

Title (en)

NOVEL PROTEINS/POLYPEPTIDES AND COTRANSFECTION PLASMIDS AND LIVE RECOMBINANT CARRIERS THEREFOR

Title (de)

NEUE PROTEINE/POLYPEPTIDE UND KOTRANSFEKTIONSPLASMIDE UND LEBENDE REKOMBINANTE TRÄGER DAFÜR

Title (fr)

NOUVEAUX POLYPEPTIDES/PROTEINES, PLASMIDES DE COTRANSFECTION ET LEURS VECTEURS RECOMBINANTS VIVANTS

Publication

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Application

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- GB 9319212 A 19930916

Abstract (en)

[origin: GB2316681A] There are disclosed vaccines which are effective for protecting a mammal against coronaviruses without inducing antibody dependent enhancement (ADE). In particular, there is disclosed a modified Feline Infectious Peritonitis virus (FIPV) S protein wherein at least one of the A1, A2 or D regions are antigenically-inactive. The S protein may have its signal peptide modified or deleted. Proteins for a FIPV vaccine may include the SM protein and/or the M protein. The protein sequence and corresponding nucleotide sequence of the FIPV SM protein is disclosed. The protein fragments may be attached to proteins such as BSA or KLH. The proteins may be formulated as a live vaccine e.g. by utilising recombinant carriers such as vaccinia, herpes, adeno, sinbis, corona viruses or bacterial carriers.

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