|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pop | index | AL1 | AL3 | AL4 | AL5 | AL6 | AL7 | AL8 | AL10 |
| SJZ | *Null* | -0.096  | 0.056  | 0.022  | **0.152**  | -0.045  | -0.199  | -0.032  | **0.177**  |
|  | *HWE* | NS  | NS | NS  | \* | NS  | NS  | NS  | \* |
| HY | *Null* | 0.079  | -0.122  | 0.020  | -0.134  | -0.064  | -0.035  | 0.027  | 0.017  |
|  | *HWE* | NS | NS | NS | NS | NS | NS | NS | NS |
| LH | *Null* | -0.032  | -0.038  | 0.019  | 0.071  | 0.079  | -0.106  | 0.037  | 0.120  |
|  | *HWE* | NS | NS | NS | NS | NS | NS | NS | \* |
| XJ | *Null* | 0.028  | -0.204  | 0.052  | 0.054  | -0.052  | 0.006  | 0.044  | 0.013  |
|  | *HWE* | NS | NS | NS | NS | NS | NS | NS | NS |
| YY | *Null* | 0.127  | -0.255  | **0.174**  | 0.065  | **0.244**  | -0.015  | -0.026  | 0.042  |
|  | *HWE* | NS | NS | \* | NS  | \* | NA | NS | NS |

**Table S1.** Estimates of null frequency and tests of HWE for each locus in five *A. lepigone* populations.

*Null,* frequency of null allele, bold indicates significant presence of null allele. *HWE*, Hardy–Weinberg equilibrium, NS indicates non-significant departures from *HWE,* \* indicates significant departures from *HWE* (after FDR correction), NA, *HWE* analysis is not available due to non-polymorphism.