YN2　　　　　　GH4　　　　　　GH5　　　　　　GH6

Supplementary Figure 1. Glandular hair characteristics of four *V. adenoclada* grape varieties

CS   Mar   PV   NW196
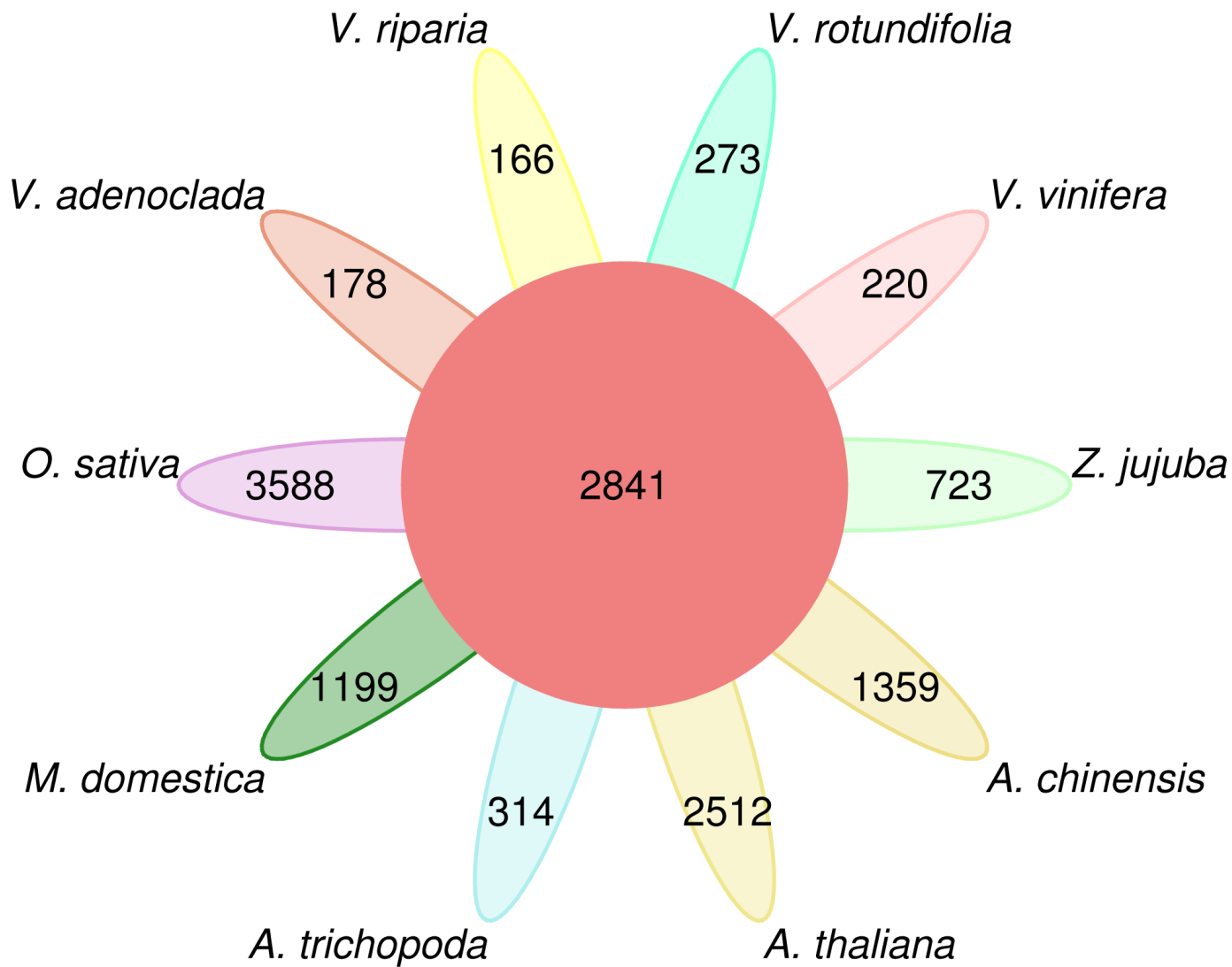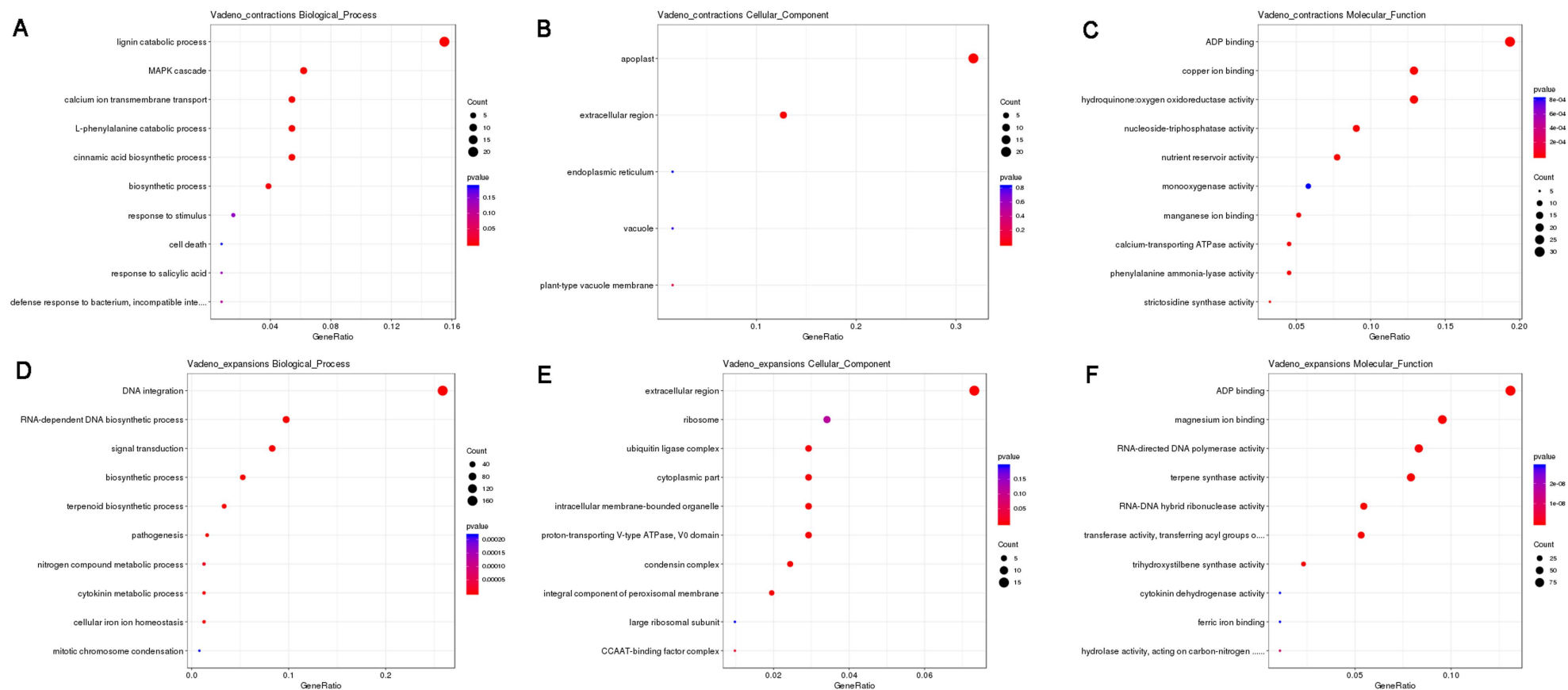
YN2   GH4   GH5   GH6

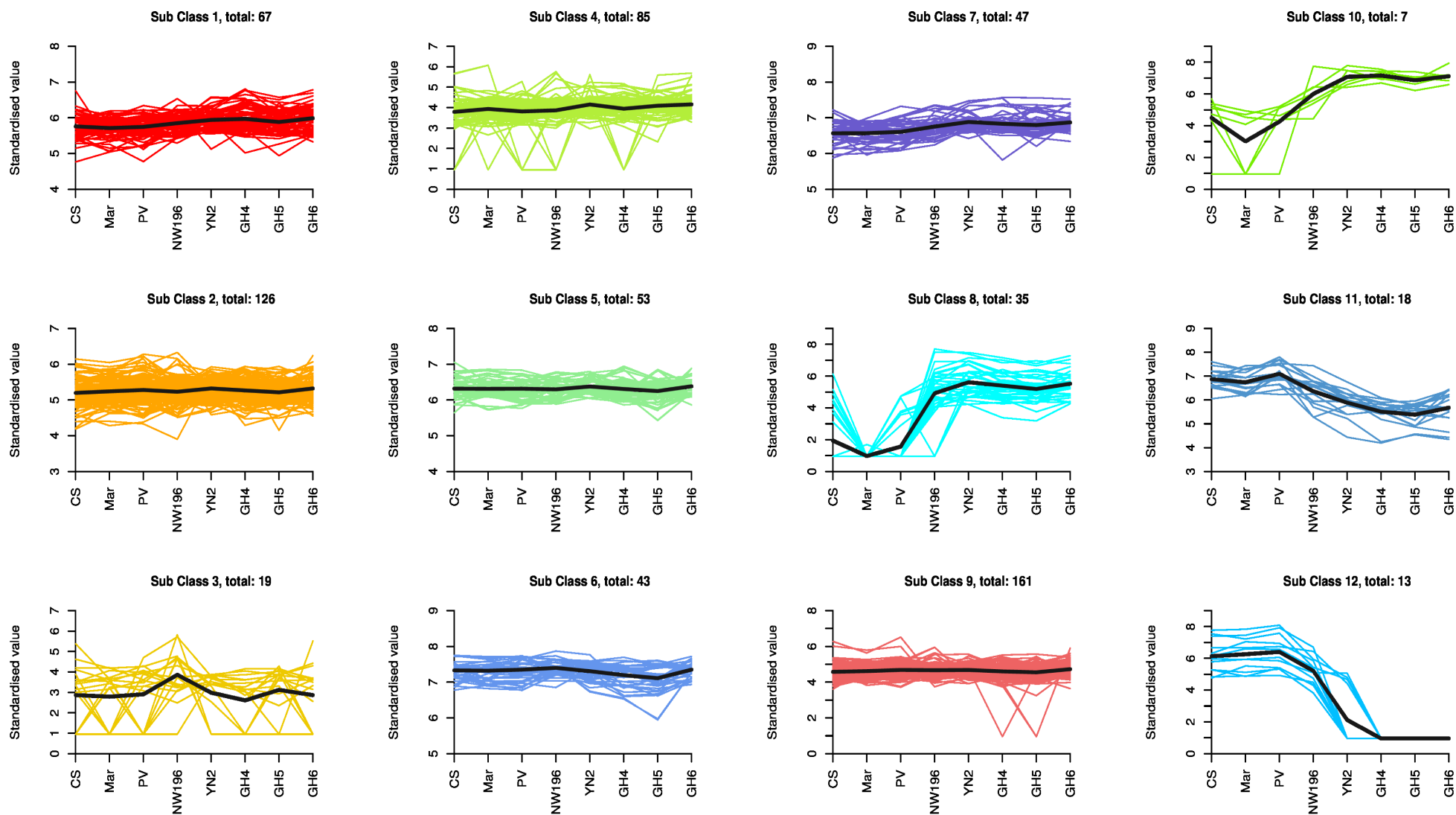Supplementary Figure 2. Photos of eight grapes at harvest stage

Supplementary Figure 3. The clustering of gene families

Supplementary Figure 4. GO enrichment analyses of expanded and contracted gene families

Supplementary Figure 5. K-means clustering analysis of patterns of 674 metabolites in eight grapes