Title (en)

HUMAN NUCLEIC ACID SEQUENCES FROM PROSTATE TISSUE

Title (de)

MENSCHLICHE NUKLEINSÄURESEQUENZEN AUS PROSTATAGEWEBE

Title (fr)

SEQUENCES D'ACIDE NUCLEIQUE HUMAINES ISSUES DE TISSUS TUMORAUX PROSTATIQUES

Publication

EP 1068318 A2 20010117 (DE)

Application

EP 99920546 A 19990309

Priority

- DE 9900722 W 19990309
- DE 19811194 A 19980310

Abstract (en)

[origin: DE19811194A1] Nucleic acid sequences (A) that are expressed at high level in normal prostatic tissue and encode gene products or their fragments, are new. (A) is: (a) one of 64 sequences (all reproduced); (b) allelic variants of 40 of these sequences; or (c) the complements of these 40 sequences. Independent claims are also included for the following: (1) bacterial or phage artificial chromosomes, or cosmid clones, containing functional genes and their chromosomal locations corresponding to (A), for use as gene transfer vehicles; (2) fragments of (A) large enough to hybridize to (A); (3) expression cassette (EC) comprising (A), or its fragments, plus at least one control or regulatory element; (4) DNA fragments containing a gene obtained using (A); (5) host cells containing (A) or its fragments as a heterologous component of the genome; (6) recombinant production of polypeptides (I), or their fragments, by culturing these cells; (7) antibodies (Ab) directed against (I) or its fragments; (8) about 120 polypeptide partial sequences (I), all reproduced, and sequences at least 80 (especially 90) % homologous with them; (9) pharmaceutical composition containing at least one (I); and (10) genomic genes, or their promoters, enhancers, silencers, exon or intron structures, or slice variants, obtained using (A).

IPC 1-7

C12N 15/12; C07K 14/47; C07K 16/18; C12N 1/21; C12N 5/10; C12N 15/10; C12N 15/62; C12N 15/70; C12N 15/79; C12Q 1/68; G01N 33/68; A61K 38/17; A61K 48/00

IPC 8 full level

G01N 33/53 (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 48/00** (2006.01); **A61P 13/08** (2006.01); **A61P 35/00** (2006.01); **C07K 14/47** (2006.01); **C07K 16/18** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/02** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01)

CPC (source: EP)

A61P 13/08 (2017.12); **A61P 35/00** (2017.12); **C07K 14/47** (2013.01); A61K 38/00 (2013.01); A61K 48/00 (2013.01); C07K 2319/00 (2013.01)

Citation (search report)

See references of WO 9946375A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 19811194 A1 19990916; EP 1068318 A2 20010117; JP 2002505878 A 20020226; WO 9946375 A2 19990916; WO 9946375 A3 20000706

DOCDB simple family (application)

DE 19811194 A 19980310; DE 9900722 W 19990309; EP 99920546 A 19990309; JP 2000535742 A 19990309