

Title (en)

MATERIALS AND METHODS FOR DELIVERY AND EXPRESSION OF HETEROLOGOUS DNA IN VERTEBRATE CELLS

Title (de)

MATERIALIEN UND METHODEN ZUR ABGABE UND EXPRESSION VON DNS HETEROLOGEN IN VERTEBRATENZELLEN

Title (fr)

MATERIELS ET METHODES DESTINES A L'ADMINISTRATION ET L'EXPRESSION D'ADN HETEROLOGUE DANS DES CELLULES DE VERTEBRES

Publication

EP 1307572 A2 20030507 (EN)

Application

EP 01962121 A 20010810

Priority

- US 0125287 W 20010810
- US 22447900 P 20000810
- US 66225400 A 20000914

Abstract (en)

[origin: WO0212526A2] The subject invention pertains to recombinant entomopox vectors which are useful for the delivery and stable expression of heterologous DNA in vertebrate cells. Specifically exemplified is a recombinant EPV from *amsacta moorei* (AmEPV). Because of the capacity of the EPV to incorporate foreign or heterologous DNA sequences, the vectors of the subject invention can be used to deliver DNA inserts that are larger than 10 kb in size. Accordingly, one aspect of the present invention concerns use of the recombinant vectors for delivery and expression of biological useful proteins in gene therapy protocols. In addition, the subject invention concerns novel AmEVP polypeptides and the polynucleotide sequences which encode these polypeptides.

IPC 1-7

C12N 15/86; C12N 5/10; C12N 7/00; C07K 14/065; A61K 48/00

IPC 8 full level

C07K 14/065 (2006.01); **C12N 15/863** (2006.01)

CPC (source: EP)

C07K 14/005 (2013.01); **C12N 15/86** (2013.01); **C12N 2710/24022** (2013.01); **C12N 2710/24043** (2013.01)

Citation (search report)

See references of WO 0212526A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0212526 A2 20020214; **WO 0212526 A3 20030109**; AU 8332601 A 20020218; EP 1307572 A2 20030507

DOCDB simple family (application)

US 0125287 W 20010810; AU 8332601 A 20010810; EP 01962121 A 20010810