

Efficient *Potato virus X* -based microRNA silencing in *Nicotiana benthamiana*

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Supplementary Table S1. Primers Used in Vector Construction and PCR Analysis.

Primer ID	Primer Sequence (5'-3')	Brief Description
Stem-loop 165/166 ^c	GTCTCCTCTGGTGCAGGGTCCGAGGTATTC GCACCAGAGGAGAC <u>gGGGGAATGAAG</u>	For stem-loop RT of miR165/166
miR165/166 FP ^b	CGGC <u>TCGGACCAGGCTT</u>	For miR165/166 Real time PCR
Stem miR165/166 RP	GTGCAGGGTCCGAGGT	For miR165/166 Real time PCR
STTM 165/166 FP ^a	<u>CgACgACAAgACCgTGGGGGATGAAGctaCCTGGTCCGAgttggtgtgtatgg</u>	For cloning STTM165/166
STTM165/166 RP ^a	<u>gAggAgAagAgCCgTTCGGACCAGGtagCTTCA TTCCCCattcttctttagacca</u>	For cloning STTM165/166
miR165/166 target FP	ATCCGCCAAGGGATGCTAGT	For <i>TC21810</i> Real time PCR
miR165/166 target RP	TCGGCTCTAGACCAACCAGG	For <i>TC21810</i> Real time PCR
Stem-loop miR159 ^c	GTCTCCTCTGGTGCAGGGTCCGAGGTATTC GCACCAGAGGAGAC <u>GAGCTCCCTT</u>	For stem-loop RT of nbt-miR159
miR159 FP ^b	GCGGGCG <u>TTTGGATTGAAG</u>	For miR159 Real time PCR
Stem miR159 RP	GTGCAGGGTCCGAGGT	For miR159 Real time PCR
STTM 159 FP ^a	<u>CgACgACAAgACCgTTAGAGCTCCCTgtgcTCAATCCAAAggttggtgtatgg</u>	For cloning STTM159
STTM 159 RP ^a	<u>gAggAgAagAgCCgTTTTGGATTGAgcacAGGGAGCTCTAattcttctttagacca</u>	For cloning STTM159
miR159 target FP	CATCACCCATCATCTCCGGT	For <i>NbMYBL1</i> Real time PCR
miR159 target RP	GACCACTGTTCCGAGGTGAC	For <i>NbMYBL1</i> Real time PCR
eIF4A FP	GCTTTGGTCTTGGCACCTACTC	For <i>eIF4A</i> Real time PCR
eIF4A RP	TGCTCGCATGACCTTTTCAA	For <i>eIF4A</i> Real time PCR
48 nts	GTTGTTGTTGTTATGGTCTAATTTAAATATGG TCTAAAGAAGAAGAAT	As STTM template

Supplementary Table S1. Primers Used in Vector Construction and PCR

^a, STTM mimic sequence is underlined; ^b, MiRNA sequence is underlined; ^c, Reverse-complement sequence of miRNA is underlined.