

Title (en)

MVA-BASED VACCINE EXPRESSING A PREFUSION-STABILIZED SARS-COV-2 S PROTEIN

Title (de)

MVA-BASIERTER IMPFSTOFF ZUR EXPRESSION EINES PRÄFUSIONSSTABILISIERTEN SARS-COV-2S-PROTEINS

Title (fr)

VACCIN À BASE DE MVA EXPRIMANT UNE PROTÉINE S DU SARS-COV-2 STABILISÉE PAR PRÉFUSION

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Abstract (en)

[origin: WO2022269003A1] The present invention is directed to a vaccine composition comprising an immunologically effective amount of a modified vaccinia virus Ankara (MVA) vector comprising at least one nucleic acid encoding the spike (S) protein, or a fragment of said S protein comprising at least one epitope, of at least one SARS-CoV-2 variant, wherein said S protein or fragment thereof, comprises at least the substitutions R682G, R683S, R685S, A942P, K986P and V987P, and wherein the MVA vector regulates the expression of the nucleic acid encoding the S protein, or the fragment thereof. The present invention also relates to combination of vaccines and uses thereof.

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