

The Pivotal Roles of US3 Protein in Cell-to-Cell Spread and Virion Nuclear

Egress of Duck Plague Virus

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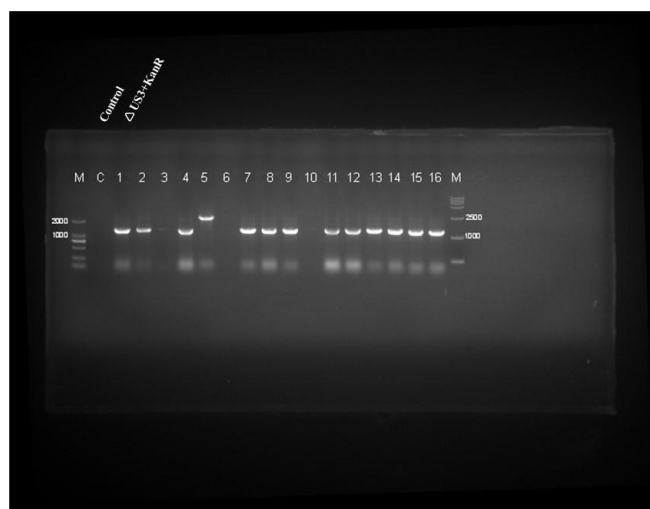
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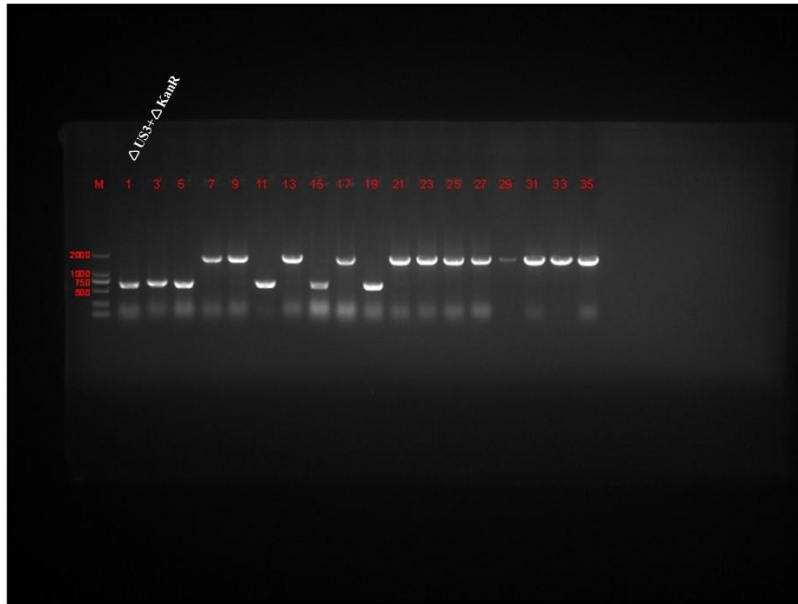
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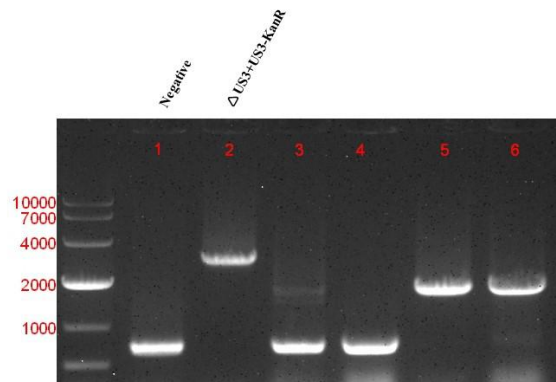
Fig. 2a. Identification of recombinant pBACs by PCR analysis.



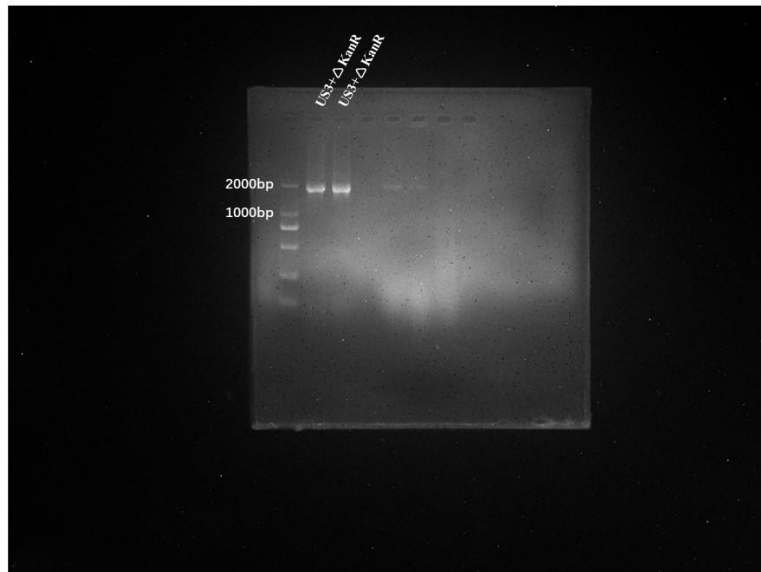
Identification of pBAC-CHV- Δ US3 (Lane 1 and 2)



Identification of pBAC-CHv- Δ US3 (Lane 3)



Identification of pBAC-CHv- Δ US3R (Lane 4 and 5)



Identification of pBAC-CHv- Δ US3R (Lane 6)

Fig. 2c. The observed DEF cells at 6 d after pBAC-CHv- Δ US3R transfection.

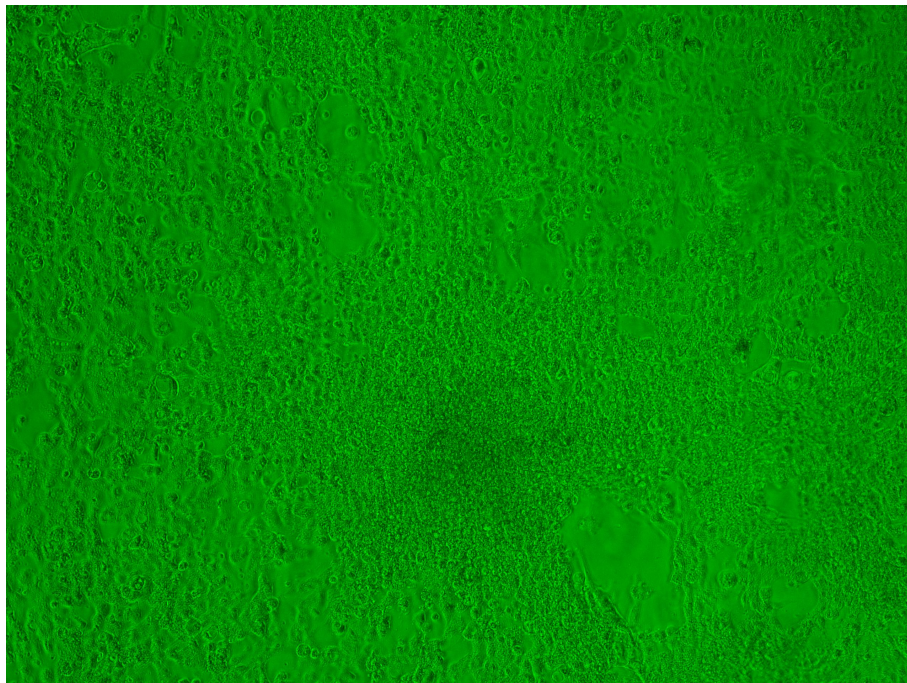


Fig. 2d. Identification of recombinant viruses by PCR analysis.

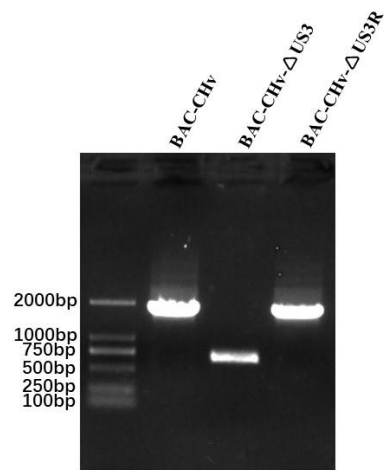
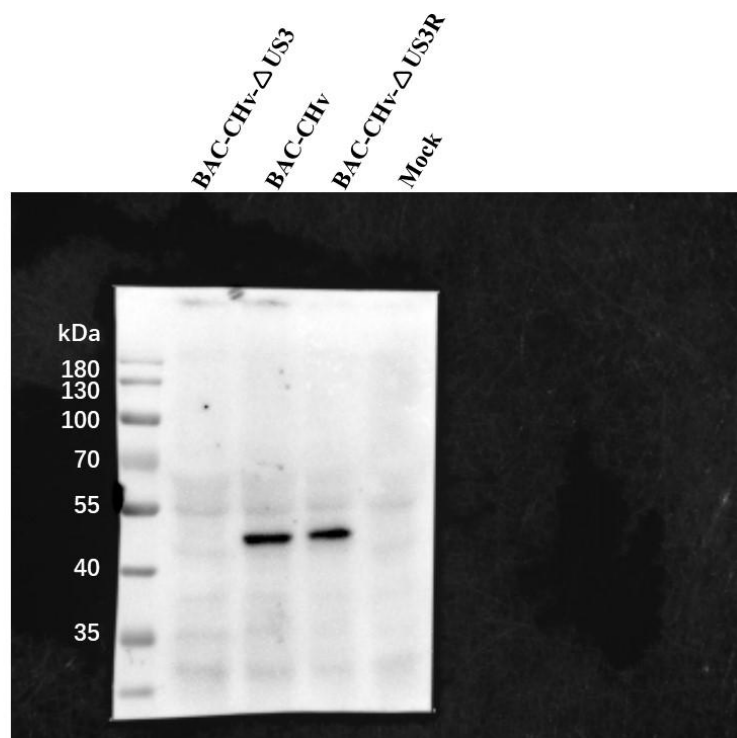
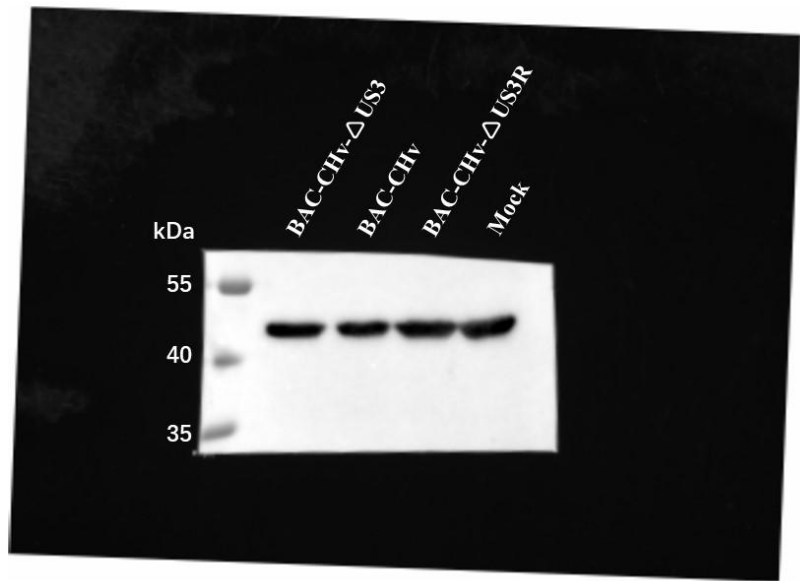


Fig. 2e. Western blot analysis of US3 protein expression of recombinant viruses.



The protein expression of US3 (50kDa)



The protein expression of β -actin (42kDa, as a control)

Fig. 4d. Images of viral plaques after 1.5% crystal violet staining.

