

Additional file 1: cDNA sequences of wild-type NIa (from nucleotide 5692 to 6981 of GenBank accession DQ986288) and the five tagged variants TSTNIa1 to 5. Twin-Strep-tag (TST) sequence is on yellow background; codons corresponding to amino acids binding Strep-Tactin and to spacers in blue and gray, respectively. Positions corresponding to the different NIaPro autoproteolytic sites are on blue background. Mutation C6037T that increases viral load and infectivity in *A. thaliana* Ler-0 is in red. In TSTNIa1 and TSTNIa3 the three codons in front of TST are duplicated (*italics*) after the tag, but include a silent mutation (in red) to avoid homologous repetitions.

>NIa

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