

Title (en)  
NUCLEIC ACID GENERATING THE ABCA7 GENE, MOLECULES MODULATING ITS ACTIVITY AND THERAPEUTIC APPLICATIONS

Title (de)  
NUKLEINSÄURE DER REGULIERUNGSEQUENZEN VON ABCA7, DEREN MODULATOREN UND THERAPEUTISCHEN ANWENDUNGEN

Title (fr)  
ACIDE NUCLEIQUE REGULATEUR DU GENE ABCA7, MOLECULES MODULANT SON ACTIVITE ET APPLICATIONS THERAPEUTIQUES

Publication  
**EP 1334186 A2 20030813 (FR)**

Application  
**EP 01978557 A 20011017**

Priority

- FR 0103219 W 20011017
- FR 0013649 A 20001024
- US 25314100 P 20001128

Abstract (en)  
[origin: WO0234903A2] The invention concerns a nucleic acid capable of regulating the ABCA7 gene transcription, which codes for a carrier protein capable of intervening in the metabolism of lipids and/or in the process involving the immune system and inflammation. In addition, owing to the position of the gene on the chromosome 19 in q 13, ABCA7 is potentially involved in other pathologies genetically related to said locus. The invention also concerns nucleotide constructs comprising a polynucleotide coding for a polypeptide or a nucleic acid of interest, placed under the control of a nucleic acid regulating the ABCA7 gene. The invention further concerns recombinant vectors, transformed host cells and non-human transgenic mammals comprising a nucleic acid regulating the ABCA7 gene transcription and or said nucleotide construct, and methods for screening molecules or substances capable of modulating the activity of the nucleic acid regulating the ABCA7 gene.

IPC 1-7  
**C12N 15/00; C07K 14/705**

IPC 8 full level  
**A01K 67/027** (2006.01); **A61K 35/12** (2015.01); **A61K 35/76** (2015.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 3/06** (2006.01); **A61P 29/00** (2006.01); **A61P 37/00** (2006.01); **C07K 14/705** (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 15/85** (2006.01); **C12Q 1/02** (2006.01)

CPC (source: EP)  
**A61P 3/06** (2017.12); **A61P 29/00** (2017.12); **A61P 37/00** (2017.12); **C07K 14/705** (2013.01); **C12N 15/85** (2013.01); **A01K 2217/05** (2013.01); **C12N 2830/00** (2013.01); **C12N 2830/85** (2013.01)

Citation (search report)  
See references of WO 0234903A2

Citation (examination)

- BROCCARDO C. ET AL., BIOCHIMICA & BIOPHYSICA ACTA, vol. 1461, 1999, pages 395 - 404
- DATABASE GENBANK [online] NCBI; 18 July 2000 (2000-07-18), retrieved from NCBI Database accession no. AC011558
- DATABASE EMBL [online] EBI; 3 March 2000 (2000-03-03), "mq52a09.x1 Soares 2NbMt Mus musculus cDNA clone IMAGE:582328 3', mRNA sequence", retrieved from EBI Database accession no. AI452004
- SANTAMARINA-FOJO S., PROC.NATL.ACAD.SCI.USA, vol. 97, no. 14, 5 July 2000 (2000-07-05), pages 7987 - 7992

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 0234903 A2 20020502; WO 0234903 A3 20020808**; AU 1066102 A 20020506; CA 2426294 A1 20020502; EP 1334186 A2 20030813; JP 2004512045 A 20040422

DOCDB simple family (application)  
**FR 0103219 W 20011017**; AU 1066102 A 20011017; CA 2426294 A 20011017; EP 01978557 A 20011017; JP 2002537874 A 20011017