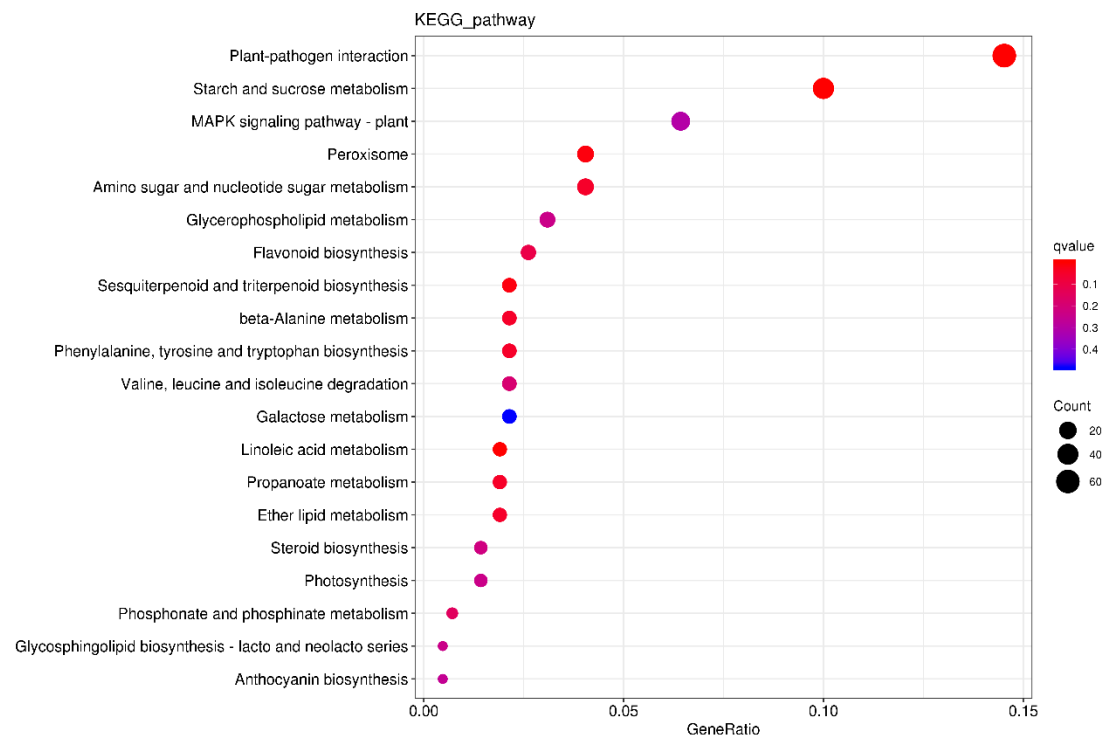
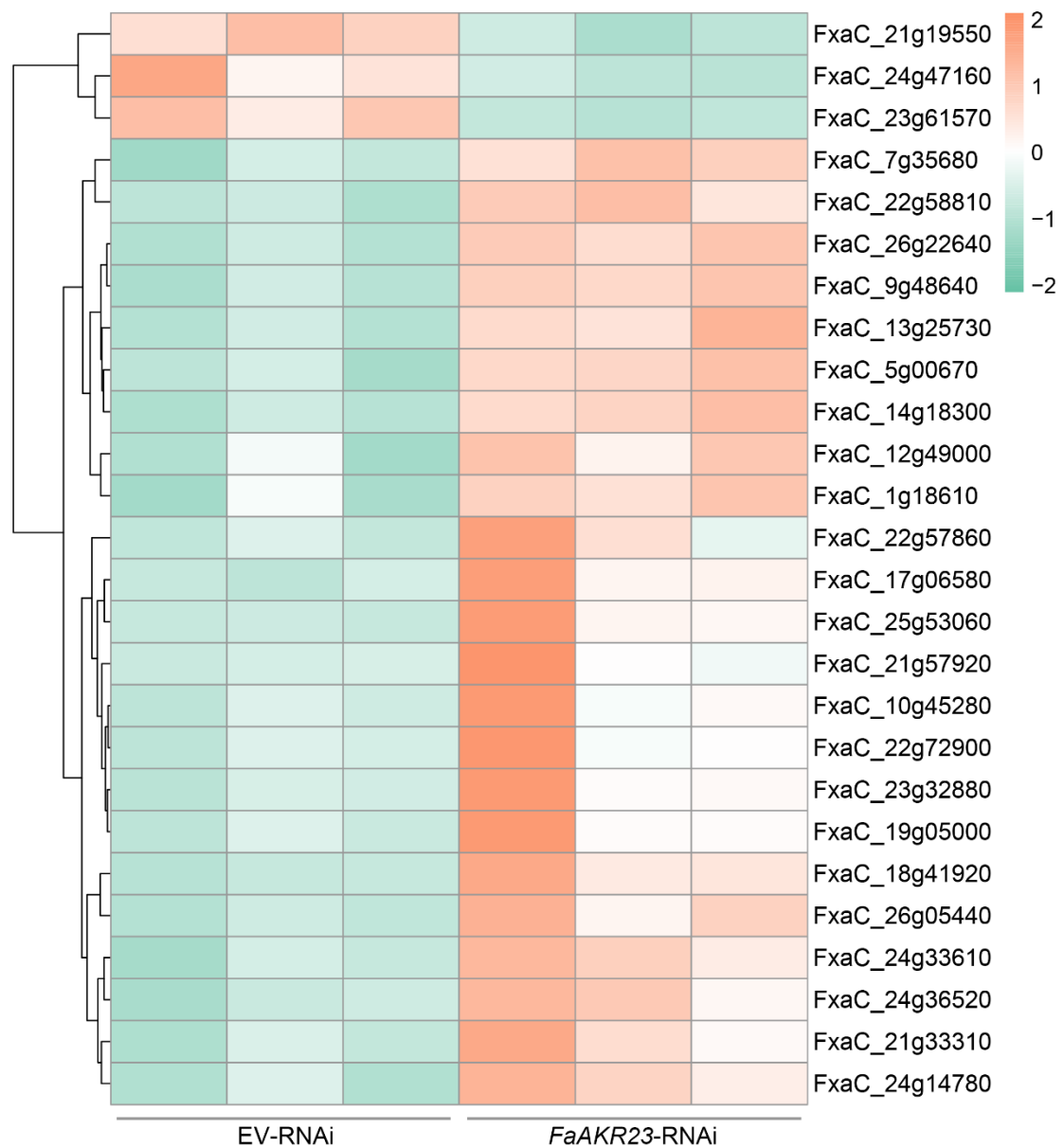


**Supplemental Figure S1.** Transient overexpression of *FaAKR23* in strawberry fruits. **(A)** Phenotypes of EV-OE and *FaAKR23*-OE fruits, EV, empty vector, Bars: 1 cm. **(B)** AsA content in EV-OE and *FaAKR23*-OE fruits.



**Supplemental Figure S2.** Kyoto Encyclopedia of Genes and Genomes (KEGG) classification of DEGs in EV-RNAi and *FaAKR23*-RNAi fruits.



**Supplemental Figure S3.** Transcriptome expression heatmap of *FaWRKYs* in EV-RNAi and *FaAKR23*-RNAi fruits