

Table S4 Primer sequences used in this study for qRT-PCR

Gene ID	Gene name	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')
BraA05g02 7600.3C	<i>BCAT4</i>	ATTATCGCTACAGGGTGT ACTG	ATCTGCAACCTCCCGAATA TAG
BraA06g01 2350.3C	<i>CYP79F1</i>	CAGTTTGGGGAGATTTTG GAAG	AGGTTGCAATTTGCTCTTCT TC
BraA04g02 9510.3C	<i>CYP83A1</i>	TCTTTTACATCTTCACCGT GGA	CTGTGTTTTGCTAGCTTTC TT
BraA03g02 0140.3C	<i>WRKY33</i>	TTTGTTTGCTGAAGAAGT CACC	CTTCGGTGTGCGTAATCAAT CAC
BraA04g02 2100.3C	<i>GST</i>	TAGCTTTGGTGTGTGCTT TAC	GCAAATATCAGCCAATTTT GCC
<i>BraA09g021</i> 180.3C	<i>CYP707A</i>	ATCTGATGAATTCTTGAG GGCA	GAATTTGAGATGCCCTAAC GTC
BraA01g01 3470.3C	<i>ANS</i>	ACGGCGATAACAAGAGA GTAA	GAATAAGTCGAAGATGCGT TGG
BraA03g03 4380.3C	<i>sir</i>	TCGGATCGAATACTCTGA CAAG	ATGAATAGCGTAATGGACC CAT
BraA08g00 9680.3C	<i>SELENBP1</i>	CGATCAATGCACCTTACA GGAAG	CACAAGCAAAGGTTATGCA GAT
BraA01g00 4020.3C	<i>ALDH</i>	GATGTTCAACGGATTCTA CAGC	ACAATGTGCTGGATCATAG TGA
BraA01g02 8620.3C	<i>petF</i>	ATACGCTACGTCAAGTTC TTGA	GAAATCCATGACGTCTTCA TCG
BraA09g02 9800.3C	<i>ATPF1D</i>	AACCTGAGATCAAAGTG CCTTA	CACAGCAATGACACTTGTT GTA
BraA07g01 0120.3C	<i>psaF</i>	GAAGGATAAGAACGAGG ACGAT	TGGATCTTCTTGTCTTCAG GG
BraA07g03 1170.3C	<i>psbY</i>	CTACCTGGAAGCTGTTTC AGTA	CCTCCGAAAACACTTTTAA CGT
BraA01g00 8860.3C	<i>psb28</i>	ATGGACCTGTACTGAAC CAATT	AGCTCCAACAGAACTCTA CTC
BraA02g02 5510.3C	<i>WRKY40</i>	ACTTGAAGAATCTCGCTC TCTG	ATCAGGATCATGAGGAATG TCG
BraA07g03 8080.3C	<i>SOT16</i>	AATTTCAAGATTCTGCCC ATCG	CGGTTGAATCCGTCTTTGTA TC
BraA04g01 7740.3C	<i>CARP</i>	GATCCCTGAGTTGAAGC ACTAT	TTGTGATTTTGAAGAGCAC TCG
	<i>braActin</i>	CGGTGTCATGGTTGGGA GA	CGTGCTCGATGGGGTACTT C