

Table S1. Attributes of 20 microsatellite loci in this study.

Locus	Primer sequence (5'-3')	Repeat motif	GenBank accession No	Product size range (bp)	Allele number	
					Open-pollination	Self-pollination
SSR1	F:CAATCAGCCAAGTTGTACAGGC	(AT)8(AG)18	AB757708	332-362	14	2
	R:CATACCTTAGCAAAGCCCTCAGC		AB757709			
SSR2	F:TGAAATTGCGTTGTACCGAAGG	(GA)13	AB749554	261-289	12	2
	R:TAACGAGACGAGCGACAATCTCC		AB749555			
SSR3	F:GATCCTCTGGTACTTGGTGCCC	(AT)9	AB749556	163-179	5	1
	R:TGCAAAGTCATGTCATCTCTGGC		AB749557			
SSR4	F:TGAATGGACTGCCACAAATTCC	(AG)11	AB749550	277-299	7	1
	R:TTCTTTGCAGGAAAGCCAACAAG		AB749551			
SSR5	F:CTTAAGATAGCAGCGGGAATGG	(CT)11	AB749562	246-264	8	2
	R:CTTGCTCGATTTCTTGCATCTGG		AB749563			
SSR7	F:AAGAGAAGAGGAGGAGGTCCAAG	(AG)9	AB749570	258-270	5	2
	R:CAGGAGCAGGTGCAGTAGCATTC		AB749571			
SSR8	F:ATTATCCGAGGCAGATACGCAC	(GGA)10	AB749572	332-341	4	1
	R:CTTCTCCGTATTTGATCCATCGC		AB749573			
SSR9	F:GAGCCGTGAAGAACGAAGGTCTC	(GAA)12	AB749574	249-267	6	2
	R:ACGATCGGATTGTCTCAGAAACG		AB749575			
SSR10	F:TGATCTTGGCATGTCAGTCTGG	(AT)9	AB749576	121-145	7	1
	R:TGTCTGTCTGCCTGCAGTTATGC		AB749577			
SSR11	F:TCATCAGCCTCAGTTTGTACTTGC	(AT)9	AB749584	335-375	14	2
	R: GCAATCATGGGCTCTCTGCAC		AB749585			
SSR12	F:AATGCGACTTGCAAATTTCTGG	(AGA)10	AB749582	225-246	5	1
	R:CGAATTCCTCAATCACTTGGCTG		AB749583			
SSR13	F:GCGGCCATTTATATCATCTTC	(GAA)9	AB749588	106-115	4	2

	R:CACGCCTGTAATTCATCTCCGTC		AB749589			
	F:GGTACTGCGAATCTTCAAATCC		AB749580			
SSR14	R:TGTTCAAGAAAGGAAGCAAACGG	(TC)9	AB749581	266-292	7	1
	F:TTTGGGACCTTATGGAGGTGGAG		AB749602			
SSR15	R:AAACCACCAGGTTGAGAAGCAGC	(GGA)9	AB749603	123-144	5	2
	F:TTTCGGCTCTCCGACTCCTTAAC		AB749594			
SSR16	R:AGAATCGCGTCCAGAACACAGAG	(CT)11	AB749595	118-132	5	2
	F:TCCAGGAGTCTGTGAATCCGAAG		AB749600			
SSR17	R:CAGTACCAATTCAACCCAGCAGC	(CTG)9	AB749601	216-222	3	2
	F:TCAAGAAGTTCCGCCATTGAGAG		AB749590			
SSR18	R:CCCATGAGGATTCAGAAACATGC	(CTT)10	AB749591	337-349	5	2
	F:TTAATGGTGCAAGGTGGAATTGG		AB749592			
SSR19	R:TTGAATCCCACTGATCACACTGC	(GAA)10	AB749593	264-270	3	1
	F:CTGTTTGTACATTGGCCTCGAC		AB749596			
SSR20	R:TCACAAACCACTGTGCTGGAATG	(CTC)9	AB749597	120-129	3	2
	F:GTTGGGATGTCATCAAGATTGG		AB749598			
SSR21	R:TGAAAGAGGCGGAAATTGGTAGG	(TC)11	AB749599	208-256	10	2
Total					132	33
Mean					6.6	1.7

F indicates forward primer; R indicates reverse primer.