Title (en)

METHODS TO IDENTIFY POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES WHICH MAY BE ASSOCIATED WITH PHYSIOLOGICAL AND MEDICAL CONDITIONS

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON POLYNUKLEOTID- UND POLYPEPTIDSEQUENZEN WELCHE MIT PHYSIOLOGISCHEN UND MEDIZINISCHEN ZUSTÄNDEN ASSOZIIERT SIND

Title (fr)

TECHNIQUES D'IDENTIFICATION DE SEQUENCES DE POLYNUCLEOTIDES ET DE POLYPEPTIDES POUVANT ETRE ASSOCIEES A DES ETATS PHYSIOLOGIQUES ET MEDICAUX

Publication

EP 1051519 A2 20001115 (EN)

Application

EP 99904442 A 19990129

Priority

- US 9901964 W 19990129
- US 7326398 P 19980130

Abstract (en)

[origin: WO9939006A2] The present invention provides methods for identifying polynucleotide and polypeptide sequences in human and/or non-human primates which may be associated with a physiological condition, such as disease (including susceptibility (human) or resistance (chimpanzee) to development of AIDS). The methods employ comparison of human and non-human primate sequences using statistical methods. Sequences thus identified may be useful as host therapeutic targets and/or in screening assays.

IPC 1-7

C12Q 1/68

IPC 8 full level

C12N 15/10 (2006.01); **C12Q 1/68** (2018.01)

CPC (source: EP)

C12N 15/1072 (2013.01); **C12N 15/1079** (2013.01); **C12Q 1/68** (2013.01); Y02A 90/10 (2018.01)

Citation (examination)

- TANAKA T.; NEI M.: "POSITIVE DARWINIAN SELECTION OBSERVED AT THE VARIABLE REGION GENES OF IMMUNOGLOBULINS", MOLECULAR BIOLOGY AND EVOLUTION, vol. 6, no. 5, 1989, THE UNIVERSITY OF CHICAGO PRESS, US, pages 447 - 459, XP001237259
- HUGHES A.L.; NEI M.: "PATTERN OF NUCLEOTIDE SUBSTITUTION AT MAJOR HISTOCOMPATIBILITY COMPLEX CLASS I LOCI REVEALS OVERDOMINANT SELECTION", NATURE, vol. 335, 8 September 1988 (1988-09-08), NATURE PUBLISHING GROUP, LONDON, GB, pages 167 - 170, XP001237263
- HUGHES A.L.; NEI M.: "NUCLEOTIDE SUBSTITUTION AT MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II LOCI: EVIDENCE FOR OVERDOMINANT SELECTION", PROC. NATL. ACAD. SCI. USA, vol. 86, February 1989 (1989-02-01), WASHINGTON, DC, US, pages 958 - 962, XP001237260

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 9939006 A2 19990805; **WO 9939006 A3 19991104**; CA 2318772 A1 19990805; EP 1051519 A2 20001115; JP 2002501761 A 20020122

DOCDB simple family (application)

US 9901964 W 19990129; CA 2318772 A 19990129; EP 99904442 A 19990129; JP 2000529463 A 19990129