**S7 Table. Hardy-Weinberg equilibrium (HWE) probability tests of each sampling locality, with the full data set and relatives removed.** Data sets from sampling localities conformed to HWE after relatives were removed.

|  |  |
| --- | --- |
| **Full data set** | **Relatives removed** |
| **Locality** | ***N*** | **HWE *p*-value** | **Bonferroni corrected *p*-value** | **Locality** | ***N*** | **HWE *p*-value** | **Bonferroni corrected *p*-value** |
| **AENP** | 79 | 0.0295\* | 0.472 | **AENP** | 19 | 0.0576 | 0.9216 |
| **GNP** | 21 | 0.9252 | 1 | **GNP** | 14 | 0.7145 | 1 |
| **MNP** | 35 | 0.0042\*\* | 0.0736 | **MNP** | 20 | 0.2237 | 1 |
| **WPP** | 95 | 0.0936 | 1 | **WPP** | 28 | 0.0149\* | 0.2384 |
| **P001** | 153 | 0.0116\* | 0.1776 | **P001** | 36 | 0.9034 | 1 |
| **P002** | 308 | 0\*\*\* | 0\*\*\* | **P002** | 53 | 0.6438 | 1 |
| **P003** | 21 | 0.0001\*\*\* | 0.0016\*\* | **P003** | 8 | 0.9798 | 1 |
| **P004** | 262 | 0\*\*\* | 0\*\*\* | **P004** | 48 | 0.067 | 1 |
| **P005** | 57 | 0.4964 | 1 | **P005** | 20 | 0.8747 | 1 |
| **P006** | 164 | 0\*\*\* | 0\*\*\* | **P006** | 46 | 0.0473\* | 0.7568 |
| **P007** | 17 | 0.8596 | 1 | **P007** | 9 | 0.9627 | 1 |
| **P008** | 54 | 0.0022\*\* | 0.0336\* | **P008** | 24 | 0.0277\* | 0.4432 |
| **P009** | 99 | 0.0031\*\* | 0.0512 | **P009** | 30 | 0.0185\* | 0.296 |
| **P010** | 35 | 0.1397 | 1 | **P010** | 14 | 0.0814 | 1 |
| **P011** | 22 | 0.5329 | 1 | **P011** | 13 | 0.5298 | 1 |
| **P012** | 37 | 0.9555 | 1 | **P012** | 17 | 0.8547 | 1 |

\**P*-value < 0.05, \*\**P*-value < 0.01, \*\*\**P*-value < 0.001, *N*: Sample size