

Table 3 Genetic diversity of flowering cherry germplasms

| Clusters | Observed heterozygosity | Observed homozygosity | Expected heterozygosity | Expected homozygosity | Nucleotide diversity (π) |
|----------|-------------------------|-----------------------|-------------------------|-----------------------|--------------------------------|
| I | 0.058 15 | 0.941 85 | 0.119 94 | 0.880 06 | 0.128 19 |
| II | 0.141 35 | 0.858 65 | 0.130 55 | 0.869 45 | 0.139 64 |
| III | 0.231 16 | 0.768 84 | 0.164 73 | 0.835 27 | 0.215 5 |
| IV | 0.093 01 | 0.906 99 | 0.061 22 | 0.938 78 | 0.086 82 |
| V | 0.040 42 | 0.959 58 | 0.069 73 | 0.930 27 | 0.095 49 |
| VI | 0.198 23 | 0.801 77 | 0.106 1 | 0.893 9 | 0.191 22 |
| VII | 0.183 16 | 0.816 84 | 0.158 78 | 0.841 22 | 0.168 5 |
| VIII | 0.358 63 | 0.641 37 | 0.183 43 | 0.816 57 | 0.290 98 |