

Supplementary data: primers used

	AGI number	primer 5'	primer 3'	exons (5' 3')	bp cDNA
PAL					
Arath;PAL-1	At2g37040	ATGGAGATTAACGGGGCACAC	GTACCGCCGAGAACACCGCC	1..2/2	507
Arath;PAL-2	At3g53260	ATGGATCAAATCGAAGCAATG	GTACCGCCGAGAACACCGCC	1..2/2	473
Arath;PAL-3	At5g04230	GCCGCCGCTATCATGGAG	GCCATGGCGACTTCTGCG	2..3/3	439
Arath;PAL-4	At3g10340	GCCGCCGCAATTATGGAACAT	GCTGCTCTGCGCTTTGGACA	2..3/3	507
C4H					
Arath;C4H	At2g30490	GCAGAAGGGAGAAATCAACG	CAATATAATCCCGGGACAGC	2..3/3	499
4CL					
Arath;4CL-1	At1g51680	GATTTGAGCTCGATAAGAGTGGTG	ATTTGCTAGTTTTGCCCTCA	1..4/4	723
Arath;4CL-2	At3g21240	AGAACCACGAGTGGACTCAAT	CTGGAAACGGCTCTTTAGCA	1..2/4	563
Arath;4CL-3	At1g65060	CGCTGATCACTACCGATGAACCAA	GCTGAAGTGGCTTCTGGATCG	1..4/7	790
Arath;4CL-4	At3g21230	CGGCGTTGTTTCGTCGAGTGA	CGTGCAGTAGCTTCCGGATCA	1..3/5	774
HCT					
Arath;HCT	At5g48930	CATTCACTCTTTCCCGCTTC	GTTCCCATCCTCCTTGATT	1..2/2	363
C3H					
Arath;C3H-1	At2g40890	CTCATTACGTGAAGGTGAGAAAAGT	GATCTTGACATCTGCGTTGC	1..3/3	785
Arath;C3H-2	At1g74540	TTACTCCCTATCATCGTCGCC	AGGTATTGCTCTTGCGGCAG	1..1/1	1458
Arath;C3H-3	At1g74550	ACCACTATCATAATCGCCGCCTAC	TAACTCTTGCGCAGCCTGG	1..1/1	1431
CCoAOMT					
Arath;CCoAOMT-1	At4g34050	GGCCCTGCTCTTCCCGTTC	GGTGCATCAGGAGGAGCCA	3..4/4	196
Arath;CCoAOMT-2	At1g24735	TGGAGAACTGCTTCCGCC	ATCAGCAGCGAGACGCTTG	1..5/5	641
Arath;CCoAOMT-4	At3g61990	CGACGTTTTCAACGAGCTTT	TAGGCTGATGGTCTCTCAT	1..8/9	776
Arath;CCoAOMT-5	At3g62000	GTCTCCGTTGCCAGGAGTT	CTGATGGTCTTCGCATCAT	1..8/9	662
Arath;CCoAOMT-7	At1g67990	ATGGTCGATTACCTGACAAAAG	ACGTCTACATAGCGTGAGACCAT	1..5/5	686
Arath;CCoAOMT-6	At1g67980	GCCAAATGAAATTCCTACCAA	ACAGAGCGTGATACCATCTCC	1..5/5	681
Arath;CCoAOMT-8	At4g26220	CTAAGGATGAAGCCAAGGGATT	TGCAAATAGTGATACCATCGC	1..4/4	681
CCR					
Arath;CCR-1	At1g15950	TGTGGATGTTCCGGATGTC	GAGGAGCAAGATGGCCTTTC	4..5/5	299
Arath;CCR-2	At1g80820	CTTCTCGACTACGAAGCTCT	GGGTAGTAACTTGTATGGCTT	1..4/4	673
COMT					
Arath;COMT	At5g54160	GTCATGCTCGACCGTATCCT	GCATCTTCGATGACATGTGG	1..2/4	494
F5H					
Arath;F5H-1	At4g36220	GGTCCGGTCGGTCTCTTGTA	CACGAGCCGCTTGTATCC	1..2/3	235
Arath;F5H-2	At5g04330	GGCTTACCCGTCATTGGA	AGACGACGATGGGGCAGAG	1..2/2	1423
CAD					
Arath;CAD-1	At4g39330	AACAGAGCATCCGAACAAAGTCT	AGGGCTCAAGGAGTTAGCCA	1..5/5	1060
Arath;CAD-2	At3g19450	CTTGGAATGTCTAATTATCCTATG	GAATCAATTTCCCGTCGAGT	2..4/5	646
Arath;CAD-3	At4g37970	GAGCGTAGAGGCGTTTGG	CGAAACTAGAGGCAATGTGT	1..3/6	454
Arath;CAD-4	At4g37980	GGCTGCGAAAGACGAATC	AATATCCGCCGTGATGTTGT	1..4/4	928
Arath;CAD-5	At4g37990	AGAAAGAGGCGTTCGGAT	AATCACAAAGCGGTACCTA	1..4/4	1025
Arath;CAD-6	At4g34230	TGATCTTGGCATGTCTAATTACC	GACATCAACGACGAACCTAT	2..5/5	883
Arath;CAD-7	At2g21730	CGACCTGCCAATTTTCTCTCTA	TCAGAATCTAGACGTGATCG	3..4/4	292
Arath;CAD-8	At2g21890	CGACCTGCCAATTTTCTCTCTA	TCAGAATCTAGACGTGATCG	3..4/4	292
Arath;CAD-9	At1g72680	ACGAGTGCATGTGTTGGGC	CTTGATGTCAATCACGAAACG	1..6/6	1028