

表 2 喜马拉雅樱花 21 个基因组 SSR 开发及引物设计

Table 2 21 genome-SSRs development in *Cerasus cerasoides* 'Himalaya' and design of primers

位点 Locus	引物序列(5'-3') Primer sequences (5'-3')	重复序列 Repeat motif	产物大小(bp) Size (bp)	退火温度(°C) Tm (°C)	登录号 GenBank accession No.
SSR1	F:AAGACAGAATTGGTTTTTATTCCA R:TATGGAGAAGTAATGGAAGCCAG	(TA) ₆	143	59	MN243543
SSR2	F:AGCAGAAGAAAAGGAGGAAGAAC R:TTTAATGCCCAAGCTAGCAGTAG	(TA) ₇	148	59	MN243544
SSR3	F:CTTAGGCTTTCTCCCTCACTCAC R:TCGAGACAAGAGATTGAGAGATTG	(CT) ₈	144	60	MN243545
SSR4	F:CCAATATGCAATAAGCAGGATTC R:TTTTTCAATTTTCCTTGACGTG	(GT) ₆	96	59	MN243546
SSR5	F:GCGTGAATGCTAAATGTAGAGGT R:TCGAAGACTCTCGGAAATCAAT	(GA) ₆	107	59	MN243547
SSR7	F:AAGGATATGATGACCAGCAAAAA R:AGATCTAGGACAAGGCAGAGCTT	(AG) ₆	109	59	MN243548
SSR8	F:GCAGAAGGGGACAAATAGTACCT R:TAGCCAAGGAAATTGTTTCCTGTA	(AT) ₁₀	105	59	MN243549
SSR19	F:TCCTTCTAATTTTCCTTTTCCCA R:GCTAAGCCTTCACAAGTTTAGCA	(TC) ₁₆	120	60	MN243550
SSR20	F:GAGATGAGACAGTGGAGACCAAC R:CACTTCTTCATCATCATCAGTGC	(AT) ₆	135	59	MN243551
SSR25	F:CCCCAGACGACACTCATAAACTA R:ATGTTAAGTTGTGGATCCGAGTG	(TC) ₁₅	104	60	MN243552
SSR50	F:GGTCTTTTGGGTGAATAAGAAGG R:AACCAAATGAATCTGAGATGGTG	(AAG) ₄	108	60	MN243553
SSR51	F:AAAGATGACTCAAACAAACCCAA R:TGCATACTAAAGGGGTGTCTTTT	(TTC) ₄	98	59	MN243554
SSR58	F:AGCTTTGATGACTGAGGTTGAAG R:ACTTCTGTGTCGTTACGCAAAAT	(AAT) ₄	156	59	MN243555
SSR64	F:TCATAGACATGAAAGGAAAAGGC R:CGTCATACCAACTTGCCTGTAGT	(TGG) ₅	111	59	MN243556
SSR69	F:ATTCCTCTACAACCTAGGCTGGCT R:TGAAAATTCAAAATGAAAAGCAAA	(TGC) ₄	126	59	MN243557
SSR74	F:TGGTTACAGAGAAGCAGCACATA R:TTTCATTTTCATGCCAAAATCTCT	(CAA) ₄	128	59	MN243558
SSR81	F:TCTTGCATGATTCAACAAACATC R:CCCATGGGAGTAAGTTCACTATTT	(AGCT) ₄	144	59	MN243559
SSR88	F:ATAGGCCCTCTCTGTACAAGTC R:CATCCACCAATTCATTTTCGTAT	(AATT) ₄	156	60	MN243560
SSR89	F:TTAAGGTTGACGAAATGATAATGC R:CACGGCTTTGAAAAATAAGAAAA	(TATT) ₄	156	59	MN243561
SSR90	F:TTCAGAACATTGCACGTATCATC R:TTTTTAATGCGAAAAATGTACCAC	(TAAA) ₄	148	59	MN243562
SSR93	F:CAAAGTGCTGAGTTTGATTGACA R:CAACAAACAAAATTGCACAACAT	(TGAT) ₄	151	59	MN243563