

**Supplemental Table S1. Primer sequences for qRT-PCR**

<b>Gene Name</b>	<b>Gene ID</b>	<b>Forward Primer (5' - 3')</b>	<b>Reverse Primer (3' - 5')</b>
miR172a	Chr. 1	AGAATCTTGATGATGCTGCA	
miR172b	Chr. 5	AGAATCTTGATGATGCTGCAT	
miR172c	Phvul.001G233200	GGAATCTTGATGATGCTGCAG	
miR156a	Chr. 9	TGACAGAAGAGAGTGAGCAC	
miR159	Chr. 4	TTTGGATTGAAGGGAGCTCTA	
UBC9	Phvul.006G110100	GCTCTCCATTTGCTCCCTGTT	TGAGCAATTTTCAGGCACCAA
AP2-1	Phvul.005G138300	CAGCTACCTTTCCGCCAAATGC	TAGGCTGGGATGGTGTCTGCAG
AP2	Phvul.011G071100	CGGAAAATTCACCTGGCGTC	TCCGATCGAAAGCAACCGAA
AP2	Phvul.001G174400	ATCGCGGCGTCACTTTCTAT	GCAGCTCGATCATAAGCCCT
AP2	Phvul.003G241900	AAAGCACTGGATTCCCGAGG	TGCAGCTTCAATCTCGGTGT
AP2	Phvul.002G016900	AACGGAGGCCGTATTGGAAG	GCCAACCTAGGGAGGGTCTA
AP2	Phvul.007G240200	ACTGAAGGCAACAAGGAGCA	CTCCCACAACCCCGATTTGA
SPL	Phvul.009G165100	TGCAGATGCTAGGTTGCACA	GTGGAGGGATGGTTACCGTG
NOD55	Phvul.003G155600	AATAACCAGTGGCCAACATCA	AGTGCTTCCTAAACGCAAACA
NF-YA1 (HAP2)	Phvul.001G196800	TACTTTGGCAATCCATCCTTG	AGACAGTTCGGTGCAGAAAGA
NSP2	Phvul.009G122700	GACGGTTATCGGGTAGAGGAG	CGGAGGAAGAAGAAGTCCAAA
CYCLOPS	Phvul.002G128600	TCCTTACCACATTCTGCTGAGA	CCAAGAGATTCCAGAGGTTCA
NIN	Phvul.009G115800	GGGAGAAGAGGCGTACGAAG	GTTGTGGGACACACTCCGAT
ENOD40	Phvul.002G064200	GGGTCCTTACCCTCACACT	TGTAGCCAAAGCCTCTCATCC
FLOT2	Phvul.009G090700	GGAACCCTGTCAGACAAAACA	TTCACGAATCCAAAACAACC
PEPC	Phvul.005G066400	AAGTGAGTATGCCCTGGTTT	GAAAGGGAAGATGGGTGAAAG
Cystein-Proteinase CP	Phvul.003G240800	CCTCTGGCAGGGCTTTGCAACT	GGTGCTTCTCACGTTGCGCT
Aminocyclopropanecarboxylate oxidase	Phvul.002G326600	GGAGCACCGTGTGATTGCTA	CCAACAATGGTGGTGCAGGA
Serine/threonine protein kinase	Phvul.007G049500	GCGGTCTCCTTCACGCTTAT	GCTGTTGGCTGTGTAGTTGC
Serine/threonine protein kinase	Phvul.007G049000	CTGGTGGAACACAGCAAAGG	GCAGCATACTTACGACGGGA
Glycogen synthase kinase-3	Phvul.006G174500	ATACTCCCAAGTCTCCGGT	CATTTGGCAGGCGAGCATTG
Serine/threonine protein kinase	Phvul.011G169600	AGCCTTGCGCAAACCATTTT	CACGTGCAATCCCAATGCAA
Serine/threonine protein kinase	Phvul.008G263900	GGGGAGCGTCTAGACATAGC	TGCCACTTTGGCCTTTAGGT
Hb-1	Phvul.011G048600	TGTGGTCCCCGAAATGAAG	GCACAGACCCAAACACAACC
Hb-2	Phvul.011G048700	ATTCTGCAGAGTTGGGCCTC	TGCTCCAAAGGAACGGTTGA
RIC1	Phvul.005G096900	TATTGCGGACAGCCATCATCA	TCCCTCTGGTGCAGTCTAT
NIC1	Phvul.005G097000	AGAAGACCCAACTCGAAGGT	TCCTCCGGGGCTTAGTCTTT