

Table S1. Primers used in qRT-PCR.

Gene ID	Gene Name	Forward primer(5'-3') Reverse primer(5'-3')
CsaV3_4G006480.1	WRKY41	5'-CCGATAAGCAAGAACAGAAGGAA-3' 5'-GAGCCAAAGCAGAAGGTAGATG-3'
CsaV3_2G034220.1	CML38	5'-GAGACGGTGGTAGAGAAATTG-3' 5'-CTCTTCCTCTCCAACCTCCTTC-3'
CsaV3_4G003420.1	Ca3	5'-CAGAATCACCAAGAAGGAACTAAG-3' 5'-GCTCACCGAACTCATCAATATC-3'
CsaV3_3G012190.1	Ethylene14	5'-TAGAAGGCAAGGAGTACGGATA-3' 5'-CTGGTAAGCGGATATTCATTAGGA-3'
CsaV3_6G051810.1	TIFY 5A	5'-GATGCTACAACAGTCGTCTCC-3' 5'-GCTTGAACCCTATGCTTTCTCTT-3'
CsaV3_6G044570.1	bHLH18	5'-AATCTGACGATGCCTCTACCA-3' 5'-TTCCAGACACTCTTGCTTCTAC-3'
CsaV3_2G034810.1	MAPK	5'-CCGACCCGATTTCTGCTCTGTATA-3' 5'-TAACTCACTCGCCGTCCATCTC-3'
CsaV3_5G012670.1	Lignin POD	5'-CTCAGGTTTGCTTGAAACAGAT-3' 5'-ACCAGTAAGAGGTTGGATGTC-3'
CsaV3_7G031610.1	4CL	5'-CCTTCTTATCACACATCCTAAA-3' 5'-TTACTTCTTCCTCGCTTATTG-3'
CsaV3_4G023880.1	LOX2	5'-ACCTGACCTTCATTCCAATTCCAA-3' 5'-TTCGGTATCACTGAGCCAACTG-3'
CsaV3_3G032840.1	CCR2	5'-TTAGTGCTGACCTTCTTGATT-3' 5'-TTGTTCCGATTATGGCTTGTT-3'
CsaV3_6G039670.1	PAL	5'-AGGTGGCTGCTATTGCTACTC-3' 5'-CTCTCCATAACCCAATCACTGCTA-3'
CsaV3_UNG223560.1	POD17	5'-TTCATCAGAGAACCTCGTAGTGTC-3' 5'-GCATCGTCGGCGTATCATCTA-3'
CsaV3_6G001990.1	PYL	5'-GGAGGAGACCACAGGTTGAATA-3' 5'-CACATCCACCACATACGACT-3'
CsaV3_3G012390.1	Ethylene2	5'-CCTAATTCGGCACTTGTTGTA-3' 5'-CGTAGCATTGGCATCCTAATC-3'

Abbreviations: WRKY 41, WRKY transcription factor 41; CML38, calcium-binding protein CML38; Ca3, calmodulin-like protein 3; Ethylene14, ethylene-responsive transcription factor 14; TIFY 5A, protein TIFY 5A; bHLH18, transcription factor bHLH18; MAPK, mitogen-activated protein kinase; Lignin POD, lignin-forming anionic peroxidase; 4CL, 4-coumarate-CoA ligase 2; LOX2, lipoxygenase 2; CCR2, cinnamoyl-CoA reductase 2; PAL, phenylalanine ammonia-lyase; POD17, peroxidase 17; PYL, abscisic acid receptor PYL4; Ethylene2, ethylene receptor 2.