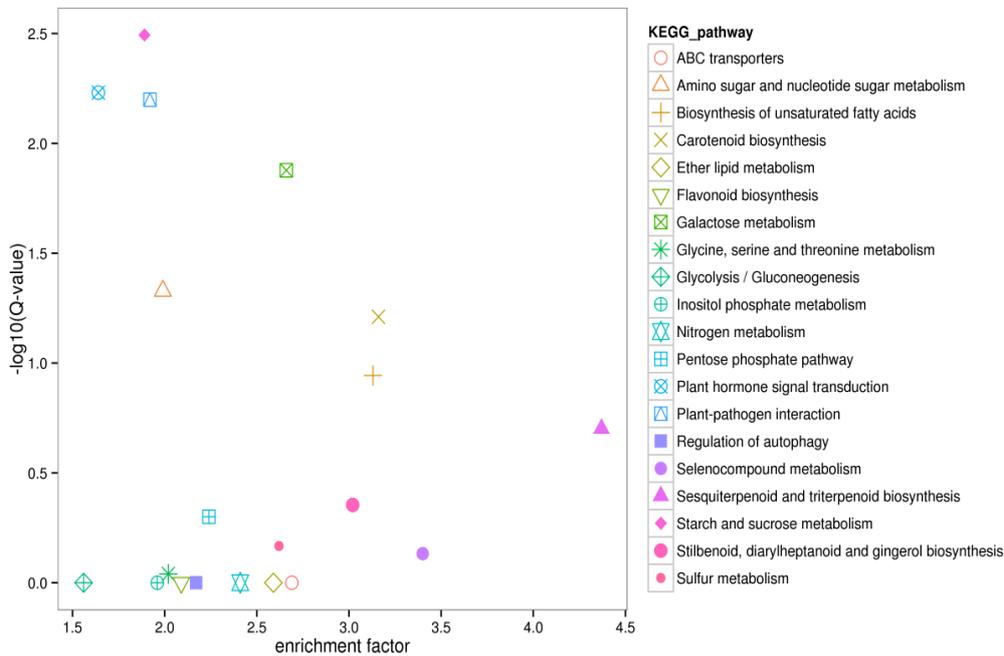


A



B

Supplementary Figure S1. KEGG categories of DEGs in response to Heat stress. (A). Most enriched KEGG categories analysis. The vertical axis lists the names of the all DEGs in metabolic pathways in the KEGG database, and the horizontal axis shows the proportion of annotated genes in each pathway divided by the total number of annotated genes. **(B).** DEGs KEGG enriched pathway analysis. 20 most significant pathways are selected in this figure (B) based on Q-value selection. X-axis represent the enrichment factor, which indicate the ratio between the ratio of enriched DEGs of one specific pathway and total genes enriched in this specific pathway. Higher enrichment factor means higher enrichment level of DEGs in one specific pathway. Y-axis represents the Q-value. Higher Q-value means higher significance of DEG enrichments.