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(54) Title: TRI-SEGMENTED PICHINDE VIRUSES AS VACCINE VECTORS

(57) Abstract: The present application relates to Pichinde viruses with rearrangements of their open reading frames ("ORF") in their genomes. In particular, described herein is a modified Pichinde virus genomic segment, wherein the Pichinde virus genomic segment is engineered to carry a viral ORF in a position other than the wild-type position of the ORF. Also described herein are trisegmented Pichinde virus particles comprising one L segment and two S segments or two L segments and one S segment. The Pichinde virus, described herein may be suitable for vaccines and/or treatment of diseases and/or for the use in immunotherapies.