

Title (en)

METHODS FOR PRODUCING RETROVIRAL VECTORS WITH AN ALTERED TROPISM

Title (de)

VERFAHREN ZUR HERSTELLUNG RETROVIRALER VEKTOREN MIT VERÄNDERTEM TROPISMUS

Title (fr)

PROCEDES DE PRODUCTION DE VECTEURS RETROVIRAUX PRESENTANT UN TROPISME MODIFIE

Publication

EP 0972064 A1 20000119 (EN)

Application

EP 98923198 A 19980512

Priority

- EP 98923198 A 19980512
- EP 97201422 A 19970512
- NL 9800260 W 19980512

Abstract (en)

[origin: EP0878547A1] The invention relates to the field of molecular biology and virology. It particularly relates to the field of genetic engineering techniques and the use of these techniques in preparing novel pharmaceuticals, in particular in the field of gene therapy and to methods for producing novel retroviral vectors, these vectors and recombinant viruses obtainable by the methods. The invention provides a method for producing a retrovirus or a recombinant virus derived therefrom having an altered tropism, whereby the genome of the virus is modified so that at least one of its translation initiation sites is at least partially functionally inhibited. The invention also provides a method for producing a recombinant vector encoding a recombinant retrovirus having modified tropism, comprising culturing said retrovirus in a host cell to allow for the virus to circumvent an introduced inhibition, identifying the sequence which was mutated to circumvent said inhibition and introducing the mutation in another vector based on a retrovirus or provirus of a retrovirus.

IPC 1-7

C12N 15/86; C12N 7/01; A61K 48/00

IPC 8 full level

C12N 15/09 (2006.01); **A61K 35/76** (2015.01); **A61K 48/00** (2006.01); **C07K 14/16** (2006.01); **C12N 7/00** (2006.01); **C12N 7/01** (2006.01); **C12N 15/86** (2006.01); **C12N 15/867** (2006.01)

CPC (source: EP)

C07K 14/005 (2013.01); **C12N 15/86** (2013.01); **C12N 2740/16043** (2013.01); **C12N 2740/16045** (2013.01); **C12N 2740/16222** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0878547 A1 19981118; AU 7553798 A 19981208; CA 2289953 A1 19981119; EP 0972064 A1 20000119; JP 2001524831 A 20011204; WO 9851808 A1 19981119

DOCDB simple family (application)

EP 97201422 A 19970512; AU 7553798 A 19980512; CA 2289953 A 19980512; EP 98923198 A 19980512; JP 54907898 A 19980512; NL 9800260 W 19980512