

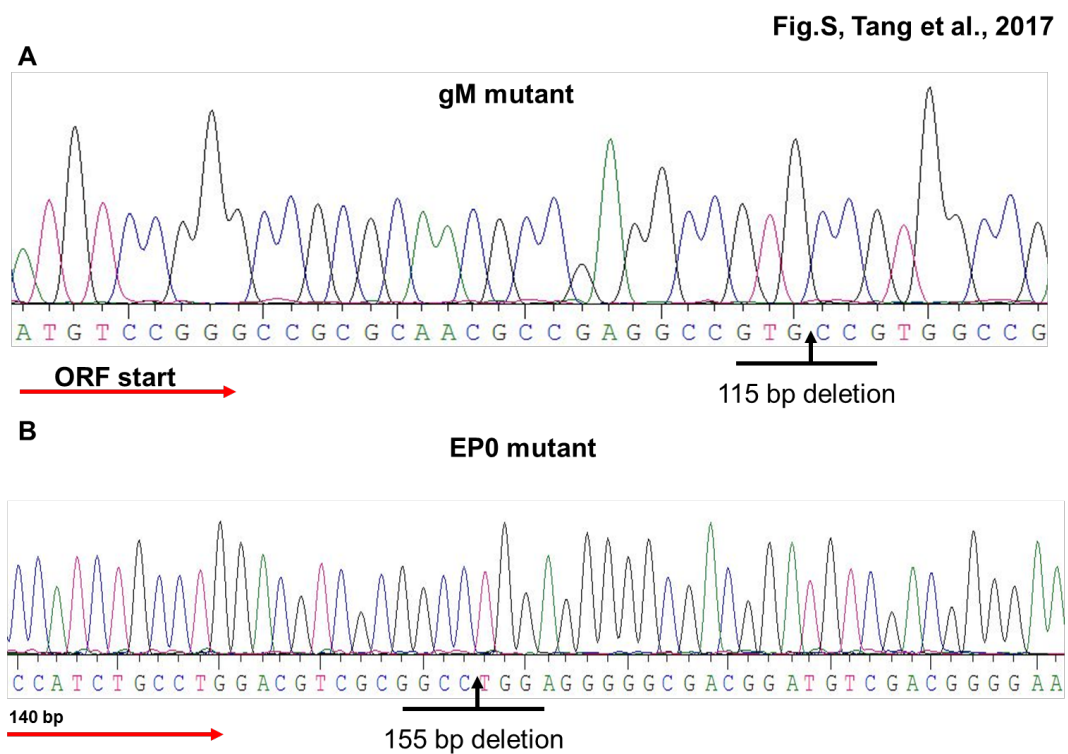
## Comparison of Pathogenicity-Related Genes in the Current Pseudorabies

### Virus Outbreak in China

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**Figure S1 Gene knockouts confirmation.** From (A) to (E), the indicated mutants were confirmed by DNA sequencing. From (F) to (H), the indicated mutants were confirmed by western blot. (I), TK deletion mutant was confirmed by ACV.



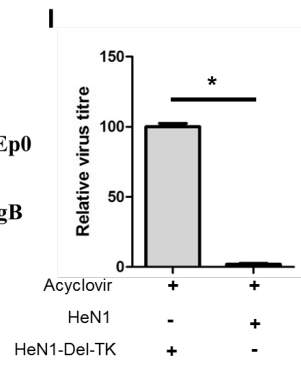
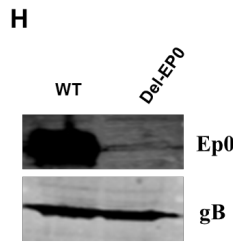
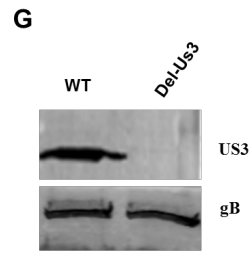
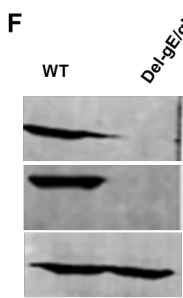
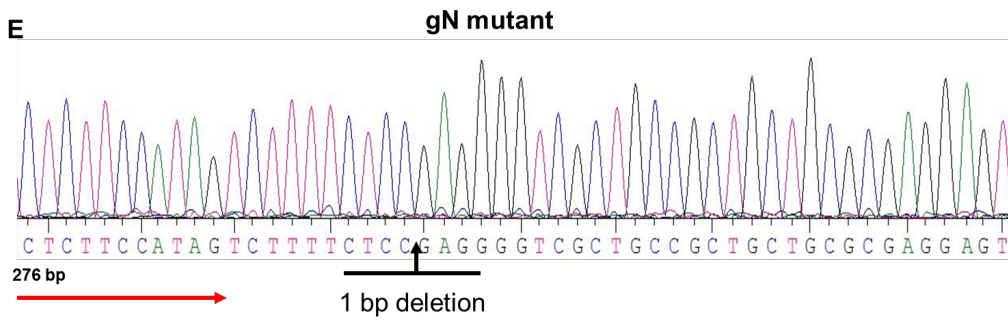
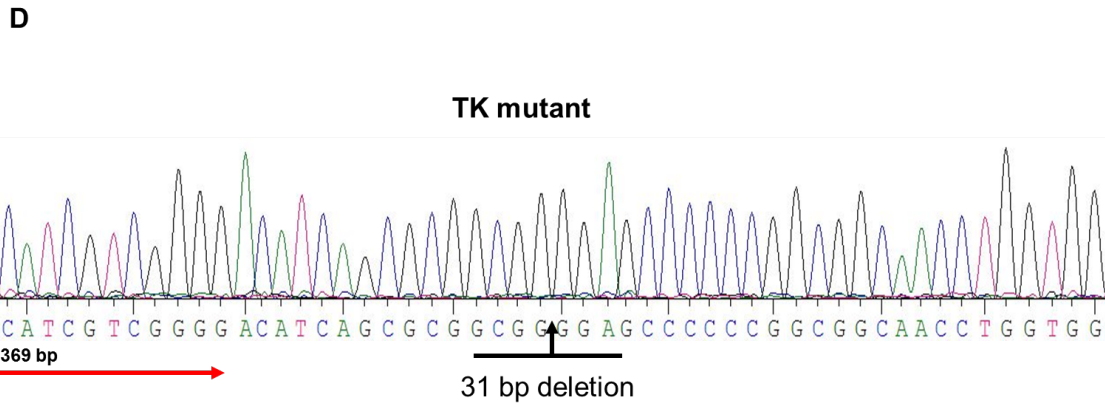
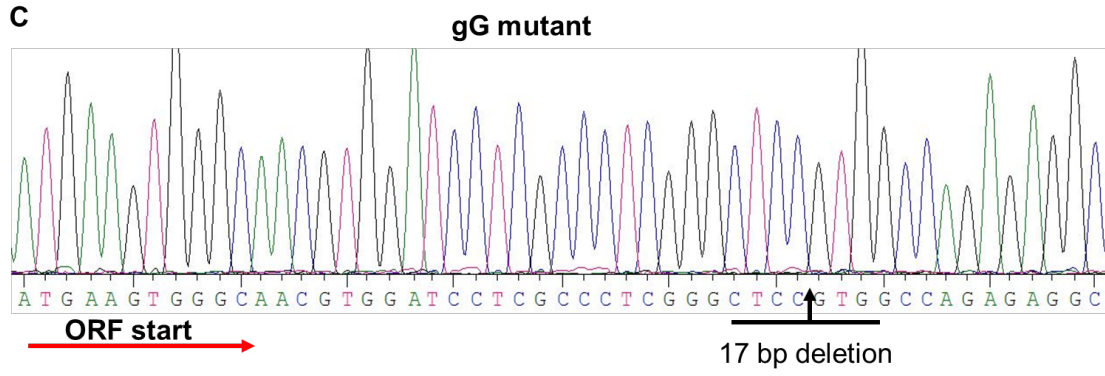


Table S. CRISPR/Cas9 knockout efficiency.

<b>sgRNAs</b>	<b>Purified clones</b>	<b>Mutated clones</b>	<b>Mutated ratio</b>
gRNA-gE	32	11	34.4%
gRNA-gI	12	2	16.7%
gRNA-U <sub>s</sub> 2	7	3	42.9%
gRNA- U <sub>s</sub> 3	12	4	33.3%
gRNA- U <sub>s</sub> 9	8	2	25%
gRNA-EP0	23	4	17.4%
gRNA-TK	24	3	12.5%
gRNA-gG	12	4	33.3%
gRNA-gM	8	3	37.5%
gRNA-gN	11	2	18.2%