</i>	Intergenic
18	tri	(TCG)3	9	30977	30985	<i>psbM-trnD-GUC</i>	Intergenic
19	tri	(TAG)3	9	32439	32447	<i>trnE-UUC-trnT-GGU</i>	Intergenic
20	tri	(GTT)3	9	34507	34515	<i>psbD</i>	Genic
21	tri	(TTC)4	12	36552	36563	<i>psbD-psbC</i>	Intergenic
22	di	(GA)4	8	36911	36918	<i>trnS-UGA</i>	Genic
23	tri	(TCT)3	9	38607	38615	<i>rps14</i>	Genic
24	tri	(TGG)3	9	39839	39847	<i>psaB</i>	Genic
25	di	(AG)4	8	42617	42624	<i>psaA</i>	Genic
26	di	(TA)5	10	43660	43669	<i>psaA-ycf3</i>	Intergenic
27	tetra	(ATAA)4	16	43783	43798	<i>psaA-ycf3</i>	Intergenic
28	di	(CT)5	10	44733	44742	<i>ycf3-ycf3</i>	Intergenic
29	tri	(GTA)3	9	46255	46263	<i>ycf3-trnS-GGA</i>	Intergenic
30	tri	(GTA)3	9	46270	46278	<i>ycf3-trnS-GGA</i>	Intergenic
31	tri	(TTG)3	9	46494	46502	<i>ycf3-trnS-GGA</i>	Intergenic
32	di	(TA)5	10	48178	48187	<i>rps4-trnT-UGU</i>	Intergenic
33	di	(AT)4	8	48705	48712	<i>trnT-UGU-trnL-UAA</i>	Intergenic
34	di	(AT)4	8	49768	49775	<i>trnL-UAA-trnF-GAA</i>	Intergenic
35	tetra	(AATT)3	12	52959	52970	<i>ndhC-trnV-UAC</i>	Intergenic
36	tri	(TTA)3	9	53195	53203	<i>ndhC-trnV-UAC</i>	Intergenic

37	tri	(AAT)3	9	53727	53735	<i>ndhC~trnV-UAC</i>	Intergenic
38	tri	(TTA)4	12	53837	53848	<i>trnV-UAC~trnV-UAC</i>	Intergenic
39	tri	(ATA)3	9	56840	56848	<i>atpE~atpB</i>	Intergenic
40	tetra	(AAAT)3	12	56855	56866	<i>atpB~rbcL</i>	Intergenic
41	di	(TA)4	8	57455	57462	<i>atpB~rbcL</i>	Intergenic
42	tri	(TTG)3	9	57619	57627	<i>atpB~rbcL</i>	Intergenic
43	tri	(GCT)3	9	59030	59038	<i>rbcL</i>	Genic
44	tri	(TAT)3	9	59695	59703	<i>rbcL~accD</i>	Intergenic
45	tri	(TAA)3	9	59718	59726	<i>rbcL~accD</i>	Intergenic
46	tri	(GTG)3	9	60470	60478	<i>accD</i>	Genic
47	tri	(TAA)3	9	62142	62150	<i>accD~psaI</i>	Intergenic
48	di	(AT)4	8	65110	65117	<i>petA</i>	Genic
49	tri	(CAG)3	9	65666	65674	<i>petA</i>	Genic
50	tri	(TTG)3	9	68061	68069	<i>psbE~petL</i>	Intergenic
51	tri	(TTC)3	9	68332	68340	<i>psbE~petL</i>	Intergenic
52	tri	(CCT)3	9	69299	69307	<i>petG~tmW-CCA</i>	Intergenic
53	di	(TA)4	8	70988	70995	<i>rpl33~rps18</i>	Intergenic
54	tetra	(AAAC)3	12	71111	71122	<i>rpl33~rps18</i>	Intergenic
55	tri	(AAC)3	9	71293	71301	<i>rps18</i>	Genic
56	di	(AT)4	8	72432	72439	<i>rpl20~rps12</i>	Intergenic
57	tri	(ATG)3	9	73068	73076	<i>rps12~clpP</i>	Intergenic
58	tri	(TTG)3	9	76398	76406	<i>psbB</i>	Genic
59	tri	(TCT)3	9	77031	77039	<i>psbB</i>	Genic
60	tri	(AAG)3	9	80083	80091	<i>petD~petD</i>	Intergenic
61	di	(AT)5	10	80371	80380	<i>petD~petD</i>	Intergenic
62	di	(TA)4	8	81297	81304	<i>rpoA</i>	Genic
63	tri	(TGC)3	9	82428	82436	<i>rps11</i>	Genic
64	tri	(TAT)3	9	84029	84037	<i>rpl14</i>	Genic
65	di	(AT)4	8	84924	84931	<i>rpl16~rpl16</i>	Intergenic
66	tri	(TAT)3	9	85060	85068	<i>rpl16~rpl16</i>	Intergenic
67	tri	(TGC)3	9	86869	86877	<i>rps3~rpl22</i>	Intergenic
68	tri	(CTT)3	9	87519	87527	<i>rpl2</i>	Genic
69	tri	(GAT)3	9	87983	87991	<i>rpl2~rpl2</i>	Intergenic
70	di	(TA)4	8	88010	88017	<i>rpl2~rpl2</i>	Intergenic
71	di	(AT)5	10	88045	88054	<i>rpl2~rpl2</i>	Intergenic
72	di	(GA)4	8	89843	89850	<i>ycf2</i>	Genic
73	di	(GA)4	8	90830	90837	<i>ycf2</i>	Genic
74	tri	(TCT)3	9	93737	93745	<i>ycf2</i>	Genic
75	tri	(CTT)3	9	93843	93851	<i>ycf2</i>	Genic

76	tri	(GAA)3	9	95579	95587	<i>ycf2</i>	Genic
77	di	(TA)4	8	96398	96405	<i>ycf2</i>	Genic
78	di	(AT)4	8	97531	97538	<i>trnL-CAA~ndhB</i>	Intergenic
79	di	(AG)4	8	98255	98262	<i>ndhB</i>	Genic
80	tri	(AGA)3	9	98550	98558	<i>ndhB</i>	Genic
81	tri	(AGA)3	9	99988	99996	<i>ndhB</i>	Genic
82	di	(TA)4	8	101996	102003	<i>rps12~trnV-GAC</i>	Intergenic
83	tri	(CTC)3	9	105639	105647	<i>trnI-GAU~trnI-GAU</i>	Intergenic
84	tri	(CTG)3	9	107486	107494	<i>rrn23</i>	Genic
85	di	(CT)4	8	109052	109059	<i>rrn23</i>	Genic
86	tri	(CAA)3	9	112529	112537	<i>ycf1</i>	Genic
87	di	(AG)4	8	113108	113115	<i>ycf1</i>	Genic
88	tri	(ATT)3	9	113925	113933	<i>ycf1~ndhF</i>	Intergenic
89	tri	(AAT)3	9	114343	114351	<i>ycf1~ndhF</i>	Intergenic
90	tri	(TAA)3	9	114840	114848	<i>ycf1~ndhF</i>	Intergenic
91	tri	(TTC)3	9	122669	122677	<i>ndhA</i>	Genic
92	di	(TC)4	8	123223	123230	<i>ndhA~ndhA</i>	Intergenic
93	di	(AT)4	8	123891	123898	<i>ndhA~ndhA</i>	Intergenic
94	tri	(TAA)3	9	126155	126163	<i>rps15~ycf1</i>	Intergenic
95	tri	(TTA)3	9	128577	128585	<i>ycf1</i>	Genic
96	di	(CT)4	8	130492	130499	<i>ycf1</i>	Genic
97	tri	(TTA)5	15	131076	131090	<i>ycf1</i>	Genic
98	di	(CT)4	8	131152	131159	<i>ycf1</i>	Genic
99	tri	(TTG)3	9	131730	131738	<i>ycf1</i>	Genic
100	di	(AG)4	8	135208	135215	<i>rrn23</i>	Genic
101	tri	(CAG)3	9	136773	136781	<i>rrn23</i>	Genic
102	tri	(GAG)3	9	138620	138628	<i>trnI-GAU~trnI-GAU</i>	Intergenic
103	di	(TA)4	8	142264	142271	<i>trnV-GAC~rps12</i>	Intergenic
104	tri	(TTC)3	9	144270	144278	<i>ndhB</i>	Genic
105	tri	(TCT)3	9	145709	145717	<i>ndhB</i>	Genic
106	di	(CT)4	8	146005	146012	<i>ndhB</i>	Genic
107	di	(AT)4	8	146729	146736	<i>ndhB~trnL-CAA</i>	Intergenic
108	di	(TA)4	8	147862	147869	<i>ycf2</i>	Genic
109	tri	(TTC)3	9	148680	148688	<i>ycf2</i>	Genic
110	tri	(AAG)3	9	150416	150424	<i>ycf2</i>	Genic
111	tri	(AGA)3	9	150522	150530	<i>ycf2</i>	Genic
112	di	(TC)4	8	153430	153437	<i>ycf2</i>	Genic
113	di	(TC)4	8	154417	154424	<i>ycf2</i>	Genic
114	di	(AT)5	10	156213	156222	<i>rpl2~rpl2</i>	Intergenic

115	di	(AT) ⁴	8	156249	156256	<i>rpl2~rpl2</i>	Intergenic
116	tri	(ATC) ³	9	156276	156284	<i>rpl2~rpl2</i>	Intergenic
117	tri	(GAA) ³	9	156739	156747	<i>rpl2</i>	Genic

Supplementary Table S2. SNPs in the *Capsicum chinense* chloroplast genome

No	AlignPos	<i>C. chinense</i>	True_pos	<i>C. annuum</i> (JX270811)	True_pos	Location	Region
1	4257	G	4249	C	4240	<i>matK~trnK-UUU</i>	Intergenic
2	4502	A	4494	C	4485	<i>trnK-UUU~rps16</i>	Intergenic
3	4879	G	4860	T	4850	<i>trnK-UUU~rps16</i>	Intergenic
4	6851	A	6754	G	6765	<i>rps16~trnQ-UUG</i>	Intergenic
5	7096	C	6999	T	7009	<i>rps16~trnQ-UUG</i>	Intergenic
6	7340	A	7243	T	7253	<i>rps16~trnQ-UUG</i>	Intergenic
7	9195	A	9090	T	9100	<i>trnS-GCU~trnG-UCC</i>	Intergenic
8	9459	C	9336	A	9364	<i>trnS-GCU~trnG-UCC</i>	Intergenic
9	13259	T	13112	G	13133	<i>atpF~atpF</i>	Intergenic
10	13632	C	13485	T	13506	<i>atpF~atpH</i>	Intergenic
11	13669	C	13522	T	13543	<i>atpF~atpH</i>	Intergenic
12	17191	T	17044	C	17057	<i>rps2~rpoC2</i>	Intergenic
13	19860	T	19713	C	19726	<i>rpoC2</i>	Genic
14	25887	T	25740	C	25753	<i>rpoB</i>	Genic
15	29026	G	28879	T	28892	<i>trnC-GCA~petN</i>	Intergenic
16	31840	A	31691	G	31704	<i>psbM~trnD-GUC</i>	Intergenic
17	33363	C	33209	A	33212	<i>trnT-GGU~psbD</i>	Intergenic
18	37816	A	37649	C	37665	<i>psbZ~trnG-GCC</i>	Intergenic
19	41555	C	41388	T	41404	<i>psaA</i>	Genic
20	44261	C	44037	G	44088	<i>psaA~ycf3</i>	Intergenic
21	49938	G	49712	A	49759	<i>trnL-UAA~trnF-GAA</i>	Intergenic
22	52943	C	52717	T	52750	<i>ndhC~trnV-UAC</i>	Intergenic
23	53137	A	52911	C	52944	<i>ndhC~trnV-UAC</i>	Intergenic
24	53588	G	53362	T	53395	<i>ndhC~trnV-UAC</i>	Intergenic
25	53612	C	53386	T	53419	<i>ndhC~trnV-UAC</i>	Intergenic
26	54001	A	53768	C	53797	<i>ndhC~trnV-UAC</i>	Intergenic
27	58316	A	58082	G	58111	<i>rbcL</i>	Genic
28	58562	A	58328	G	58357	<i>rbcL</i>	Genic
29	58848	G	58614	C	58643	<i>rbcL</i>	Genic
30	59560	A	59326	T	59343	<i>rbcL~accD</i>	Intergenic
31	60105	A	59871	C	59888	<i>rbcL~accD</i>	Intergenic
32	64284	T	64007	C	64060	<i>ycf4~cemA</i>	Intergenic
33	64446	A	64169	G	64222	<i>cemA</i>	Genic
34	65941	C	65646	G	65699	<i>petA</i>	Genic
35	65947	G	65652	A	65705	<i>petA</i>	Genic
36	65952	A	65657	C	65710	<i>petA</i>	Genic

37	65998	A	65703	C	65756	<i>petA</i>	Genic
38	66137	G	65842	A	65895	<i>petA</i>	Genic
39	66265	C	65970	T	66023	<i>petA</i>	Genic
40	66350	G	66055	G	66108	<i>petA~psbJ</i>	Intergenic
41	68357	G	68054	A	68106	<i>psbE~petL</i>	Intergenic
42	68392	T	68089	G	68141	<i>psbE~petL</i>	Intergenic
43	68493	T	68190	A	68239	<i>psbE~petL</i>	Intergenic
44	68542	G	68239	T	68288	<i>psbE~petL</i>	Intergenic
45	68871	T	68568	C	68617	<i>psbE~petL</i>	Intergenic
46	69193	A	68890	T	68930	<i>petL</i>	Genic
47	71338	A	71033	T	71071	<i>rpl33~rps18</i>	Intergenic
48	71741	T	71436	C	71474	<i>rps18~rpl20</i>	Intergenic
49	73512	T	73206	G	73231	<i>clpP</i>	Genic
50	82764	G	82452	C	82467	<i>rps11</i>	Genic
51	85226	C	84896	A	84920	<i>rpl16~rpl16</i>	Intergenic
52	87409	G	87062	T	87103	<i>rpl22~rps19</i>	Intergenic
53	87749	C	87402	T	87443	<i>rps19~rpl2</i>	Intergenic
54	92531	T	92174	G	92180	<i>ycf2</i>	Genic
55	97629	G	97272	C	97265	<i>ycf15~trnL-CAA</i>	Intergenic
56	109212	G	108854	T	108836	<i>rrn23</i>	Genic
57	114226	C	113867	T	113839	<i>ndhF</i>	Genic
58	114392	C	114033	A	114005	<i>ndhF</i>	Genic
59	115109	G	114750	A	114722	<i>ndhF</i>	Genic
60	116164	A	115798	G	115770	<i>rpl32</i>	Genic
61	116298	C	115932	A	115903	<i>rpl32~trnL-UAG</i>	Intergenic
62	120870	G	120499	A	120402	<i>ndhE</i>	Genic
63	121754	A	121383	C	121286	<i>ndhG~ndhI</i>	Intergenic
64	122060	A	121689	C	121592	<i>ndhG~ndhI</i>	Intergenic
65	122109	T	121738	C	121641	<i>ndhI</i>	Genic
66	123067	G	122696	A	122599	<i>ndhA</i>	Genic
67	123456	T	123085	A	122988	<i>ndhA~ndhA</i>	Intergenic
68	123613	C	123242	A	123145	<i>ndhA~ndhA</i>	Intergenic
69	124014	A	123642	G	123544	<i>ndhA~ndhA</i>	Intergenic
70	124318	G	123939	T	123848	<i>ndhA~ndhA</i>	Intergenic
71	125545	G	125166	C	125075	<i>ndhH</i>	Genic
72	126626	T	126247	A	126156	<i>rps15~ycf1</i>	Intergenic
73	128576	T	128197	C	128106	<i>ycf1</i>	Genic
74	129342	G	128963	G	128872	<i>ycf1</i>	Genic
75	129609	C	129230	G	129139	<i>ycf1</i>	Genic

76	130652	T	130273	C	130182	<i>ycf1</i>	Genic
77	130731	G	130352	C	130261	<i>ycf1</i>	Genic
78	135799	C	135413	A	135312	<i>rm23</i>	Genic
79	147382	C	146995	G	146883	<i>tmL-CAA~ycf15</i>	Intergenic
80	152480	A	152093	C	151968	<i>ycf2</i>	Genic
81	157257	A	156860	G	156700	<i>rpl2</i>	Genic
82	157262	G	156865	A	156705	<i>rpl2</i>	Genic

Supplementary Table S3. InDels in the *Capsicum chinense* chloroplast genome

No	AlignPos	<i>C. chinense</i>	True_Pos	<i>C. annuum</i> (JX270811)	True_Pos	Location	Region
1	247	AT	247	A	247	<i>trnH-GUG~psbA</i>	Intergenic
2	366	A	365	AATAAATG	364	<i>trnH-GUG~psbA</i>	Intergenic
3	461	AAAATAACTAAA TA	453	A	459	<i>trnH-GUG~psbA</i>	Intergenic
4	3827	CTT	3819	C	3812	<i>matK~trnK-UUU</i>	Intergenic
5	4698	TA	4680	T	4671	<i>trnK-UUU~rps16</i>	Intergenic
6	5109	CCT	5085	CC	5075	<i>trnK-UUU~rps16</i>	Intergenic
7	6481	A	6457	ATTAATACA TAT	6446	<i>rps16~trnQ-UUG</i>	Intergenic
8	6556	T	6470	TATATTTATT AA	6470	<i>rps16~trnQ-UUG</i>	Intergenic
9	6970	TA	6873	T	6884	<i>rps16~trnQ-UUG</i>	Intergenic
10	8445	TTTCT	8347	TAGAA	8357	<i>psbK~psbI</i>	Intergenic
11	9392	G	9287	GTTATGATTT TAGTGGTTT	9297	<i>trnS-GCU~trnG-UCC</i>	Intergenic
12	10089	CT	9966	C	9994	<i>trnG-UCC~trnG-UCC</i>	Intergenic
13	10449	GAAAAAA	10303	GAA	10330	<i>trnG-UCC~trnR-UCU</i>	Intergenic
14	12791	CT	12645	C	12668	<i>atpF~atpF</i>	Intergenic
15	12930	CT	12784	C	12806	<i>atpF~atpF</i>	Intergenic
16	14698	TA	14551	T	14572	<i>atpH~atpI</i>	Intergenic
17	14866	AAAAAA	14719	AATTTT	14739	<i>atpH~atpI</i>	Intergenic
18	14995	TCTTATA	14848	T	14868	<i>atpH~atpI</i>	Intergenic
19	15161	CT	15014	C	15028	<i>atpH~atpI</i>	Intergenic
20	30096	G	29949	GT	29962	<i>petN~psbM</i>	Intergenic
21	31715	GT	31567	G	31581	<i>psbM~trnD-GUC</i>	Intergenic
22	32536	A	32387	AATTAT	32400	<i>trnE-UUC~trnT-GGU</i>	Intergenic
23	32638	ATTTCGATTATTT TAG	32484	A	32502	<i>trnE-UUC~trnT-GGU</i>	Intergenic
24	36914	TCT	36760	TTC	36763	<i>psbC~trnS-UGA</i>	Intergenic
25	36925	T	36771	TTCAACTCAT TTTA	36774	<i>psbC~trnS-UGA</i>	Intergenic
26	38259	CTAAA	38092	CGGCT	38108	<i>trnG-GCC~trnJm-CAU</i>	Intergenic
27	43921	AT	43754	A	43770	<i>psaA~ycf3</i>	Intergenic
28	43925	TTTAA	43758	TTTAATT	43773	<i>psaA~ycf3</i>	Intergenic
29	43947	A	43776	ATTTAATTT TAATATAAA TAAATAATT TTAATAT	43793	<i>psaA~ycf3</i>	Intergenic
30	44001	ATTA	43777	ATTA	43828	<i>psaA~ycf3</i>	Intergenic
31	44535	TCTATCTAATCA GATTTCATGG AT	44311	TCTATCTAAT CAGATTCTC ATGGAT	44362	<i>ycf3~ycf3</i>	Intergenic
32	46043	AT	45818	A	45869	<i>ycf3~ycf3</i>	Intergenic
33	46119	TA	45894	T	45944	<i>ycf3~ycf3</i>	Intergenic

34	46374	TTA	46149	T	46198	<i>ycf3~trnS-GGA</i>	Intergenic
35	46378	AGA	46152	AAG	46199	<i>ycf3~trnS-GGA</i>	Intergenic
36	49946	CTTTTAGA	49720	CTTTTAGA	49767	<i>trnL-UAA~trnF-GAA</i>	Intergenic
37	50157	AATTGACAAAGA CCT	49931	A	49978	<i>trnL-UAA~trnF-GAA</i>	Intergenic
38	50252	GAACTGAGTAAC AAGCAGAG	50026	GAACTGAGT AACAAGCAG AA	50059	<i>trnL-UAA~trnF-GAA</i>	Intergenic
39	53760	CTTTT	53527	C	53560	<i>ndhC~trnV-UAC</i>	Intergenic
40	54171	A	53938	AT	53967	<i>trnV-UAC~trnV-UAC</i>	Intergenic
41	57651	CAA	57417	CA	57447	<i>atpB~rbcL</i>	Intergenic
42	59343	CATTAGCAGATA A	59109	C	59138	<i>rbcL~accD</i>	Intergenic
43	60850	AA	60616	AATGGCAGT GATTAACT AT	60633	<i>accD</i>	Genic
44	61850	A	61598	AAGTAAATA AGATAAT	61633	<i>accD~psaI</i>	Intergenic
45	62145	T	61878	TAAA	61928	<i>accD~psaI</i>	Intergenic
46	66373	TA	66078	T	66131	<i>petA~psbJ</i>	Intergenic
47	68445	AAA	68142	ATG	68194	<i>psbE~petL</i>	Intergenic
48	68448	AAT	68145	A	68197	<i>psbE~petL</i>	Intergenic
49	68451	AGAA	68148	AATT	68198	<i>psbE~petL</i>	Intergenic
50	68490	AT	68187	A	68237	<i>psbE~petL</i>	Intergenic
51	68964	TTCTTTTATA	68661	T	68710	<i>psbE~petL</i>	Intergenic
52	69432	CT	69129	C	69169	<i>petL~petG</i>	Intergenic
53	70293	TAT	69990	TA	70029	<i>trnP-UGG~psaJ</i>	Intergenic
54	71972	TCCGGTAAAGCC TCCGGTAAAGCC TCCGGTAAAGAC T	71667	TCCGGTAAA GCCTCCGGT AAAGACT	71705	<i>rpl20</i>	Genic
55	73085	GT	72779	G	72805	<i>rpl20~rps12</i>	Intergenic
56	74046	ATAT	73739	AATA	73764	<i>clpP~clpP</i>	Intergenic
57	74210	GA	73903	G	73928	<i>clpP~clpP</i>	Intergenic
58	75063	C	74754	CT	74778	<i>clpP~clpP</i>	Intergenic
59	75902	CCAATG	75590	C	75615	<i>clpP~psbB</i>	Intergenic
60	77512	CT	77200	C	77220	<i>psbB~psbT</i>	Intergenic
61	78822	GTTTT	78510	G	78529	<i>petB~petB</i>	Intergenic
62	80284	CTT	79972	CAA	79987	<i>petD~petD</i>	Intergenic
63	84593	T	84273	TATTTGAAT GC	84288	<i>rpl14~rpl16</i>	Intergenic
64	84624	GA	84294	G	84319	<i>rpl14~rpl16</i>	Intergenic
65	86215	C	85885	CCTTGATTG ATTAGAAA	85909	<i>rpl16~rps3</i>	Intergenic
66	87753	T	87406	TCTTA	87447	<i>rps19~rpl2</i>	Intergenic
67	88567	AT	88216	A	88261	<i>rpl2~rpl2</i>	Intergenic
68	89746	TGTATTCATATA TTATGATATGAA TATACCACATCA	89395	T	89439	<i>rpl23~trnI-CAU</i>	Intergenic

ATTCGTTAT							
69	91439	T	91088	TTGGGAT	91088	<i>ycf2</i>	Genic
70	97554	CCATTCATTAGA TA	97197	C	97203	<i>ycf15~tmL-CAA</i>	Intergenic
71	100660	CTTTCGTTTCCT	100303	C	100296	<i>ndhB~rps7</i>	Intergenic
72	102505	CT	102148	C	102130	<i>rps12~tmV-GAC</i>	Intergenic
73	103871	A	103514	AG	103495	<i>tmV-GAC~rm16</i>	Intergenic
74	111125	GA	110767	GAA	110749	<i>rrn5~trnR-ACG</i>	Intergenic
75	111150	TCAAAAAGAAAAA T	110791	TA	110774	<i>rrn5~trnR-ACG</i>	Intergenic
76	111984	TCTTT	111625	TCTTT	111597	<i>trnR-ACG~trnN-GUU</i>	Intergenic
77	116165	GT	115799	G	115771	<i>rpl32</i>	Genic
78	116304	CATATTTGATAT TGATTAGTGAGC TAATCAATATGT AATGGAACTCTA GTCGCTTTTCTG ATTGATATAGAA A	115938	C	115909	<i>rpl32~tmL-UAG</i>	Intergenic
79	116835	A	116468	AAAAT	116367	<i>rpl32~tmL-UAG</i>	Intergenic
80	123657	TC	123285	T	123188	<i>ndhA~ndhA</i>	Intergenic
81	124258	T	123886	TTAAAATA	123788	<i>ndhA~ndhA</i>	Intergenic
82	133848	GATTTTTCTTTG	133463	GT	133372	<i>trnR-ACG~rm5</i>	Intergenic
83	133868	AT	133483	ATT	133381	<i>trnR-ACG~rm5</i>	Intergenic
84	141133	G	140747	GC	140646	<i>rm16~tmV-GAC</i>	Intergenic
85	142497	TA	142110	T	142010	<i>tmV-GAC~rps12</i>	Intergenic
86	144331	CAAACGAAAAG G	143944	C	143843	<i>rps7~ndhB</i>	Intergenic
87	147443	CTATCTAATGAA TG	147056	C	146944	<i>tmL-CAA~ycf15</i>	Intergenic
88	153559	G	153172	GATCCCA	153047	<i>ycf2</i>	Genic
89	155182	GAATTGATGTGG TATATTCATATC ATAATATATGAA TACATAACG	154789	G	154670	<i>trnI-CAU~rpl23</i>	Intergenic
90	156438	GA	156045	G	155882	<i>rpl2~rpl2</i>	Intergenic
91	157250	A	156857	AAAAT	156693	<i>rpl2</i>	Genic
92	157333	A	156936	AAGCTT	156776	<i>rpl2</i>	Genic