|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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.