

Title (en)  
STABLE RECOMBINANT INFLUENZA VIRUSES FREE OF HELPER VIRUSES

Title (de)  
STABILE REKOMBINANTE INFLUENZAVIREN, DIE FREI VON HELFERVIRUS SIND

Title (fr)  
VIRUS DE RECOMBINAISON STABLE DE LA GRIPPE EXEMPT DE VIRUS ASSISTANT

Publication  
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Application  
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Abstract (en)  
[origin: EP1035209A1] The invention relates to a recombinant influenza virus for high-yield expression of incorporated foreign gene(s), which is genetically stable in the absence of any helper virus; wherein (a) at least one of the regular viral RNA segments has been exchanged for a vRNA encoding a foreign gene; and/or (b) at least one of the regular viral RNA segments is an ambisense RNA molecule, containing one of the standard viral genes in sense orientation and a foreign, recombinant gene in antisense orientation, or vice versa, in overall convergent arrangement. The present invention further provides a method for the production of said recombinant influenza virus, a method for constructing specific ribozyme-sensitive influenza carrier strains; pharmaceutical compositions comprising said recombinant influenza virus; and the use of said recombinant influenza virus for preparing medicaments for vaccination purposes.

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