

Table S1. Primers used for qRT-PCR

| Gene | Forward (5'-3') | Reverse(5'-3') |
|------------------|--------------------------|---------------------------|
| <i>CmMYB6</i> | ACGGCGAAATAGGGTGGTCATTAG | GGATTGCAATATCATAGTTGGTCCG |
| <i>CmMYB#7</i> | TACAGGATGCACAAGCTTGTTG | ACATCGTATGAGACAAAGTGTC |
| <i>CmbHLH2</i> | GGGTTGTTGCTTGACGTGATGAAG | GCTAATTTTCTTCCCCCTAATACC |
| <i>CmbHLH2.1</i> | ACCGTTCAATCCTGTGTCG | CGTCGTTCAAGCAAGAGC |
| <i>CmCHS</i> | CAAGGAGGAGAAGATGAGAG | CCGAACCCGAATAAAACAC |
| <i>CmCHI</i> | GCAGGTGTGAGAGGTATG | GCAACGGAATCGCTTTATC |
| <i>CmF3H</i> | CACGGGTAATGTTAGGTAGG | TGTAGGTCAAATCGGTCAAG |
| <i>CmF3'H</i> | AGGCGGATTCATCGTTTC | ACTCTTTGGGCTTATCAGG |
| <i>CmDFR</i> | TAGTAACAAAGGCGGACAC | GGATTATTCACCAAGTATGCTC |
| <i>CmANS</i> | GGGCTCCAACACTACTCTATG | TCCTAACCTTCTCCTTATTCAC |
| <i>CmUGT</i> | ATCACAGGGACTATCAACC | TCCACCACCAGACAACATA |
| <i>CmGST</i> | CCAAAAATGGGTGGTAAAA | TAAGATCCGCAAGGGTGAA |

Table S2. Primers used for LUC vector construction

| | Forward (5'-3') | Reverse(5'-3') |
|----------------|--|---|
| <i>CmMYB6</i> | CAGCCCGGGG <u>GATCC</u> GTAATGTTGCATGTAT CCAAAC | TGGCGTCTT <u>CCATGG</u> TTTTACTCTTATATCCCT AATTG |
| <i>CmMYB#7</i> | CAGCCCGGGG <u>GATCC</u> GTAATCCAGATATCAT GAGTGG | TGGCGTCTT <u>CCATGG</u> CAGTTGAAAGGATAGGT TAGG |
| <i>CmbHLH2</i> | CAGCCCGGGG <u>GATCC</u> GGAAGCAAGTAAATC GGAGG | TGGCGTCTT <u>CCATGG</u> CGCTAACCACCTCCTTA GCTTC |

Note: Added restriction enzyme sites are underlined