|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group\* | AH | SX | HB | HN | CQ | GZ | SC | JX | ZJ | FJ | GD | GX |
| AH | \*\*\*\* |  |  |  |  |  |  |  |  |  |  |  |
| SX | 0.075 | \*\*\*\* |  |  |  |  |  |  |  |  |  |  |
| HB | 0.042 | 0.027 | \*\*\*\* |  |  |  |  |  |  |  |  |  |
| HN | 0.044 | 0.040 | 0.024 | \*\*\*\* |  |  |  |  |  |  |  |  |
| CQ | 0.096 | 0.056 | 0.048 | 0.048 | \*\*\*\* |  |  |  |  |  |  |  |
| GZ | 0.095 | 0.083 | 0.065 | 0.059 | 0.057 | \*\*\*\* |  |  |  |  |  |  |
| SC | 0.074 | 0.034 | 0.030 | 0.032 | 0.036 | 0.054 | \*\*\*\* |  |  |  |  |  |
| JX | 0.067 | 0.079 | 0.053 | 0.051 | 0.085 | 0.084 | 0.051 | \*\*\*\* |  |  |  |  |
| ZJ | 0.069 | 0.162 | 0.118 | 0.108 | 0.158 | 0.158 | 0.122 | 0.078 | \*\*\*\* |  |  |  |
| FJ | 0.115 | 0.218 | 0.178 | 0.170 | 0.203 | 0.188 | 0.183 | 0.122 | 0.082 | \*\*\*\* |  |  |
| GD | 0.114 | 0.173 | 0.133 | 0.118 | 0.129 | 0.117 | 0.129 | 0.106 | 0.127 | 0.108 | \*\*\*\* |  |
| GX | 0.099 | 0.145 | 0.112 | 0.118 | 0.135 | 0.143 | 0.121 | 0.090 | 0.111 | 0.117 | 0.085 | \*\*\*\* |

**Table S3**. **Genetic distance for each pair of the 12 tung tree groups.** Lower triangular matrix, Genetic distance.

\* SC, Sichuan Province; SX, Shaanxi Province; HB, Hubei Province; AH, Anhui Province; GZ, Guizhou Province; HN, Hunan Province; JX, Jiangxi Province; ZJ, Zhejiang Province; FJ, Fujian Province; GD, Guangdong Province; GX, Guangxi Zhuangzu Autonomous Region; CQ, Chongqing Municipality.