**Supplemental Table 4:** Real-time PCR results of two independent transgenic inducible *VIP1* lines.

|  |  |
| --- | --- |
|  | **Fold-change ± Standard Error** |
| **Inducible *VIP1*****Line #12** | **Non-induced vs. Induced****3 hours** | **Non-induced vs. Induced****3 hours + *Agrobacterium*** | **Non-induced vs. Induced****12 hours** | **Non-induced vs. Induced****12 hours + *Agrobacterium*** |
| *VIP1*  | 383.5 ± 134.7\*\*\* | 416.1 ± 65.7\*\*\* | 454.2 ± 62.1\*\*\* | 363.2 ± 92.9\*\*\* |
| *MYB44* | 1.8 ± 0.75  | 3.2 ± 0.8\*\* | 2.5 ± 0.65\*\*\* | 2.0 ± 0.6\*\*\* |
| *PHI-1* | 2.9 ± 0.85\*\*\* | 3.7 ± 0.6 | 12.3 ± 1.75\*\*\* | 10.6 ± 2.85\*\*\* |
| *CYP707A1* | 2.0 ± 0.55\*\*\* | 1.9 ± 0.3 | 1.0 ± 0.15 | 1.9 ± 0.3\*\*\* |
| *CYP707A3* | 1.9 ± 0.5 | 2.4 ± 0.5\*\*\* | 4.2 ± 0.5\*\* | 2.1 ± 0.6\* |
| *MES1* | 2.0 ± 0.9 | 5.9 ± 1.75\*\* | 3.0 ± 0.7\* | 3.8 ± 1.65\*\*\* |
| *LYK3* | 0.6 ± 0.25 | 1.6 ± 0.95 | 6.4 ± 1.3\* | 2.3 ± 0.8\*\*  |
| **Inducible *VIP1*****Line #8** | **Non-induced vs. Induced****3 hours** | **Non-induced vs. Induced****3 hours + *Agrobacterium*** | **Non-induced vs. Induced****12 hours** | **Non-induced vs.** **Induced****12 hours + *Agrobacterium*** |
| *VIP1* | 138.6 ± 7.85\*\* | 94.5 ± 11.75\*\*\* | 267.4 ± 43.4 | 150.9 ± 21.65\*\*\* |
| *MYB44* | 1.5 ± 0.2\* | 1.1 ± 0.1\*\*\* | 2.0 ± 0.45\*\*\* | 2.2 ± 0.2\*\*\* |
| *PHI-1* | 2.9 ± 0.25\*\*\* | 1.2 ± 0.1\*\*\* | 13.0 ± 2.0\*\*\* | 23.2 ± 2.85\*\*\* |
| *CYP707A1* | 1.2 ± 0.15 | 0.9 ± 0.2 | 1.3 ± 0.2 | 1.4 ± 0.15\*\*\* |
| *CYP707A3* | 1.5 ± 0.2\*\*\* | 1.0 ± 0.15 | 6.7 ± 1.3 | 3.0 ± 0.45\*\*\* |
| *MES1* | 2.1 ± 1.0 |  5.9 ± 1.75\*\* | 3.9 ± 1.45\* | 2.4 ± 1.25 |
| *LYK3* | 1.3 ± 0.85 | 1.6 ± 0.95 | 2.6 ± 0.55\* | 3.5 ± 2.1\* |

Changes in gene expression in induced versus non-induced samples are reported as the average fold-change of three technical replicates ± standard error. Significant P-values as determined by Student’s t-test are shown by astericks (\*P-value < 0.05; \*\*P-value < 0.01; \*\*\*P-value < 0.001).

**Supplemental references**

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