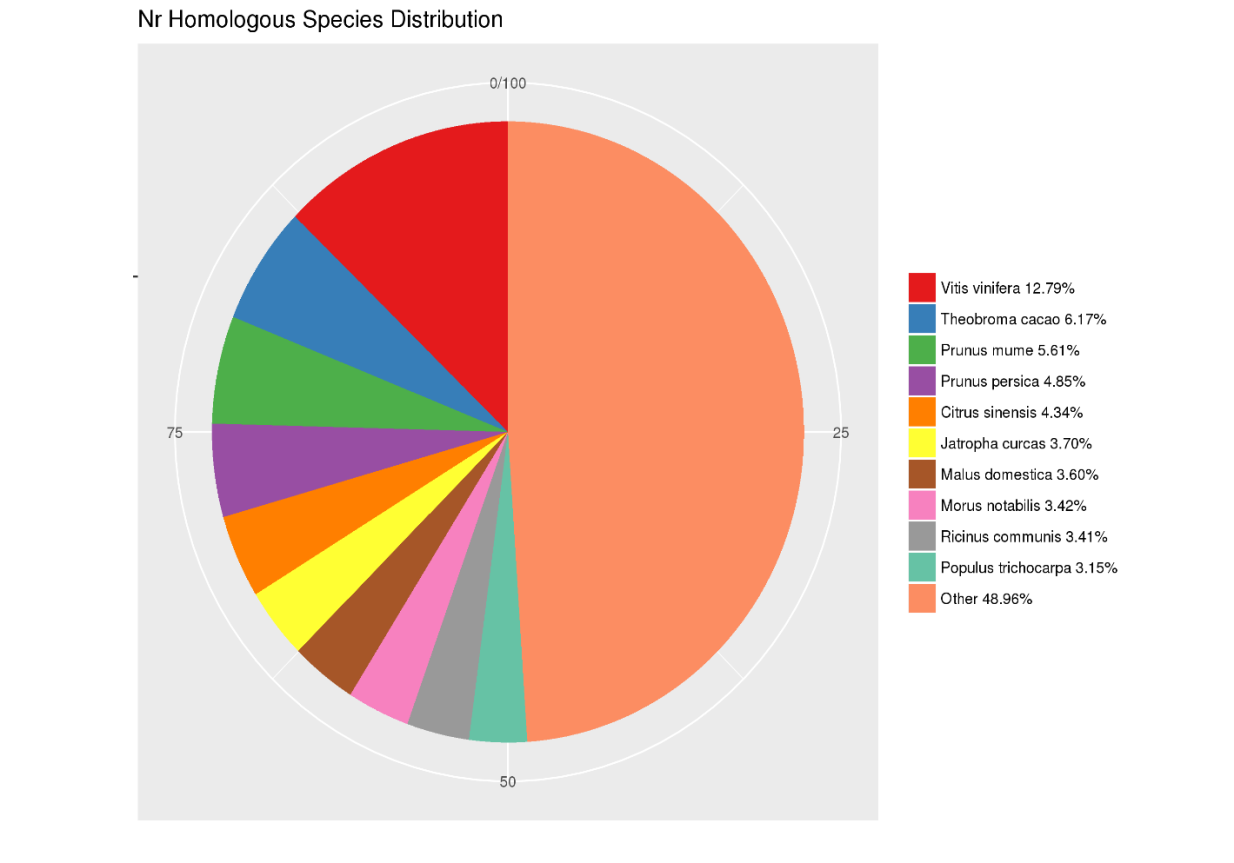
Fig.S1 NR database sequence alignment result graph 

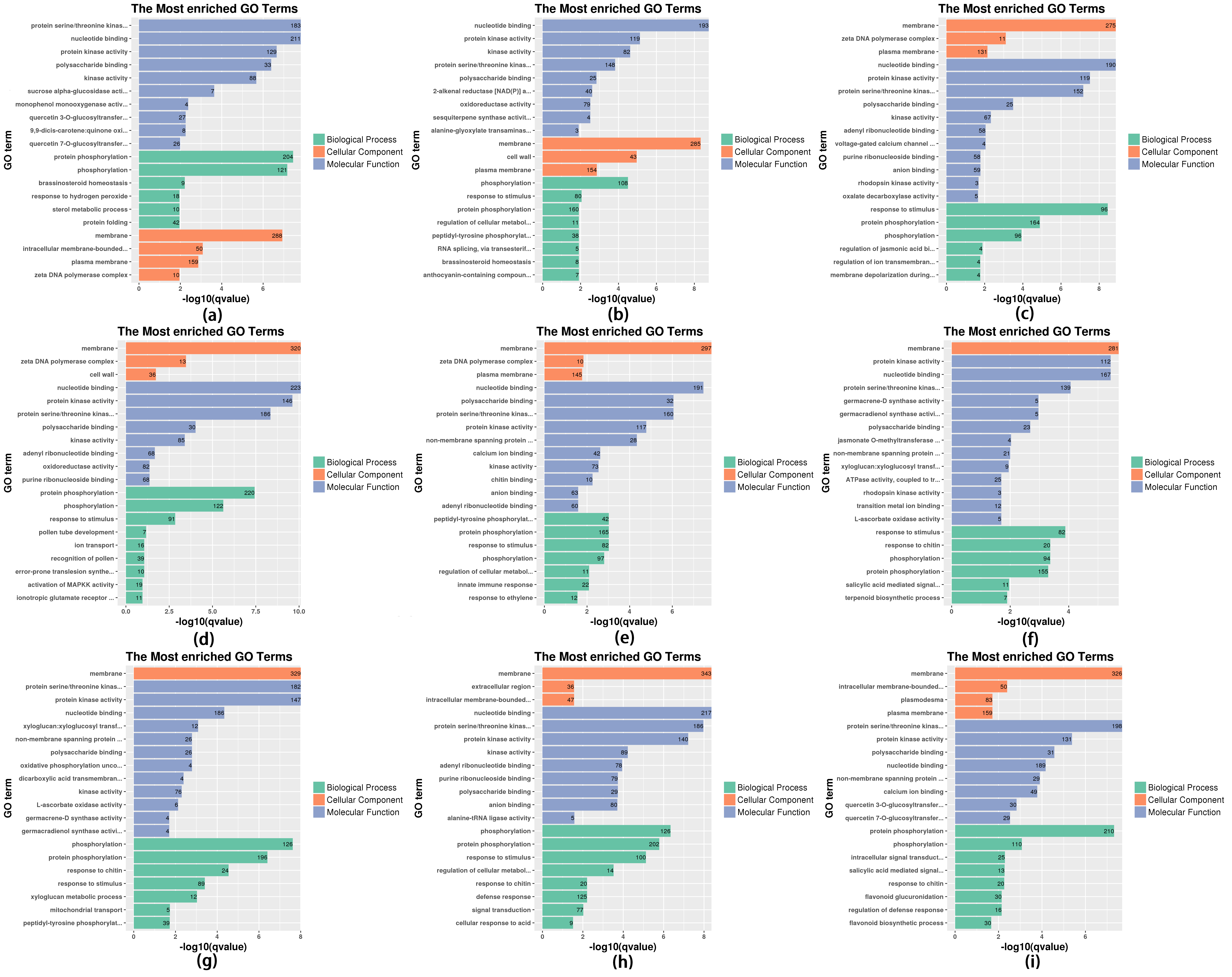


Fig.S2 GO enrichment results of differentially expressed genes. a–i. Enriched GO terminology among the DEGs in response to the red, blue, green, LD8h, LD11h, LD14h, LI2, LI4, and LI6 light treatments, respectively. The ordinate is the enriched GO term, and the abscissa is the term enriched q value on the column. The number indicates the number of differential genes. Different colors are used to distinguish three major categories of GO.

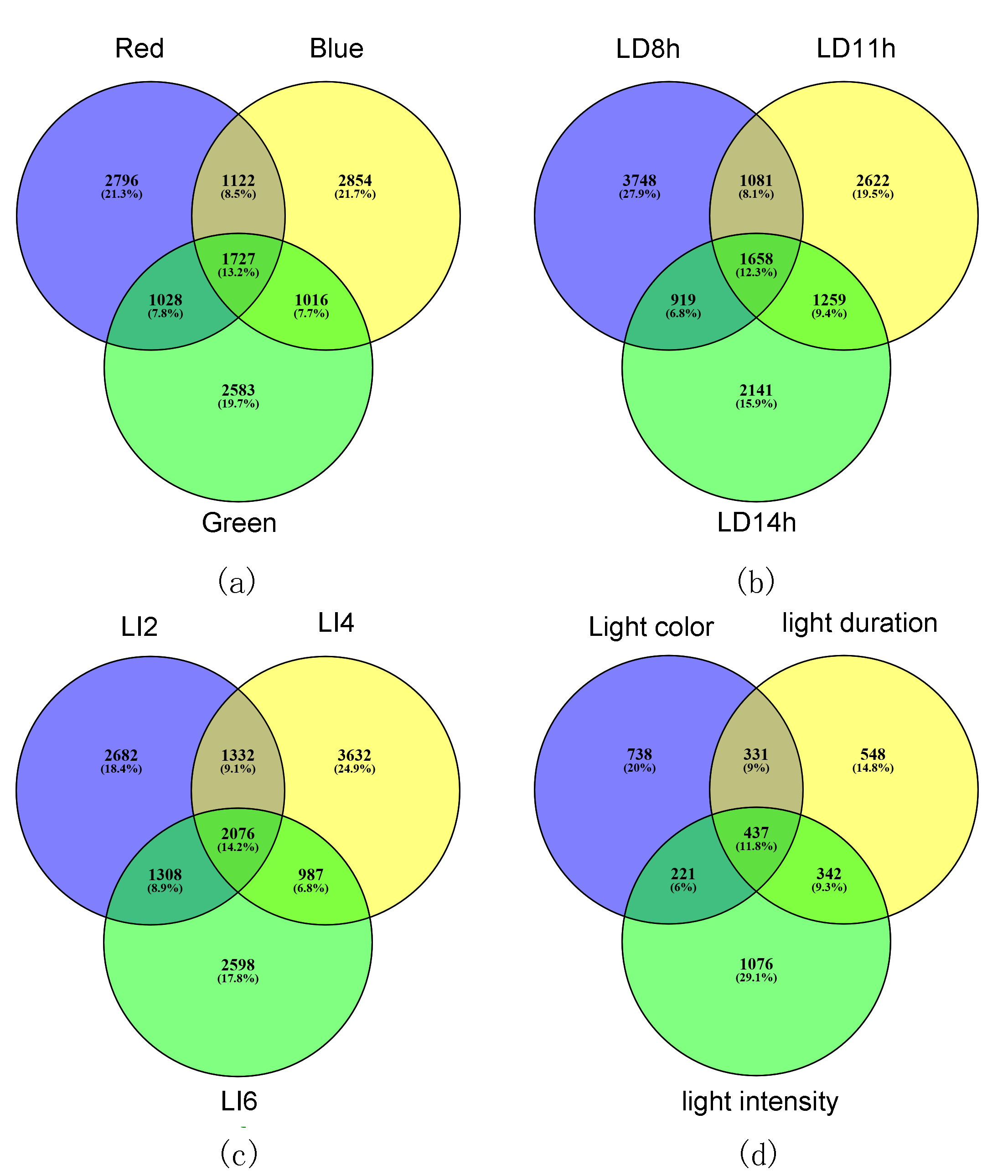


Fig.S3 Differentially expressed genes(DEGs) in different treatment groups. a. DEGs in three different light quality treatment groups. b. DEGs in three different photoperiod treatment groups. c. DEGs in three different light intensity treatment groups. d.Genes differentially expressed in the same treatment type.