

Table 1 Characteristics of primer sequence and diversity information parameters of 16 SSR loci

Locus	Source	Primer sequences(5'-3')	size	Repeat	$N_A$	$N_E$	$H_O$	$H_E$	$F_{is}$	$PIC$	$P$ -valu	$F$ -Null
SSR1	SLAF	R:CAAATCAGACTATG F:TAAAGGTGTAATGC	117	(AT)7	9.00	5.26	0.283	0.810	0.114	0.788	0.002	0.058
SSR2	SLAF	R:TCGCATGCATGTAT F:GCATCATCATCATC	278	(TGA)1 2	7.00	4.00	0.604	0.750	0.472	0.712	0.000	0.304
SSR3	SLAF	R:GAGGGAGGAAGAG F:TAGGATGGGTGGTT	246	(TA)8	5.00	3.51	0.396	0.715	0.155	0.672	0.015	0.093
SSR4	EST	R:GGGTTTGGGCCCTT F:TGGATGGGATTATG	205	(AG)8	2.00	1.76	0.558	0.431	-0.026	0.338	0.927	-0.013
SSR5	EST	R:GCGCGCGCACATAT F:TTCACCTTGCCAA	100	(CA)6	3.00	2.87	0.362	0.652	0.021	0.578	0.580	0.015
SSR6	EST	R:GGCAATCTAGCGAG F:CTTGCTCTCCCTGTA	124	(AATG )5	3.00	2.42	0.457	0.586	0.073	0.521	0.733	0.032
SSR7	EST	R:GCATTGAGAGCGGG F:AAGAAGCGTGCAGG	233	(CTTT) 5	3.00	1.50	0.614	0.334	-0.158	0.291	0.379	-0.042
SSR8	EST	R:CTCCCCTGCCACTG F:TCATGTAAGCGCGT	260	(GGC)5	7.00	4.68	0.296	0.786	0.104	0.760	0.014	0.045
SSR9	EST	R:AAATAGCCTCCCC F:ATGGCTGATGGAGG	151	(TTCT) 6	5.00	3.27	0.417	0.694	0.159	0.638	0.035	0.038
SSR10	EST	R:GAAAGCGAAACGG F:TAGCGAGATCGAAC	193	(TTG)5	3.00	2.03	0.575	0.507	0.160	0.428	0.385	0.099
SSR11	EST	R:GACGACAACCGAC F:CGAAACGCCTTTTG	189	(CCG)7	4.00	1.83	0.568	0.452	0.045	0.415	0.743	0.025
SSR12	EST	R:GCCTTGTGCAAAGC F:AGGAAACTGCACTG	214	(GGA)6	4.00	2.20	0.489	0.546	0.065	0.481	0.030	0.017
SSR13	EST	R:GCAAGAGCATCAGC F:CAAAGTCAGGCATG	224	(CAG)6	4.00	1.57	0.727	0.362	0.246	0.344	0.048	0.015
SSR14	EST	R:AGGTGTCTTGACCT F:TGTAGCGGTTATCG	188	(CAG)5	2.00	1.97	0.568	0.494	0.125	0.372	0.365	0.067
SSR15	EST	R:AGGTGTAGCAGATC F:CCAGATCAATAGTC	278	(TTTG) 5	2.00	1.57	0.705	0.363	0.187	0.297	0.184	0.103
SSR16	EST	R:AGGAAACCCACCG F:CACTGCTCGTTGGC	245	(CACC AA)8	8.00	2.38	0.362	0.580	-0.101	0.549	0.010	-0.039
Average					4.44	2.68	0.499	0.566	0.103	0.512	0.286	