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**Table S14** Sequence-specific primers used for qRT-PCR.

Unigene		Primer sequence
<i>Primers for transcriptomic mRNAs</i>		
comp19260_c0_seq3	F	AGCACGAGGAGAAGCACGAG
	R	CCTTGGATTCTTCCTTGGACTC
comp26205_c1_seq1	F	GTTCTCTCTTGCCGTCACTG
	R	GAGTAGTCCTTGTCCTTCTGG
comp31921_c0_seq1	F	CAGTCATCAACTTGGCACATTC
	R	TGGTGTCCCTTGTTTCTCATCG
comp34233_c0_seq1	F	GGTGGGCGGGTATTATGATG
	R	TTGATTAGTTCTCTGATGTGATGG
comp36901_c0_seq10	F	CGCTCCATCATCTTGTTCTTG
	R	TCGTCATTGCCACCTACTTC
comp39255_c0_seq2	F	AATACGACAGGAAGTGGAAGC
	R	ACAGCCATCATAGCAGAAGC
comp42302_c0_seq5	F	GCAGCCACAAGAAAGCAAATG
	R	ATCCAATCTCAATCGCAACCTC
comp42344_c2_seq2	F	TTGACAGTTATATGATTCCAGAGG
	R	GCATTTGATTCCGAGAGACG
comp43374_c0_seq5	F	TCTCTCTTCTTTGCCTCTTACG
	R	GCTCTGCCCTCATTTCCTTC
comp44333_c0_seq5	F	AGTTGAGTTTCGCCTTTGTTC
	R	ATATAGAGGAGTAAGACAGAGACC
comp44806_c0_seq4	F	ATACTAAGGCTTCTCTCCAG
	R	CAGGTTCCACATTCACATCC
comp45586_c1_seq22	F	GGGCTCCATAAAACAACCTGTG
	R	GACCAACGCTCCTTTCATCC
comp39360_c0_seq1	F	CCAGGAACAAGTAGCCTCATG

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	R	AGATCGTCTTGTACCTGTGG
comp37945_c0_seq1	F	TTGCCATTCTATGCAAATCTG
	R	TTTGATAAAACCTCCGGGGC
comp40958_c1_seq1	F	TATAACAAGTCACCAGAGGC
	R	CTCGCCCAGATTTTCGGAA
comp43854_c0_seq2	F	GCTAAAATCGAGAATGGCACGT
	R	TTCCCCACTTGCCAAGCAA
comp35259_c0_seq1	F	GAATCCCAGTCATAACCCATTG
	R	CGTGCCTGTGGTATGTACAGA
comp36234_c2_seq1	F	ACAATGGTAGGACAGTTGCTC
	R	AGGTTTGGTTGAGGATTCGAG
comp21546_c0_seq1	F	ATTGTCGGGCTGTACAAATCTC
	R	CTTCAACGTTCAAGTTTGGCAT
Tobacco Tublin	F	ATGAGAGAGTGCATATCGAT
	R	TTCACTGAAGAAGGTGTTGAA

*Primers for mature miRNAs*

cln-miR1535	F	CTTGTTTGTGGTGATGTCTAG
cln-miR156a	F	TGACAGAAGAGAGAGAGCACA
cln-miR159	F	ATTGGTTTGAAGGGAGCTCC
cln-miR162	F	TTGATAAACCTCTGCATCCAG
cln-miR164	F	TGGAGAAGCAGGGCACGT
cln-miR166a	F	CTCGGACCAGGCTTCATTC
cln-miR166b	F	TCGGACCAGGCTTCATTCC
cln-miR168	F	CTTGGTGCAGGTCGGGAA
cln-miR169b	F	CAGCCAAGAATGACTTGCCG
cln-miR169c	F	GAGCCAAGGATGACTTGC
cln-miR169d	F	GGCAAGTTGTCCTTGGCTAC
cln-miR169e	F	TAGCCAAGGATGACTTGCCTGC
cln-miR171b	F	TTGAGCCGCGCCAATATCT

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cln-miR196	F	TTCCACGGCTTTCTTGA ACTT
cln-miR390	F	AAGCTCAGGAGGGATAGCG
cln-miR393	F	CATCCAAAGGGATCGCATTGA
cln-miR395	F	ATGAAGTGTTTGGAGGAACTC
cln-miR396a	F	GTTCAATAAAGCTGTGGG
cln-miR529	F	AGAAGAGAGAGAGTACAGCCC
miRNA (for all)	R	CGTCGAGCATTGAAATTTCTAGA
5.8sRNA	F	ACGTCTGCCTGGGTGTCACAA
	R	GCGAGCACAGAATTAATACGAC
<i>Primers used to amplify gene fragments in the transient co-expression assay</i>		
comp35259_c0_seq1	F	CGAGGTACCCTTCAAGACTGCAAGGCGG
	R	GACGGATCCCACAACATTCTGCCTCAGACT
comp36234_c2_seq1	F	CGAGGTACCGCAACAGCAGCAGTTTCTG
	R	CGAGGATCCCAGGTGCATTTCAACTGAATCC
comp21546_c0_seq1	F	CGAGGTACCCAGTTGATTGGTTTGTATGGCAAG
	R	CGAGGATCCCTAGCAAGAACCTGCCAC
cln-miR159	F	CGAGGTACCGGATGGAGCAGGAGGAGAGA
	R	GACGGATCCAGTTGGAGCTCCCTTCAAGC
cln-miR171b	F	CGAGGTACCGTTGGAGGTTTGGTTGAGGA
	R	CGAGGATCCACAGGCGATATTGGCGCGGC
cln-miR393	F	CGAGGTACCCTTTCAAATTGATCCCTTTC
	R	CGAGGATCCGAATCAATGCGATCCCTTTG

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