Genetic structure of *Vaccinium vitis-idaea* in lowland cool spot and alpine populations: Microrefugia of alpine plants in the mid-latitudes

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Appendix A. Locus name, repeat motif, allele size range, and number of alleles for each microsatellite marker

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| --- | --- | --- | --- |
| Locus | Repeat motif | Size range (bp) | Number of alleles |
| NA741 | (TC)9 | 302–356 | 23 |
| NA800 | (TC)13 | 202–246 | 20 |
| NA1040 | (TC)11 | 188–226 | 17 |
| CA169F | (GAT)4 | 109–127 | 5 |
| VCC\_I2 | (CT)14 | 205–247 | 17 |
| VCC\_K4 | (TC)16(TC)12 | 190–268 | 31 |
| CA236F | (TG)17 | 219–251 | 12 |

Appendix B. Distributions of *Vaccinium* *vitis-idaea* ramets and genets in the wind-hole and high mountain sites. Each number indicates the locations of ramets. The same number indicates genets identified as the same genotype based on seven microsatellite loci.







