

Table S1. Primers used in this study

Gene	Gene accession number	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')
<i>CmAII</i>	MELO3C005363	ATCCAATGGCCTGTGGAAGA	CCACTTCAAACCTCCGCCAAT
<i>CmAII2</i>	MELO3C005364	CTCATCCCTCCGCCTTACTC	GGATTCTGGGAGATGAGGTGT
<i>CmNII</i>	MELO3C001505	CGGACAATGCTTGCACCTC	GACGAAACCCATCCACCAAG
<i>CmNII2</i>	MELO3C006727	CCAACCTCTTGATGGAAGCG	TGCCTGTCTGTACGTCAACT
<i>CmNII3</i>	MELO3C024083	GAAAGCCATGAGTGGCGAAT	AGCTGTTAGCAGCCACAGTA
<i>CmSSI</i>	MELO3C001956	CGATGAACGTTGGATTGCCT	TGAAGACCGGCTTCTGACAT
<i>CmSSI2</i>	MELO3C022252	TGGGTCCGATGTTCTAAGGG	AGTAACTGTCTTCGGTGGCA
<i>CmSSI3</i>	MELO3C025101	TCGTTGGGTTTCTCGTTTCG	GCCATGAGAGATGCCACAAG
<i>CmSPSI</i>	MELO3C008101	ACCTCCAGGCATGGATTTCA	AGGGTCAGGGCGAGATAATG
<i>CmSPS2</i>	MELO3C010300	GCTCAGCCAGATCCACCTAT	GCCGACATTCTCCAAATGCT
<i>CmSPS3</i>	MELO3C012336	TCTGGTGGTGGGTACAGTTC	ATTCCGGTAAGCCTTCCCAA
<i>CmSPS4</i>	MELO3C020357	TGAAAGCCTTCGGAGAGTGT	TGGGTATGCCACTTGACCAT
<i>CmHXK1</i>	MELO3C014574	GGCTGTCTGAGGGAGGATTAT	TGTGATGCACTACAAGTGC
<i>CmPAL1</i>	MELO3C014223	AGGAACAAGGCTTTGCATGG	GCTCGGGTTTCTACTTGCAG
<i>CmPAL2</i>	MELO3C014224	GCTGAGGCTGCCTTTAAACA	CCTACAGCAGTGCCATTGAC
<i>CmPAL3</i>	MELO3C014226	GGGAAGCTCATGTTTGCTCA	TGCTCAGCACTTTGAACATGA
<i>CmPAL4</i>	MELO3C014227	CTGCAAGCAGAAACCCAAGT	GTTGCTCAGCACTTTGGACA
<i>CmPAL5</i>	MELO3C014228	CTGCAAGCAGAAACCCAAGT	GTTGCTCAGCACTTTGGACA
<i>CmPAL6</i>	MELO3C014229	GCAGAGGGAGCTCATACGAT	GTAGCCTTGAAGGAGGGTGT
<i>CmPAL7</i>	MELO3C017809	CTGGTGAAGCTTGGAGGAGA	AGTGCCTTTACCCATGCTCT
<i>CmPAL8</i>	MELO3C017810	AGAGCATGGGTAAAGGCACT	TTGTTGCGGAATGAGGCAAA
<i>CmPAL9</i>	MELO3C017811	CTGGTGAAGCTTGGAGGAGA	AGTGCCTTTACCCATGCTCT
<i>CmC4H1</i>	MELO3C003932	GCCAAGTCTCCATGCTCAG	CATCCTCCCACATGCCACTA
<i>CmC4H2</i>	MELO3C019585	CAGAGCTAGTGAACCAACCA	GGAGGTATGGGAGCTTGTGT
<i>CmC4H3</i>	MELO3C003933	GCTTGCTAGCCAAGTTCTCC	TCTACGCATCTTACGCCAGT
<i>CmC4H4</i>	MELO3C003934	GGAATTCAGGCCAGAGAGGT	TTCTTCTTCCAACGCCGAAC
<i>Cm4CL1</i>	MELO3C023493	TCCCACATTACATTCCCA	CCGTAAGCTGAACGTCATGG
<i>Cm4CL2</i>	MELO3C024886	ATGAAGATCGTCGACACCGA	TGCCTCCGATTGTTGAGAT
<i>Cm4CL3</i>	MELO3C009362	CCTCGTCTCCAATCCACTT	GAATCCCGAGTTGGCTGAAC
<i>β-actin</i>	MELO3C023264	CCGTTCTGTCCCTCTATGCT	AGTAAGGTCACGACCAGCAA