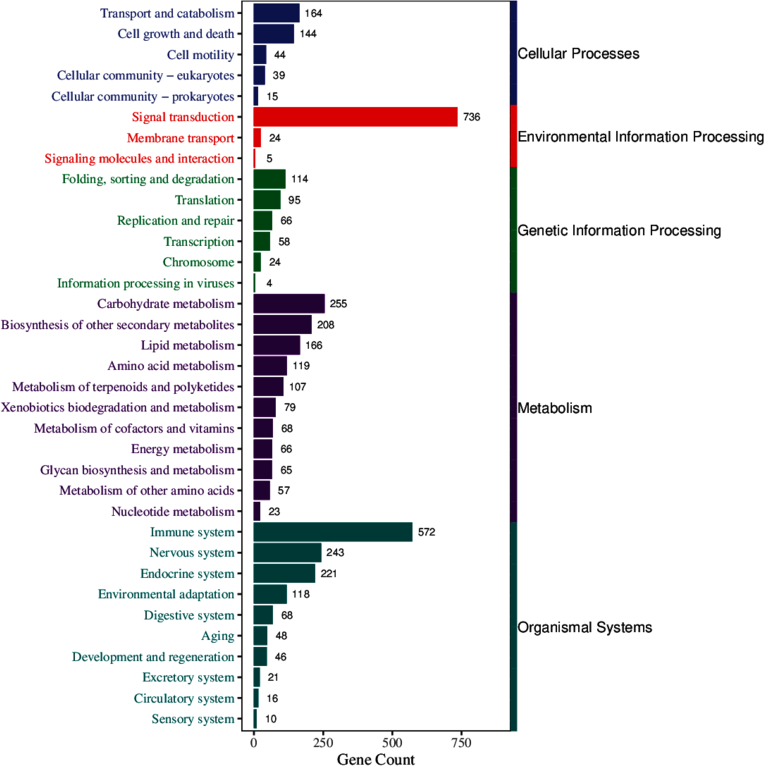
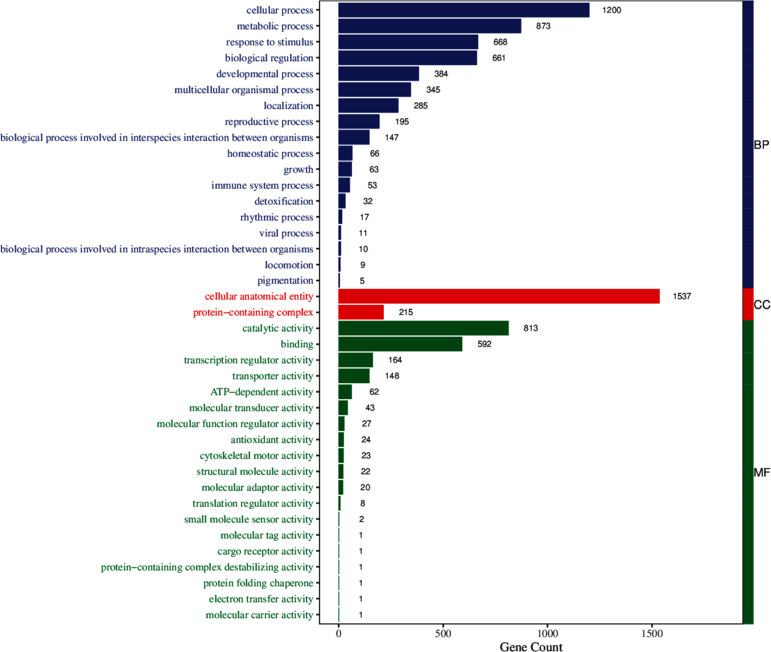


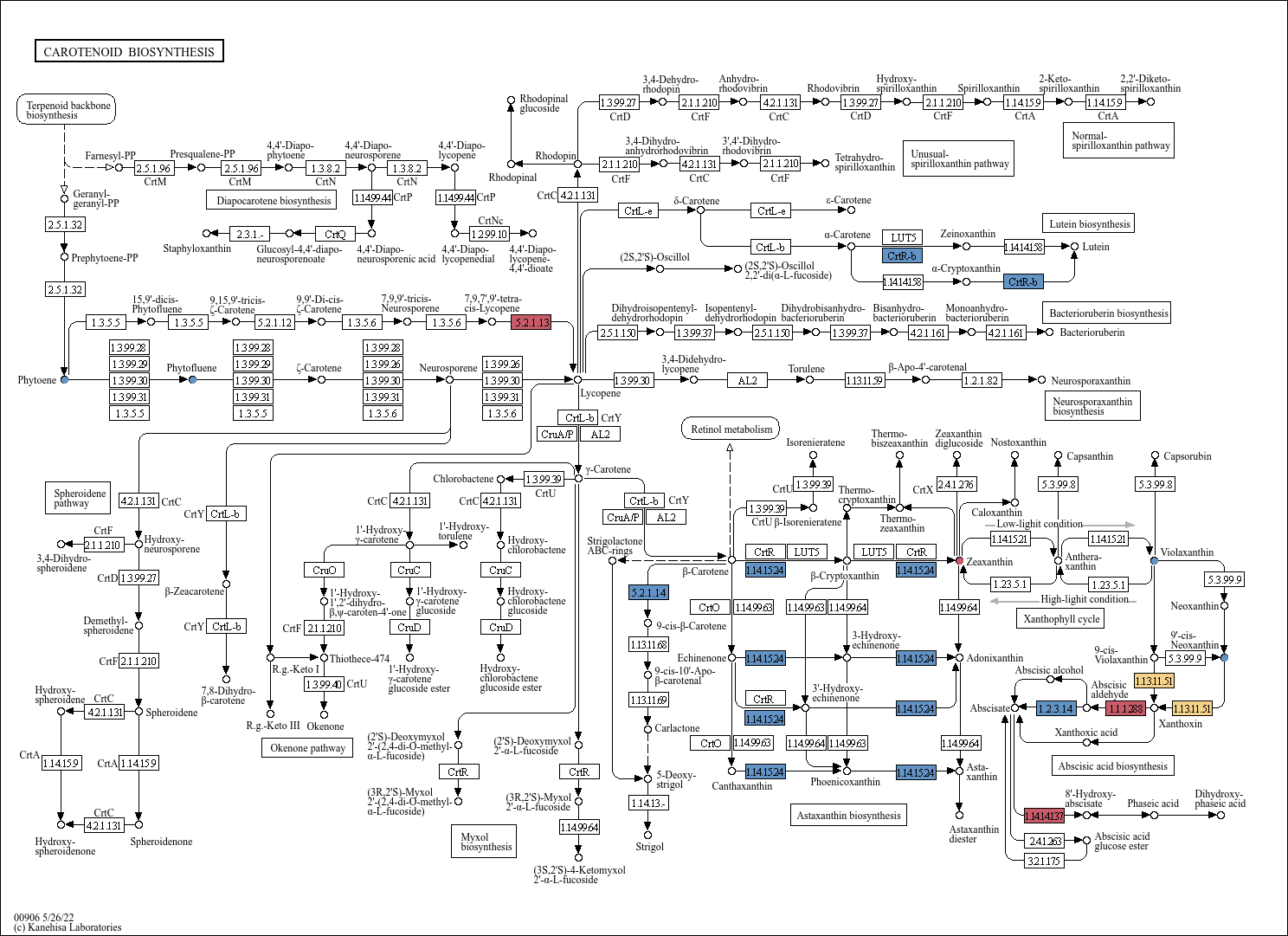
**Figure S1.** Principal component analysis based on the overall gene expression in P1 (wild-type) and P2 (yellow-leaf mutant) *Rehmannia chingii* plants.



**Figure S2.** a) KEGG pathways to which the differentially expressed genes between P1 (wild-type) and P2 (yellow-leaf mutant) *Rehmannia chingii* plants were expressed.



**Figure S2.** b) GO terms to which the differentially expressed genes between P1 (wild-type) and P2 (yellow-leaf mutant) *Rehmannia chingii* plants were expressed.



**Figure S3.** Metabolites (carotenoid and xanthophyll) and DEG enriched in carotenoid biosynthesis pathway. Blue, red, and yellow colors represent low, high, and mixed expression of DEGs in P2 compared to P1 *R. chingii* leaves.