

**Regulation of flowering time via miR172-mediated
APETALA2-like expression in ornamental gloxinia
(*Sinningia speciosa*)^{*#}**

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Table S1 Culture medium used in this study

Differentiation medium	MS+6-BA 2mg/L+NAA 0.3mg/L
Selection medium	MS+6-BA 2mg/L+NAA 0.3mg/L+hgy 20mg/L+Tim 160 mg/L
Root-inducing medium	1/2 MS+NAA 0.2mg/L+sugar 2%

Table S2 Primers used in the experiments

	Primer
MIM172-I	CTTACGTCGTAGTAGGAGTTCTAAGATTTCTAGAGGGAGATAA
MIM172-II	AATCTTAGAACTCCTACTACGACGTAAGCTTCGGTCCCTCG
miR172a-Stem	GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGAGCCA
-loop primer	ACATGCAG
miR172a Forward	GCGGCGGAGAATCTTGATG
miR156a-Stem	GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGAGCCA
-loop primer	ACGTGCTC
miR156a Forward	GCGGCGGTGACAGAAGAGAG
UPM	GTGCAGGGTCCGAGGT
SsU6-UP	GACATCCGATAAAATTGGAACGATA
SsU6-DN	ATTTTGACCATTCTCGATTGT
SsActin-qRT-UP	TTCTCCTTTACATCACGAACAATTT
SsActin-qRT-DN	ATCCAGGCTGTCCTTTCATTGTAT
SsAP2-like-qRT-UP	CAGCCGCCCGTGCATATGATAGG
SsAP2-like-qRT-DN	GAATTGGCCATTCTAGCTTCCC

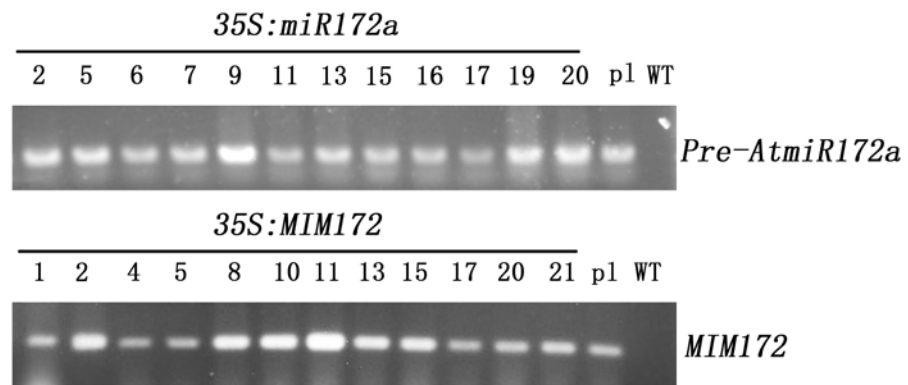


Fig. S1 PCR analysis of *Pre-AtmiR172a* and *MIM172* (*35S:MIM172*) in transgenic glaxinias

Data S1 Nucleotide sequence of *SsAP2-like*

ATGAAAAGGGTAAACGGGTCGGATCGGTGTCAAATTCAAGCTCATCGGCG
GTGGTTATTGAGGATGGTTCAGAGGAAGAAGATGCGGAAAGGGCAGGTGG
AAGGAAGAGGAGCAGCAAATCTTTGGATTTTCTGTGGCTCATAACCATGT
AGATGATGAAACAGGTACAGGCTCATCACCGGTGACGAGGCAATTTTTTCC
GGTGGATGAGGCTGAAATGAGAGGCGGGGAGCCTCCCAATTTTCCCAGGG
CTCACTGGGTGGAGTACAATTCTGCAAGTCTGAACCTCAAACGGCGGT
GGCAACTCCGTCTCGGGGAAGTCGGTAGCAGATATGTCACAGCCTCTCAAG
AAGAGCCGCCGCGGACCTAGGTCCCGGAGCTCCAGTATCGCGGCGTAC
TTTTTACCGGAGA ACTGGTCGCTGGGAGTCCCACATATGGGATTGCGGGAA
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TGATAGGGCAGCCATTAATTGAGAGGAGTGAAGCTGACATTA ACTTTAG
TTTGGAGGATTATGAAGAAGATTTAAAACAGATGAACAATCTAACAAAGGA
GGAATTTGTGCATGTA CTCCGGAGACAAAGTACTGGTTTTCCAAGAGGAAG
TTCTAAGTATAGAGGTGTTACTTTGCACAAATGTGGTAGATGGGAAGCTAG
AATGGGCCAATTCTTAGGCCAAAAGTACGTTTATTTGGGTCTCTTTGATACT
GAAATTGAAGCTGCAAGGGCTTATGATAAAGCCGCCATAAAATGTAATGGG
AAAGAAGCTGTTACCAATTTTGAACCCAGCATTTATGAAGAAGAACTCAA
ACAGCAGCGTCTACATGCAATGCAATGGACCACCACAATCTAGACCTAAGT
TTGGGGAATTCAGCACCAAAGCCAAACGGGTGCGGTGAGAAATCCGGGGT
TAGAGATCAGCATTCTTCATCAATGCAATTTGAAGCTGATTGGAGACGCCGT
GGATTGAGGCCTGAGATTCAGCTTAATTTCCAGCATCAAATGAGTTCAATTG
ACAATGATCAAATCCTCGTAGAAGAGATAACGGATATAATGAGACAGAAA
CCTTGCAGCTTCTAAGCCAAACACACCTTCATTCATCCGGCTCATCCAAGAT
TACTAACGAAATGCATAGAATGGGACA ACTAGGAAAGCAAACGAACCACA
CATGCTTCAAATGTA CTGTAACACAACGCTTACCTCACAAA ACTATCAATTT
CCAAGGAGTAACGCCATAACCAATGGTGGCAGTAATATAAGAGGAGAGTTT
TCTGTTTCAAGAAATGAACAGCAATGGCAAATGAATCAGTCTCAAATGTTT
GCTACTGCTGCAGCATCATCAGGATCCCACAGGCGCAGATGTTAAGACCC
CAGAATTGGCTTCAGAAAATGGGATCCA CTCTCATGAGACCCTCATGA