

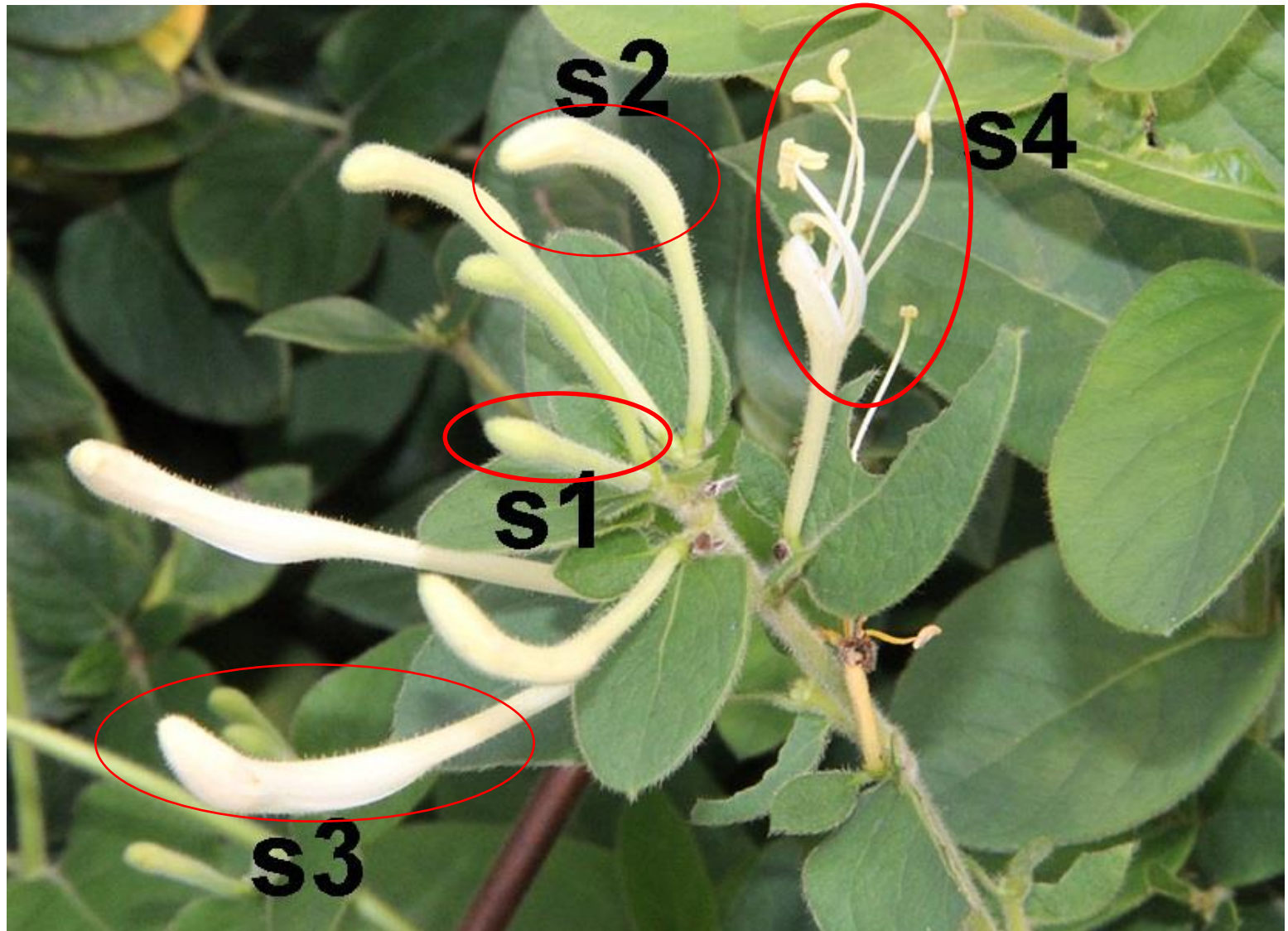




Figure S1 | The morphological photos of *L. japonica* flower in five different developmental stages. S1: The juvenile bud stage, S2: The third green stage, S3: The complete white stage, S4: The silver flowering stage, S5: The gold flowering stage

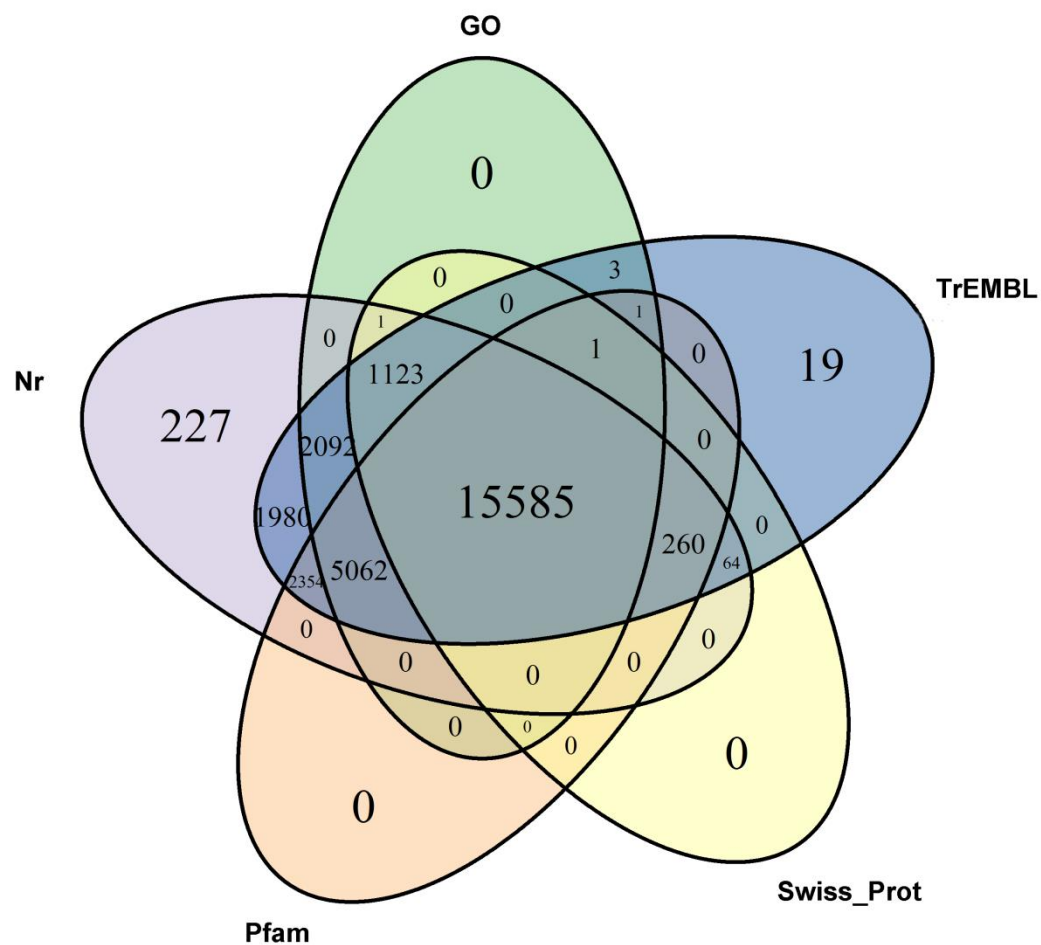


Figure S2 | Annotation of assembled *L. japonica* unigenes. In total, 28780 unigenes were annotated by different databases, including NR, GO, TrEMBL, Swiss_Prot, Pfam. The annotation was conducted using Blast with an E-value cut-off of 1e-5.

NR taxonomy structure

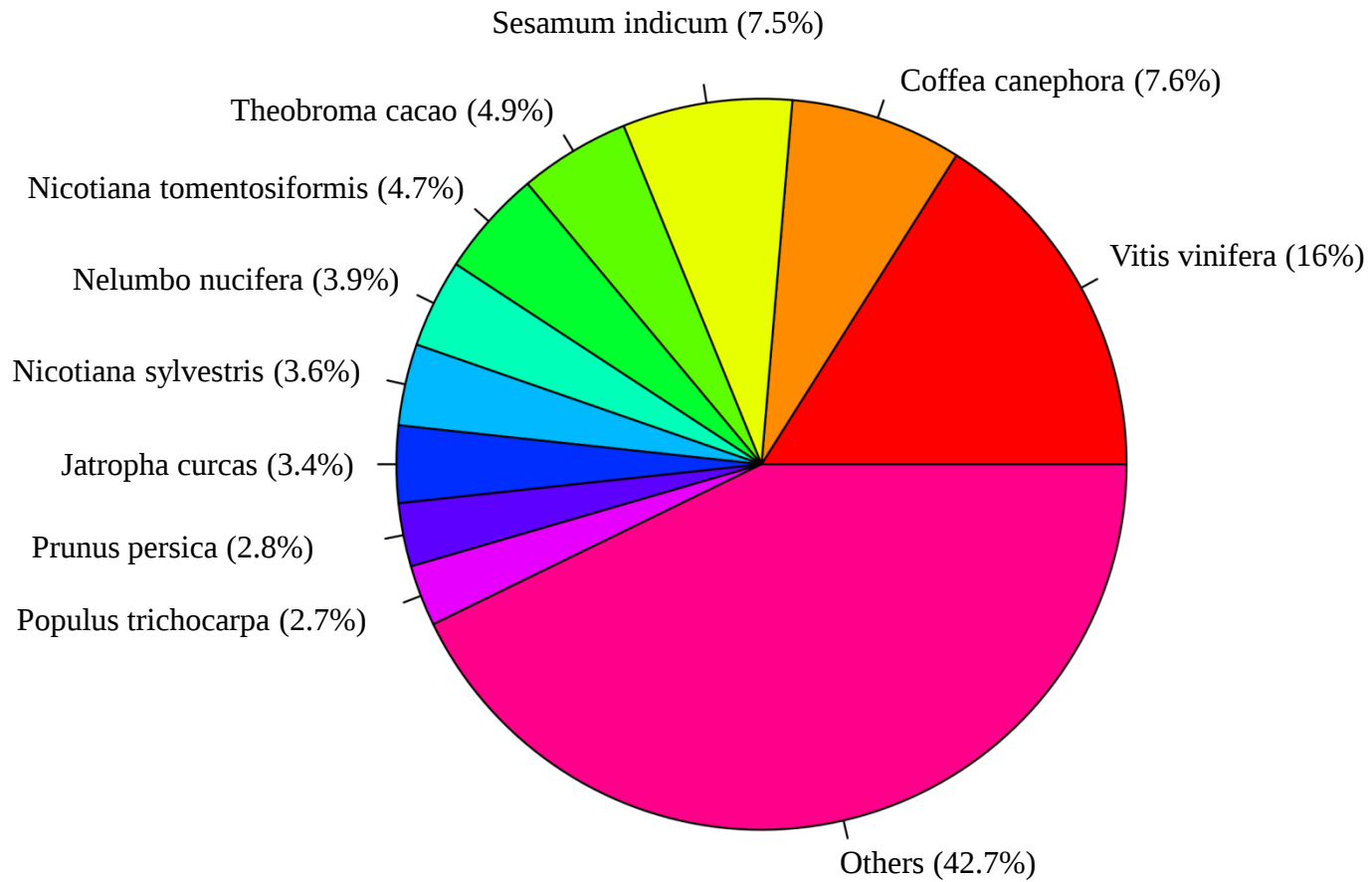


Figure S3 | Identification of the transcripts of other plant species homologous to the annotated unigenes of *L. japonica* in NR database.

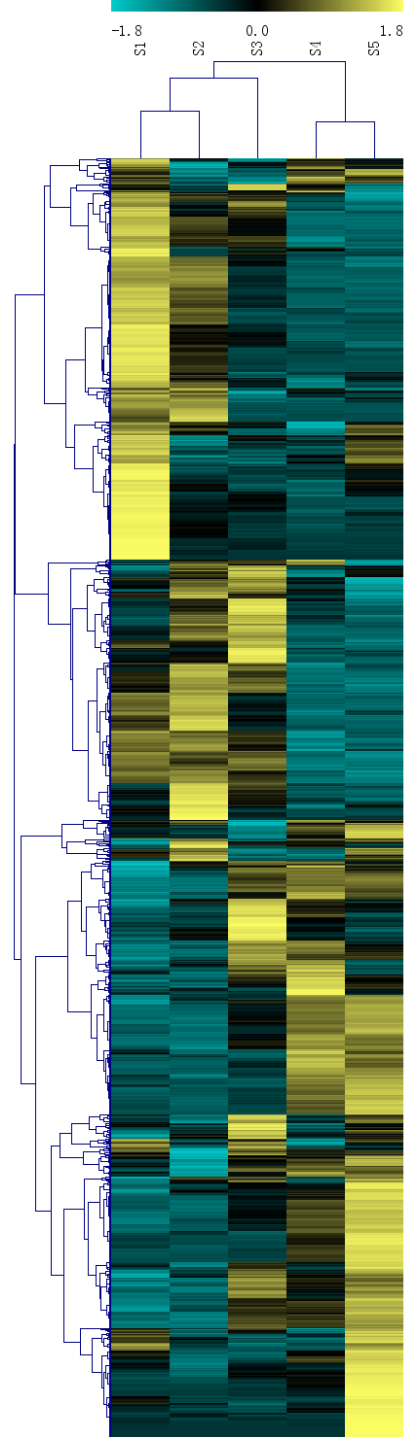


Figure S4 | Heatmap of DETFs in different stages of *L. japonica* flowers.

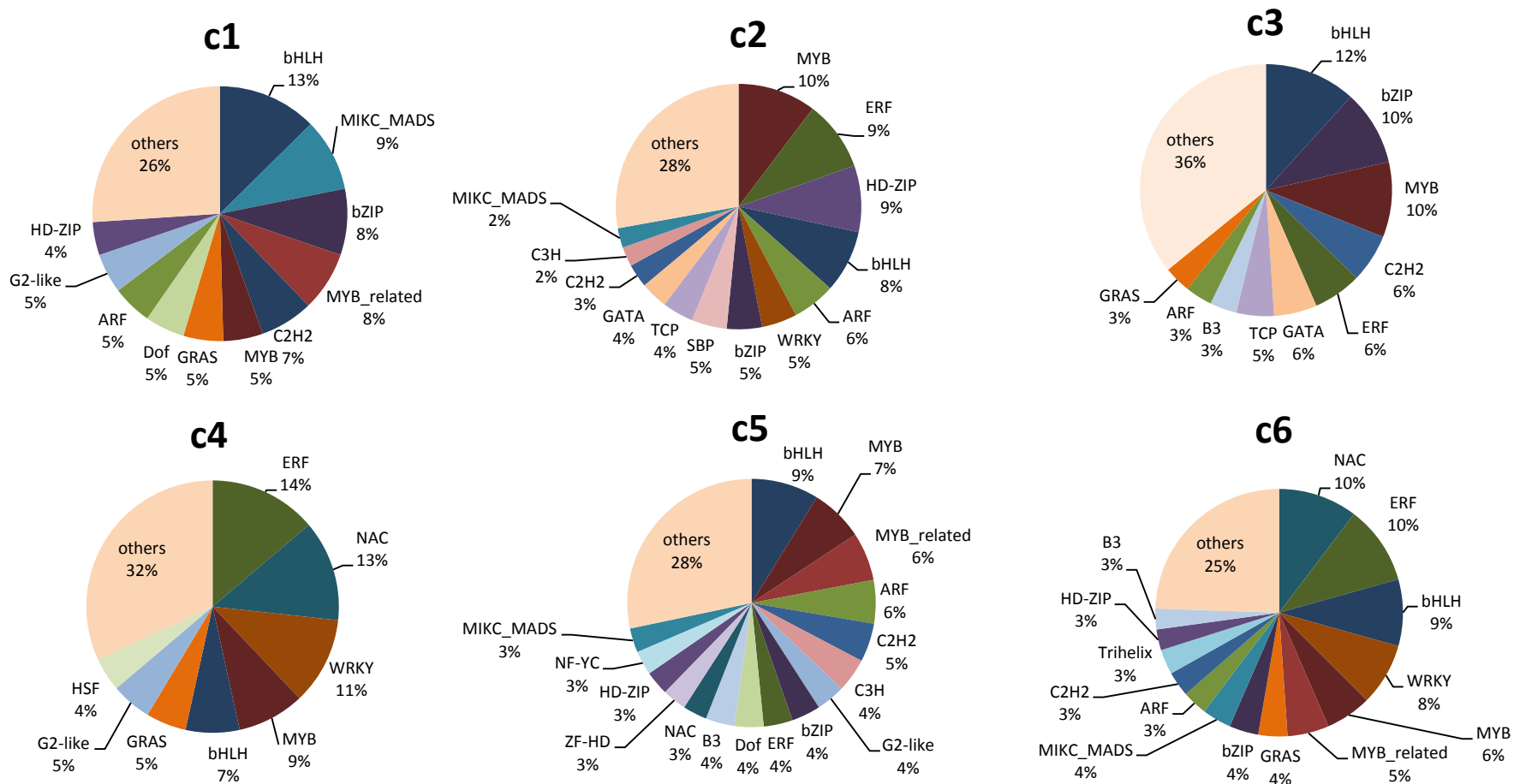


Figure S5 | Family distribution of TFs in each cluster. The TFs family that the members in it less than five was considered as others.