

Plasmid	TOSV genomic segment end	Sequence (5' -> 3')
pUC57-L	T7 promotor – 3'UTR – ATG	TAATACGACTCACTATAG ACACAAAGAGGCCCAAATATG
	TAA – 5'UTR – HδV ribozyme	TAACAAC TTTGACACTTAGAGAACTAAGAAGGATAAAG GGTTAGGGGGGTGTTCCTTTGTATTGTCTATAAATTATT TAAGAATTGGGCGGTCTTTGTGTGGGT CGGCATGGCATC TCC
pCC1-M	T7 promotor – 3'UTR – ATG	TAATACGACTCACTATAG ACACAAAGAAGGTGCTTATG
	TAA – 5'UTR – HδV ribozyme	TAAAA TAATCCATCTTCTTTCTATTATTCTCATGTATCT TTCACCTCAGGGTTTAGGGGGGAGTGGGCAGTGCATGTG TATGGCTCCGTTAGGCAGGTCTGAATCTCAGGGAAAGTA TGGGAAGCAAAACAAGTTGATGGCAGTTTGGACATATTT TGTTTTGTTCTTTAAAGCACCGGTCTTTGTGTGGGTCCG CATGGCATCTCC
pUC57-S	T7 promotor – 3'UTR – ATG	TAATACGACTCACTATAG ACACAGAGATTCCCGTGTATT AATCAAAGCTATCAACATG
	TAA – 5'UTR – HδV ribozyme	CATGGCTGTCTAGAAGTCTATTATTAGTTCTGGTTTAGC GATACGGGAGGTCTTTGTGTGGGT CGGCATGGCATCTCC

Figure S1. Sequences of the 3' and 5' ends of the TOSV genomic segments, flanked by the T7 polymerase promoter (T7 promotor) and the HδV ribozyme respectively. T7 polymerase promoter and HδV ribozyme appear in black and TOSV genome sequences in blue. The authentic ATG (or CAT) start codons and the UAA stop codons appear in blue bold. UTR, untranslated terminal region.

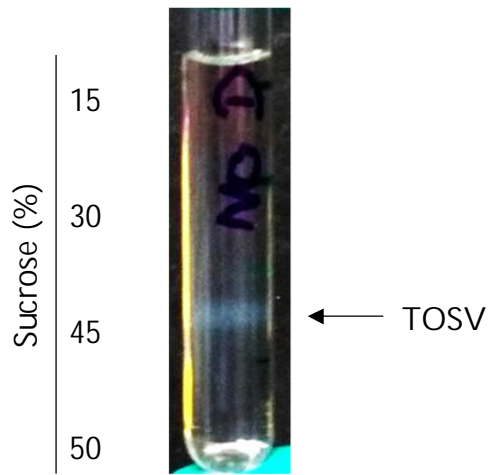


Figure S3. The picture shows a sucrose linear gradient after ultracentrifugation with a large white band that corresponds to TOSV.