

Table S1 Sequence-specific primers used in this study.

Gene	Gene name	Primer name	Primer sequences (5' - 3')
<i>PAL</i>	Phenylalanine ammonia lyase	Sense	CACTGAATGCCGATCATACCC
		Ant-sense	CCGTTCCAACCCTTGAGACA
<i>C4H</i>	Cinnamic acid-4- hydroxylase	Sense	AGCTCGCCGCTACAACATC
		Ant-sense	GCCTCCACGTGCTTCTCCTC
<i>4CL</i>	4-coumarate-CoA ligase	Sense	GGTGGAGATCGCCAAGAGCC
		Ant-sense	CTCCGTCATCCCGTACCCCT
<i>C3H</i>	P-coumarate 3- hydroxylase	Sense	ATCACCGCTGGGATGGACA
		Ant-sense	GGTACGGCAGGTTCTGGAAGT
<i>COMT</i>	Caffeic acid O- methyltransferase	Sense	GCCGTCAAAGGCATCAACT
		Ant-sense	GCAAGGCGTCATAGCAGTTC
<i>F5H</i>	Ferulic acid 5- hydroxylase	Sense	TCGACGACATGCTCGCCTTC
		Ant-sense	TCCCGCCAAACATCACGTCC
<i>CaMK1</i>	Calmodulin-dependent protein kinase	Sense	CGGTGTCCTTCATCTTGCG
		Ant-sense	ACGAGGTTGATGCTGACGG
<i>CaMK2</i>	Calmodulin-dependent protein kinase	Sense	CAACGGCACCATGACTTCC
		Ant-sense	GCAGAGATGAAGCCGTTTTGG
<i>CDPK</i>	Calcium dependent protein kinase	Sense	TTTGCTATGTGGTGTCCCCC
		Ant-sense	GCAGAGAGCCGCTTTGTAGG
<i>CaMT</i>	Calmodulin-binding transcription activated protease	Sense	ATCTCGAAGTCAAGGCTGGC
		Ant-sense	TCGTATTCAAGGCTTGTCGG
<i>Ca²⁺- ATPase</i>	Calcium-ATPase	Sense	CCACCGTCATCTGCTCCGAC
		Ant-sense	ATTGCACACAGCTGCGACCT
<i>Actin</i>	Reference gene	Sense	TCGTGAGAAGATGACCCAGA
		Ant-sense	CCGAGTCCAGCACAATACCT