



Figure S4

Additional 5' or Kozak's stem-loop structures in the 5' UTR inhibit translation initiation of X and P.

(A and B) Expression of BDV P and X from the 5' UTR mutant plasmids. Schematic structure of 5' UTR mutants is shown. The 5'-stem and Kozak-stem were introduced upstream of the uAUG and by replacing with uORF coding sequence, respectively. OL cells cultured in 12-well culture dishes were transfected with 0.8 μ g of each plasmid. Forty-eight h post-transfection, cells were lysed and subjected to western blot analysis using anti-BDV P and X antibodies. (C) Nucleotide sequences of artificial stem structures.