

Supplementary Table S1. qRT-PCR primer information

Gene Name	Unigene name	amplicon size (bp)	Primer name	Primer sequences (5'-3')
<i>FsUGT</i>	TRINITY_DN13484_c0_g1	239	qUGT-F	AGCTTGTGGTCTGAATCGGA
			qUGT-R	AGCCCTCGATCCTTCATACG
<i>FsOMT</i>	TRINITY_DN12053_c0_g1	153	qOMT-F	ATGCGAAAATTTGCAGGGAAG
			qOMT-R	CCAGCAGCAGGAAAAAAGAGA
<i>FsCCoAO MT</i>	TRINITY_DN972_c0_g1	180	qCCoAOMT-F	CAAATGATTGAAGATGGGAAGA
			qCCoAOMT-R	CAATGGTGCATCAGGTGG
<i>FsDIR</i>	TRINITY_DN448_c0_g1	196	qDIR-F	TCAGGCGATTGACAAACAGC
			qDIR-R	ATCCATAACAAAGACCGCGC
<i>FsC3H</i>	TRINITY_DN4745_c0_g2	264	qC3H-F	GGAGCCCATCAAGGAGCAAT
			qC3H-R	TGGCATCTTCCGAGTGTGTG
<i>Fs4CL</i>	TRINITY_DN9140_c0_g2	156	q4CL-F	GAAGTCGGCTGATGTGGTTC
			q4CL-R	ACGCGGTACCTCTGTATCAG
<i>FsCAD</i>	TRINITY_DN14607_c0_g1	150	qCAD-F	CCACCCTCTTGAGCCTTAC
			qCAD-R	TCCTTGATGCTCCCGATAA
<i>FsCCR</i>	TRINITY_DN734_c0_g1	184	qCCR-F	GCAGCAGTATGGAGACAAA
			qCCR-R	GACCAGGATTGATGGAAAC
<i>FsPAL</i>	TRINITY_DN1686_c0_g1	117	qPAL-F	GGCTGCTCAGAACTACACG
			qPAL-R	CACTTCAATTTGTGGGCCGA
<i>UKNI</i> (Shen, et al., 2020)		92	qUKNI-F	CAGACCAGCTTTGAGGAGTATC
			qUKNI-R	GGCCAGAAACCAGTAGTCAATA
<i>SDH</i> (Shen, et al., 2020)		100	qSDH-F	GAAATCGTCCCAACCTCTTACC
			qSDH-R	AGCTGTTTCAGGACAAGGTTATG
<i>G6PD</i> (Shen, et al., 2020)		119	qG6PD-F	TGCTCGGGCTTGATAGAAAC
			qG6PD-R	GAAGGACGCGGTGGATATTT