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Electronic Supplementary Material

Highly Efficient Base Editing in Viral Genome Based on Bacterial Artificial Chromosome Using a Cas9-Cytidine Deaminase Fused Protein

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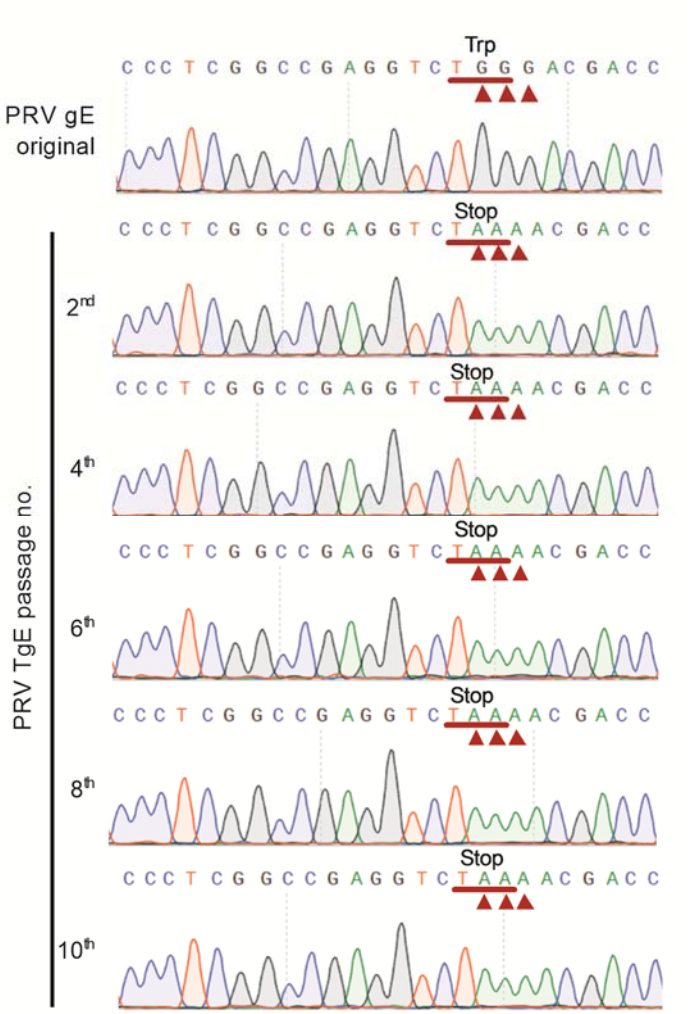

Fig. S1 iSTOP mutation stability of PRV TgE within 10 passages. PRV TgE mutant was sub-cultured for ten passages, one microliter of cell lysate was taken as template for PCR amplification and Sanger sequencing. The substituted bases were marked with red arrows.

Table S1. Sequences of oligonucleotides used in this study.

Table S2. The editable iSTOP codons information in PRV-Ea genome

Table S3. The count of editable iSTOP codons in PRV-Ea genome.

Table S4. The editable iSTOP codons information in PRV-Becker genome

Table S5. The editable iSTOP codons information in PRV-HNX genome