

Supplemental file 3 Plastid microsatellite (SSR) primer pairs designation, their location, primer sequences, annealing temperature (T_m), expected allele size for each locus and detected polymorphism

№	Locus name ^a	Location	Repeat	Sequence 5'-3'		T ^o m	PIC	Number of alleles	Fragment size, bp		Expected size, bp
									MIN	MAX	
1	STCP1	<i>trnH/ psbA</i>	A ₁₁	F	tgcaagcaaataccctctct	56	0.894	12	114	125	118
				R	caaaaaggtgctattgctcct						
2	STCP2	<i>rps16/ trnQ</i>	T ₁₃	F	agttcccctctcgacatcatta	56	0.577	8	89	126	125
				R	ccccattctttggattttatca						
3	STCP3	<i>psbK/ psbI</i>	T ₁₀	F	taggatatgcatggatgat	56	0.640	3	87	89	87
				R	cgaagagtttgagagtaagca						
4	STCP4	<i>trnE/ trnT</i>	T ₁₄	F	ttctagccgagggatcttt	56	0.685	11	169	186	171
				R	gaattgtttcaagaccgactc						
5	STCP5	<i>petL/ petG</i>	T _{9..A₁₀}	F	tgtcaattcttgttcattgtc	53	0.672	5	168	172	170
				R	tacgaataatccagccaaag						
6	STCP6	<i>rpl20/ rps12</i>	T ₁₁	F	tacaccaacggaaaccataaa	58	0.595	5	94	98	96
				R	ggataggatggaagaaggaact						
7	STCP7	<i>clpP/ psbB</i>	T ₁₀	F	actttgaggtggaacgtaa	55	0.654	4	125	128	126
				R	tgagtttattcattctgtctttc						
8	STCP9	<i>rps19/ rpl2</i>	T _{8..T₉..T₁₀}	F	ttttctgcttttgtgttaag	53	0.208	3	187	189	188
				R	atagtgataatttgattcttcg						
9	STCP10	<i>ndhF/ rpl32</i>	A ₁₀	F	aaagataccagtcaatagagaa	56	0.658	7	174	183	177
				R	ctaatagtgtcctcctcaaata						
10	STCP11	<i>ndhA intron</i>	A ₁₀	F	attgaattataggaaagaaaga	52	0.097	4	113	137	136
				R	aggagaataggaaatgaaataa						
11	STCP12	<i>rpl2/ trnH</i>	A _{10..A₉..A₈}	F	cgtcgccgtagtaaatagga	53	0.240	6	187	193	192
				R	cgttcgcccataattcataa						
12	STCP13	<i>rpl2/ trnH</i>	A _{10..A₉}	F	gccgtagtaaataggagagaaa	55	0.220	3	127	129	128
				R	aataaatgattggctacaaagg						

13	NTCP6	<i>rps16/ trnQ</i>	A ₁₀	F	gattctttcgtatctcgattc	58	0.769	8	126	176	173
				R	ggttcgaatccttccgtc						
14	NTCP12	<i>rps2/ rpoC2</i>	T ₈ .A ₁₃	F	cctccatcatctcttccaa	58	0.769	6	124	129	125
				R	atattttcagttcagggttcc						
15	NTCP14	<i>psbM/ trnD</i>	T ₉	F	aatccgtagccagaaaaataaa	58	0.623	8	148	155	149
				R	ccgatgcatgtaatggaatc						
Total								93			
Average							0.553	6.2			

^aThe STCP primers are designed by us and the NTCP primers are from Bryan et al. (1999)