

### Supplementary table 20. qPCR primer sequences

Gene	Forward primer (5' - 3')	Reverse primer (5' - 3')
Phenylalanine ammonialyase	GTACAAGTTTGTGAGGGAAGAATTG	ATTACAGGACATCCATAGCTTAGC
Cinnamate 4-hydroxylase	AGAGGTTCTTGGAAGAGGAGGCC	CACCTTTCTCTGCGGTGTCTATCTT
4-coumarate-CoA ligase	CTCCAAAGGGCGTAATGCTAAC	GCAGAGGAGAACAGAATTGAGAG
Trans-cinnamate 4-monooxygenase	CAAAGATTGACACCTCAGAGAAAG	GCTCCCTTTGTATCATCATTATCC
Caffeic acid 3-O-methyltransferase	GGGAGTCGTGCACATTGATGTTATC	GACTTGAGCCTTAGTTCTTGCGGAA
Caffeoyl-CoA O-methyltransferase	GGAGGTAACAGCAATAGACAAAGATC	GTGATAGTGCTTGTAGCTTGACTTG