

Title (en)

E1-MINUS ADENOVIRUSES AND USE THEREOF

Title (de)

E1 -MINUS ADENOVIREN UND DEREN VERWENDUNG

Title (fr)

ADENOVIRUS A REGION E1 ABSENTE ET LEUR UTILISATION

Publication

**EP 1830864 A2 20070912 (DE)**

Application

**EP 06700409 A 20060102**

Priority

- EP 2006000010 W 20060102
- DE 102004063662 A 20041231

Abstract (en)

[origin: WO2006070024A2] The invention relates to a virus, particularly an adenovirus, having: a missing functional wild type E1 region, and; a transporter for transporting YB-1 into the nucleus of a cell that is infected with the virus.

IPC 8 full level

**A61K 35/76** (2006.01); **C07K 14/075** (2006.01); **C12N 15/861** (2006.01)

CPC (source: EP US)

**A61K 38/00** (2013.01 - EP); **A61K 45/06** (2013.01 - EP US); **A61K 48/0008** (2013.01 - US); **A61K 48/0066** (2013.01 - US); **A61P 9/00** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/47** (2013.01 - EP US); **C12N 7/00** (2013.01 - EP US); **C12N 15/86** (2013.01 - EP US); **A61K 38/00** (2013.01 - US); **A61K 48/00** (2013.01 - EP US); **C12N 27/10/10032** (2013.01 - US); **C12N 27/10/10043** (2013.01 - US); **C12N 27/10/10343** (2013.01 - EP US); **C12N 2830/00** (2013.01 - EP US); **C12N 2840/203** (2013.01 - EP US)

C-Set (source: EP US)

**A61K 38/00 + A61K 2300/00**

Citation (search report)

See references of WO 2006070024A2

Citation (examination)

- KOIZUMI NAOYA ET AL: "Generation of fiber-modified adenovirus vectors containing heterologous peptides in both the HI loop and C terminus of the fiber knob", JOURNAL OF GENE MEDICINE, JOHN WILEY & SONS, INC, US, vol. 5, no. 4, 1 April 2003 (2003-04-01), pages 267 - 276, XP002363035, ISSN: 1099-498X, DOI: 10.1002/JGM.348
- MAGNUSSON M K ET AL: "GENETIC RETARGETING OF ADENOVIRUS: NOVEL STRATEGY EMPLOYING DEKNOBBING OF THE FIBER", JOURNAL OF VIROLOGY, THE AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 75, no. 16, 1 August 2001 (2001-08-01), pages 7280 - 7289, XP001056142, ISSN: 0022-538X, DOI: 10.1128/JVI.75.16.7280-7289.2001
- DMITRIEV I ET AL: "AN ADENOVIRUS VECTOR WITH GENETICALLY MODIFIED FIBERS DEMONSTRATES EXPANDED TROPISM VIA UTILIZATION OF A COXSACKIVIRUS AND ADENOVIRUS RECEPTOR-DEPENDENT CELL ENTRY MECHANISM", JOURNAL OF VIROLOGY, THE AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 72, no. 12, 1 December 1998 (1998-12-01), pages 9706 - 9713, XP002927078, ISSN: 0022-538X
- KRASNYYKH V ET AL: "Characterization of an adenovirus vector containing a heterologous peptide epitope in the HI loop of the fiber knob", JOURNAL OF VIROLOGY, THE AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 72, no. 3, 1 March 1998 (1998-03-01), pages 1844 - 1852, XP002126061, ISSN: 0022-538X

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