



**Supplementary Figure 7.** KEGG Analysis of DEGs in different comparisons. (a) Enriched pathways in F7M were discovered through the use of DEGs obtained from comparing 15 DAP to 10 DAP. (b) Enriched pathways in LY287 were discovered through the use of DEGs obtained from comparing 15 DAP to 10 DAP. (c) Enriched pathways in F7M were discovered through the use of DEGs obtained from comparing 20 DAP to 10 DAP. (d) Enriched pathways in LY287 were discovered through the use of DEGs obtained from comparing 20 DAP to 10 DAP. Red arrows indicate the most enriched pathways in each comparison. Red number represents the top 3 enriched pathways, and red box highlight the starch and sucrose metabolism pathways.