**Table S1.** Characterisation of 20 microsatellite markers in *Epilobium nankotaizanense.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Locus | Primer sequence(5'-3') | Repeat motif | *Ta*(°C) | Allele size (bp) | GenBank accession number |
| EP03 | F:CCCCTATCGAACCCAGTCTA | (AAG)17 | 55 | 160-210 | LR881117 |
|  | R:CCCCTCCTCTTCTTCTTCCT |  |  |  |  |
| EP05 | F:GCTCAGCACAGCAGATGAAT | (CAG)7 | 55 | 223-230 | LR881118 |
|  | R:AGCTGCTGCTGTTGCATAAT |  |  |  |  |
| EP08 | F:ACGGAAAAGGTGTCCAAAAC | (AT)9 | 54 | 237-260 | LR881119 |
|  | R:TGCAACGGTGTAACGCTATT |  |  |  |  |
| EP11 | F:GTCCAAATTTTCCATCAGGC | (TTC)15 | 50 | 255-266 | LR881120 |
|  | R:GCAGGAGTTGGAGGAGAAAG |  |  |  |  |
| EP12 | F:CCAAAGTGGTAATTGATGGG | (GAA)16 | 54 | 165-200 | LR881121 |
|  | R:CCTCCTCCTCCTCCTCTTCT |  |  |  |  |
| EP30 | F:ATCAGAGAAGAAGAATGGAC | (CT)18(AT)10 | 55 | 205-230 | LR881122 |
|  | R:GTCCGCTATACATTACAAAC |  |  |  |  |
| EP44 | F:CACCACATCAGAGTAAAACT | (GAA)8 | 52 | 224-257 | LR881123 |
|  | R:GTTGGGAACATATATGAGAA |  |  |  |  |
| EP48 | F:GAGGAAGAGGAGGAAGAGGC | (AGA)6 N(GGC)6 | 54 | 191-206 | LR881124 |
|  | R: ATCTCAAAACCATCCCCCTT |  |  |  |  |
| EP53 | F:CTCCTCCTCTCAATAGTAGC | (GA)17 | 50 | 228-254 | LR881125 |
|  | R:AAACTTGCTTCTTTCTCTCT |  |  |  |  |
| EP57 | F: AACGGTTACTTATGTTTCAA | (AGG)8N(TGG)5 | 50 | 258-263 | LR881126 |
|  | R: TCTCTCTTCCTTCTTCTTCT |  |  |  |  |
| EP60 | F: GCTTACAACCCTTGTCC | (AT)7N(AT)5N(AT)6 | 50 | 304-405 | LR881127 |
|  | R: GAGGAAGAAGAAGAAGAAA |  |  |  |  |
| EP68 | F: AAGAAAAAGAAGAAAGAAGG | (AG)5(AAG)5 | 50 | 193-244 | LR881128 |
|  | R: GTCAGCCAACCGTTCAG |  |  |  |  |
| EP70 | F: TCTTCTCCTTCCTTGTCTAC | (TTC)7 | 50 | 155-220 | LR881129 |
|  | R: ATCTGCAAGAAAAAGAAAA |  |  |  |  |
| EP75 | F: CCACACAAAACACTAAATTC | (AT)10 | 55 | 185-225 | LR881130 |
|  | R: GTGACTGACCCTTAAAAAT |  |  |  |  |
| EP80 | F: CTGAAGAAGAAGCTTAAGAA | (CT)13(AT)9 | 50 | 218-232 | LR881131 |
|  | R: GTATAACAAAGTCTCGCATC |  |  |  |  |
| EP81 | F: AGATGGAGGAGGAAAGA | (AAG)22 | 50 | 235-257 | LR881132 |
|  | R: ACTTGCACATGACTTATTTT |  |  |  |  |
| EP86 | F: GAGAGGTAATGGGTGATTAG | (AG)9 | 55 | 210-220 | LR881133 |
|  | R: GACCCTAACTTTAACCTCTC |  |  |  |  |
| EP90 | F: GATGATAAGGATGTGAGAAA | (AT)3(AG)6(ACAG)6 | 55 | 195-215 | LR881134 |
|  | R: TGGTCAGAATTCCTACTTTA |  |  |  |  |
| EP92 | F: CTTCTCTATCAGACCACTCA | (CT)33 | 54 | 216-239 | LR881135 |
|  | R: TGAGTAGTATTGAAGGTTCG |  |  |  |  |
| EP95 | F: GATAACTTGACAAATGTGCT | (TC)4(GT)5 | 50 | 201-206 | LR881136 |
|  | R: AAGCGGCCTGAAGAG |  |  |  |  |