

Table S1 Primers used for qRT-PCR

Gene	Forward primer(5'-3')	Reverse primer(5'-3')
<i>SIPT4</i>	ACTCTCTATCGACTTAGCCACTCAA	ATTACCCCTAGGCAATGATGTGGT
<i>GLK2</i>	AACATCAGCGAGATTTGCAGC	CAACTTTGATGATGGCAGGGC
<i>SGR</i>	CACTTCATGTCCATTGCCAC	ACAAAAGCCTTGAGAACCACA
<i>Rbcs3</i>	TGCTCAGCGAAATTGAGTACCTAT	AACTTCCACATGGTCCAGTATCTG
<i>PSY1</i>	GGGCGGCCATTTGACAT	AATGGCTGAATATCAACTGGAAAGT
<i>ZISO</i>	CCTTCTTCTTCCTATACCCGTCG	AGCGTGTGAGCTAAGCACCA
<i>ZDS</i>	GGTGGGTGCTGAAAAAAT	GGAAAGCGGAAATCAAGTT
<i>CrtISO</i>	AATGCTGGTAGCATCGCTC	ATTCCGCCAAAATGTCTGTCAC
<i>CrtISO-L1</i>	TCAAGGAGCCCTTGGTGCTA	GGAGATCCAGCCAATTTCTGAT
<i>CrtISO-L2</i>	TTCATCATTACGCCTCGTC	CATGAACTCGCAGAACTTGTCG
<i>LCYB</i>	CGACGTGATCATTATCGGAGC	GTGGTGAAGGGTCAACACAACA
<i>LCYE</i>	GCCACAGGTTATTGAGTCGTCA	CCAGTCCAAATAGGAAAAACGAT
<i>ZEP</i>	TCTAGGAGGCAATGGGGACA	TCTGCATCAGTAGCACGCTC
<i>NCED1</i>	AGGCAACTGTGAAGCTTCCATCAAG	TCCATTAAAGAGGAATATTCCGGGGAC
<i>NCED2</i>	TGGTTTTTCATGGGACATTCATTAGC	ATCTCCCTTCTCAACTCCCTATTCC
<i>WRKY53</i>	TCTCAACCAGCAGCCAGATG	CGTTGTGGAAGTGTTGGCTG
<i>SAG12</i>	CACACCCTAAGATTATGTCCTCCTC	CATCCACATTCCATTTGGTCCTTGA
<i>Slactin-51</i>	TGTCCCTATTTACGAGGGTTATGC	CAGTTAAATCACGACCAGCAAGAT