



Figure S1. (A) Melt, (B) standard, and (C) amplification curves for determination of SrMV contents in sugarcane leaves.

Table S1. Primers used for qRT-PCR to detect genes expression. IDT online software (<https://sg.idtdna.com/PrimerQuest/Home/Index>) was used to design genes specific primers for qRT-PCR.

Gene ID	Primer	Primer sequence(5'~3')
<i>Soff.04G0004130-3G</i>	q-PAL-F/R	F: AGAAGATTTGGGTCGTGTTGG R: TCCTCGGACCTGTTGATCTT
<i>novel.4754</i>	q-ABA-F/R	F: GTTTGTGTCCGTTCTGGATTTG R: GCGGACCTTCTCACTCTTATG
<i>Soff.02G0015160-6G</i>	q-PR1a-F/R	F: CGGGAAGGCCATCTACATAGT R: CAAGTTGAAGAGGTGGGTGTTG
<i>Soff.02G0015160-2C</i>	q-PR1b-F/R	F: GGCTAAGAAGGCCTGTGATTT R: CCAGATGGAGCAACACCAATA
<i>Soff.04G0005200-4F</i>	q-PR1c-F/R	F: GTGGATCTGGTCGAAATACAA R: CTCACCACCCTTCCCAATAAC
<i>Soff.04G0021370-3D</i>	q-ICS-F/R	F: GTTGACTGTTTGCAGGTTTG R: CCCTTGTTCTGCCTTCTCTATG
<i>novel.18733</i>	q-NPR1a-F/R	F: CCGTGGTCCATGTTCTACATTA R: CTCGAGATCGACCTCCAAATTC
<i>novel.23616</i>	q-NPR1b-F/R	F: CCGTGGTCCATGTTCTACATTA R: CTCGAGATCGACCTCCAAATTC
<i>GAPDH</i>	GAPDH	F: AAGGGTGGTGCCAAGAAGG R: CAAGGGGAGCAAGGCAGTT