



Supplementary Figure S1. Green fluorescent protein-tagged ToTV (ToTV_{pJL}-Kra_{GFP}) is infectious and stable through passages in *Nicotiana benthamiana* and *Solanum lycopersicum*. (A) *N. benthamiana* plants were infected by ToTV_{pJL}-Kra or ToTV_{pJL}-Kra_{GFP} by agroinfiltration, and six days after infiltration, GFP fluorescence was verified only in ToTV_{pJL}-Kra_{GFP}-infected plants. Under blue LED light in the leaves and main stems of plants infected by ToTV_{pJL}-Kra_{GFP}, sGFP-derived fluorescence was detected; (B) The

presence of either ToTV_{pIL}-Kra or ToTV_{pIL}-Kra_{GFP} in *N. benthamiana* was assessed by reverse transcription-polymerase chain reaction (RT-PCR) with three primer pairs (2TT5/2TT6, 3A/Vp35 and sGFP), as described in the Materials and Methods. The positively verified plants were used as virus sources for mechanical sap inoculation of *N. benthamiana* and *S. lycopersicum* seedlings; (C) RT-PCR-based analysis of passaged viruses in inoculated *N. benthamiana* and tomato plants. For RT-PCR, the abovementioned primer pairs were used.