**Table S5** AMOVA result of *P. serrulata*

| Source | Degree of freedom(df) | The sum of squares(SS) | The mean sum of squares(MS) | Estimation of variance components. (Est. Var.) | Participation/ % (%) |
|---|---|---|---|---|---|
| Among Pops | 4 | 117.300 | 29.325 | 0.859 | 11% |
| Within Pops | 119 | 796.135 | 4.331 | 7.030 | 89% |
| Total | 123 | 913.435 | | 7.652 | 100% |
| | | | $F_{ST}$=0.112 | | |