

Title (en)

POLYNUCLEOTIDES ISOLATED FROM E. COLI OF NATURE B2/D+ A-, AND USES THEREOF

Title (de)

POLYNUKLEOTIDEM AUS B2/D+ A- E. COLI UND DEREN VERWENDUNGEN

Title (fr)

POLYNUCLEOTIDES DE TYPE B2/D+ A- ET ISOLES D'E.COLI, ET APPLICATIONS BIOLOGIQUES DE TELS POLYNUCLEOTIDES ET LEURS POLYPEPTIDES

Publication

**EP 1328641 A2 20030723 (EN)**

Application

**EP 01917119 A 20010312**

Priority

- EP 0103445 W 20010312
- FR 0003145 A 20000310
- FR 0101449 A 20010202

Abstract (en)

[origin: WO0166572A2] The present invention relates to products which are of nature B2+ A-, isolated from E. coli, and to their biological applications, in particular their medical (therapeutic, vaccine and diagnostic) and biotechnological applications. In the present application, the expression "of nature B2+ A-" is intended to mean presence at a frequency greater than 10 % among the E. coli strains of group B2 of the ECOR collection, and at a frequency of less than 10 % among the strains of group A of the same collection. A phylogenic determination method which makes it possible to rapidly and easily distinguish the groups A, B1, B2 and D of the E. coli species with more than 99 % precision is in particular described.

IPC 1-7

**C12N 15/32**; **C07K 14/245**; **C12Q 1/68**; **A61K 48/00**; **C12N 5/10**

IPC 8 full level

**A61K 31/7088** (2006.01); **A61K 35/76** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01); **A61K 48/00** (2006.01); **A61P 13/12** (2006.01); **A61P 25/28** (2006.01); **A61P 31/04** (2006.01); **C07K 14/245** (2006.01); **C07K 14/47** (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); **C12N 15/32** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)

**A61P 13/12** (2017.12); **A61P 25/28** (2017.12); **A61P 31/04** (2017.12); **C07K 14/245** (2013.01); **C12Q 1/689** (2013.01); **A61K 48/00** (2013.01); **A61K 2039/53** (2013.01); **C12Q 2600/158** (2013.01); **C12Q 2600/16** (2013.01)

Citation (search report)

See references of WO 0166572A2

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 0166572 A2 20010913**; **WO 0166572 A3 20030501**; **WO 0166572 A9 20020815**; CA 2402602 A1 20010913; EP 1328641 A2 20030723; JP 2004512817 A 20040430

DOCDB simple family (application)

**EP 0103445 W 20010312**; CA 2402602 A 20010312; EP 01917119 A 20010312; JP 2001565736 A 20010312