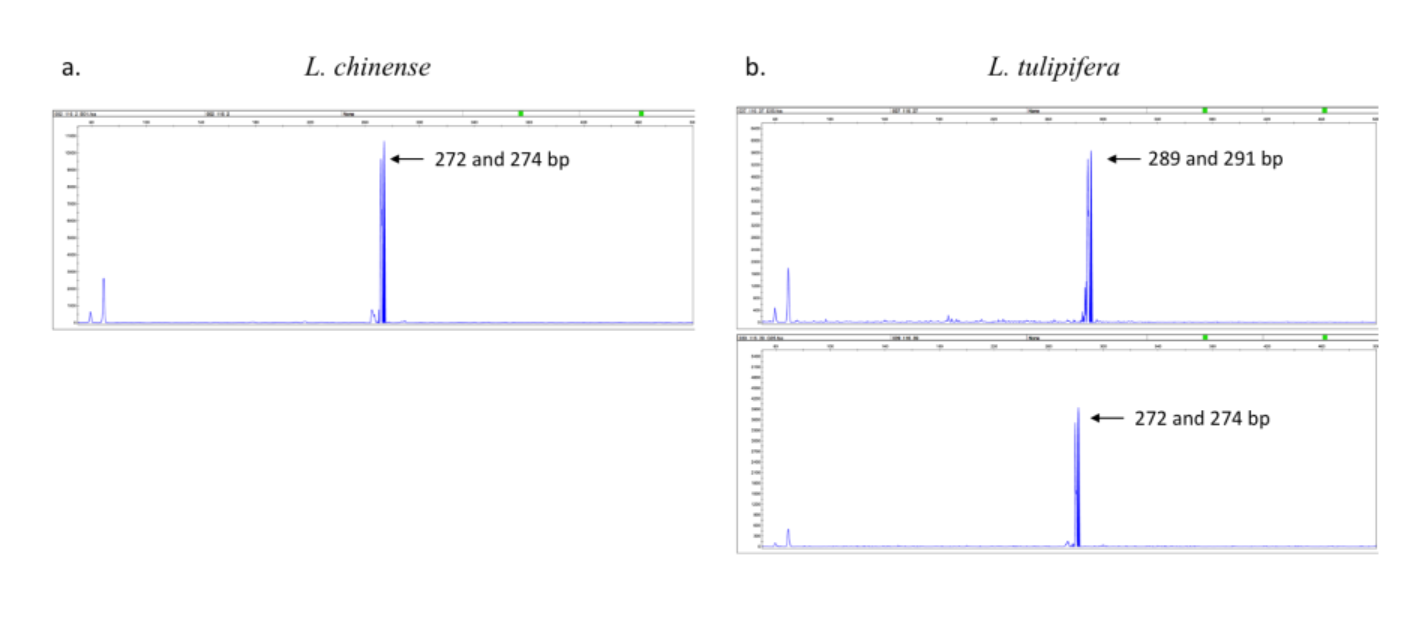
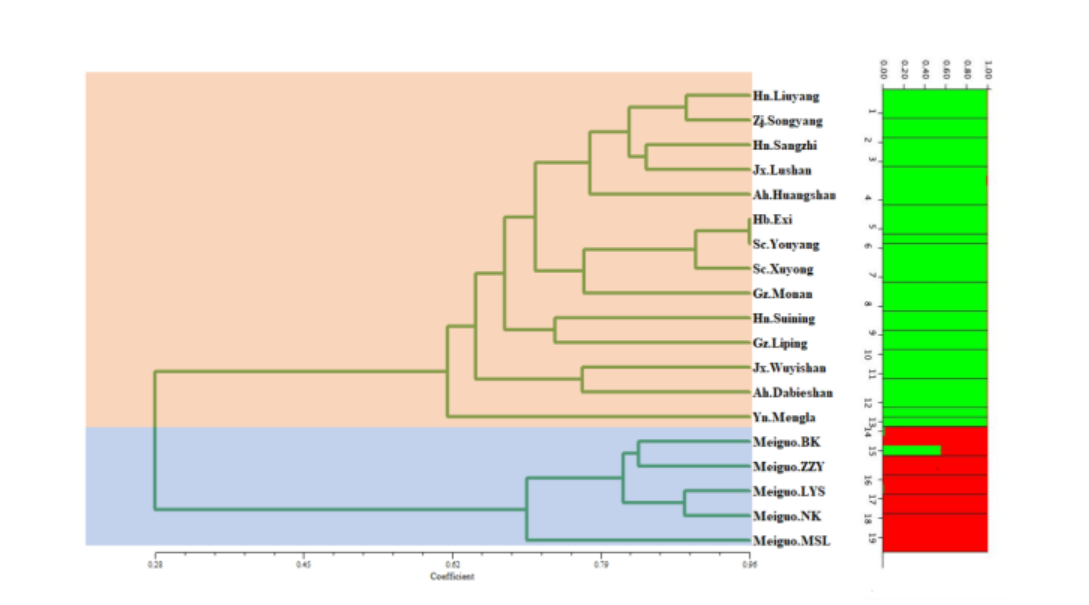


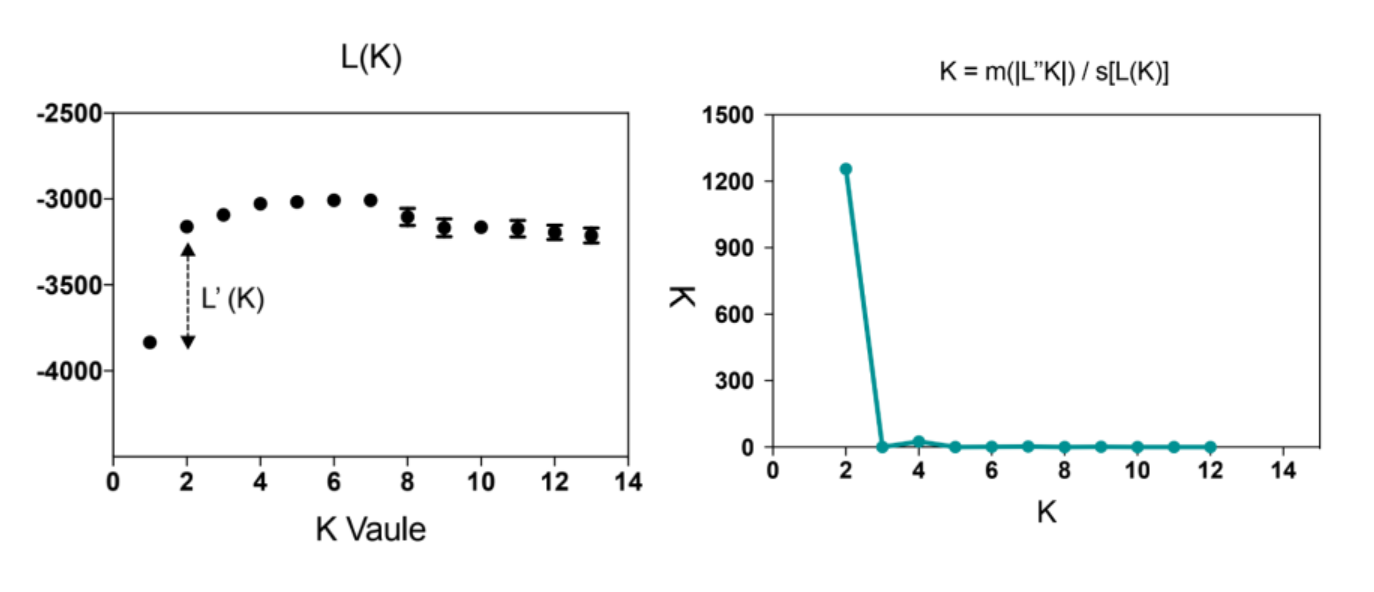
**Figure S1.** (**a**) Frequencies of the various 418 EST-SSR motifs.(**b**): PCR amplification results separated by electrophoresis on 8% polyacrylamide denaturing gels and visualized with silver nitrate staining based on random eight *Liriodendron* individuals.



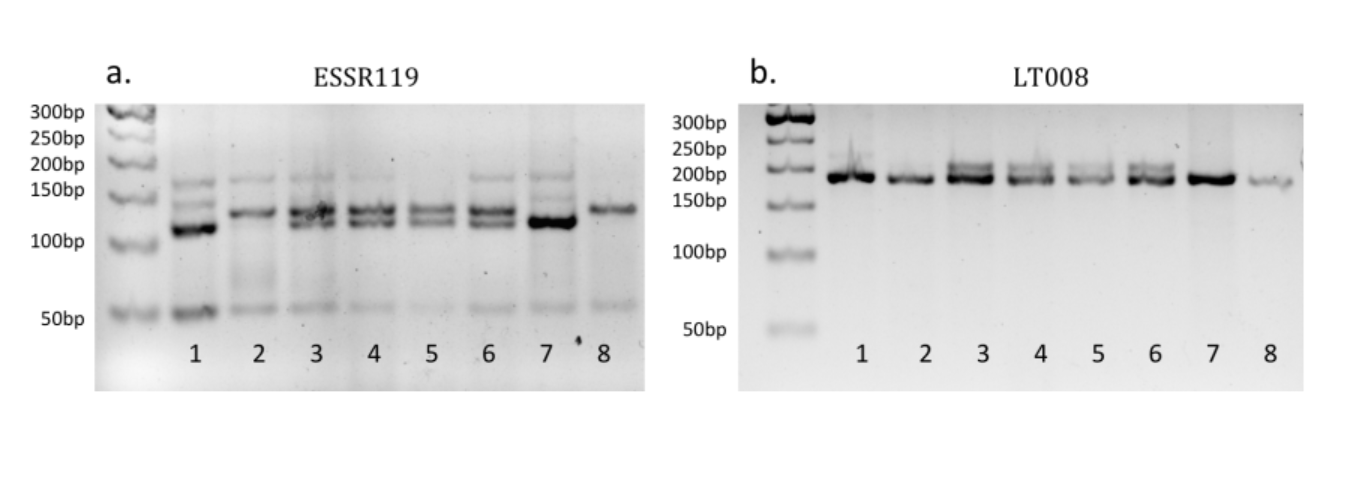
**Figure S2.** PCR products amplified by EST-SSR marker (ESSR116).



**Figure S3.** Structure clustering results of 14 *L. chinense* and 5 *L. tulipifera* provenances based on EST-SSR markers.



**Figure S4.** The population structure based on 13 provenances whose sample greater than three individuals at K = 2 as determined using both an estimate of the posterior probability of the data for a given K and the Evanno ΔK.



**Figure S5.** PCR products amplified by two EST-SSR markers (a. ESSR119; b. LT008.) within the same set of samples.