

Title (en)

NOVEL CROSS PROTECTIVE VACCINE COMPOSITIONS FOR PORCINE EPIDEMIC DIARRHEA VIRUS

Title (de)

NEUARTIGE IMPFSTOFFZUSAMMENSETZUNGEN MIT KREUZSCHUTZ FÜR DAS PORZINE EPIDEMISCHE DIARRHOEVIRUS

Title (fr)

NOUVELLES COMPOSITIONS VACCINALES À PROTECTION CROISÉE POUR LE VIRUS DE LA DIARRHÉE ÉPIDÉMIQUE PORCINE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2017123201A1] The present invention is directed to novel isolates of porcine epidemic diarrhea virus (PEDV) and vaccine compositions made therefrom. The vaccine compositions protect swine from PED disease, and are cross protective against a wide variety of strains, whether variant or prototype, that currently circulate throughout the world. The vaccines are provided in both killed and live virus forms, as derived from strain Calaf14, and suggest specific amino acid modifications to the encoding sequences of all other PEDV strains that may improve their performance as vaccines.. Novel culture methods are also employed to increase reproducible yield of cultured viruses.

IPC 8 full level

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CPC (source: EP)

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