**S4 Table. Diversity statistics for clone corrected microsatellite data for all 12 loci within populations of *Phytophthora infestans.***

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Population**a | ***n***b | **MLG**c | **eMLG(SE)** d | **H**e | **G**f | **Hexp**g | **Evenness** | **Ia**h | $\overbar{r}$***d***i |
| USHist | 33 | 30 | 10(na) | 3.40 | 30 | 1 | 1 | 0.617 | 0.0730 |
| EUHist | 13 | 13 | 10(7.3e-8) | 2.56 | 13 | 1 | 1 | 1.207 | 0.1240 |
| US-1 | 19 | 19 | 10(2.51e-7) | 2.94 | 19 | 1 | 1 | 0.995 | 0.0933 |
| SA | 30 | 29 | 10(0.13e-6) | 3.37 | 29 | 1 | 1 | 2.29 | 0.2170 |
| CA | 23 | 23 | 10(5.03e-7) | 3.14 | 23 | 1 | 1 | 3.469 | 0.3269 |
| MEX | 26 | 26 | 10(1.09e-6) | 3.26 | 26 | 1 | 1 | 0.226 | 0.0214 |
| USAGG | 30 | 30 | 10(na) | 3.40 | 30 | 1 | 1 | 0.987 | 0.0927 |
| IRE | 9 | 9 | 9(0) | 2.20 | 9 | 1 | 1 | 1.039 | 0.0987 |

a Populations sampled included USHist: US historic herbarium samples (1855-1958); EUHist: European historic herbarium samples (1846-1970); US-1 lineage (1931-1995); SA: South American (1913-2009); CA: Central American (1941-2003); MEX: Mexican (1948-1998), USAGG: US Aggressive lineages (1992-2014); IRE: Ireland (1993-1999).

b*n*: number of individuals (not clone corrected);

cMLG: number of multilocus genotypes (MLG);

deMLG: expected number of MLGs at smallest size of at least ten; SE: Standard error;

eH: Shannon-Weiner Index of MLG diversity;

fG: Stoddart and Taylor Index of MLG diversity;

gHexp: Nei’s 1978 expected heterozygosity;

hIa: Index of Association;

i$\overbar{r}$*d*: standardized index of association