

Table 3 EST-SSR primer sequences and repeat types of *Cornus wilsoniana* with polymorphism

Name	Primer sequence	SSR motif	Product size (bp)	Allele no.	Gene diversity	PIC
SW05	F:CATCGATTAAGGCAGATAAGAA R:TCAAATTCAGAGTCTCCACAA	(AAAT)5	113	2	0.495	0.37
SW09	F:GTGGTGGTGATTAGGAAGCTAT R:GTGACACTGGAATGAAGAGAGA	(TTTCC)5	289	6	0.486	0.46
SW10	F:AACGAAATTGAAACCCTAGAAA R:CAGAGACAAAATTCAAAAAGCA	(TGATT)5	112	3	0.301	0.28
SW17	F:ATGGCTATGATCCAAGTTCTTT R:TCAAACCTGATCATAAAACAGGC	(TTGTA)5	225	4	0.341	0.32
SW19	F:GGCGGAAGAAGCTCTATCTTTGT R:TCAGAACAACGTACGTACAACA	(ATGGC)5	132	2	0.489	0.37
SW20	F:GGGGTTTATGTTCTTCAGTAGC R:TACCACCATCAATTTCTAACCC	(TGGT)5	108	3	0.571	0.50
SW23	F:TGTTTCAAGTTAAGGTCGATTG R:CTTCAGGTAGAAGTACCCAAGG	(TGAG)7	211	3	0.546	0.44
SW24	F:TAAACAAAAGCTGCTGCTGCTAT R:AGTCCAGAATAAAACCACTGCT	(GACT)5	181	2	0.180	0.16
SW28	F:CAGGCTGGTGTAACCTCATAAAA R:CACTCTCACTACATTGCCCTAA	(TGGA)5	300	3	0.626	0.55
SW29	F:AGAAGTATTCCTGTCCCTCATGC R:AACCCAAGTAAACAGAGGAAAC	(TTTA)5	201	2	0.289	0.25
SW30	F:ATAATGGCTAACCTACCCAAGA R:CGGTTTGTAATAGCACTCCAC	(ATAA)5	133	3	0.501	0.42
SW33	F:CTGGGACTTCACACAAGTAGAA R:AGGTAGAGCATTCTGGTTCCTA	(TCTG)5	151	2	0.455	0.35
SW34	F:GATGATGACGATTGATTGAGG R:GTTCAGAAAGAATACCACCCAT	(AGCTT)5	121	3	0.411	0.34
SW47	F:AATTTGAAAGAATACGTGATTGA R:ATGTCATTTGACTGTGGGTAGA	(CATA)5	244	2	0.049	0.05
SW48	F:ACAAGCACGGGCTTATTTATAC R:GTTTTACAGTGATCAAACGAC	(TTAT)5	109	3	0.659	0.58
Mean				2.87	0.427	0.36