

Table 2 List of 20 novel polymorphic EST-SSR markers developed in this study

Marker name	Repeat type	Primer sequence	T <sub>m</sub> (°C)	Expected fragment (bp)
pae 1	(GA)8	F: TGACAAACAGAAGAGAACCA R: ACAAGACCACAAGAAAGATG	53	121
pae 4	(AGA)5	F: GCGGAGAAGAAGCCAAA R: TAGAGGTGATGGTGGGC	53	258
pae 5	(CT)14	F: TGTTGCTTTAGCTTTGTCA R: ATTACGGAAACGCCAC	52	148
pae 9	(GAT)5	F: AACAGGCAGGTGAAGGC R: GAATACAAGAGACCCTCAGAAG	55	317
pae 11	(AGA)5	F: CAAGAAGGAAGAATACCACGG R: AGTCGGTGATGGAAATAAAACC	56	251
pae 12	(AG)8	F: TGACAAACAGAAGAGAACCAAC R: GAAAACCCAAGCCAGGAATG	56	202
pae 17	(AG)7	F: AAAATCGTGTAGTGCCCTC R: TGAAGCCGCATACCCTC	55	114
pae 18	(CT)17	F: TGTTGCCCTCTCTGT R: CTCCTTCAATGCTTATCTCA	55	184
pae 22	(CAG)5	F: CAAATGGTGGACCGATGA R: GCTGCTGCTTTTCTTGTGT	58	208
pae 31	(GAT)5	F: GATGGGCACACTTTCAACT R: CTCTGGGTGGTTCATACAA	56	285
pae 33	(GAT)5	F: TTTCTCTACCTTGCCCGT R: ACACAACCTCCTCAGCTCT	56	271
pae 34	(GAT)5	F: CTGATGATGAGGAGATGAATG R: TTGAAGGGTGAGGAGTAGC	55	254
pae 36	(ACC)12	F: CTTGAGCCAATAGAGGAGG R: AGGAAGTGGTGGTGGGTAAG	55	287
pae 37	(GAT)6	F: GGGAGGACAAGATGAAGG R: ACCAAAGCACAAGCACTAAT	55	211
pae 43	(TG)7	F: GTTTGCGGGTGTGGGTT R: AAAATACAGAACAACATCAGGCTTG	60	240
pae 45	(GA)11	F: TCAGAAACACACAACCTCAGAGA R: AGAGCCTTGCTTGCCAC	58	266
pae 47	(GA)7	F: CGTTGATGCTCTTCCGT R: CTCTCGTCCTTTCCGTTT	55	215
pae 48	(CA)8	F: CTTTACCCTCATCTCATCTCT R: CTTGTGACTCTTTGACTCGC	56	173
pae 53	(GA)7	F: GGGAGACGGAGAATCAAG R: AAGGACCAGCAACAGGTAGAAG	56	100
pae 54	(AG)10	F: GAGAACCATCATCCATTCA R: TCCTTTATTGGGCTTTCAG	55	138