

Table 1 SSR primers related specific genes between female & male flowers of chestnut

Primer No.		Primer sequence (5'-3')	Repeat type	Optimal annealing Temperature (°C)
S1	F	GATTGCTGGCGATCGTTATT	Perfect	51.2
	R	ACTTGTGAACCCAAAGCACC	(TA) ₉	
S2	F	TTGATTCCCTGAGGATGGAG	Perfect	51.2
	R	GGTTGTTGCAAAGCCATTCT	(TGA) ₅	
S3	F	GTGGGAACAAGAAGAAGCCA	Perfect	49.2
	R	AAGTCATTTTGCATGGAGCA	(AGA) ₅	
S4	F	GAACACGATCAAGAAGTTCCG	Perfect	52.5
	R	TCTCTCTGTGGCTGTTGTGG	(AGA) ₅	
S5	F	GGCAATGAGCTTGAGCTTAGA	Perfect	52.5
	R	TTGATTACATCAGTACATCTCCTTCC	(AT) ₈	
S6	F	CTCATGCATGCAAGCACTTT	Perfect	51.2
	R	TGCATTGTGTTACCTTCCCA	(TTA) ₅	
S7	F	TGACAGAAATGGCGGATAAA	Perfect	49.2
	R	CACAGGTGGCTCTCAAGTCA	(AAG) ₅	
S8	F	CCCAATGAACAAATTCTGGG	Perfect	51.2
	R	GCTGTGGCATCATCATCATC	(GAT) ₆	
S9	F	CGAATGCGAGATTGGATGTA	Perfect	51.2
	R	CGTTGATCAATTTACGTGCC	(ATG) ₅	
S10	F	CCAAGGAGGTTTGCAAGGTA	Perfect	52.5
	R	GGGTGTAGATGGTGGTGGTC	(AGCC) ₆	
S11	F	CAAAACCTCCACAATTCTCACC	Perfect	52.5
	R	CTCAACCCCAACCCTTTATT	(TCT) ₅	
S12	F	TTGATGAGTTCAGGCTGGTG	Perfect	52.5
	R	CACTCAACTCACCCCTCAC	(GA) ₇	
S13	F	CACGGAGTACGTGTGTTGCT	Perfect	54.3
	R	GAGGAGTTCGAGCTCACCAT	(CGG) ₅	
S14	F	AGTGGAGATGGTGCTCAAGG	Perfect	52.5
	R	GCTGCTGAGAATTGCTTTCC	(GGC) ₅	
S15	F	GATGATGAGAGCTTGGCCTC	Perfect	52.5
	R	AAGAAGAAGATGCAGACCGC	(CCG) ₅	
S16	F	CCACCAATCAGTTCCTCCAG	Perfect	52.5
	R	GCAACATCACCGTCAATGAG	(GCC) ₆	
S17	F	CGTCAGGTTGAAGTCGAACA	Perfect	52.5
	R	CACTCCTTGCACTAGCCCAT	(TGC) ₅	
S18	F	ACAACAGCCACCAACTCCTC	Perfect	54.3
	R	CGTTCAGCTCCTCGTAGTCC	(CGG) ₇	
S19	F	TAGACTGTAGGATGGCCACG	Perfect	54.3
	R	GACCGTTCATGGTCTTCCAG	(CTC) ₅	