

Title (en)

GENE EXPRESSION DIRECTED BY A SUPER-PSA PROMOTER

Title (de)

DURCH EINEN PSA-SUPERPROMOTOR GESTEUERTE GENEXPRESSION

Title (fr)

EXPRESSION DES GENES DIRIGEE PAR UN SUPER-PROMOTEUR DE PSA

Publication

EP 1226151 A2 20020731 (EN)

Application

EP 00975420 A 20001026

Priority

- US 0029581 W 20001026
- US 16222399 P 19991029

Abstract (en)

[origin: WO0132685A2] The present invention provides methods and compositions for the delivery and expression of therapeutic genes for treating prostate and non-prostate tumors in a gene therapy setting with therapeutic genes driven by a super PSA promoter. This approach enhances the capability of increasing the size of therapeutic gene inserts and maintaining specificity and efficiency of genes expression. This form of gene therapy strategy can be applied either alone or in combination with other adjuvant therapies or used in combination with various gene therapy strategies to achieve the maximum effect in cancer treatment, and in normal and benign tissues to enhance therapeutic gains.

IPC 1-7

C12N 15/11; **C12N 9/64**; **A61K 48/00**

IPC 8 full level

A01K 67/027 (2006.01); **A61K 31/711** (2006.01); **A61K 35/12** (2006.01); **A61K 48/00** (2006.01); **A61P 13/08** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/02** (2006.01); **G01N 33/574** (2006.01)

CPC (source: EP)

A61K 48/00 (2013.01); **A61K 48/0058** (2013.01); **A61P 13/08** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **G01N 33/57434** (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)

WO 0132685 A2 20010510; **WO 0132685 A3 20011004**; **WO 0132685 A8 20020516**; **WO 0132685 A9 20021205**; AU 1347401 A 20010514; CA 2389335 A1 20010510; EP 1226151 A2 20020731; EP 1226151 A4 20040714; IL 149383 A0 20021110; JP 2003521895 A 20030722

DOCDB simple family (application)

US 0029581 W 20001026; AU 1347401 A 20001026; CA 2389335 A 20001026; EP 00975420 A 20001026; IL 14938300 A 20001026; JP 2001535384 A 20001026