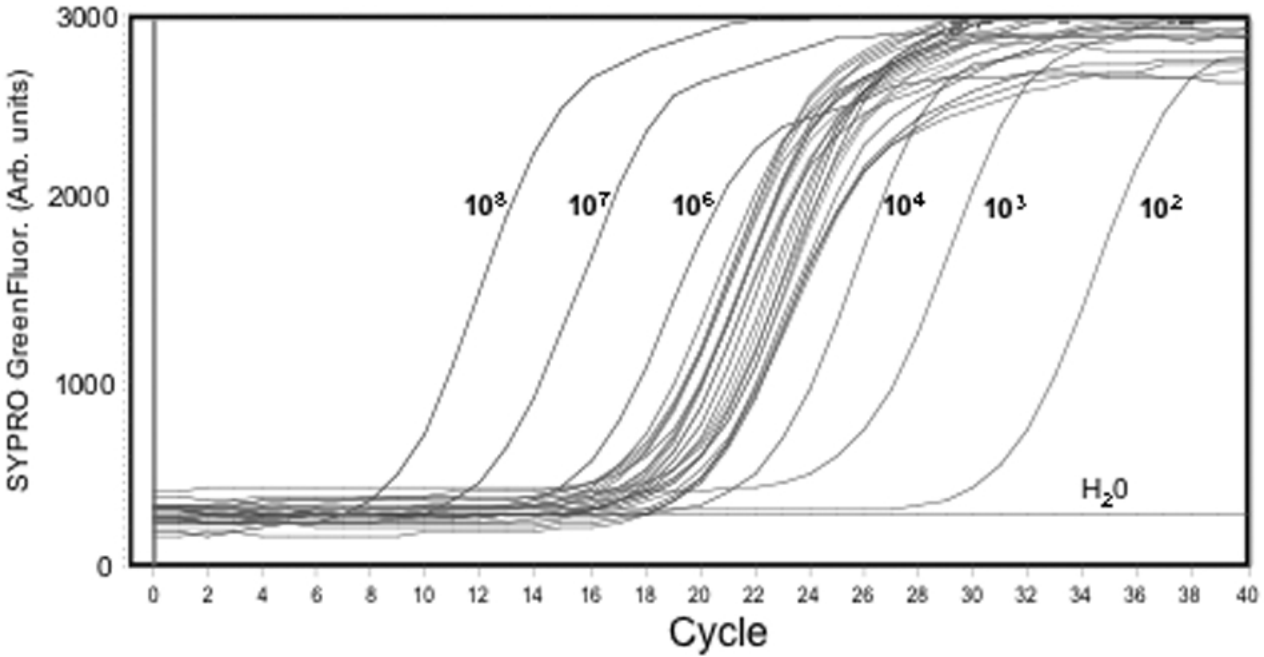
A



B

Controls:		Ct
	H_2O	0
cDNA of BMV RNA2 (molecules per reaction)	10^8	6.8
	10^6	16.7
	10^4	21.0
	10^3	26.0

A-pCP at OD_{595}	Mean	Std Err (n=3)
0	22.4	0.17
0.05	21.4	0.19
0.1	22.7	0.27
0.2	20.5	0.42
0.5	21.3	0.37
1.0	20.7	0.19
2.0	22.3	0.17

sFig. 1. Real time PCR results quantifying BMV RNA2 in *N. benthamiana* leaves infiltrated to express the three BMV RNAs along with increasing concentrations of the A-pCP. Total RNAs from the samples were harvested 48 hpi samples and treated with DNaseI, extracted and the precipitated in preparation for quantification and reverse transcription. Each total RNA sample was adjusted to 100 ng/mL and 1 μL was used for cDNA synthesis. PCR amplification was performed with the SYBR green Kit (Invitrogene Inc) in a Realplex Thermal Cycler. The Ct values were set at ten std deviations from the background and determined along with known concentrations of in vitro transcribed BMV RNA2 that were subjected to the same preparation prior to an reverse transcription reaction. **A)** An example of the raw data from the PCRs. **B)** Ct values for standards as well as *N. benthamiana* samples that were infiltrated with increasing amounts of A-pCP.