

Table S1 List of primers in this study

GmDET2a.nF	TCACATATTTTCGTCCATTACCA	Nest-PCR to amplify <i>Gm DET2a</i>
GmDET2a.nR	TGTCCTTTGAAGTAGCAGTGTTA	Nest-PCR to amplify <i>Gm DET2a</i>
GmDET2b.nF	TCCATCTTCTCTAATCTCCGTC	Nest-PCR to amplify <i>Gm DET2b</i>
GmDET2b.nR	CCTTTGAAGTAGCTAGTCAGCT	Nest-PCR to amplify <i>Gm DET2b</i>
GmDET2a/2b.oxF	AaggtaccATGATCCCAGAACACTACTCC	Over-expression
GmDET2a/2b.oxR	AagtcgacTCAATACAAGTAAGGAATAACAGC	Over-expression
AtCPD.qF	TTGCTCAACTCAAGGAAGAG	qRT-PCR
AtCPD.qR	TGATGTTAGCCACTCGTAGC	qRT-PCR
AtDWF4.qF	CATAAAGCTCTTCAGTCACGA	qRT-PCR
AtDWF4.qR	CGTCTGTTCTTTGTTTCCTAA	qRT-PCR
AtBR6ox1.qF	TCCCGTATCGGAGTCTTTGGT	qRT-PCR
AtBR6ox1.qR	TGGCCAATCTTTGGCGAA	qRT-PCR
AtBR6ox2.qF	CAATAGTCTCAATGGACGCAGAGT	qRT-PCR
AtBR6ox2.qR	AACCGCAGCTATGTTGCATG	qRT-PCR
GmDET2a.qF	ACCGTAGGTGGTATTTGGAG	qRT-PCR
GmDET2a.qR	TCCTTGACCTCACATTAAGCA	qRT-PCR
GmDET2b.qF	GGTGGTATTTGGAGAAGTTTGG	qRT-PCR
GmDET2b.qR	CCCACATTCCCAAATACAATCC	qRT-PCR
AtEF1- α 4.qF	CTGGAGGTTTTGAGGCTGGTAT	qRT-PCR
AtEF1- α 4.qR	CCAAGGGTGAAAGCAAGAAGA	qRT-PCR
GmEF-1 α .qF	CTGGAGGTTTTGAGGCTGGTAT	qRT-PCR
GmEF-1 α .qR	CCAAGGGTGAAAGCAAGAAGA	qRT-PCR
GmDET2a/b.qF	AATGTATGGGCTGATAGGGT	qRT-PCR to identify over-expression lines of GmDET2aOX or GmDET2bOX
	AGGTGGTATTTGGAGAAGTTTG	
GmDET2a/b.qR		qRT-PCR to identify over-expression lines of GmDET2aOX or GmDET2bOX