**Table S1 Sequences of primers used in qRT-PCR**

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| **Gene** | **ID** | **Forward primer (5'→3')** | **Reverse primer (5'→3')** |
| *PAL* | *Ag3G02671.1* | ACTCCTTCCTTGCCACTCCGT | CGAAGCCATCCCAGAACCAACA |
| *C4H* | *Ag8G00511.1* | TTTGGATCACGCACCCGTAACG | CGACAACACGAGCAGCCTCATC |
| *CHS* | *Ag1G00123.1* | AGATGGTGCTGCTGCTGTGATT | TCTGCGGAAGGTCTCTGCCTAG |
| *CHI* | *Ag2G01438.1* | CGCAGGTGTAAGAGGCATGGAA | TCGTCAACTGGTCTGCCGTCTT |
| *F3H* | *Ag4G01820.1* | CAAAGGCGTGTGTGGACATGGA | GCTTGGTGGTCGGCATTCTTGA |
| *F3’H* | *AgUnG00739.1* | GGTGGTGAAGCCAGACGAGTT | AAGCCTTAACACCGTGCCTCTC |
| *DFR* | *Ag7G02036.1* | ACTTCATCTGCCGGGACTGTCA | AGCCTGCCATGCTGCCTTCT |
| *FLS* | *Ag2G02190.1* | GCCCGACAATCCACCTTCTTACA | ATCTCCACCAACTGCCGTCCTTA |
| *ANS* | *Ag6G01785.1* | CCACCGCTCTTTCCTCCTCGTA | CCTGTACCCGTGGCTCAACCTT |
| *3GT* | *Ag8G00872.1* | GCCCTTCCCGTTACAGACCCTA | AGGATAGCTTGCTGGAGGTTGC |
| *GST* | *Ag7G01561.1* | CTTCTTACTCCGCCAGCCGTTC | TGTGCCCTTCAACTTCAAGCCA |
| *HEMA* | *Ag4G01886.1* | *GTAACTGCCATCCGTGAAGAGC* | *TGCCGACACAACCTCCTTGAG* |
| *CHLG* | *Ag10G00937.1* | *TTGTGGTGCTGCTGCTTCTG* | *TGAGCGTCTGTGTATAGCCAGT* |
| *PPH* | *Ag1G00237.1* | *CCCTGCTGGTCATTGTCCTCAT* | *AGCCGCACCTTCACTGTTCTT* |
| *PAO* | *Ag6G02287.1* | *CCTCCAATGTTGCCTGCTGACT* | *ACGGTTTGGCTCTATCCCTCCT* |
| *TUB-B* | *Ag10G02227.1* | *TGGTGGCACTGGATCTGGTATGG* | *ACTTTCGGAGGAGGGAAGACTGAA* |

*PAL*: phenylalanine ammonia-lyase; *C4H*: cinnamic acid-4-hydroxylase; *CHS*: chalcone synthase; *CHI*: chalconeisomerise; *F3’H*: flavanone 3’-hydroxylase; *F3H*: flavanone-3-hydroxylase; *DFR*: dihydroﬂavonol 4-reductase; *FLS*: ﬂavonol synthase; *ANS*: anthocyanidin synthase; *3GT*: flavonoid 3-*O*-glucosyl-transferase; *GST*: Glutathione *S*-transferase; *HEMA*: glutamyl-tRNA reductase; *CHLG*: chlorophyll a synthase; *PPH*: pheophytinase; *PAO*: pheophorbide a oxygenase; *TUB-B*: Tubulin-B.