Supplementary File 5. The effect of genotype, FLG22 treatment, and time point on the expression change of camalexin genes.

|  |  |  |  |
| --- | --- | --- | --- |
|   | CYP79B2 | CYP71A13 | PAD3 |
| Effect | DF | p value | p<.05 | DF | p value | p<.05 | DF | p value | p<.05 |
| Genotype | 4 | 6.96E-08 | \* | 4 | 3.40E-11 | \* | 4 | 1.92E-07 | \* |
| Treatment | 1 | 1.26E-24 | \* | 1 | 2.02E-29 | \* | 1 | 1.48E-36 | \* |
| Time | 4 | 9.30E-04 | \* | 4 | 3.21E-54 | \* | 4 | 1.61E-38 | \* |
| Genotype: Treatment | 4 | 4.74E-11 | \* | 4 | 7.88E-08 | \* | 4 | 9.80E-11 | \* |
| Genotype: Time | 16 | 3.48E-08 | \* | 16 | 7.99E-15 | \* | 16 | 1.50E-06 | \* |
| Treatment: Time | 4 | 4.86E-06 | \* | 4 | 2.95E-42 | \* | 4 | 2.14E-32 | \* |
| Genotype: Treatment: Time | 16 | 1.59E-01 |  | 16 | 1.55E-12 | \* | 16 | 3.90E-07 | \* |
| Trial | 2 | 6.43E-01 |  | 2 | 3.12E-01 |  | 2 | 4.35E-01 |  |