

Title (en)
TISSUE SPECIFIC PROMOTERS

Title (de)
GEWEBSSPEZIFISCHE PROMOTOREN

Title (fr)
PROMOTEURS A SPECIFICITE CELLULAIRE

Publication
EP 0972013 A1 20000119 (EN)

Application
EP 98914305 A 19980324

Priority
• US 9805866 W 19980324
• US 82250997 A 19970324

Abstract (en)
[origin: WO9842826A1] The present invention provides human involucrin (hINV) sequences having tissue specific and cell type specific promoter activity. The sequences provided herein direct expression to suprabasal cells of stratifying epithelia. The invention further provides transgenic animals which contain an hINV promoter sequence which directs the expression of human papillomavirus 16 oncogenes. These animals display cervical and epidermal hyperplasias as well as cancer of the trachea, esophagus, colon, epidermis, anus/rectum, lymph nodes, spleen and lung. The animals of the invention provide a useful model for screening potential anti-neoplastic compounds, carcinogens, and co-carcinogens for a number of cancers.

IPC 1-7
C12N 5/00; **C12N 15/00**; **C07H 21/02**; **C07H 21/04**

IPC 8 full level
C12N 15/09 (2006.01); **A01K 67/027** (2006.01); **A61K 49/00** (2006.01); **C07K 14/47** (2006.01); **C12N 5/10** (2006.01); **C12N 15/85** (2006.01)

CPC (source: EP)
A01K 67/0275 (2013.01); **A01K 67/0278** (2013.01); **A61K 49/0008** (2013.01); **C07K 14/47** (2013.01); **C12N 15/85** (2013.01); **C12N 15/8509** (2013.01); **A01K 2207/15** (2013.01); **A01K 2217/00** (2013.01); **A01K 2217/05** (2013.01); **A01K 2227/105** (2013.01); **A01K 2267/0331** (2013.01); **C12N 2830/008** (2013.01); **C12N 2830/85** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9842826 A1 19981001; AU 6767798 A 19981020; AU 6869698 A 19981020; CA 2284735 A1 19981001; CA 2285413 A1 19981001; EP 0972013 A1 20000119; EP 0972013 A4 20020710; JP 2001517956 A 200111009; WO 9842825 A1 19981001

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US 9805866 W 19980324; AU 6767798 A 19980324; AU 6869698 A 19980324; CA 2284735 A 19980324; CA 2285413 A 19980324; EP 98914305 A 19980324; JP 54595598 A 19980324; US 9805588 W 19980324