

Table S1. Primer sequence of SSR markers.

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ-9	AGATTCCAGGTAGGAGCCGT	ATCAAACACGTGGAATGGGT
EQ-25	TAGGATCCACGCAATAAGGG	CACTACCTTGCCGCTTTTTTC
EQ-26	CAAATCTCCTTTGGCCGATA	TCCTTTCCCATCTGTCATCC
EQ-28	ACATCTGAAGCAGTCCCCAC	GTCGTTCTCGTGGATTTGGT
EQ-31	TCCAATCCGGTTCTTCATTC	TAGCGGCACATGAACTACG
EQ-33	GCAACAGTCCAAGCAACCTT	TCCCTTTAAACACACCCAACA
EQ-34	AATTCGTTTCCACTCATCGC	TATTCGCATTCACTGTTCCG
EQ-35	TTGGGAAGAGGGTATCGTTG	CAATCCCCTCTGATTAGCCA
EQ-45	TAATGCCTGGTTTACGCGAT	TCCAGACGACGAAGTTGTTG
EQ-61	AACAAGGGCACTTTTCGTCAA	CAAGCAAAATAAAAAGGGAGTACG
EQ-62	CCTCCACCTTTCCTCTCTCT	ATGTTGCAATACAAACGCCA
EQ-82	TGCGACTATCGTTGAAAGCA	TCTTTCCAAATAAAAAGAAAAATAGAGA
EQ-85	AAGAGCGCCAGTATGGGTAA	CCTCTTCAGTCCATGGGGTA
EQ-94	AAACATCAGGGAGAGAGCGA	CCAAAGGGAGGAGAGCGTAT
EQ-95	TAGTGTCCCTTTGCCACCTCC	GCCCTTCTCTCCACCAATTT
EQ-97	GGGAGTGGATATGGGGAGTT	CATGGTATCTAATGGGTTGCG
EQ-98	TGCCGGATGCATAATGTTTA	TCAGAGGACATGAATTGGCA
EQ-105	GTGACAGTCAGTTGAGGGC	ATCGGCAAATACCCACATA
EQ-118	CATTCTGGTTGATGCTCCTG	CGAGTGCCACCTTAATCTCG
EQ-119	GATTGTCCCGAACC AAAGAA	AATCTTGGACGATCCATTGC
EQ-120	CTTGCTGGTGGGTCAGGTT	TTTTGAACAGCAAATGAGCG
EQ-125	GGAAGCAAAGCAACTATGGG	CAACACAAGCTCCAAAACGA
EQ-137	GATGGACTTTTGGGTGATGG	AAGAACAATGGGAACAACCG
EQ-139	CACGCCACTATCACATGGAC	TCAAGCATTGATTACAGCAGC
EQ-144	CAGCTTGGATGTGGATGTTG	CCTAAATTGAGAATTATATTTTCATCC
EQ-149	CGGCGAAATTGGTTAGAAAA	CCAAATCCAAATCCACCAAC
EQ-156	CTGATTGAACCCACCACCTT	CGGGACGAGTGGTAAGAGAG
EQ-172	ACGCAAACAACACCATCATC	AAGCGCCAAATTGATTGAAG
EQ-179	TGATCCAAATCCAACACTCG	GGCTGATCAACTCGCTTCTC
EQ-185	AACCAGTTGGATGAAGCCAC	GAAGCTCTCCCACAGCAATC
EQ-190	TGCTTTCAATCGTGGATGAC	TGCCGAAACCACAATGACTA
EQ-193	TCCAAATTCGACAACAACCA	AGCAAGGGAGAAAATAGGGG
EQ-199	ACTCCGGCGACTCTACTCAA	AATCGAATAGGGCGTGTGTTG
EQ-201	CCACTGCCGGATTTAACAAT	CTCGACCGTCTACCAAGTCC
EQ-212	ACAAGCATCCAAGAAATGGG	CATGGATTCTGCAGCCACTA
EQ-214	GGCTTCTAATCACGAGCGTC	CCAATCATCTTTTGCCACCT
EQ-249	CCTTCCCAGCACTTACATCC	GCTTCGAAGGGAGAAATGGT
EQ-253	AGGTTTCTGGCGACAAAATG	GAGGCAACGGTAACCTCCAA
EQ-254	AGAAGAGGAAGCGGAAGAGG	CGGATTTTCTGCATTTGGT
EQ-260	TTATTTGGATGTGGGCCATT	GCGGTAATGCTAGGGTTCAG
EQ-265	CCATTTTGATGATGCTCACG	GTCCATTTCCAGCCACTGTT
EQ-266	CGCTCTCTCTCTCCTGATCG	ATGGGGATTCTGTAACGCAG

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ-284	AAAGAACGAGGCAAAAGCAA	TATGACACACCCAACATGCC
EQ-286	GAGGGACTGCTCATGGGATA	CAACAAAAGAATGGCTGACG
EQ-287	TTCTTCAGTTTCAAGCAAATTCC	GCAACCTCCATCACAAACCT
EQ-291	CATTCCCAAGCAAAACAACA	GAACCCCTGGATGGATGAGA
EQ-298	CACCGCGATCAGTATGTCAC	CAGCGCAAAAATTTCGGATAC
EQ-299	CCTGAGGAAGAGGAGGAGGT	CCCAGAGTCTGCTTTTTTGA
EQ-304	TTTCTAAACCCCCAAAACCC	AGACGACAACGGAAAACAC
EQ-305	ACGATCTTCCAACCAACGAC	CCTTGTGATGGAGTTGCCT
EQ-308	TTATTGTTCGAGGGGACTGC	GGGACTGAACGAAGTCAGGA
EQ-313	TGATCTTGATCAGGTCAGCG	ACTTGCACAATCGGCACTC
EQ-314	GTTAAGGGTCGCAAGGCATA	AACAGCAGCACATGAGATCG
EQ-320	GTTAGGGCTGAATCATGGGA	TGCTTTCTCCATTGCTTGTG
EQ-321	CCAATTGGGTGCTTCTGTTT	CCTCTCTCTCTCCTTCCTTTTG
EQ-324	TGAGCAAGTGTTCTGCAACC	AAAACGTTTCTTGCTGCATTT
EQ-330	TGCATTTTACAGAGGGAGGG	GGGCGTTAATTTCGGTTTTT
EQ-332	GGGTGGGGTTGGTTTAATCT	TGAGGTCAAAAGCATCAAAGG
EQ-334	ACATGGAGGAGGTGGTTGAG	GCTGTGCAGTGAGTTTCTCG
EQ-338	GCCTTCAAAATCGACGTCTC	TACCAGACCAAGCATGTGGA
EQ-340	GACAAGGATGGCGAACCTAA	AAAAGAACCGGTAACCTGGG
EQ-341	CTCGATCCGGATTAGTCGAA	CGCTGGGATGGAATAAAAA
EQ-346	ACACAACACTTCACATGCCC	ACTCATCAAATGGCGGTAGG
EQ-350	TCGATCATCCAATGGCTACA	ACCACCTCCTTGTTGTCTGG
EQ-353	ACCTCCCAAAATTTTCCCAA	AAGCCAGATCCTGCTTTTCA
EQ-354	AGTGTCGTGCAACAATAGCG	ACCTGACCCTTCACGATGAC
EQ-355	CTTGACCTTCCCATGTTTT	TGTGATGCTATTGCCACCAT
EQ-357	TGTTGCTCTCATTTTCTCTCCA	GGAATTTGTGGAATTCAAAACC
EQ-359	GTGGGGGTAAGTGCTGCAT	GTAAGCTCATGGGGCACATT
EQ-360	TCTCTCTCTCAAACGCTCCC	TGCAATGTAGCAGAAATCGC
EQ-363	GAAAACACCCACTTCGTCTGT	GGTTTGGGCATAAAATTAGGG
EQ-375	TTTGAGTTGCTTTGTCAGTGG	CATCTCAAAGAAAAGGGCG
EQ-380	TCTCCATTTTCTGGAACCG	GTGACTCCTCCCTCTCCTCC
EQ-386	TTCCGGACAATCAGTAAGCC	AGGAACAGGGATAACAGGGG
EQ-388	TCCTATCCTCAACAGAGCGG	GTTGGGTGGTGTGGACTCTT
EQ-389	AGGACCACGAATTGGACTTG	CCTTGAAAATAATTCTCATAATTGC
EQ-391	CAGGAAGGAAATCGATTGGA	CCACGGTTTCTTCCAGACAT
EQ-393	GAAATGGAGGAGACGGAACA	TACAGCACCGAGCACACTTC
EQ-398	TTGCTGTTCGATGCTGGTTAG	CCATGGAAACAAAATGGGAC
EQ-401	CCCACGGAAGAACTCAAAA	TTGTTTTGGAAGGCCTATGG
EQ-416	GTCCACCGGCAACTACTCAT	AACCCTAACCCTCTTCCCAA
EQ-417	GGGGAGAGCGAAAATGAGAT	TTCTTCTTCATCCTCATCAAATTC
EQ-424	CAGAAGCATCCGATACGACA	CAGGGTTTCTCGTTACCCAA
EQ-425	TGCTCTCGAAACCATAACCA	ATCCTCTTGCTCTTTCAGCG
EQ-426	TCTACCATACTCGCCCCTTG	GGTCTCCACACCATCACTCC

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ-431	TTCTTGCCGAATTTTCAGTCC	ATGGCCCAGTGTCTCAGATTTC
EQ-435	TACGCCTCCCTCTCTCTGTC	AGCCAGCCCCCTTAGAACAAT
EQ-436	TGATGACTGGAGTGGTGGA	AAACACAGCATTCAAAGCTCAA
EQ-441	GGTTCGAATTTGCAGTCGTT	GGCTGCGTCCACATTATTCT
EQ-443	AAACCGAAATCCAAACCCTT	CCACCTCATGTGTGTTGTTGC
EQ-445	CGCCGCATATGGTACAGTTT	GACCTCCCTCTTTGGCATT
EQ-447	CTGCTCGACGCTTTCTCTCT	AACGGAATCTCTGCCATCAA
EQ-453	CATGTCCGGTTTCTCCTGTT	GGATACGTCGGCACCATTAT
EQ-456	TCGGCGTGGTAGCTAGATTT	AATGCTCGCAAAGATCAAGG
EQ-457	CGACGTCGAATGCTCAATTA	AAAACAGGTTCTGGGTTTGC
EQ-458	GGTGAAGGGGAAGTCAGACA	AATGCTCCTGCCTGAAATTG
EQ-466	AGCGCGAGAGACAGAGAGAG	TCTCTCCTCTTCCAAAGCCA
EQ-475	TGTAGGCTGGGTATTGGGAG	TTCCCCATGCATAAACCTTA
EQ-489	CTTTCCCTCCGTACAATCCA	ACACAAGGAGTCGTTGGCTC
EQ-490	CTTTCCAAACGCTGCCTAAG	GCCGTTGTGTAGATCCGATT
EQ-494	CAGCCTCAAGGCTCTCAAAC	GAAAGCAGTTGTGCCAATCA
EQ-501	AGTGCACTGGTAGACCCAG	GAGTGCAGGATTTGGGTGTT
EQ517	TGTGCTCCTGCTTTGAAGA	ATGCATACATGGCGAATTGA
EQ519	CACCGTTCTCCACATTGCTA	GCAGCAGGCAGTGAGAAAAT
EQ522	GAACCATGGAGAGCGTGTTT	TGGTTTTTGCAAAGGGTTTC
EQ530	CATCGAGACCGGATATTGCT	GTGGATGGAGAGAGAGAGCG
EQ531	GGCTGAATGCCTCCAAATTA	GAACACCACCAACAGCACAC
EQ535	TCAGGAATTTCTGGTTGAACG	AACACAATTCCCGCAAAAAG
EQ538	TATTTTCGCTCTCCCAATG	TATTGCCATTGCCATCTTCA
EQ549	GGAAGAGAGATGGAGGGAGG	CCATAAGCCCCATTCAAAAA
EQ576	AAATTGGCATGAAAATTTCGC	ATGGGTGTTTATTTCGAATA
EQ580	CCCCCTGAGCTAACTTCAAC	ACGGACAAATCCCAATCAAA
EQ583	AACACGAGGTTTCTCTGATGG	TGTTTTTCGCCTAAAGCACG
EQ586	GATGCCTCCTGAAGATTTCG	GCAATCAATCATGCTGGAGA
EQ590	TATAAATCTGGCCCCCTCCCT	AGCATGGGCTCCTACTGCTA
EQ592	CCCCAAGAACAAGTCCACAC	GCGTTTGGTAAACACCCAAT
EQ593	CGCCTCCTTGGTGTCTTTAC	AAGTTCCACAAAGAAGCCGA
EQ594	TTCGTGAAACCTTTGGAACC	AAAAACGGAAATCCCAATCC
EQ597	TTCTTTCTCTCTCTTCCCCG	TTCTATTTTCATCCGTCGCC
EQ632	CGCCTCATCAGAGAGAGCTT	AAGTGCTCCAATAAGAAAGAAAGA
EQ634	GAAACACAACAAAGTTAACCCAAA	GGGTTTCCGTCAAGAAACAG
EQ640	TTACTAACGGCAACGAACGA	TTTCGTTTCCAGTCCCAGTC
EQ642	CGCCGTTAGAGATTCTTGCT	GCAGCAGCTCTGCTCTCTCT
EQ643	TCCTGAGCTACTGCGGTTTT	GAGTCGATTTCTAAGCCGGA
EQ650	TGAAGCCTCGCGATAAATCT	GAAGTGAATGGAGTCGGAA
EQ658	ATCAGTTCAGGCAAACTGGG	CCGATCAACAGAGCTGAACA
EQ661	TATGCTCCGTGTCAACATCC	GAAGGACCTCAAGAGCATGG
EQ672	TGTAATTGGTGGGTGCAAAA	CTTGGGGAGTTCTTGGTGAA

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ681	CGTCAGGGCCATTCTGTATT	TGTCCGAACACTTGCTTCTTT
EQ687	GGGGCTCCTTGCTATATTCC	ATGTTGGAACTCCGCCAATA
EQ701	GGAGTTCGTGTGTGGGTTCT	AGACGGCAACGATACCAATC
EQ702	GATTGGTATCGTTGCCGTCT	CACCCCCAATTACACACACA
EQ708	GAGAGCTCGCGGGTTTAGAT	AGAACGTCGTACATCTGGG
EQ709	TCAAGCAAGATTAACCATCATCC	CAAAAGGCGAAGAAAATGAA
EQ731	TTCTCCATTATCGCCTCCAC	GAATTGGAAAGCAGCGAAAA
EQ733	CCCCCTTCCATTTCTCTCTC	GGGGAATCCGATCTCTCTCT
EQ736	ATCCGAAACTCTCGTGATG	TTACAGCTCTCCGCCATTCT
EQ765	CACTGCACACACACATGCAG	TAGGGCTAATCCAAGGGTCA
EQ767	GCCTGCAGAGGAGTGAAGTC	GGTTTCTTCTCTCCTAATCCCC
EQ768	CCACCACCTCCATCTCAGTT	GAATTCGCCTGAATCGGATA
EQ773	ATCCCTGACATTGCCTTCAC	CCCATTTGATTTCCCTTTT
EQ781	CGCAGATCATAGGTGAAGCA	CGGAAAACGAAGAAAGAACG
EQ788	AAGCGAATCACACTTGTCCC	GGGTCAACAACCTCGAAGAA
EQ792	GCAATTAGAAACAAATATGCCCC	CTGCTCCTCCTTCCAATGAC
EQ800	TCAATTCCCGTAGATCCGAG	TTGTACTGGGTTCAAACATATTCA
EQ812	GATTTGCACTTGGATTCCGA	CGGAGACTCGAAATCATCGT
EQ813	CACCTTCCATCTCCACCAGT	TTGGGTCATTTTAGTTTTGGG
EQ822	GTTTTTCAGGAGAGCGAATGC	TTCAATTCCAGTCGAAACCC
EQ828	GGCGATGGAGATAGGTGAGA	GGAAGGTTTCGCAACTCCTA
EQ832	CCAAAAGCGGATGAGAACAT	GTTTCATGACCCAAGGCATTT
EQ844	CTGGA AAAACGAGGCTCTCAC	AATCAATCTCGTCTCCACCG
EQ846	CGCCCTAGCTTCTCATCAAC	TTTTAGTGTGAGAGAGCGGC
EQ854	CTGTGCACTCCAACGATCAA	CGGCTTCTTACAGAGTAGGGAA
EQ855	CCGGCTAAAAGTGTTCCTGA	TGGTTTTTGTGTTCAACCGA
EQ863	CCGTTTCATCTTCGGACAAAT	TACCCCTCTCACAAAATGC
EQ864	TCATTTGGCTTCCGATTAGG	TCTCTCTCCTCATTTAACCTGTTTTT
EQ873	GATGATGAAGAACGTCGAAGG	AAGGGTGGCCTTTTCTTCTC
EQ882	CTCTCCACCCAAAGGTGTGT	ATCATGCTTCCGTCCAATTC
EQ901	AGAGAGAAGCGACGATGGAG	TAGGGTTCTCCATTTCCACC
EQ904	GGATGAAGGAAGAAATGGCA	TTCCACGTACCATCACCTCA
EQ905	TGATGGTACGTGGAAGGACA	CCCCCATAAAGAAAACCCAT
EQ912	TACTAAGCCAGCAGGGATGG	CCACCACCACGATTTCTCTC
EQ929	CCTCCCTCCCTCTCTCAACT	CCCTCTCTCCCTCTCTCCTG
EQ945	AGTGCCGGAGAAAACAGAGA	TTGAACTCTATTCCAATTTCTTTTCG
EQ946	GCCTGGAAATGCATAAAGGA	AGGTCCTCCAGGAGTAGGGA
EQ947	CCAGATCAACACCATCATCG	CAACAACACCGCCTACCAC
EQ954	ATGGGTTTCTCTGTTTTGCG	GGTTTCGACAACCTACCGAT
EQ956	ACGAACTGCAACACCAATCA	AACCTGAATTGCGGTTATGG
EQ957	CAAGCACCAAAACACCCTTT	TCCAGGGCAGTGTAACATGA
EQ958	GGCATGGCTCAGGACACTAT	CAGGAGAAGAGCAAAGGCAC
EQ962	TTGGGGTGTGTTTGCACCTA	GGTACGATACGGGGATACGA

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ975	GAGACAGTGAATAATGGTCAAAAA	CCCGAAGGGACTCAGTTGTA
EQ993	ACTCTGCCATACGGGTGAC	CGCTCTGTCAAACAACCAGA
EQ1025	CCAACACACATTCATCACCC	TGACTGTCCAGAAGGTTCCC
EQ1042	GAAGAACTGAGCCACCTCG	AGCGGTTTCAGTGGAGAGAA
EQ1043	CACACGCACAAACATACACG	AGCAAAACACAGACACAGCG
EQ1051	GCCGTAAACTTGGTCCTGAA	TTTCCAACCGTTCTACCACC
EQ1055	GCTGGGCTTGTCTAATCTGG	CAATCAATTCAAGTCACAAGCAA
EQ1067	GAGAAATGGAGGATTTGGCAG	AGATCCCATCGCCTTTCTTT
EQ1072	ACTCTCCCTCTCTCTCCCA	CTCAGGATACTTTGAGCCGC
EQ1093	AAGAAATTCATCGCGTGCTC	TGAAGGTGGATCGCGTTAGT
EQ1107	ACTAGCGGTAACCATGACGG	ACCTCTCTCTGCCTCACCAA
EQ1118	CCAGAGAAATGAACCCCTGA	ACAACGGCTGAGAGGAAAGA
EQ1122	GATGGGAAGAAAGCCATGAA	TTCCATTCAACAACACTCCC
EQ1135	GCCTCCAATTTGATCTTCCA	TCCAGAAGATGAGGAGTTGTTG
EQ1151	GGGTGATTAGGACCACCCT	CAGCGAAAACGAGAACAACA
EQ1164	CACCTGAAGGCTGTGAGTGA	GATGTCGGCGTAAACTTGGT
EQ1178	CGAGAGGAAATCAGGAACGA	ATCGACGACGAACACCTACC
EQ1191	GGCTTCACCTTCAAGACTGC	AGCGAAATCACACCCAAAAA
EQ1202	CCGATCTTCGTTTCCGATTA	ATCGATCCAGTTCCATCAGG
EQ1205	CTTGGCAGCATAGCCAATCT	CTTCCCTGCAATCCATCAAT
EQ1207	CGTTGAGGTACGCCTTGAAT	GTTACCACCGCCACTCAACT
EQ1214	TAGCTTGAGGAACTACGCCG	GCAACAAACCGCAAATTCCTT
EQ1227	TTTTACTTTAGGCCAGCCC	AAAAACATTCATCCATACCCAAA
EQ1235	TGGACTTTGGATCGGTCTTC	GGAAATTGTGGCCAAGGTAA
EQ1243	ACAGCCAGATCATCCACAT	ACTAATCCAGCAGCCACCAC
EQ1252	TTTCCGTTGCCAATGTTTCT	GAAGACTGGAATTGAGGGGC
EQ1256	GGAGGGCAGCAATTAAAGAA	TGATGCTTACGAGCAAAGTGA
EQ1261	CCGTCACTGTCGCTAGATCA	TTTGACACTTCGCACCTCTG
EQ1263	TGGGACAGTGGATCTCATCA	CCACCCTATCCACCCATA
EQ1272	CGTTGCCATTGTTGTGGTAG	TTACCCCTCTCATGGTCCAG
EQ1281	CTTTCACATCTCAGCCTCCC	TCGGGTTTTAGATCAATCGG
EQ1291	GCTCAATTCTCGAACAATGCT	TGACCCAACAGCAAATCAAA
EQ1298	CGCAAGAAGAGACAGCACAG	CTCCTCAGCCTAGTGATCCG
EQ1306	CCATCTGGACATTTTCCACC	AAAATCAAGTCGGATCGTGG
EQ1307	GCCACTGGAGGTTTTCATGT	ACAAAACAAAACCTCCCCCA
EQ1312	AAGAACTCCATCCCAGAGAGA	CATCTCAAAGCTGTTTGGCA
EQ1317	CGAATTCCAATTCCATGCTT	TGGTTGAGCATGGTTGTGTT
EQ1332	ACCAAGTGGCCAAAATTGAT	CGATCCAGGCTTTTCTTGAC
EQ1333	AGGCGCTTCATAGCCATCTA	CATCCCTCTGTTCGCACTTC
EQ1350	GAGAGATAGAGAGAGGAGAGAAAA	ACTACTCAGCCATATGCCGC
EQ1355	TCGGAGGCTGCAAGAATAGT	TTCTGCCGAAACCTTGACTT
EQ1368	GACAGCAGTGAGGTGATGGA	TTCCAAGTCCCACCAAGAAC
EQ1369	AGACTTTGAGCTTTCGGCTG	AAAACCCGATCCGATAGACC

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ1372	CCGAGTTTTTCCCAGTGTGT	CCACCATTCTAAGGAGGCA
EQ1376	GGTGTGCTGTTTTTGGATT	GATGACCATCGCCAATCTTC
EQ1383	TTCGGTTTTGGACTTTCCAC	ATACGCATCTCCCTCACACC
EQ1387	GTGTTACCCACCTCACATGC	TTTTGGGACGAATCACCAAT
EQ1390	TCACATATCAAAACGCAGGC	TCCATTGCAGCATTGTTTTC
EQ1407	TTTCAGGATGGAAGAATCGG	GGACCAGGCATCGTCTCTTA
EQ1425	TGCCTCCAGTGGTCTTCTCT	CAAGCACCCATATTCAACCC
EQ1440	TCTCAAAAACAAAGAGGCAAGTT	CAGGCAACTGTCATGATGCT
EQ1453	TAACCCTTCGTCATCTTGGC	AGTCTCAACCCCTTCGGGTCT
EQ1454	TCTTGCTGACGTCCCACTG	TGAACCAGTGAACCTGAGCG
EQ1461	CGCATGACATTGAATTGAGG	TCGGGAAACCATTATGTGAA
EQ1468	TGGGTTTAGGATCTTCACGC	AAAACACACCCGCGTAATTC
EQ1479	TCTCGAAGGCCGAAAATAGA	GGGTTGTCTGAGCTTGCTGT
EQ1482	TCCACCTGGTAGGAGTCACC	TTGGAGAGGGAAACCAACTG
EQ1483	ATCAACGGTTGGATTTGAGC	GGATCTCCTCCTTCACCCTC
EQ1484	GATTAGGGCAAGCGATTGAA	TACAATCCAAGGGGCAAAAA
EQ1508	TTGAAGAGAGAGGGGAAGCA	CGAAAAGTTGAAACCCTGGA
EQ1509	TCCAGTGATTGTGCCATGTT	CCTCACTCAGCACTCCCTCT
EQ1524	AAAGACGACATTCCCTGCAC	TCACCTTCTCATTGGCATAAA
EQ1525	TCATCGCTTTCGCATGTTAC	ATTGATATTTTTGCCGACGC
EQ1537	ATGACGGCAAGAATCAGGTC	TTTCGAACAATCGCAAACAG
EQ1545	CATATAGCGCCTCTCTCGCT	CCGTTCCTTGAAACCACACAA
EQ1548	CATGCATTTGTGTTTTTGGG	GCGCAGTGACTGAAAATGAA
EQ1550	AGTAAGCTGTCGCGGACATT	ATCGTTCTCTACCACCGCAC
EQ1557	GCGAATTCAGAGGGAACAA	AGATAGCCGAGTCCGTCAAA
EQ1583	TGCTCAAACCTGCAACTGGTC	GAAAAACCTTCTATCCGCATGT
EQ1590	TTTGGATTGGGAGAAAGTGG	AAAATTTGGGTGCAAACGA
EQ1591	AGGAGCGTTCTTGAGGATGA	GTGTTTCGGACCACCTCGTAT
EQ1593	TGAATAAATAAAGCTCCACCAAAA	TCATTGTTTCGCCATTGTTGT
EQ1598	AAAGGACTGCTCGAAGGTGA	AGCACCAAAAGGAAAGCAAC
EQ1600	GGTGGCGGTAGTTGTAGGAA	ATGGGCAGATCAGACCAAAG
EQ1611	ACAAGAAGGCTCCATCATCG	TCACGAAAATCGCAATCGTA
EQ1628	TGAGTAGGAAGGAGAATGAGAGAAA	GGGAACCCAACCCTCTATGT
EQ1633	CTCTACAGTGGAGGCGACG	CCTCCAACCTTTAAGCTCCC
EQ1636	CAAGCCAAGTATCTCGGAGC	CGACCCAACTAGGCAGTGT
EQ1651	CCTGAACCAGGTTTTTGAACA	AGTGTCCTCACACCCACACA
EQ1652	TGTGTGGGTGTGGAGACACT	TG CCTCCTTTGAATCCTTG
EQ1666	ACGTTTTCGTTGGAGGTCAC	CTCTCGCGCTCACAATCTTT
EQ1670	TTCCCACTCGGAGGTAGATG	ATGGGCGGAGAAAATCTCTT
EQ1674	TCGTCTTCCTCTACTGGTTCTACTT	GACCTTGAACCAGACGATGT
EQ1684	ATACTCGGGTAGGACCCCTG	AAACGATGGTCTTGGTCCTG
EQ1686	AATGATCGCCGGTAGTGAAG	TCTCTCTTTCTCGTTTCTGTTCG
EQ1690	GGATCCAAAGGCAAGAATGA	CAACATGAAGAAACACATACATGA

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ1694	TATCCCTTGCATCGATTTC	TGAGCCTCTCAGCCCACTAT
EQ1700	AGACCAAAGCTTCCTCCCTC	GTGTGTGTTTCCTTCATGGGC
EQ1706	ATCCTCTCTCTCTCCGGGTC	ACCATCCACCAACCACACTT
EQ1713	GTGGTGGGGTGGAAGGTAG	TCATTTTGTCCAAAGCCACA
EQ1723	TCATTGGAGCCACGTAGACA	TCGCATTTGTTTCTCCACAG
EQ1727	CGCATTTATGCTGTTTGGA	AACCATCGACCACCACTAGC
EQ1734	TGTGTTTGTCCGAATCCTCA	TCGTTTAGAGATCAGCCCGT
EQ1735	ACGGGCTGATCTCTAAACGA	TCACCATTCCAACATCCAAA
EQ1745	GCTGCCCATCTAAAAATCTCTG	TTCAGGCACTTCTTGTCACG
EQ1748	GCCCTCCTCTTTTTGCTTCT	TTCCAATTTCCTTCTTTTCACC
EQ1751	GGTATGGGGGATTGAATGTG	AACGGCACCAACAACCTTAG
EQ1759	GAAACCACAAAGGAGACCCA	CCTATACCTTGTCGCTCCCA
EQ1762	CCTTAGGGATGGAAGGGTGT	GGAACGATTGTGAATGACGA
EQ1766	GCACACCGGAGACATAGGAT	CTCCGGCTGACTCATCTTTC
EQ1767	CCTTGTTTCTGTTAGAAATTGATGG	ATAAACGATGTCTCCCGCAC
EQ1768	CTGTGAGCGAATCACAGCAT	CGCTTCCATTCTATCCAAA
EQ1771	TGCCCTTCCACTCTCACTTT	TTGAATCCGAAGCTGGAGTT
EQ1780	TCCGGGCTAGAAATCATCAC	ACTACCACCATGCCATCTCC
EQ1788	TAACGGAATTTCCACTTCGC	ATCGGGATTAGGGTTTTTGG
EQ1795	AAGTTCTCGGAAATCGGGTT	TCTCAGCGACAGACATTGCT
EQ1796	ACCACCGAACTCACTATCCG	AAATTTTCAGCCATTGGCATC
EQ1798	TATGTGAAGGGATCGGTGGT	AAACCATGACTATCCAGCCG
EQ1806	AGTCGCTGGAGACCAGTGTT	CCACACCCACACTGTTTTTG
EQ1812	ATAGAGAGAGGGGGACGGAA	TGTCGTGAGCAAATGGAGAG
EQ1813	TCCACATGCTTGGTCTGGTA	TCCGCCATTAAAATTTCCAC
EQ1816	TGACCACATTGACACCCCTA	TTTTTCGGGTGGATGAAGAAG
EQ1817	GAGGTTTCGAGACCATTCCA	GGGCTTCAAATTCAGACCT
EQ1819	ATTCCAGTGAATTTGCCTCG	CTTCAATGGCGTTTTTCGATT
EQ1820	ACCAGACAACGAACCGAAAC	GTGTTCCGGAGTGACATCCT
EQ1821	CAAACACCTGTCGCTCAAAA	CAAAGGGGTAGTTGATCGGA
EQ1824	TGGTGAGTGGTTCATGTGAGA	ATCAGATCTTCCCAGTCCCC
EQ1829	GGTGGTGCTAAGCCTCTTGA	GAAATGGAACCGAAGGAAGA
EQ1833	CCAAGCAATCATTTCCCAT	GTCTCTCTCCTCCGCCTTCT
EQ1834	CAACTGCCTCTACATCTTCGC	TCATACGCGTGAATCGTCTC
EQ1835	GCGGGGACATTGGAGTACTTA	CTTTTTTCGGCTCAACAAAGC
EQ1837	ATTGAATTGTTGACGGCTCC	CTTCCTTTTGGCTTGCTTTG
EQ1850	GTAATCCGGTGAGGCAAAAA	TTGAGGAGCACAGTGGTGAG
EQ1854	AAGAGGAGAACCGAGAAGCC	AAACGGACAAAATCAACGCT
EQ1858	AGGATAGAAGGTTGCCCGAT	TTAAATGTGAGTTGCGCCAG
EQ1860	AGGAGGAAGAGGACGGAGAG	TATACCAATGTCGCCGTGAA
EQ1870	GACCTTGATTCCAAAACCCA	TCATTCTCTCTAGCTCTCTCTCC
EQ1882	GCTGTAAGCCAGTGACCACA	GCCAAAGATAACACCTCCCA
EQ1889	ATGAGTTCTGCAATTTGGGG	GAATTGCCCTTGAAGAGCTG

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ1893	CACCATGTTGCTTTCTCTCT	ACTTGGCTTCTCTTTTGCCA
EQ1897	GAAGCAGAGCTCGATTCCAC	AGGAAATTCGCCAGTCACAC
EQ1898	CGTGCTTCGGGAGAGTTAAG	AGGTGGGAGAGTGGGGAG
EQ1902	GAATGACCTAGTCGTCATCGC	GCGAAAACCAGTTCCAAGTC
EQ1947	GGAGGGAAAAAGATGACACG	GCAGGAGGTTTTACAGCAGC
EQ1948	ACACGTGACGATAACCCACA	TCGATAATCGGAGGTTGGAG
EQ1970	TCCCCTTTTCCCTTCAATTC	TGATTTGGAGGAGGGTCTTG
EQ1974	GTACGGCTGTTCCCAAGTGT	CGAGGTGTTCTGTTTCGATTTT
EQ1979	GTGGCGATCTAATGATCCGT	TCACCAACTAAAAGGGGCAC
EQ1983	TGGAGAAGGAAGAGGAAGCA	CTTCTCGCAATCTCCAATCC
EQ1985	TACAGGAGATCGATGTGGCA	AAAGGAGTGCCCGACAAAAT
EQ1989	CCAAGGTGATTTGGCTTCAT	ATGAATCCCGACAGGTTCTG
EQ2033	TGAATTCAGCACGAATGTGA	GGTCATCGTCTCAAATACAAGGA
EQ2050	CCGTTATTGCCCTCTTGAAA	ACGAGACGCGGTTAAGAGAA
EQ2051	GAAGCTCCATCAACATCGGT	TCCTCAACTCCCACCTCCAAC
EQ2058	GCCGGTTCCTTACTTTTGCTG	GTAGCATCATCCCAGGGGTA
EQ2067	ACATAACGAGGCCGAACATC	TCTCTGAAGGCTGGTTCCAC
EQ2068	AGTCACGGACCCATTTTCAG	TCCCTCTACTCTCTCTCCGC
EQ2074	CAGTGCTATCGGAACCCAAT	ATTTTCGTATCACCTTTGGCG
EQ2075	GACCCGGTTGAATATGGATG	TGCAGCTTTTTCATATCTCCG
EQ2079	CTCGGAATCTTTTTTCGAAGC	TTGATCGGAGAGAATACGGG
EQ2082	ATATATCCACCGCGAGCAAG	ATCGCTTGAATCTCCCATTG
EQ2084	GACGGATCTTTGCCATAGGA	AAAAATGAAGCAAAAACACAGAAA
EQ2089	TCAAACCTCCATCTCCTTGG	AGGGGTTTAATGGAAGTGGG
EQ2094	TTGAAATGGGGTTGGAGAAG	GGAAAGACCAAAGATATTTATTGCTAA
EQ2095	GCCCCATTTACCACTAGAA	GAGTCTCAAAACAGAGCGCC
EQ2096	GCGCAAAGCTTAGAGGAGAA	ACCGCTTTTTCTGTTCGATTG
EQ2099	TCGCATCGCTATCTGATTTG	TCC TTCCTCATCGGAATTTG
EQ2103	TGTCCTCATGCCAGTATCTCA	GGAGCCCCTTCAATCATGT
EQ2105	CAGCCATTAAAGCTCCGAAA	TAAAATTGGATTGAAGGGCG
EQ2110	CGTCGGTATCGGTGAGTTTT	CCAAACTTCAACACCTCCCA
EQ2118	GCCGTCAAACAGGGAAAAGT	GGGAAATGGATTGACGAAGA
EQ2119	CGAGACATCGAATCGAGACA	CTCCCTCTTTAACGCCTGTG
EQ2122	TGCAAATGCCATAATACCCA	ACGCAACAACGAACCTATCC
EQ2127	TGGTGTTGAATGCGTCCTTA	TTTAGACCCACCTTTCACG
EQ2129	TGCAATTTCACTCAAGCCAC	GAGAGATGGACCGAAAGGGT
EQ2137	GGTGGGGTAGTGTTACTGGC	ATTTTCTTACCCCTGGTCC
EQ2140	CAGGGTGGTGGTAGCTTTGT	CCAACTACTCATTCAATCAAGATCA
EQ2143	CTGTTTGGCAGGACGAGATT	GTTGAAATTCCTCGACGAAAA
EQ2146	TGCAGTCCCTGCAAAATGTA	AGTTATGGCCGTGTTTGCTC
EQ2147	ATAAGCCCTAGCCACCGTCT	TCCAAGTTGTTGTTTGCCG
EQ2152	GGATGATTAGGGCTGGGATT	TTTATCGTCACGGCCTTTTC
EQ2154	AAAACGTACATTGATGGATTACACA	AGTTACAACCGCCCTTTTCT

Marker	Forward primer (5'→3')	Reverse primer (5'→3')
EQ2155	GTGGCAAGCTAGGATCAACC	AATTTTGACAACGGCACACA
EQ2158	CCGTCGTCGTCTTCTTCTTC	TCCCTTCTCCCCCTACAAT
EQ2160	TAACCAGTTGTGACGGTGGA	AAAATCAAATCCAATGGCCC
EQ2161	CCAACTCCTATTTCTACCTGCC	TAGAGGGGGTTTGGAGGTCT
EQ2168	TTGCTGAGATTTGGGGTTTC	CCGTCTCTCTCCCTCTCTC
EQ2178	CACCACCCCTTTCACGTAGT	CCAACGCTTTCAGTTTCTT
EQ2190	TGCCTTGTGCAAGAGAATTG	GGGAGGGAAAATGGCTTAAC
EQ2192	CCCCTATTCAACTTTTATGCAA	GGACTCGGCAGCTTAGTGTC
GEU026	CAGCCACTCAATACCGAATC	CACCAGAGGCACAAGCATAA
GEU037	TGGTTCTTGGACATGCTCTG	ACGCAATTTCGATTACGTGGT
GEU045	CATCGTCATTCTTCTCCTTGC	CACGACACACTGAAGATCCA
GEU052	TGCTATATGGTTCTTCAGGCTCT	TGCGTATTGGAAGATTCTCG
GEU053	GGTATGAGCATGAACGATGG	AACTTCTTCGGTCAACCTTGT
GEU056	TGAAGGAGGTTGGTGACAGA	AAGATGTCCTTCATCCTCTATTGC
GEU150	CATGGCAATGCAAGCTAGAC	CTGCCGATTCTCAGCCTATG
GEU155	CTGCCGATTCTCAGCCTATG	TTCGTGCACTTGCGAGTATT
GEU158	CTCCACAGTCCATTCAACGA	CCAATCTACGAAGTTGCCAAG
GEU219	ATGGTCCTTGATCGCTCATT	TCGCAACACTTGATCTCCAC
GEU223	TCGCAACACTTGATCTCCAC	AACGGATTCATGTAATCGACCT
GEU239	CTTGAACCAGACAACCACCA	TGCTCTCCTGCTAACTGCAA
GEU271	TGCTCTCCTGCTAACTGCAA	GGTGCGAACAGAGAATCGTC
GEU289	TCAAGTCAAGATCACGTCTAGC	CAATCCTGCTCAATTAACCTCA