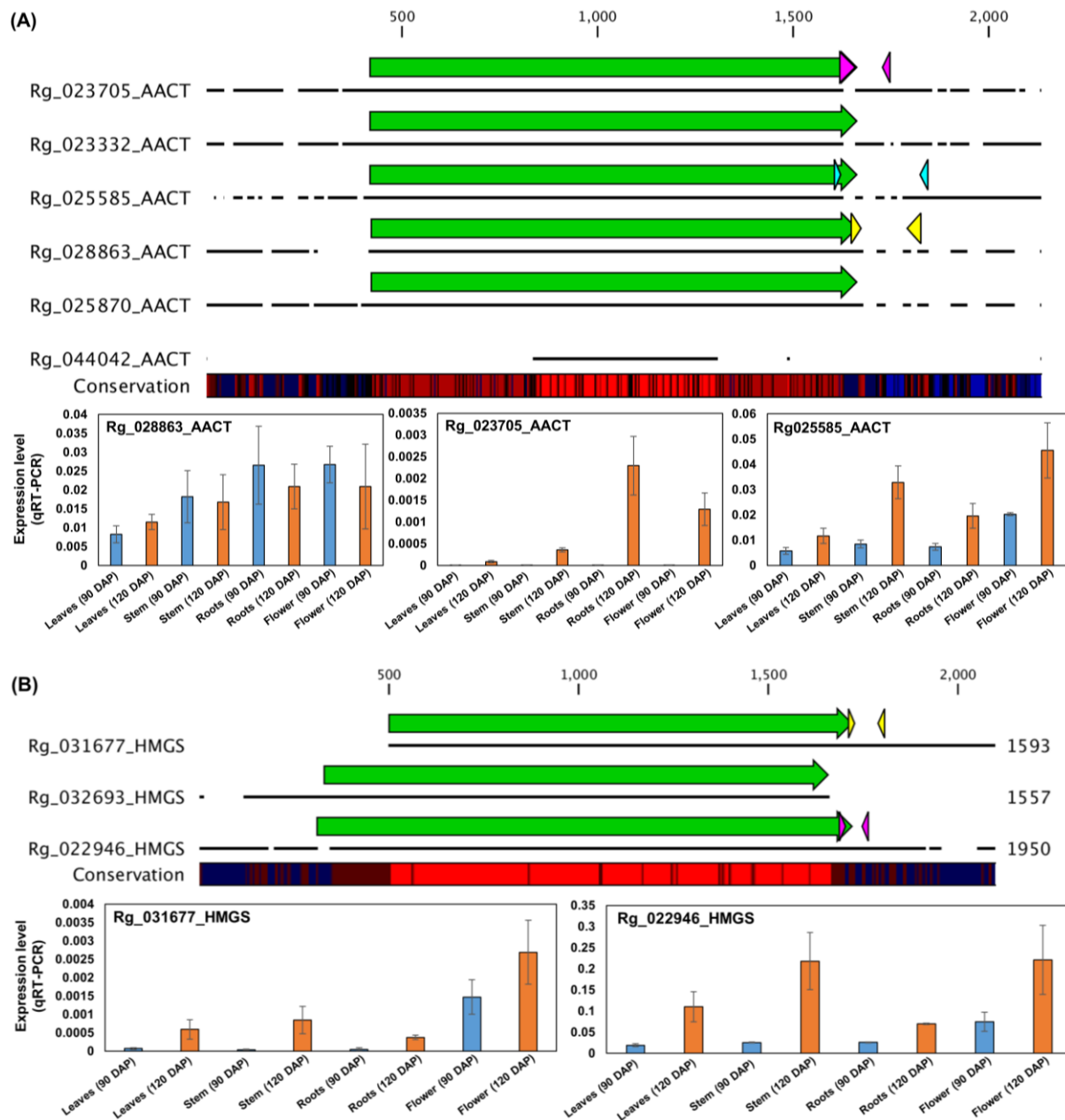
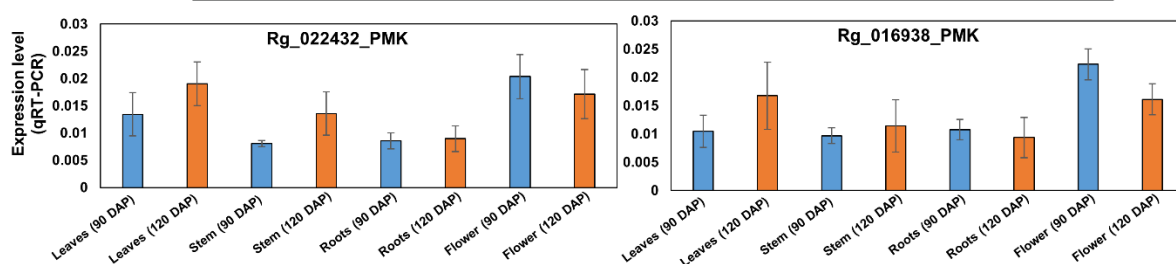
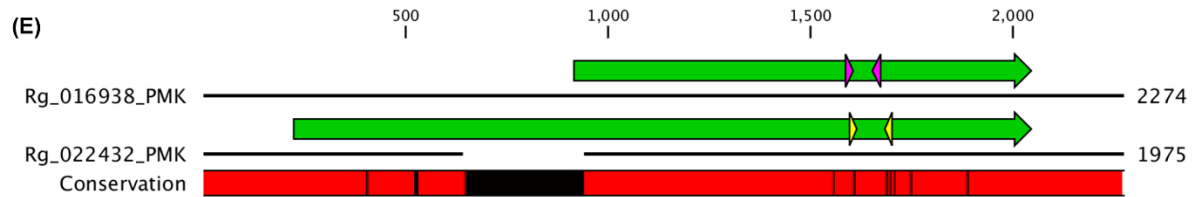
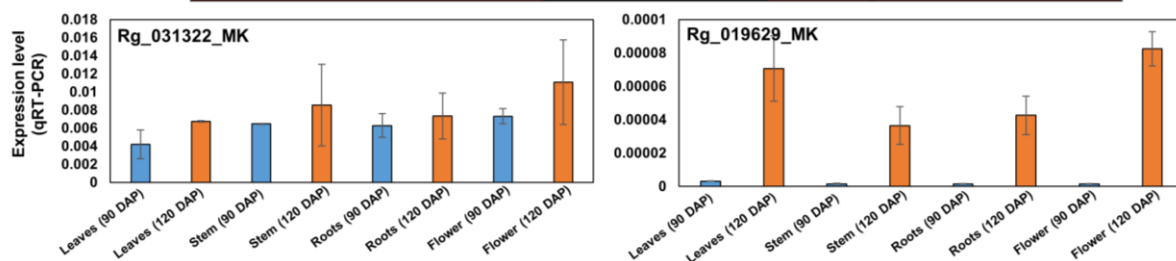
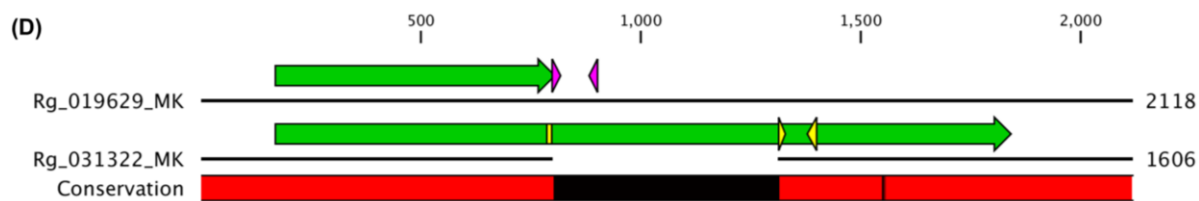
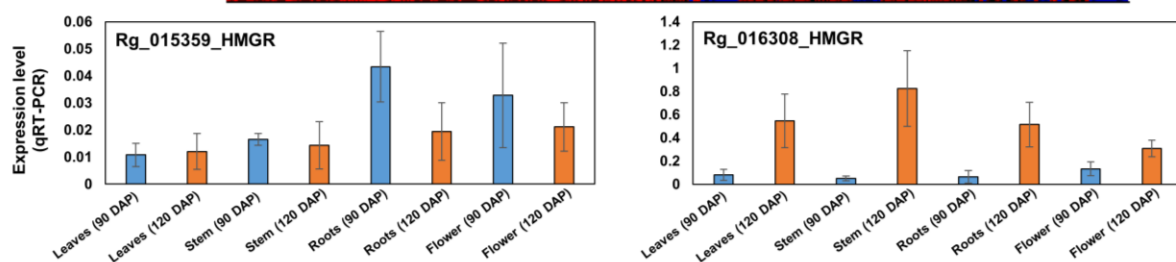
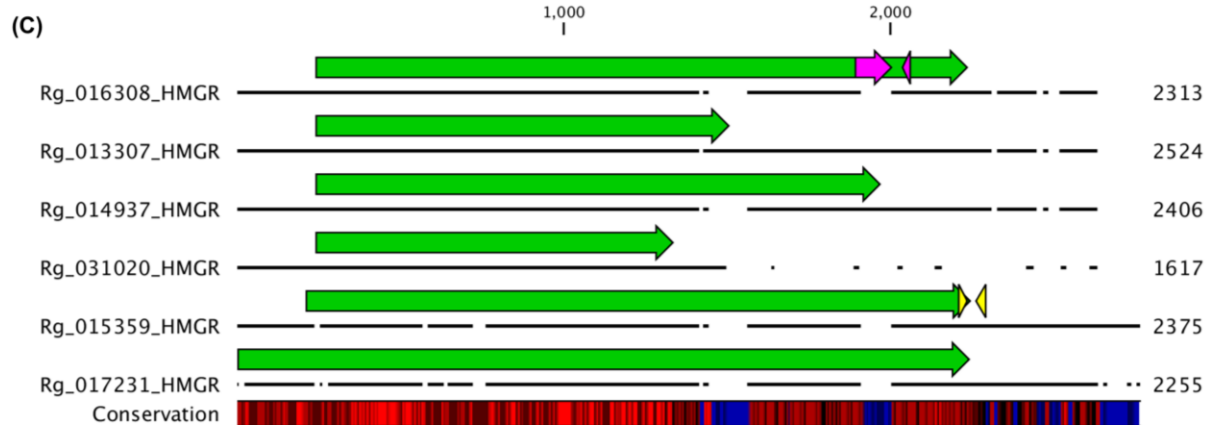
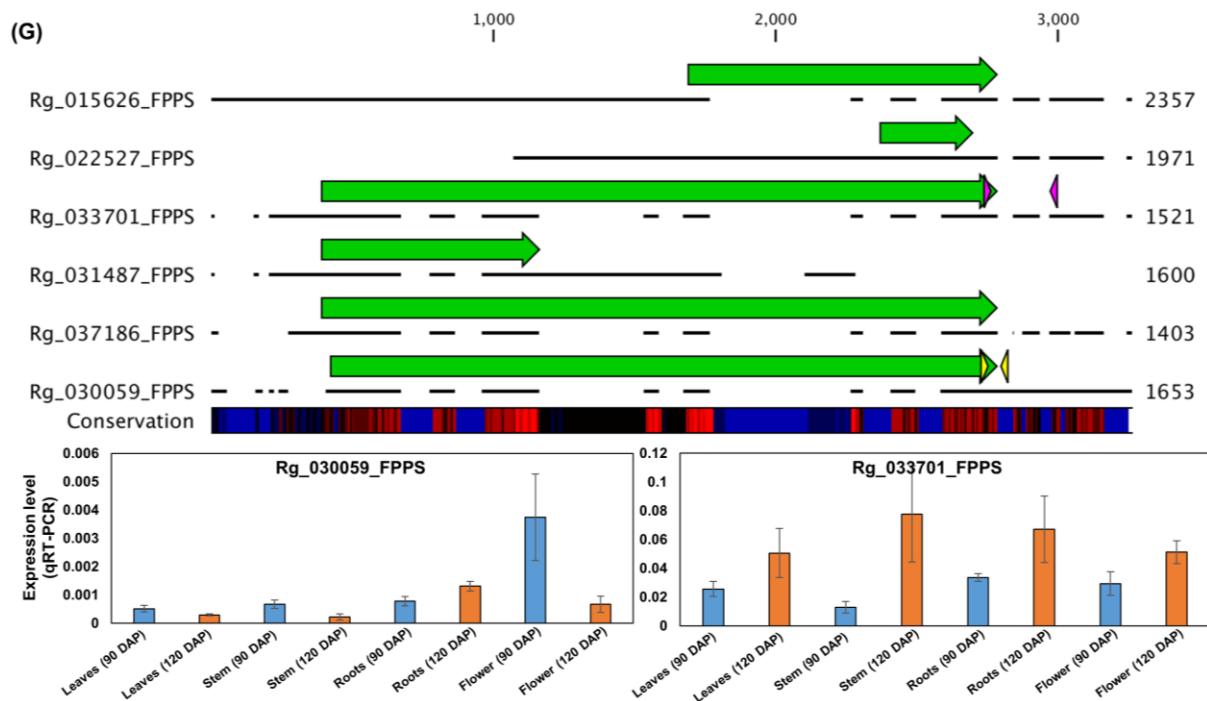
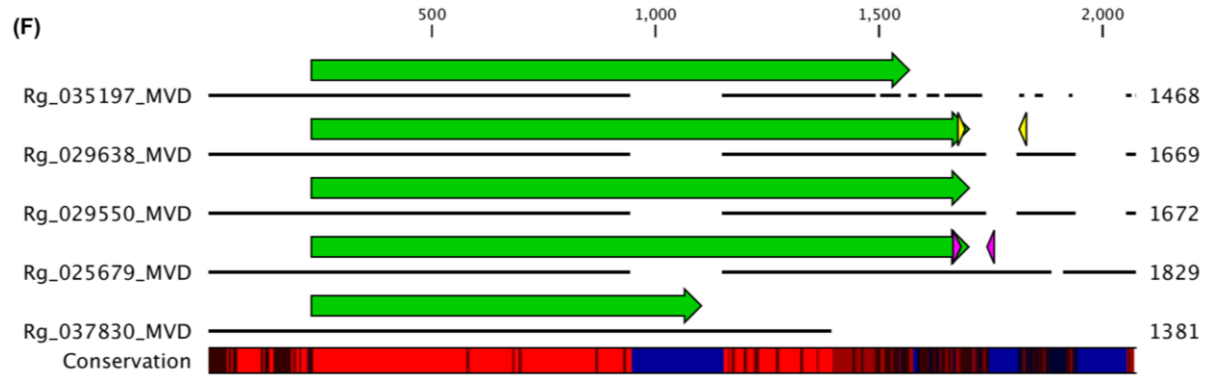
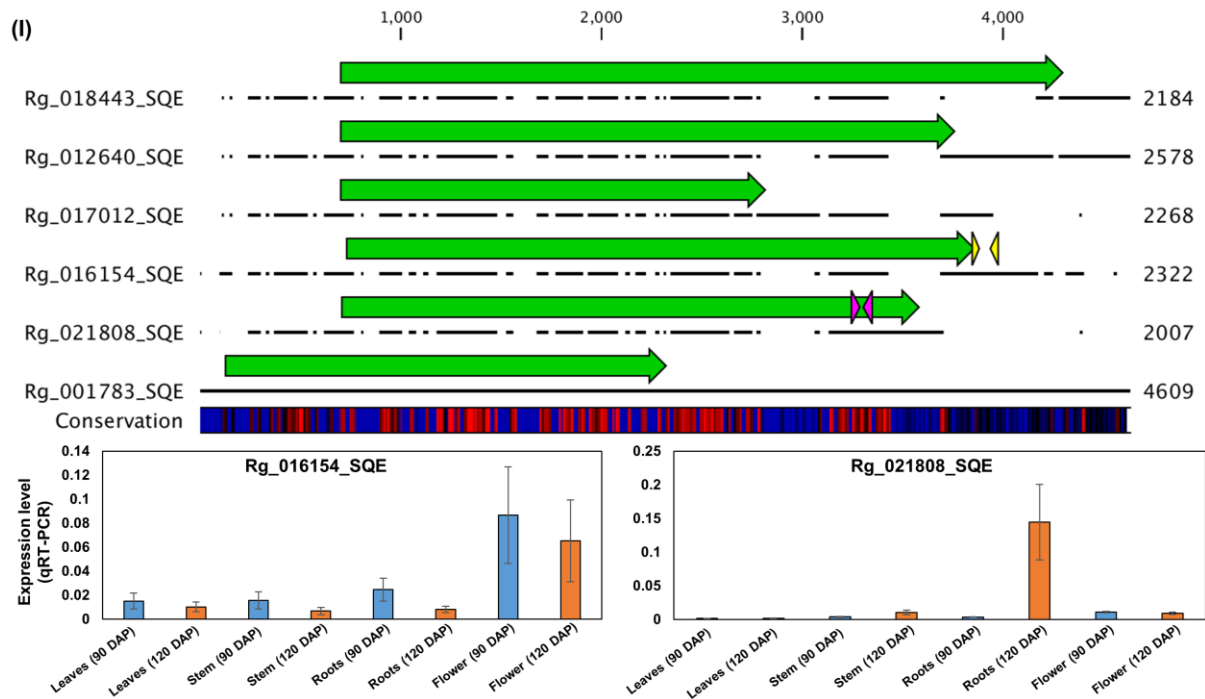
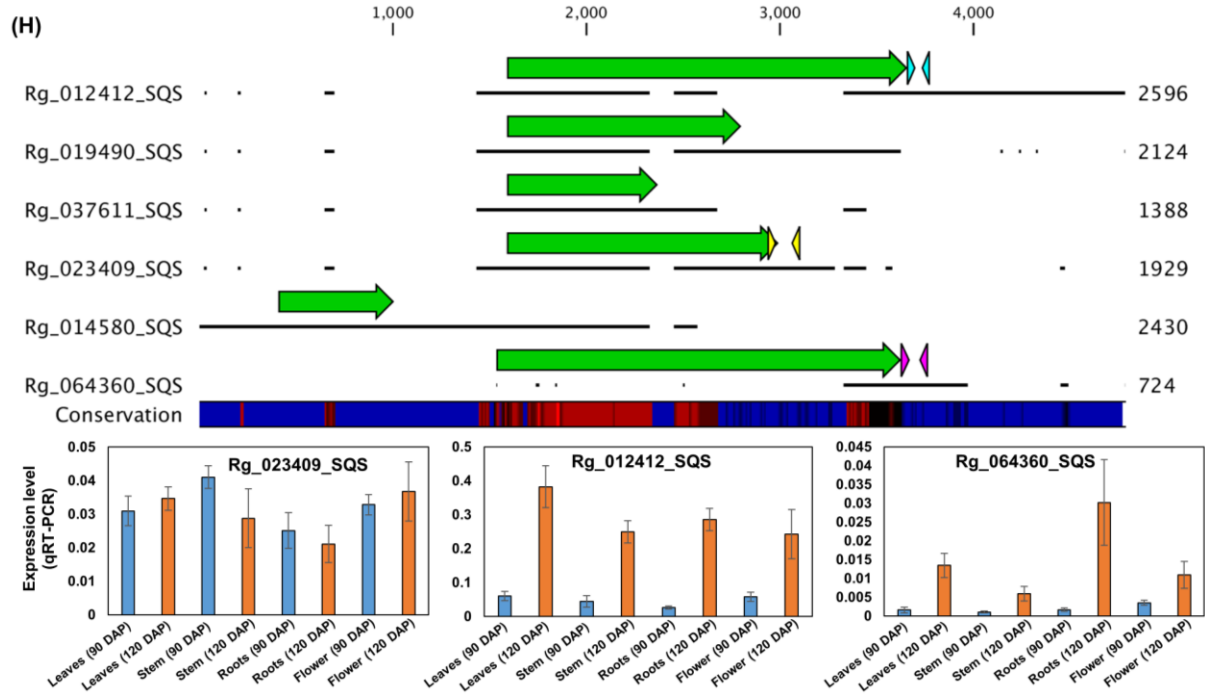


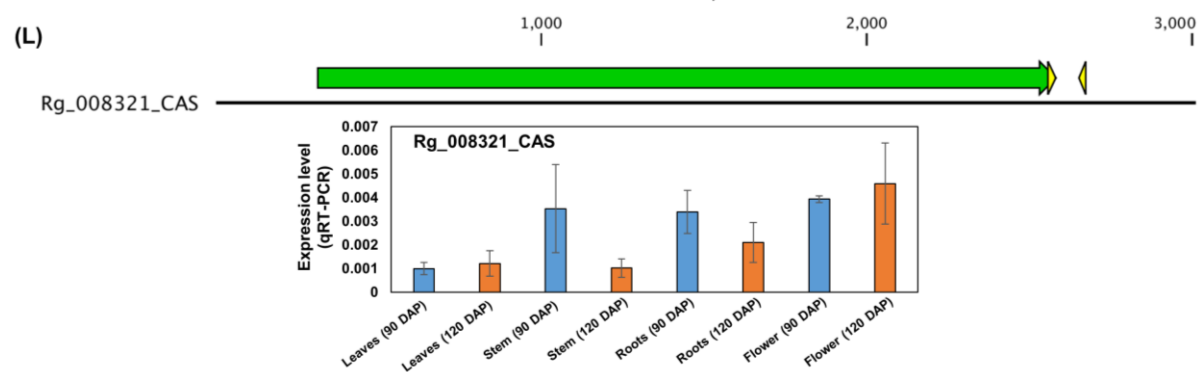
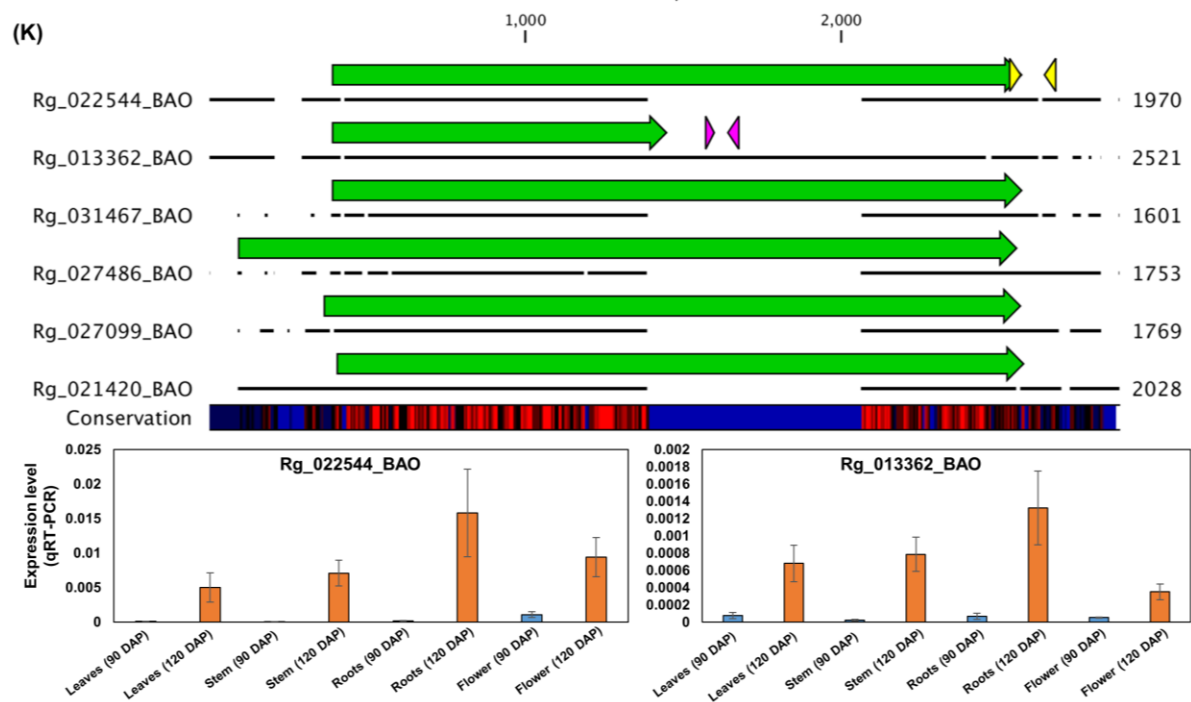
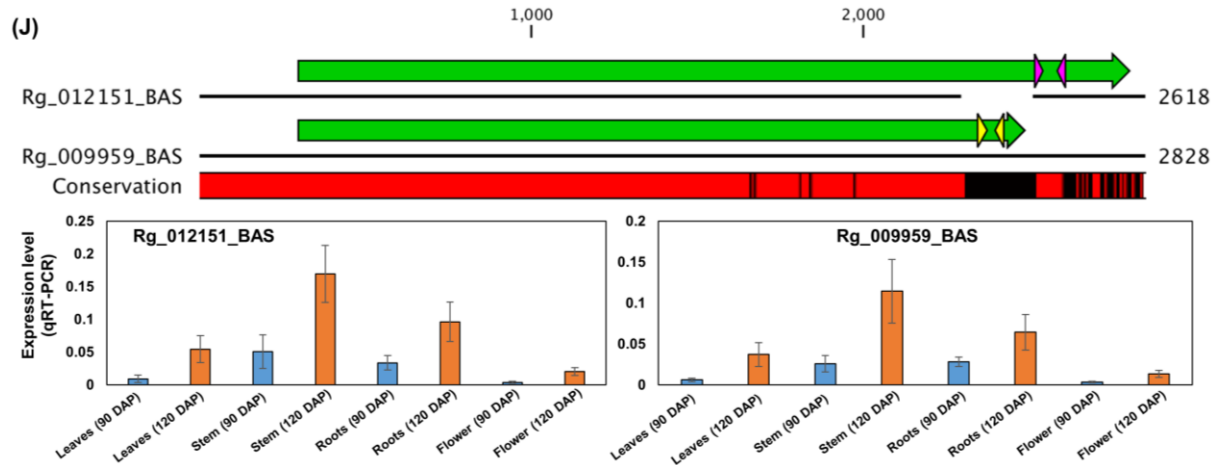
Figure S1. Heatmap analysis of genes encoding CYP450. Red box indicates CYP450-encoding genes that were co-expressed with secologanin synthesis genes.











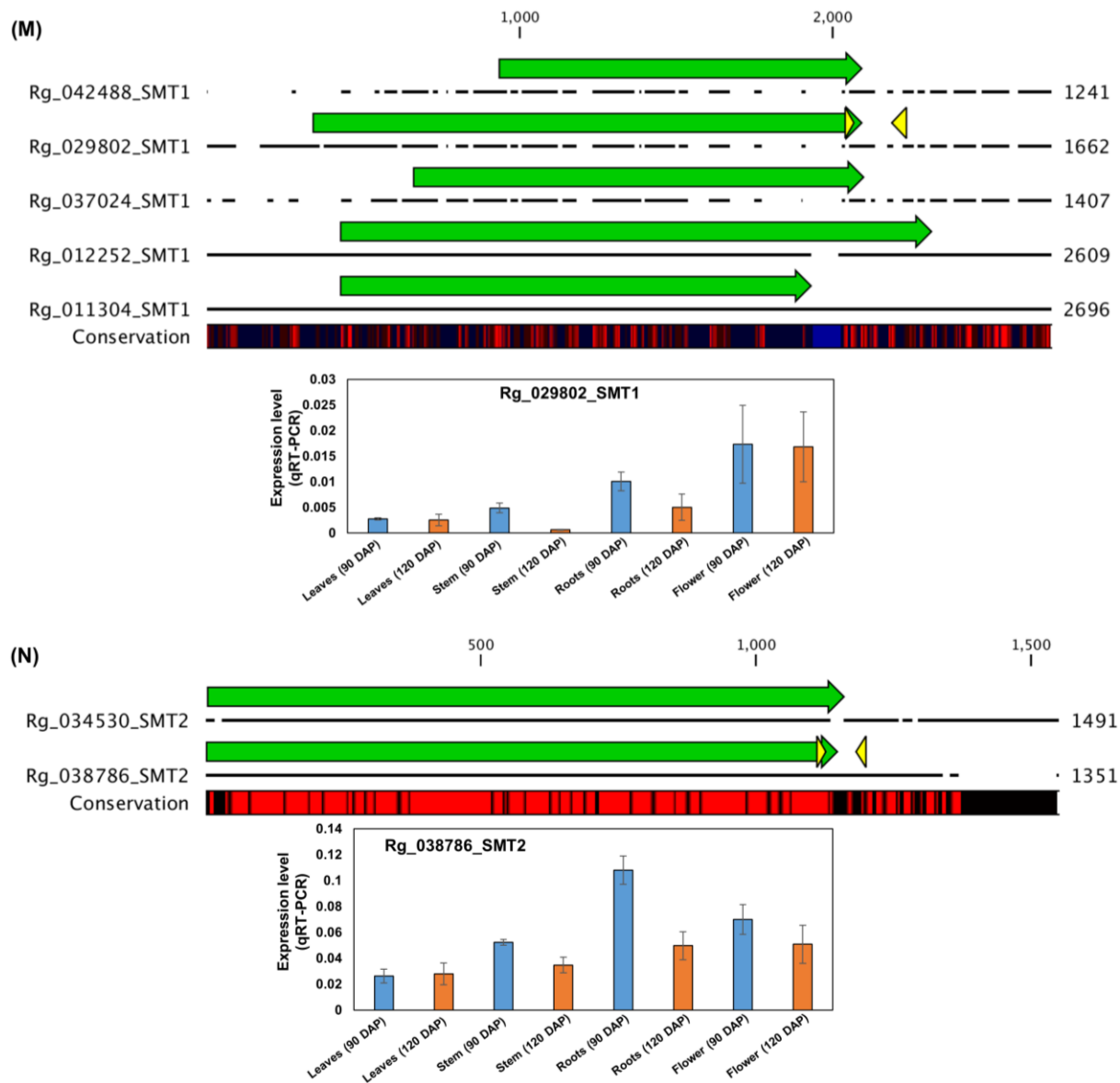
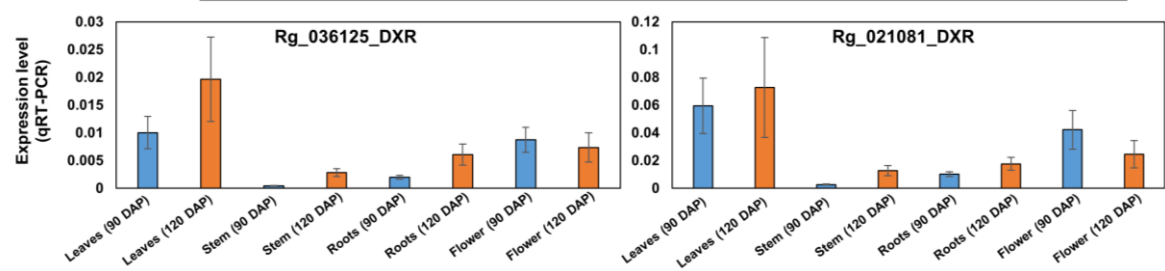
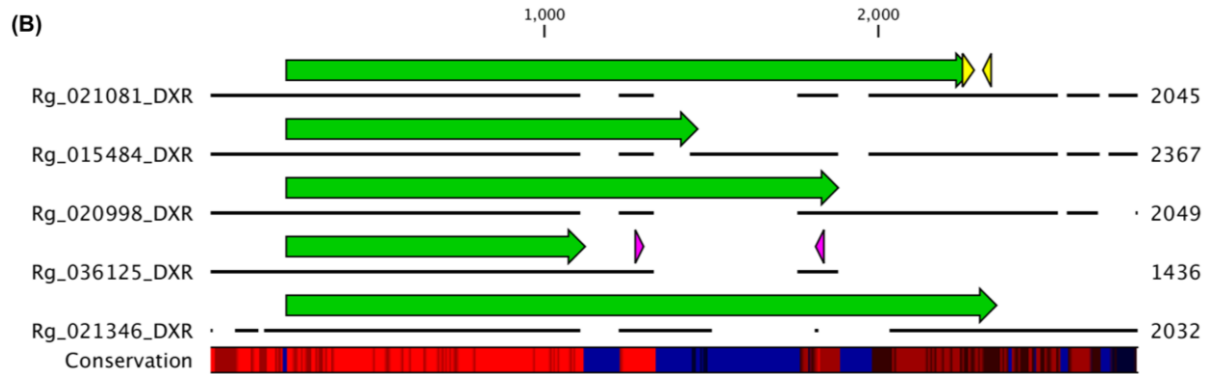
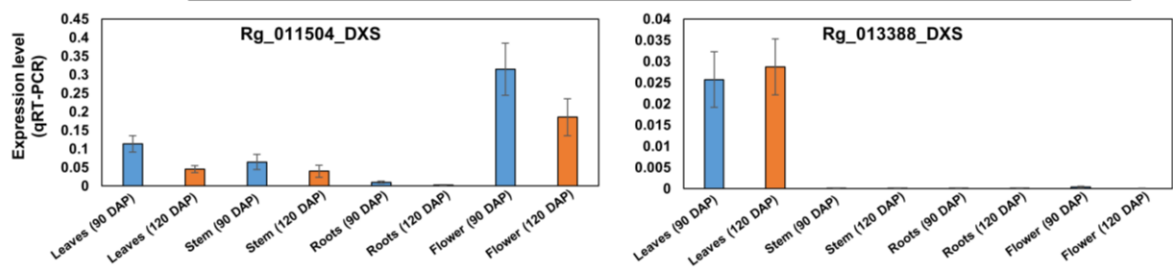
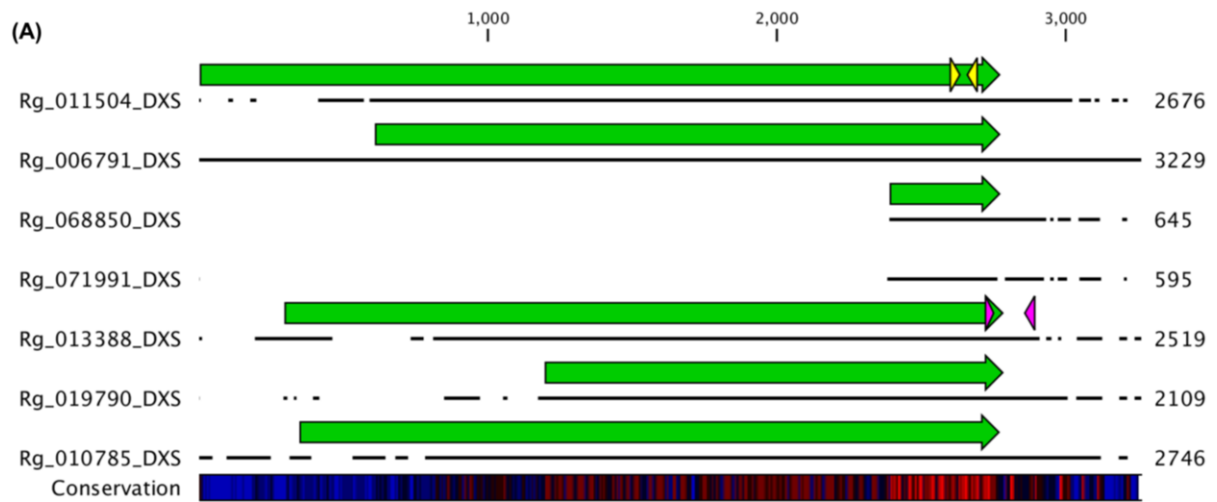
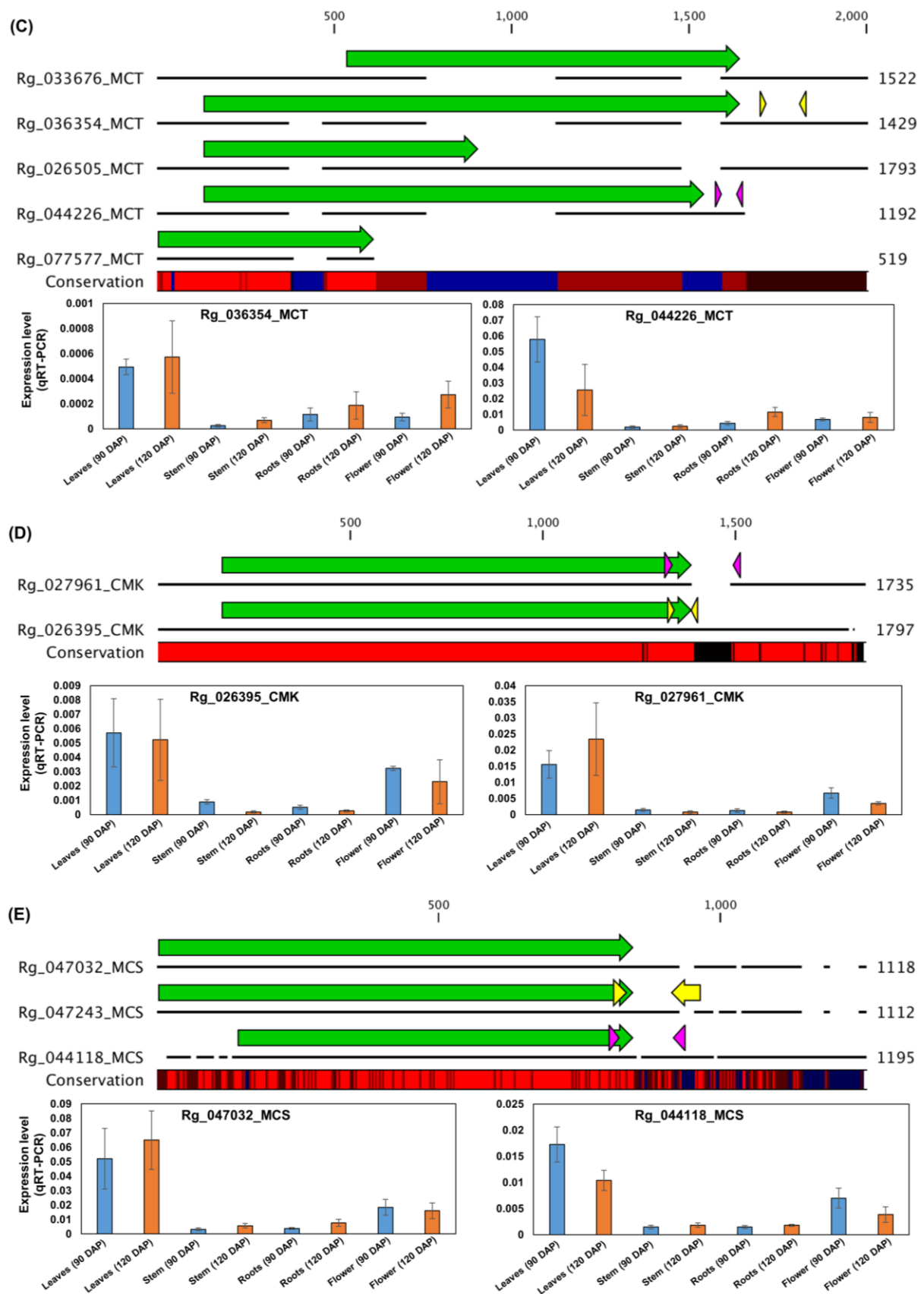
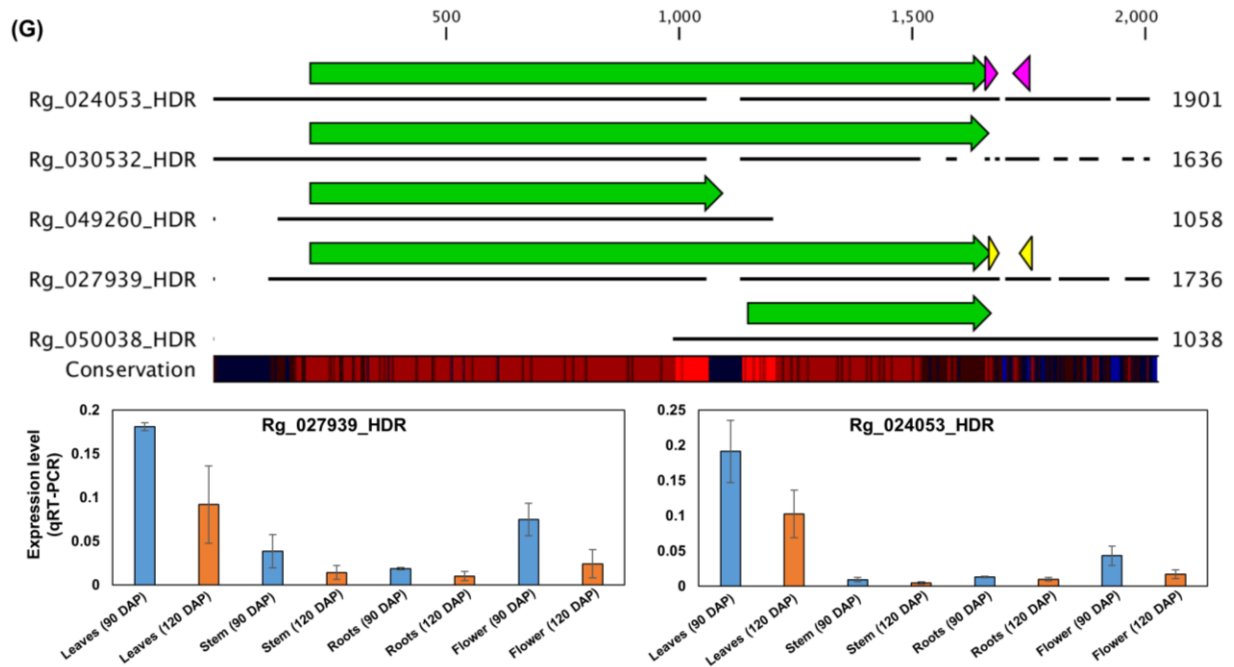
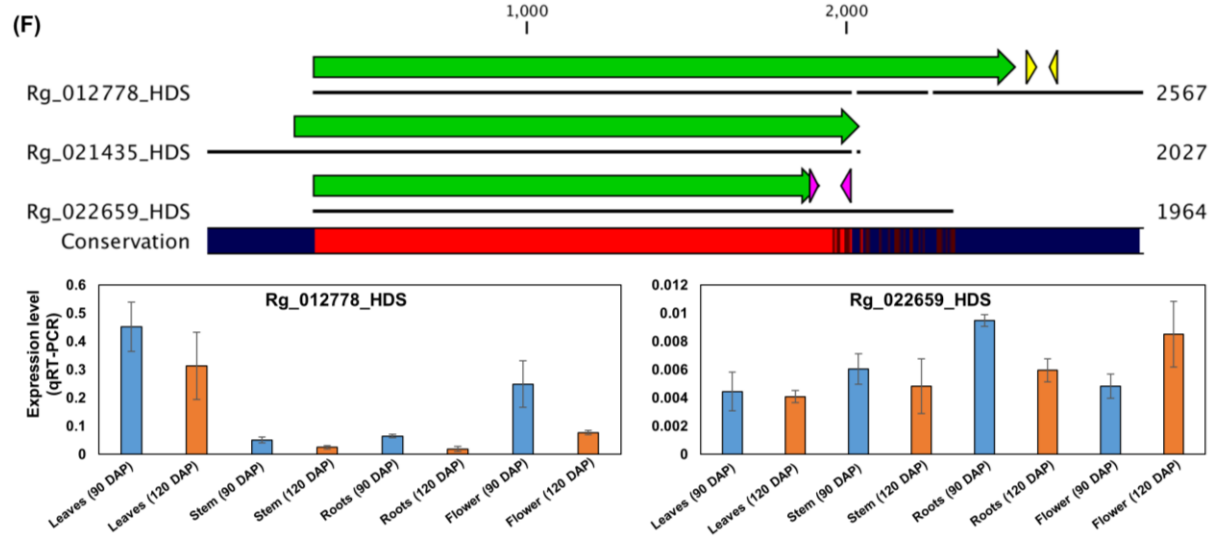
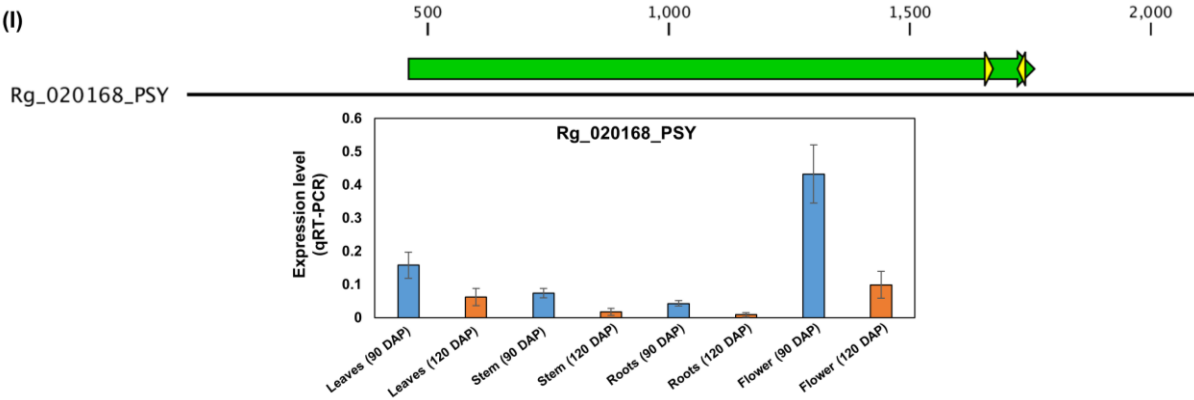
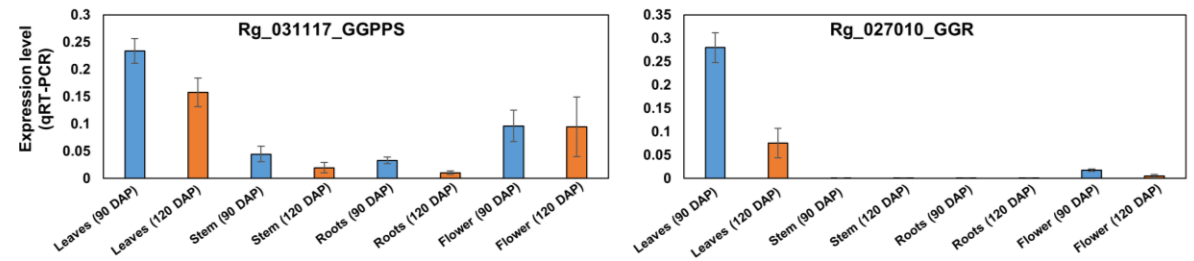
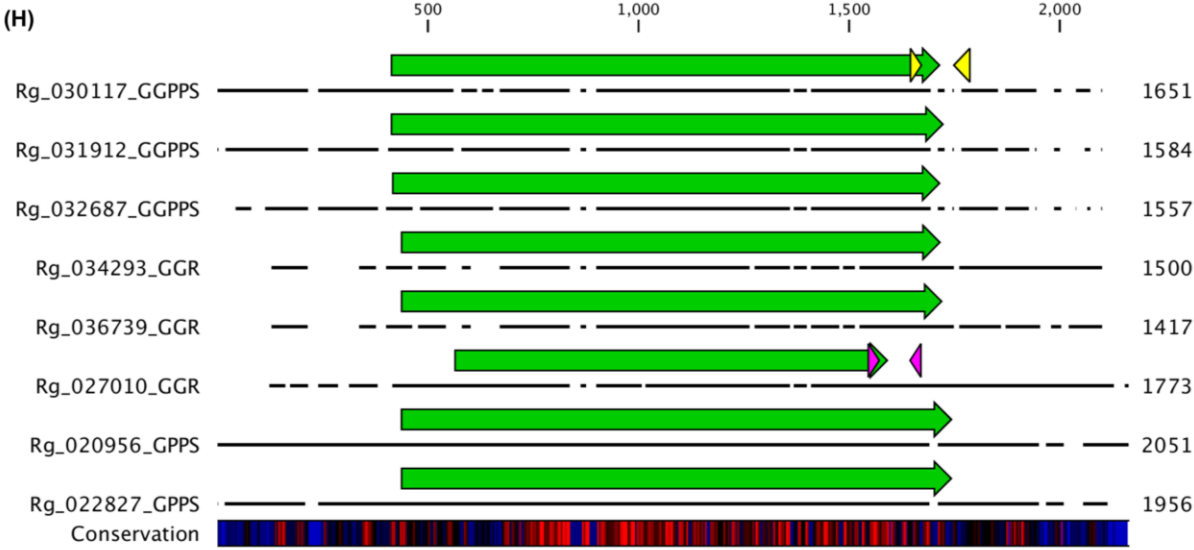


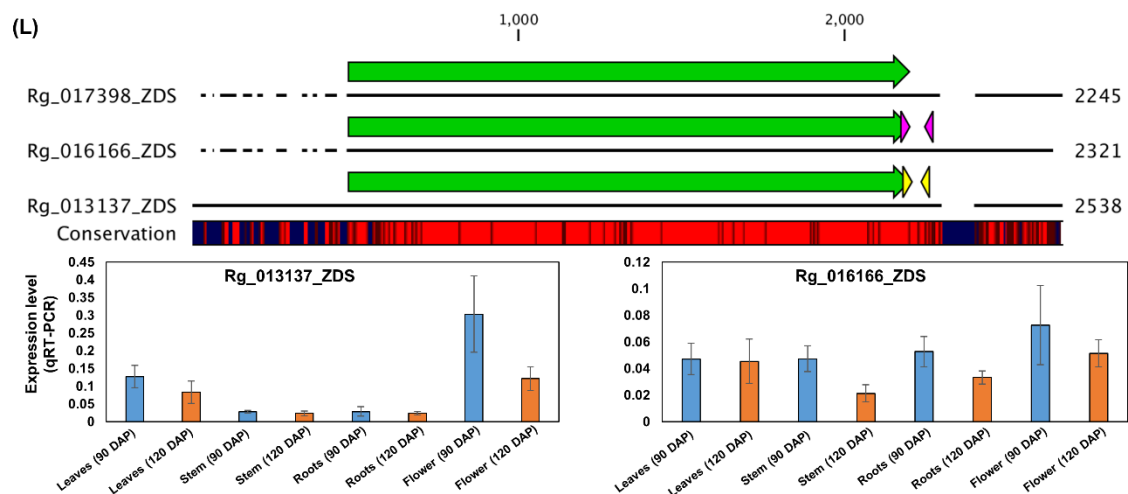
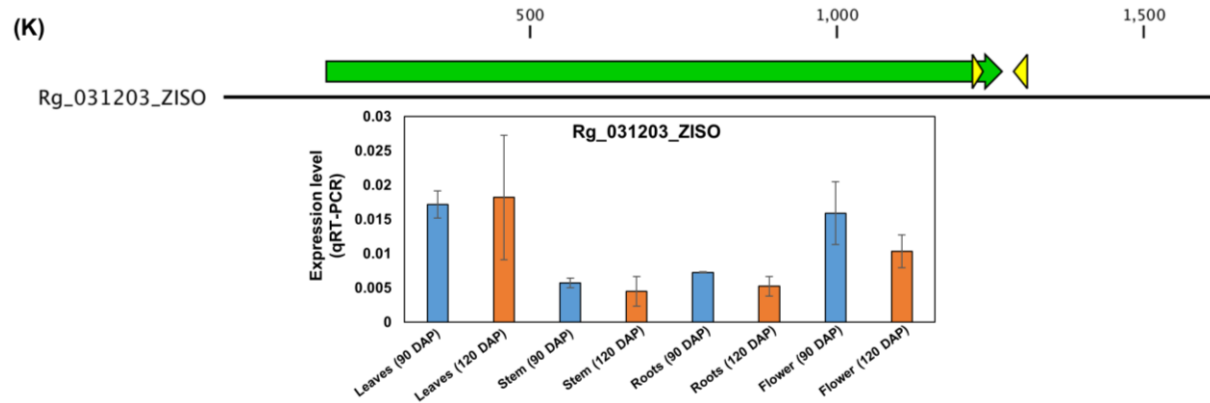
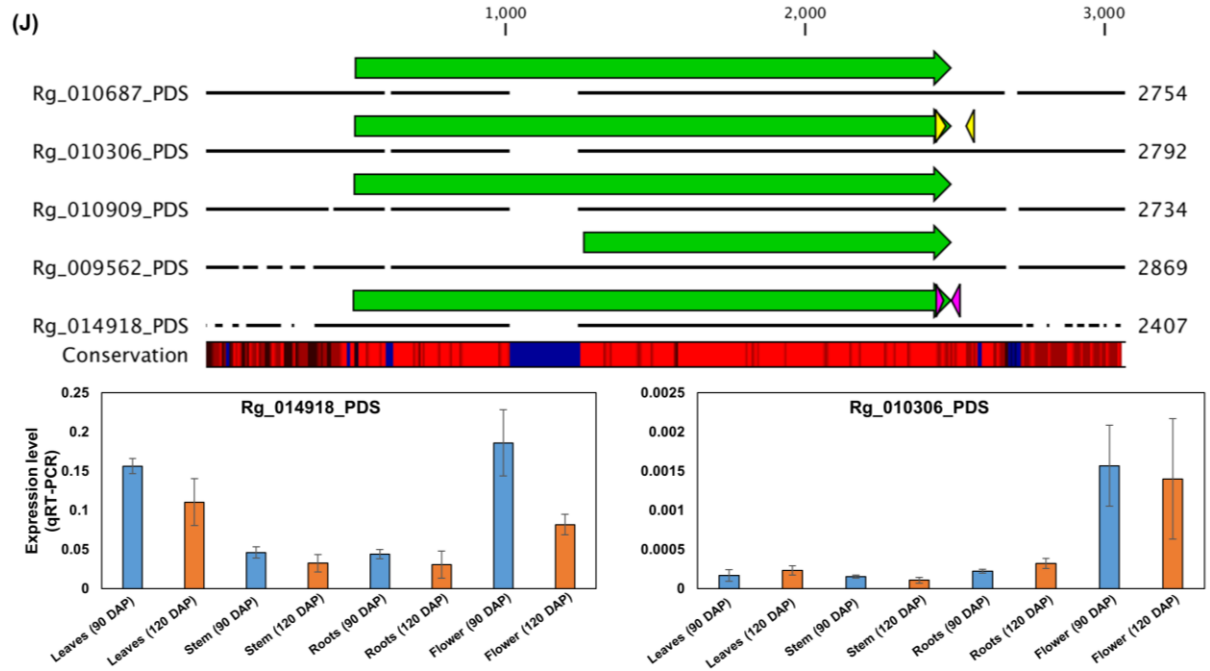
Figure S2. qRT-PCR test of the genes involved in sterol and saponin biosynthesis via the MVA pathway.

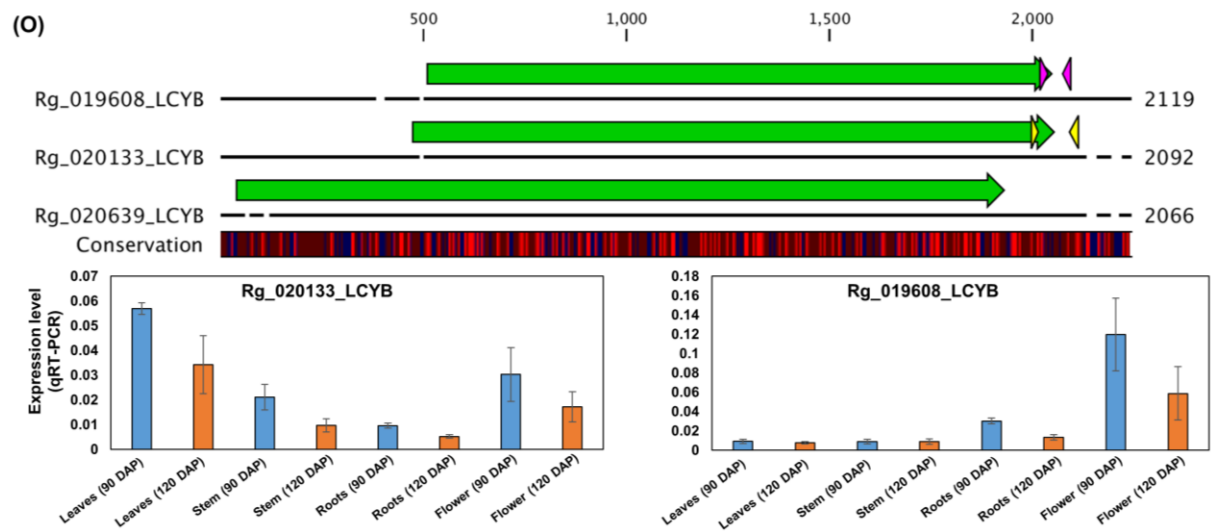
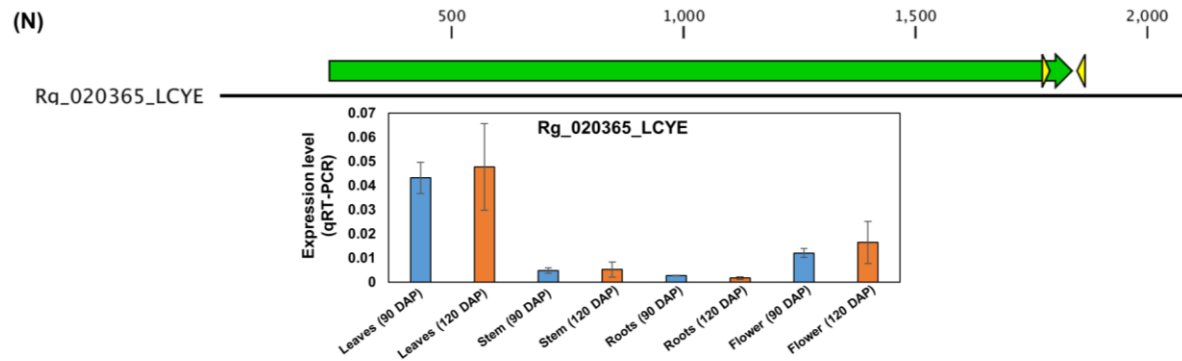
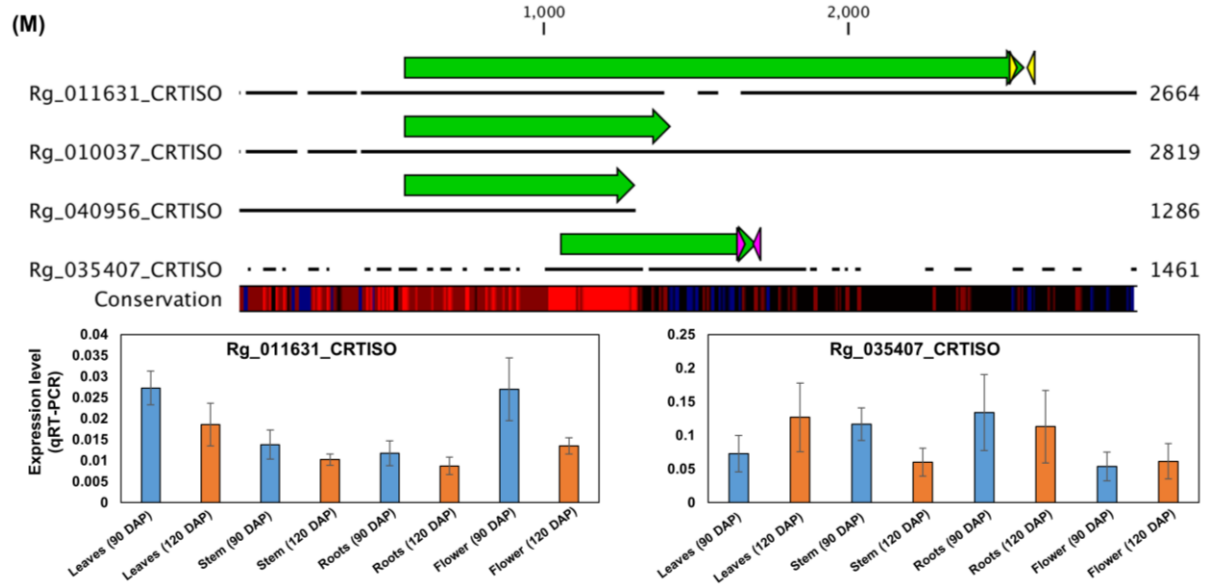


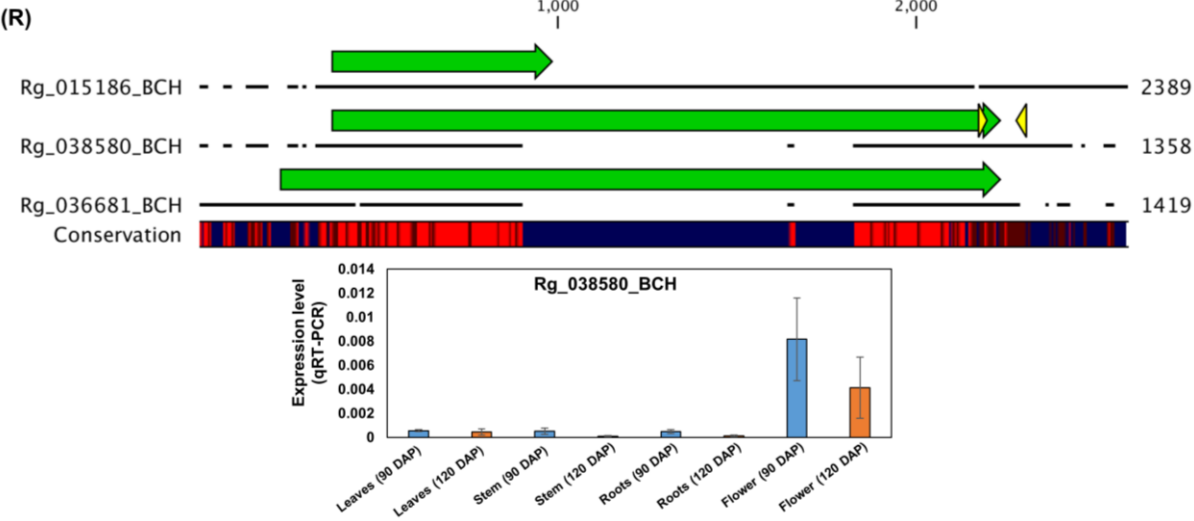
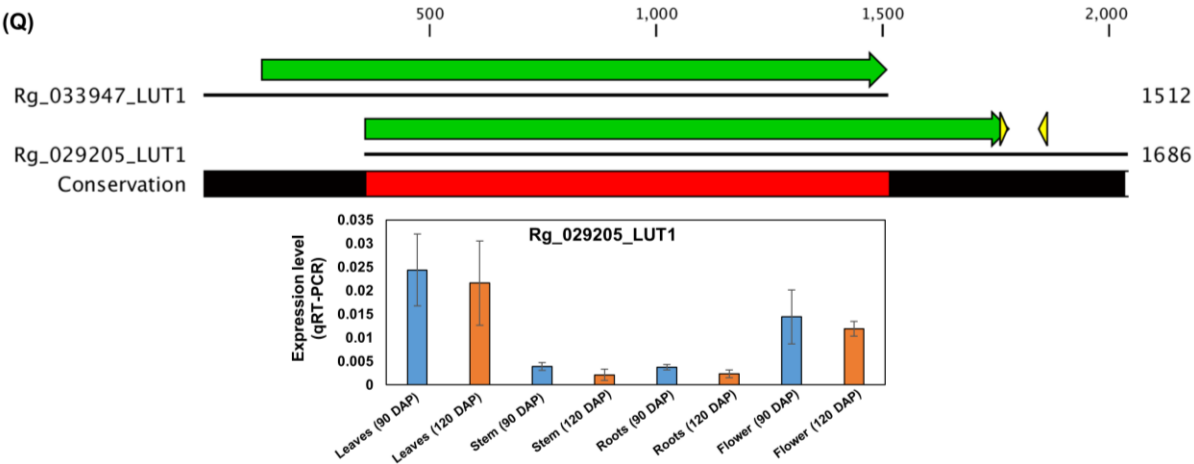
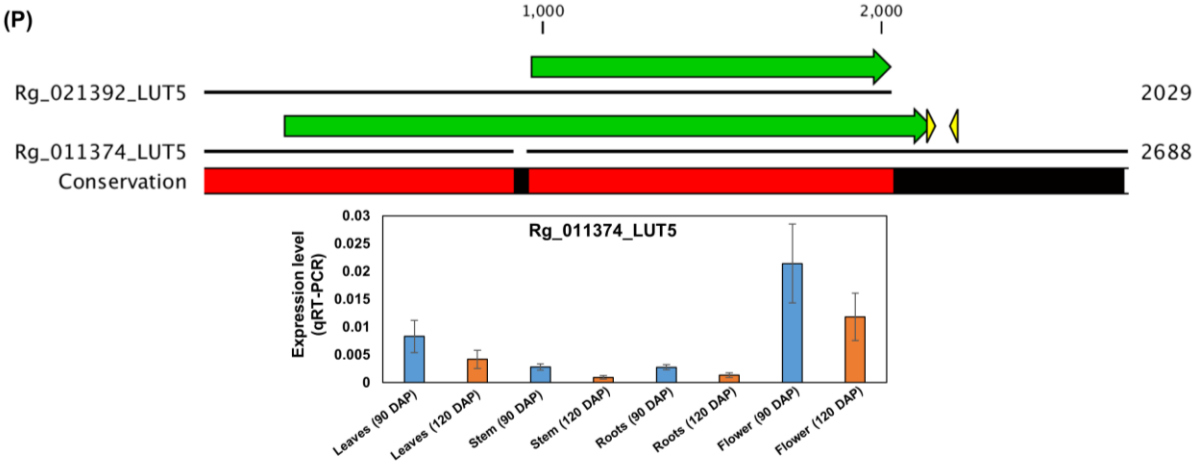


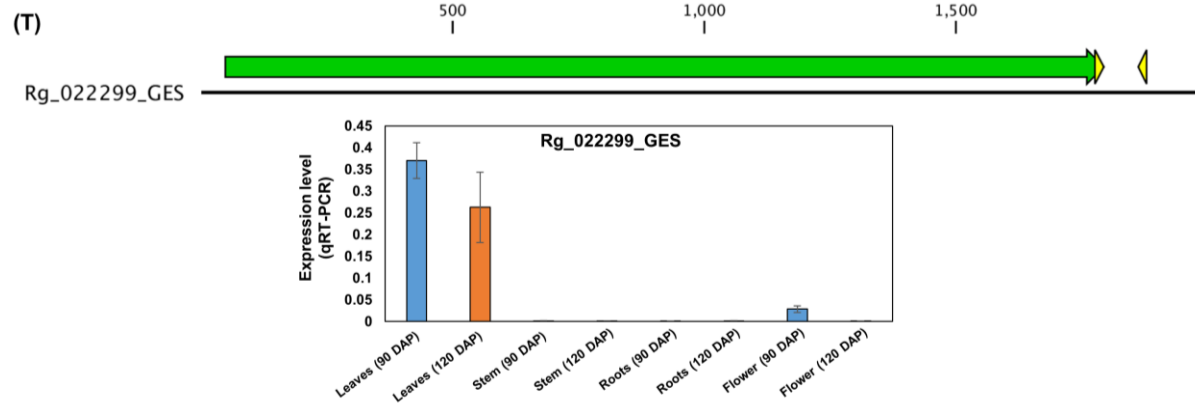
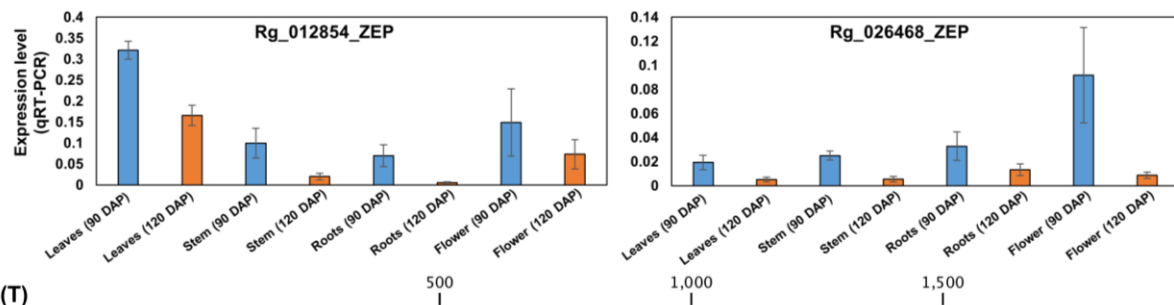
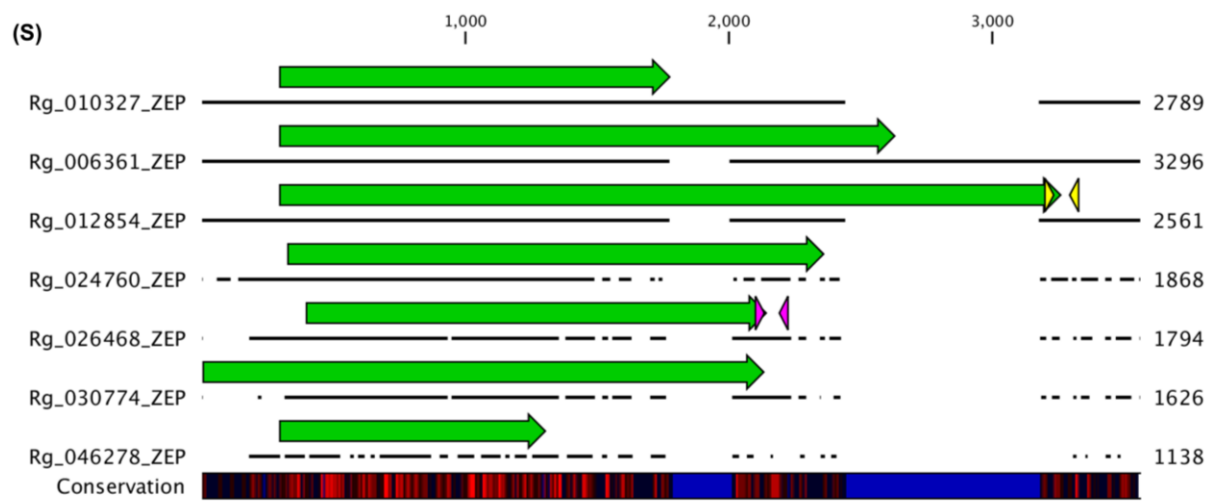


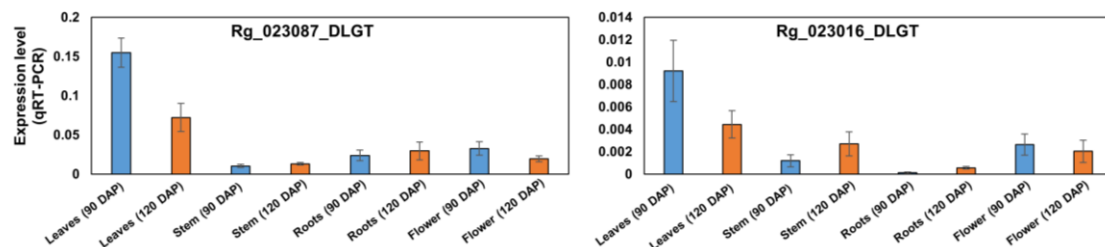
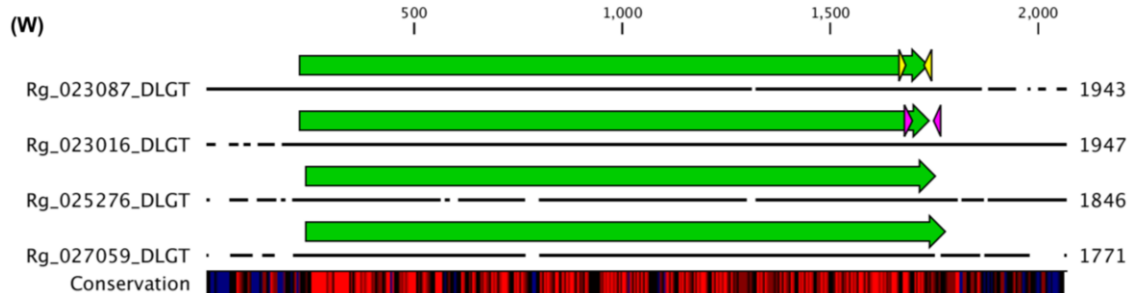
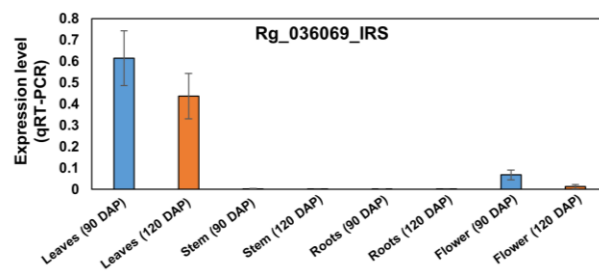
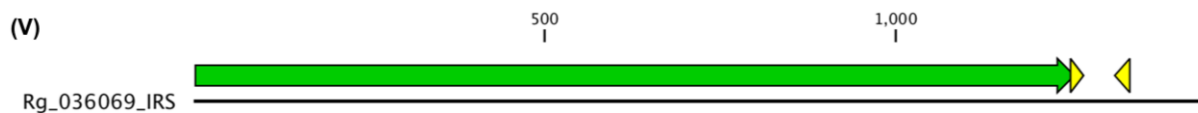
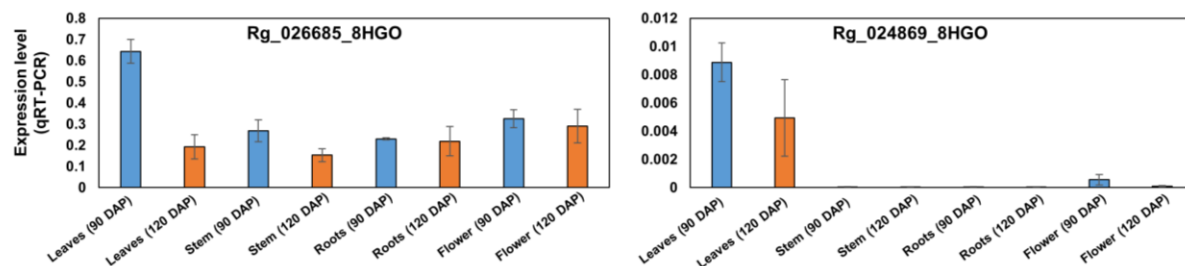
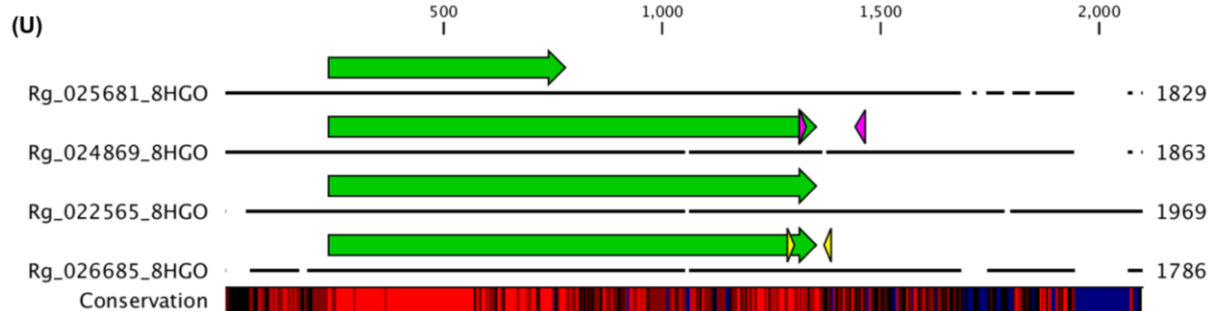












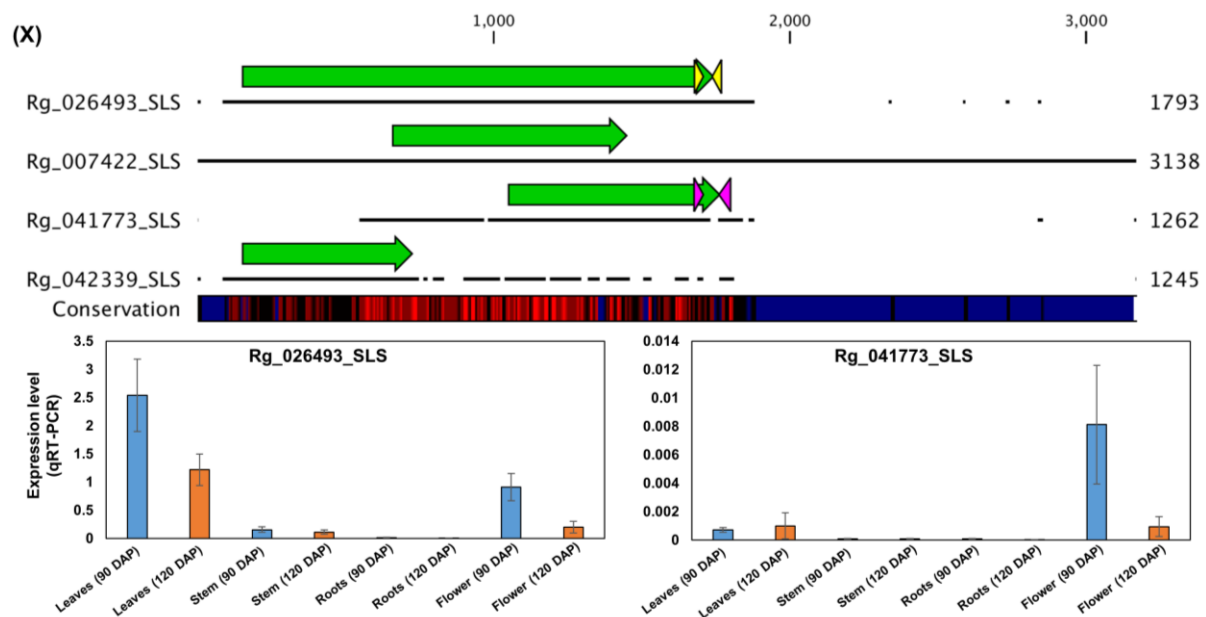


Figure S3. qRT-PCR analysis of the genes involved in carotenoid and iridoid product ion via the MEP pathway.

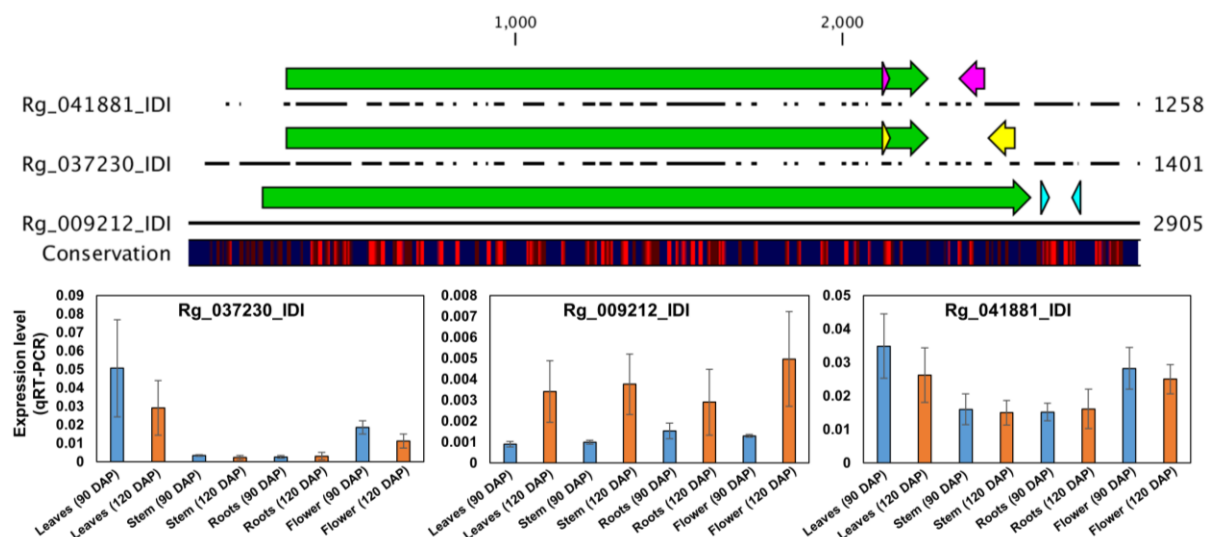


Figure S4. qRT-PCR test of the three IDI-encoding genes.