

Plant-produced recombinant ACE2-Fc fusion protein as anti-SARS-CoV-2 agent

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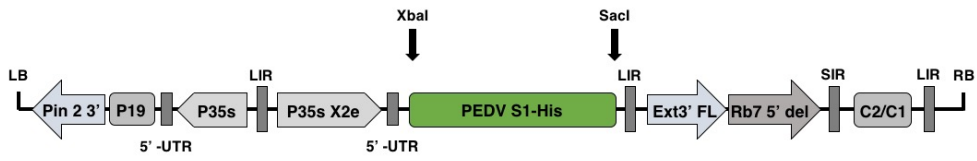
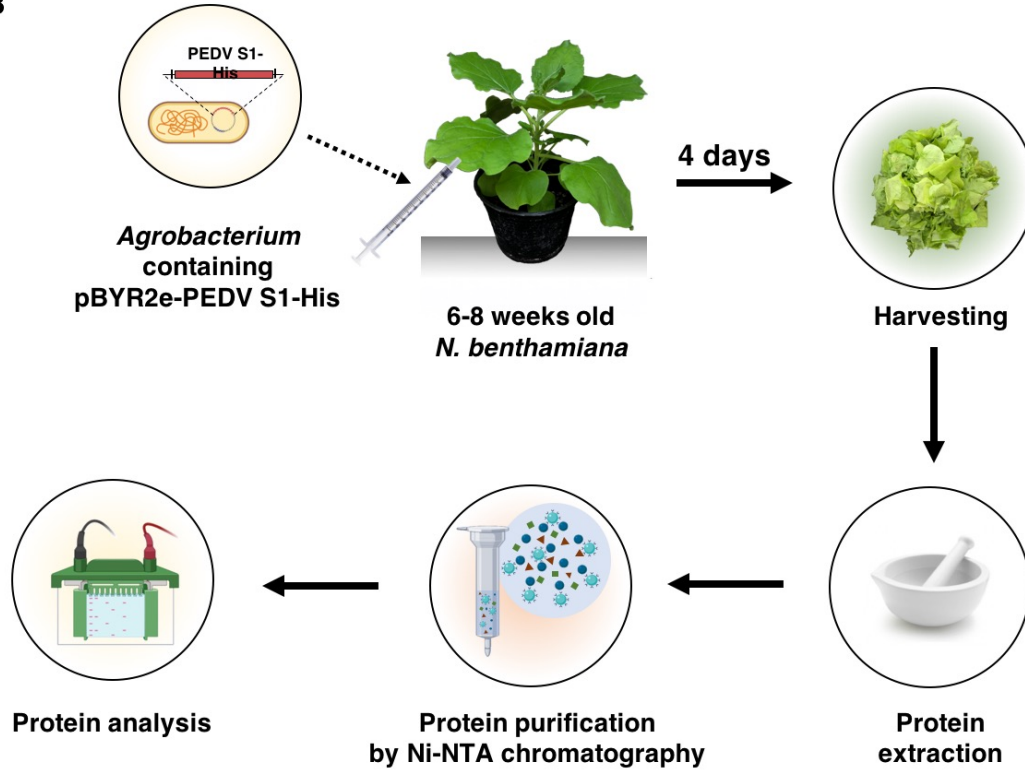
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Figure S1. Expression of spike protein of porcine epidemic diarrhea virus (PEDV) in *N. benthamiana*. Schematic representation showing the plant expression construct pBYR2e PEDV S1-His used (A). Diagrammatic representation showing the overview of transient expression of PEDV S1 protein in *N. benthamiana* (B). Western blotting of plant-produced PEDV S1 under reducing conditions. SARS-CoV-2 RBD-His from Sf9 cells (Genscript Biotech, USA) (lane 1 – positive control) and purified plant-produced PEDV S1-His (lane 2) probed with anti-His-HRP conjugate antibody. The red and black arrows indicate the presence of S1-His of PEDV and SARS-CoV-2 RBD-His, respectively (C).

A**B****C**