

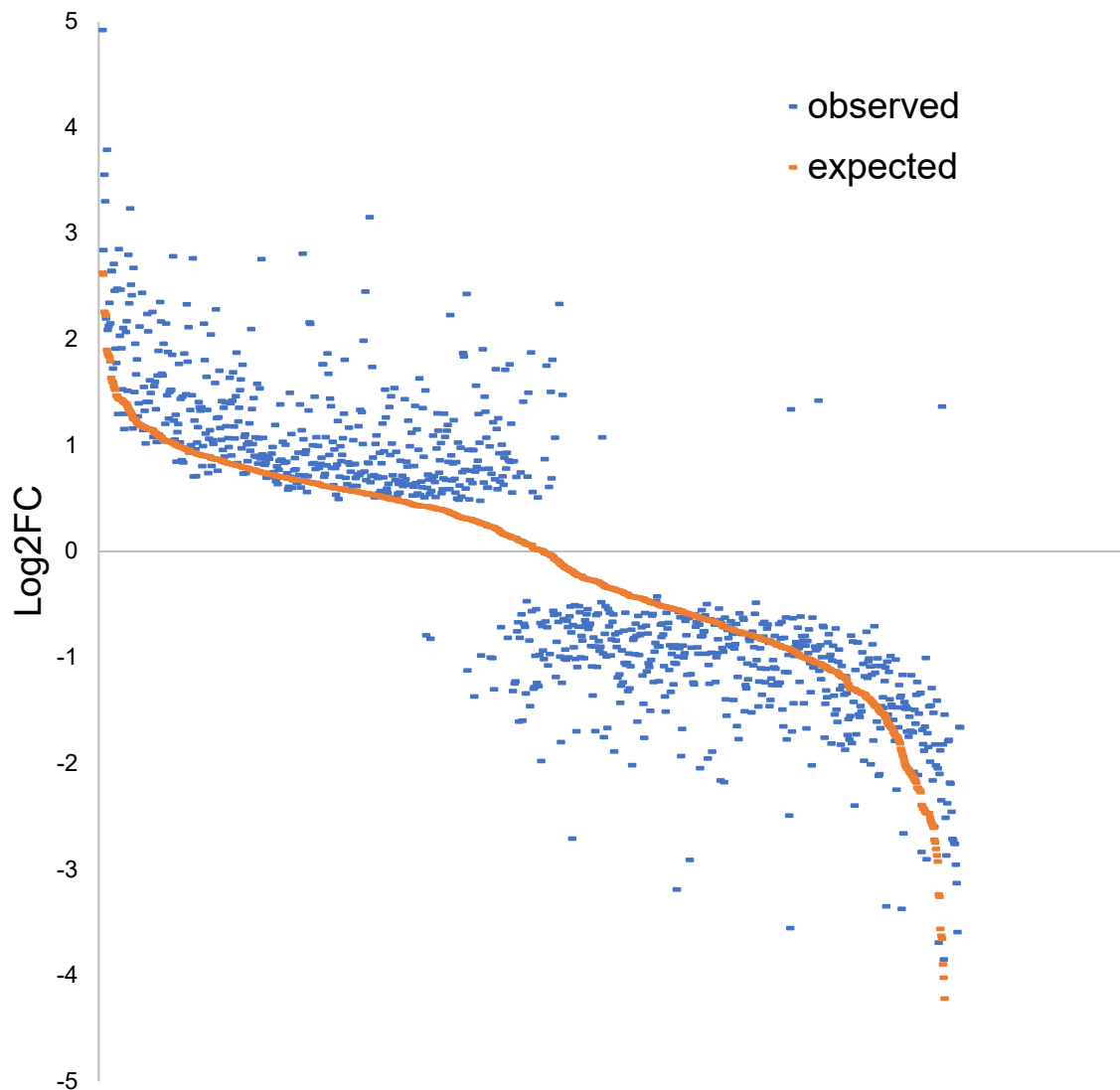
### **Supplemental File 3**

Supplemental Figures S1, S2 and S3.

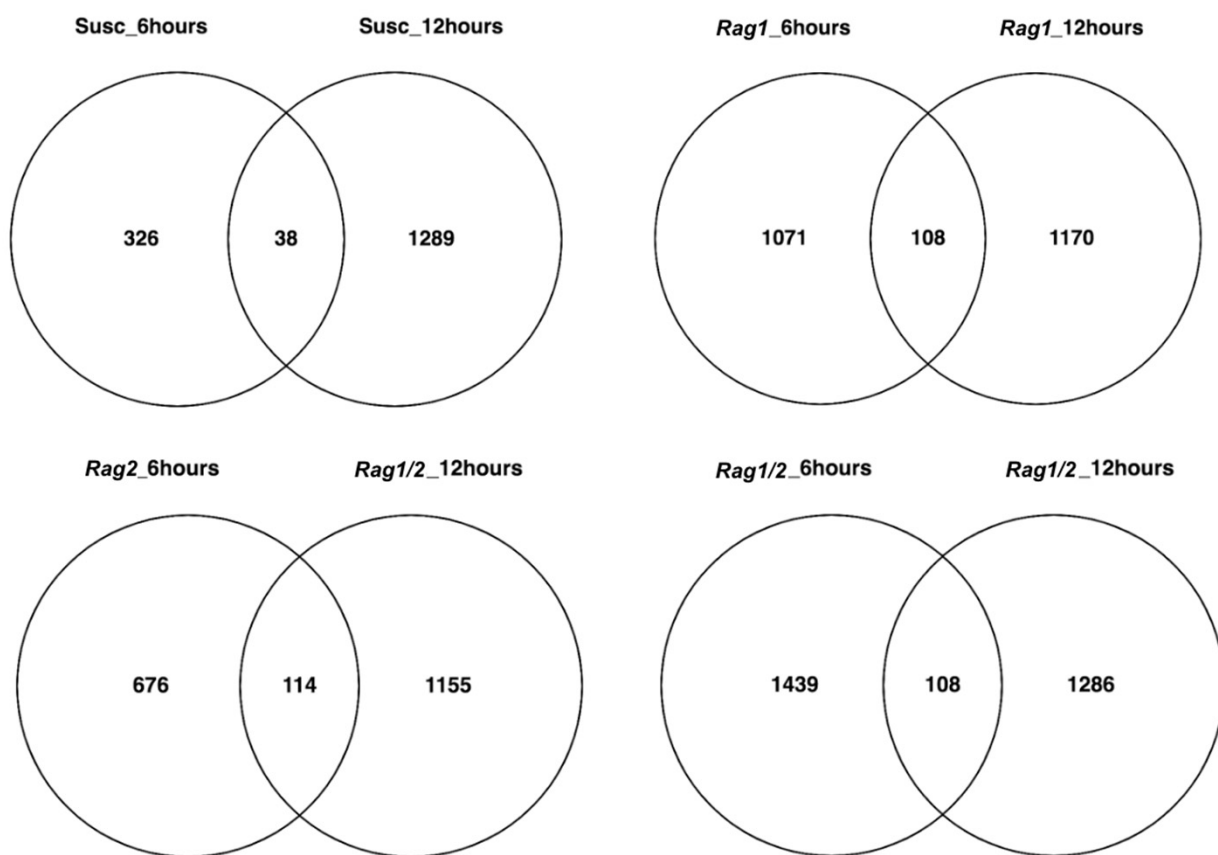
Figure S1. Comparison of expected versus observed log<sub>2</sub>FC values for the *Rag1/2* 6h synergistic genes.

Figure S1. Comparison of the transcriptional response of each genotype at different time points.

Figure S2. Plant hormone signatures inferred by Hormonometer from the transcriptome responses of each genotype.

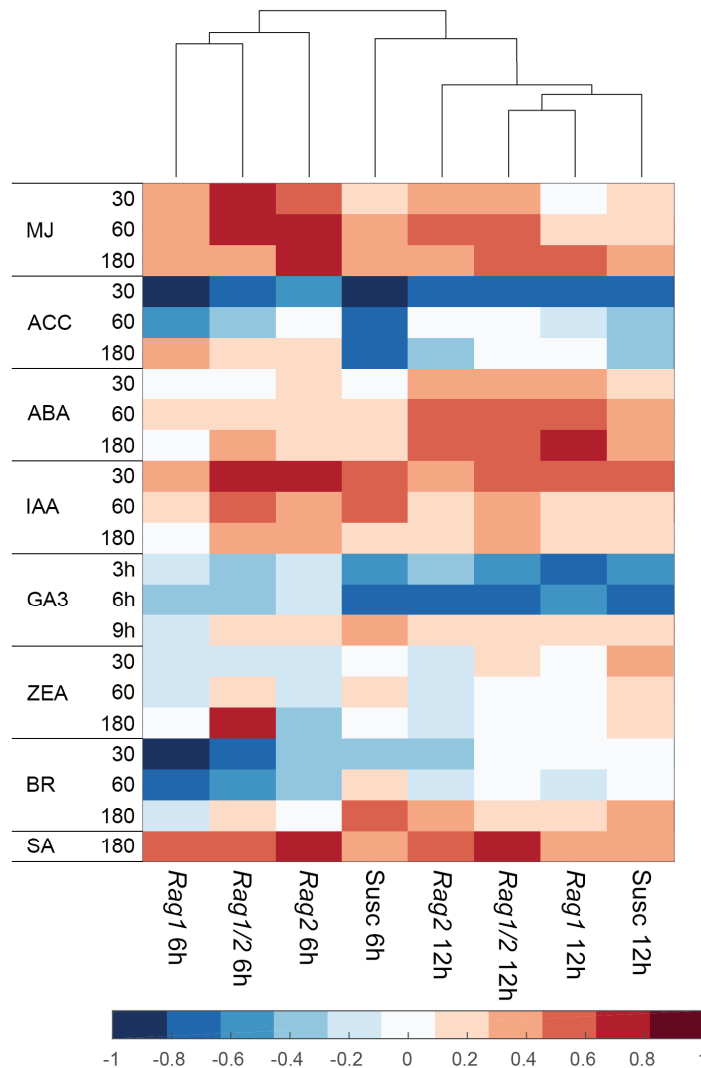


**Figure S1. Comparison of expected versus observed log<sub>2</sub>FC values for the *Rag1/2* 6h synergistic genes.** Expected additive values for the *Rag1/2* 6h synergistic gene set was calculated by adding the log<sub>2</sub>FC corresponding to each gene in the *Rag1* and *Rag2* response.



**Figure S2. The early (6 h) and late (12 h) responses to aphids are different in all genotypes.** Comparison of the transcriptional response of each genotype at different time points.

## Additional Figure 3



**Figure S3. Plant hormone signatures inferred from the transcriptome responses of each genotype.** Hormonometer analysis of phytohormone signatures obtained by comparing the response to aphids in each genotype to Arabidopsis datasets of response to different hormones. A correlation index for each genotype/treatment dataset and different hormone treatment datasets, including different hormone treatment times, are indicated. Red colors indicate positive correlation between aphid infestation and a particular hormone response, blue shading indicates negative correlation. MJ, Methyl jasmonate; ACC, 1-aminocyclopropane-1-carboxylic acid (ethylene precursor); ABA, abscisic acid; IAA, indole-3-acetic acid (auxin), GA, GA3 (gibberellin); BR, brassinosteroid; SA, salicylic acid. Numbers next to each hormone indicate different treatment times in minutes unless otherwise indicated.