

Title (en)

INFLUENZA VIRUS-BASED ISOLATED RECOMBINANT VIRUS

Title (de)

AUF INFLUENZAVIRUS BASIERENDES ISOLIERTES REKOMBINANTES VIRUS

Title (fr)

VIRUS RECOMBINÉ ISOLÉ BASÉ SUR LE VIRUS DE LA GRIPPE

Publication

EP 4370681 A1 20240522 (EN)

Application

EP 22842553 A 20220530

Priority

- RU 2021121139 A 20210716
- RU 2022050173 W 20220530

Abstract (en)

[origin: WO2023287324A1] The present invention relates to the fields of biotechnology, immunology, virology, genetics, and molecular biology. More specifically, the present invention relates to an isolated nucleic acid encoding a recombinant polypeptide for increasing the titer of antibodies to influenza virus (variants), an influenza virus-based recombinant virus for inducing specific immunity to influenza virus and/or preventing influenza virus-related diseases, a pharmaceutical composition and a vaccine that include the above influenza virus-based recombinant virus, as well as their use for inducing specific immunity to influenza virus and/or preventing influenza virus-related diseases.

IPC 8 full level

C12N 15/117 (2010.01); **A61K 39/215** (2006.01); **A61P 31/14** (2006.01); **A61P 31/16** (2006.01); **A61P 37/04** (2006.01); **C07K 14/165** (2006.01); **C12N 15/50** (2006.01)

CPC (source: EP)

A61K 39/12 (2013.01); **A61P 31/14** (2018.01); **A61P 31/16** (2018.01); **A61P 37/04** (2018.01); **C07K 14/005** (2013.01); **C12N 7/00** (2013.01); **C12N 15/86** (2013.01); **A61K 2039/5254** (2013.01); **A61K 2039/544** (2013.01); **A61K 2039/57** (2013.01); **A61K 2039/70** (2013.01); **C12N 2760/16121** (2013.01); **C12N 2760/16122** (2013.01); **C12N 2760/16134** (2013.01); **C12N 2760/16143** (2013.01); **C12N 2770/20022** (2013.01); **C12N 2770/20034** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2023287324 A1 20230119; AR 126008 A1 20230830; EC SP24003913 A 20240229; EP 4370681 A1 20240522; TW 202306968 A 20230216

DOCDB simple family (application)

RU 2022050173 W 20220530; AR P220101434 A 20220531; EC DI202403913 A 20240116; EP 22842553 A 20220530; TW 111120317 A 20220531