

**Supplementary Table 1.** Primer lists of the reverse transcription-polymerase chain reactions

Target	Primer	Sequence	Target size (bp)	Reference
SMV	SMV C20	TGCCTATACCCCTCAACAT	492	Lee et al. (2012)
	SMV N40	CATATCAGTTTGTGGGCA		
SYMMV	SYMMV F01	TATCCACCATTTAATCTTTCAGG	551	
	SYMMV R05	TAACGGGTCATTCATCAACTTCAT		
TSWV	TSWV NCP For	ATGTCTAAGGTTAAGCTCAC	777	Yoon et al. (2014)
	TSWV NCP Rev	TCAAGCAAGTTCTGCGAGTT		
CMV	CMV For	CTCCCACGGCGATAAAGGACTACT	236	Lee (2022)
	CMV Rev	TTTCACACAAGCGGAGGGCAC		
CIYVV	CIYVV For	GGACTGCTGAACTTGGACCA	200	-
	CIYVV Rev	TGAAGATCACCTGACGTGCC		
<i>ACT</i> gene	<i>ACT</i> gene For	TCGTATGAGCAAGGAAATTGG	101	Libault (2008)
	<i>ACT</i> gene Rev	TAGAGCCACCAATCCAGACAC		

SMV, soybean mosaic virus; SYMMV, soybean yellow mottle mosaic virus; TSWV, tomato spotted wilt virus; CMV, cucumber mosaic virus; CIYVV, clover yellow vein virus.

## References

- Lee, H. T. 2022. Development of lateral flow reverse transcription recombinase polymerase amplification (LF RT-RPA) for detection of cucumber mosaic virus (CMV) on *Cnidium officinale* in field. M.S. thesis. Jeonbuk National University, Jeonju, Korea.
- Lee, Y. H., Lim, S. T., Yoon, Y. N., Jeon, M. G., Yun, H. T., Ko, J. M., Lee, S. H., Lee, K. W. and Baek, I. Y. 2012. Incidence of soybean viral diseases in Korea. *Korea Soybean Digest* 29:7-15.
- Libault, M. A. R. C., Thibivilliers, S., Bilgin, D. D., Radwan, O., Benitez, M., Clough, S. J. and Stacey, G. 2008. Identification of four soybean reference genes for gene expression normalization. *Plant Genome* 1:44-54.
- Yoon, J.-Y., Choi, G.-S., Cho, I.-S. and Choi, S.-K. 2014. Development of a novel sap extraction buffer for simultaneous detection of pepper viruses using VC/RT-PCR. *J. Korean Soc. Int. Agric.* 26:41-47 (in Korean).