

**Table S3. Semi-quantitative PCR primers and summary of CHIP results**

Gene	PCR primer (5' to 3')	AP2 binding site*	Enrichment (LUG-GFP) ( <i>lug-16</i> )	Enrichment (SEU-GFP) ( <i>WT</i> )
<i>miR172c-F1</i>	GAGATTACGAGAATCCGCACTCA	1.6 kb	No	No
<i>miR172c-R1</i>	GGTTTTAGGCTTTTAGCCCAAGGA			
<i>miR172c-F2</i>	AGGATCCACATGTGCCATA	1.4 kb	Yes	Yes
<i>miR172c-R2</i>	CGTGAGCTATTCAGGATCACGA			
<i>miR172c-F3</i>	TCGCTGACTAAATAGTTGGA	366 bp	No	No
<i>miR172c-R3</i>	GAGGCCAATTTTGCATCC			
<i>miR172c-F4</i>	ACCTGAGTATCTGAGATCTCAGT	225 bp	No	No
<i>miR172c-R4</i>	AGGGATGTATGTAGTGATTGG			
<i>miR172e-F</i>	AGCCTTTGGCTTCTGTTCTGA	118 bp	Yes	Yes
<i>miR172e-R</i>	CGGTTTCGAGGTCTAAAGTTGGGA			
<i>EIF4a1-F</i>	CGCATCCTATCGGATTGTCT	NA	No	No
<i>EIF4a1-R</i>	CTCAGATGATGTGCGGAGAA.			

\*Approximate location of each AP2 binding site from the start of cDNA (*miR172*) based on sequence information from [www.arabidopsis.org](http://www.arabidopsis.org). NA, not available.