**Table S3** Nei’s genetic distance after Lynch & Milligan method calculate from AFLPsurv software.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table 6 | ChangNing | ChangSha | GuangDe | GuangNing | GuiLin | HengYang | HuaRong | JianOu | JinPing | JinYunShan | MaYangHe | MengLa | MengLun | NanJing | QuanZhou | QuZhou | RongAn | ShiCheng | ShuangPai | ShuCheng | TaoJiang | TaoYuan | WuHan | ZiJinShan | ZiYang |
| ChangNing | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ChangSha | 0.005  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GuangDe | 0.022  | 0.006  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GuangNing | 0.001  | 0.007  | 0.025  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GuiLin | 0.002  | 0.000  | 0.010  | 0.011  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HengYang | 0.013  | 0.003  | 0.008  | 0.015  | 0.007  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HuaRong | 0.006  | 0.000  | 0.006  | 0.008  | 0.000  | 0.000  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JianOu | 0.009  | 0.002  | 0.012  | 0.012  | 0.006  | 0.006  | 0.005  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JinPing | 0.005  | 0.001  | 0.015  | 0.012  | 0.001  | 0.014  | 0.003  | 0.007  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JinYunShan | 0.004  | 0.008  | 0.022  | 0.008  | 0.007  | 0.015  | 0.007  | 0.017  | 0.004  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MaYangHe | 0.031  | 0.029  | 0.044  | 0.039  | 0.029  | 0.043  | 0.030  | 0.029  | 0.010  | 0.029  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MengLa | 0.004  | 0.009  | 0.024  | 0.004  | 0.010  | 0.020  | 0.015  | 0.021  | 0.015  | 0.012  | 0.045  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MengLun | 0.007  | 0.000  | 0.009  | 0.016  | 0.000  | 0.003  | 0.000  | 0.003  | 0.000  | 0.010  | 0.030  | 0.015  | \* |  |  |  |  |  |  |  |  |  |  |  |  |
| NanJing | 0.010  | 0.004  | 0.017  | 0.014  | 0.007  | 0.013  | 0.010  | 0.002  | 0.010  | 0.020  | 0.036  | 0.023  | 0.003  | \* |  |  |  |  |  |  |  |  |  |  |  |
| QuanZhou | 0.005  | 0.003  | 0.021  | 0.003  | 0.006  | 0.011  | 0.002  | 0.009  | 0.001  | 0.006  | 0.027  | 0.018  | 0.005  | 0.010  | \* |  |  |  |  |  |  |  |  |  |  |
| QuZhou | 0.010  | 0.003  | 0.009  | 0.013  | 0.007  | 0.000  | 0.003  | 0.004  | 0.013  | 0.015  | 0.041  | 0.017  | 0.003  | 0.010  | 0.011  | \* |  |  |  |  |  |  |  |  |  |
| RongAn | 0.002  | 0.000  | 0.012  | 0.006  | 0.000  | 0.004  | 0.000  | 0.005  | 0.002  | 0.001  | 0.030  | 0.013  | 0.000  | 0.009  | 0.001  | 0.002  | \* |  |  |  |  |  |  |  |  |
| ShiCheng | 0.006  | 0.002  | 0.019  | 0.014  | 0.004  | 0.012  | 0.006  | 0.003  | 0.002  | 0.013  | 0.027  | 0.017  | 0.000  | 0.004  | 0.006  | 0.009  | 0.004  | \* |  |  |  |  |  |  |  |
| ShuangPai | 0.006  | 0.001  | 0.011  | 0.010  | 0.000  | 0.003  | 0.000  | 0.004  | 0.006  | 0.011  | 0.033  | 0.018  | 0.000  | 0.006  | 0.003  | 0.002  | 0.000  | 0.006  | \* |  |  |  |  |  |  |
| ShuCheng | 0.003  | 0.008  | 0.025  | 0.001  | 0.011  | 0.021  | 0.012  | 0.015  | 0.013  | 0.013  | 0.040  | 0.008  | 0.017  | 0.015  | 0.009  | 0.018  | 0.011  | 0.016  | 0.015  | \* |  |  |  |  |  |
| TaoJiang | 0.003  | 0.000  | 0.015  | 0.009  | 0.002  | 0.007  | 0.001  | 0.003  | 0.001  | 0.007  | 0.027  | 0.014  | 0.000  | 0.005  | 0.003  | 0.004  | 0.000  | 0.000  | 0.001  | 0.013  | \* |  |  |  |  |
| TaoYuan | 0.004  | 0.001  | 0.008  | 0.010  | 0.000  | 0.006  | 0.000  | 0.005  | 0.005  | 0.008  | 0.033  | 0.015  | 0.001  | 0.006  | 0.005  | 0.002  | 0.000  | 0.008  | 0.000  | 0.013  | 0.003  | \* |  |  |  |
| WuHan | 0.008  | 0.000  | 0.010  | 0.013  | 0.000  | 0.011  | 0.006  | 0.003  | 0.003  | 0.014  | 0.033  | 0.013  | 0.000  | 0.002  | 0.010  | 0.009  | 0.006  | 0.002  | 0.007  | 0.011  | 0.003  | 0.005  | \* |  |  |
| ZiJinShan | 0.002  | 0.002  | 0.011  | 0.009  | 0.000  | 0.005  | 0.000  | 0.009  | 0.004  | 0.002  | 0.028  | 0.011  | 0.002  | 0.012  | 0.007  | 0.006  | 0.000  | 0.009  | 0.001  | 0.012  | 0.002  | 0.000  | 0.007  | \* |  |
| ZiYang | 0.003  | 0.002  | 0.018  | 0.001  | 0.003  | 0.014  | 0.009  | 0.010  | 0.008  | 0.006  | 0.036  | 0.000  | 0.010  | 0.010  | 0.011  | 0.011  | 0.005  | 0.012  | 0.011  | 0.004  | 0.008  | 0.006  | 0.004  | 0.004  | \* |