

**Table 4.** Primers used for real-time PCR analysis

Names	Sequences of primers
AtCAD1-5'	CCTCCATGAATGATCCGGATCTAAGAA
AtCAD1-3'	CGAAATAAGGTAACCTTGTCTGAGAAGAAA
AtCADA-5'	GGCAGAGCATGGCATAAAAGCAGAAA
AtCADA-3'	GCCAATGTATTAGAAATGTCAATGACAAA
AtCADB1-5'	CGATGAAGCCAACCTCTTAACCTAGAAA
AtCADB1-3'	CAACTGATAAAGTACATGCAGTGTGGTAATA
AtCADB2-5'	CATTGAAGCCTAATCCTAATTTATAAGTTTTAA
AtCADB2-3'	ACTATTCATTTATTGGATTAAGCATACCAAATTA
AtCADEF-5' <sup>a</sup>	ATCGTTTCGGATATTGAGCTCATAAA
AtCADEF-3' <sup>a</sup>	TCTCAGCTGACGACTCAGGGAGTAAA
AtCADG-5'	GGTATGAGAATGCTCGCTGGAAGTGTA
AtCADG-3'	GGATAAATCTTATGAGCTGCACAGAAA
4Cl1-5'	TTTTTCATCGTTGATCGATTGAAAGAA
4Cl1-3'	CAATTAGCGACTGCAAAACGAACAA
C4H-5'	CGTTATGAAACCAAGGAAGTGTAAA
C4H-3'	GCAATCGTAGAACGAACCATTTAAA
CST-5'	GTATGATTTTCAGCTTCCATGCAATAA
CST-3'	GAAAGCAGCTCTAATTCTCCCAAAA
OMT1-5'	CCTTATTGAGTTACTCAAGAAGCTCTAAAA
OMT1-3'	GGAACCGTGGAAGGAGATATGAGATAA
CCoAOMT1-5'	AAGCGTTTGATCGATCTTGTGAAAA
CCoAOMT1-3'	AAGAGCCTTGTTAAGCTCAAGAACAAA
CCR1-5'	AGATCGGGTCTTGAAAAGCTTATTAA
CCR1-3'	ACAGAGGTTTCACATAACCAGAGACAA

<sup>a</sup> Primers are designed to amplify both *AtCAD E* and *AtCAD F* genes.