

Supplementary Figure S1. Mass spectrometric analysis of tagged products. (A) Fragmentation spectrum of the shift-site peptide derived from V5-tagged 2A-2B*. **(B)** Fragmentation spectrum of a peptide consistent with 3C-Pro cleavage of tagged 2A-2B at the conserved Q|G encoded just downstream of the frameshift site. **(C)** Fragmentation spectrum of the shift-site peptide derived from HA-tagged 2A-2B*.

