

Title (en)
COMPOSITIONS AND METHODS FOR PRODUCTION OF RECOMBINANT VIRUS USING A CARRIER VECTOR DERIVED FROM A NONMAMMALIAN VIRUS

Title (de)
ZUSAMMENSETZUNGEN UND VERFAHREN FÜR DIE PRODUKTION VON REKOMBINANTEM VIRUS UNTER VERWENDUNG EINES TRÄGERVEKTORS, DER VON EINEM NICHT-SÄUGERVIRUS ABSTAMMT

Title (fr)
COMPOSITIONS ET METHODES DE PRODUCTION D'UN VIRUS RECOMBINE A L'AIDE D'UN VECTEUR PORTEUR DERIVE D'UN VIRUS NON MAMMIFERE

Publication
EP 1180158 A1 20020220 (EN)

Application
EP 00936317 A 20000525

Priority
• US 0014481 W 20000525
• US 13665099 P 19990527

Abstract (en)
[origin: WO0073480A1] This invention relates to nonmammalian carrier vectors and viruses useful in the production of high titers of recombinant viruses which may contain foreign DNA inserts or which may be point-mutated or deleted viruses, and methods of producing those viruses. The nonmammalian carrier vector ("carrier vector") is a chimeric vector which includes those portions of a nonmammalian virus backbone which allow replication in a nonmammalian host cell. The carrier vector includes various nucleic acid cassettes, which may include an embedded recombinant viral genome containing a desired transgene, components necessary for production of a replication-defective recombinant virus containing the transgene, and domains that permit the carrier vector to bind to mammalian cells. The invention also provides methods of producing high concentrations of recombinant virus as a substantially homogeneous preparation, compositions to produce the recombinant virus, and recombinant viruses.

IPC 1-7
C12N 15/864; **C12N 15/866**; **C12N 7/01**; **A61K 48/00**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 35/76** (2006.01); **A61K 48/00** (2006.01); **C12N 7/00** (2006.01); **C12N 7/01** (2006.01); **C12N 7/02** (2006.01); **C12N 15/864** (2006.01); **C12N 15/866** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
C12N 15/86 (2013.01); **C12N 2710/14043** (2013.01); **C12N 2710/14143** (2013.01); **C12N 2710/24143** (2013.01); **C12N 2750/14143** (2013.01); **C12N 2800/108** (2013.01); **C12N 2830/00** (2013.01); **C12N 2830/42** (2013.01); **C12N 2830/60** (2013.01); **C12N 2840/20** (2013.01); **C12N 2840/203** (2013.01)

Citation (search report)
See references of WO 0073480A1

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)
WO 0073480 A1 20001207; AU 5164700 A 20001218; AU 783672 B2 20051124; CA 2375119 A1 20001207; EP 1180158 A1 20020220; JP 2003501042 A 20030114

DOCDB simple family (application)
US 0014481 W 20000525; AU 5164700 A 20000525; CA 2375119 A 20000525; EP 00936317 A 20000525; JP 2001500792 A 20000525