

**Figure S2.** Full sequence of wild-type potato virus X (PVX; GenBank accession number MT799816) and its derived recombinant clones PVX::crFT, PVX::crXT1:crFT and PVX::Nib:crFT. In recombinant PVX clones, heterologous sequences are transcribed from coat protein (CP) promoter and a deleted version of PVX CP, lacking the 29 initial codons, is transcribed from an heterologous promoter derived from bamboo mosaic virus (BaMV) CP (Dickmeis et al., 2014). **PVX CP promoter** with a ATG-AGG mutation to abolish start codon is underlined. **BaMV CP promoter** is in blue. crRNA sequences corresponding to **NbFT** and **NbXT1** are on fuchsia and red backgrounds, respectively. **Protospacer** sequence is underlined (dotted). cDNA corresponding to **TEV nuclear inclusion b (Nib)** cistron is on dark blue background.

**>PVX (MT799816)**

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