

Title (en)
MARKER SEQUENCES FOR MULTIPLE SCLEROSIS AND USE THEREOF

Title (de)
MARKERSEQUENZEN FÜR MULTIPLE SKLEROSE UND DEREN VERWENDUNG

Title (fr)
SÉQUENCES DE MARQUEURS POUR LA SCLÉROSE MULTIPLE ET UTILISATION DESDITES SÉQUENCES DE MARQUEURS

Publication
EP 2622350 A2 20130807 (DE)

Application
EP 11779356 A 20111004

Priority
• EP 10186327 A 20101001
• EP 2011067285 W 20111004
• EP 11779356 A 20111004

Abstract (en)
[origin: EP2437060A1] Use of marker sequences for the diagnosis of multiple sclerosis, where at least one marker sequence of a cDNA comprising sequences 1-308 and/or sequences 1a-308a or their coded proteins or their partial sequence or fragments is determined from a patient to be examined, and the sequences are not defined, is claimed. Independent claims are included for: (1) a method for the diagnosis of multiple sclerosis, comprising applying the marker sequence on a solid support, contacting the marker sequence with a body fluid or tissue extract of a patient, and carrying out the detection of an interaction of the body fluid or tissue extract containing the marker sequences; (2) method for stratifying, preferably for risk stratification or therapy to control a patient's with multiple sclerosis comprising determining the marker sequence from the patient to be examined; (3) arrangement of the marker sequences; (4) assay, protein biochip comprising the arrangement, in which the marker sequences are applied on a solid support; (5) diagnostic agents for the diagnosis of multiple sclerosis, comprising the sequences as above per se, ; and (6) target for the treatment and therapy of multiple sclerosis, comprising the sequences as above per se. ACTIVITY : Neuroprotective. MECHANISM OF ACTION : None given.

IPC 8 full level
G01N 33/564 (2006.01); **C07K 17/00** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)
C07K 14/4713 (2013.01 - EP US); **C12Q 1/6883** (2013.01 - EP US); **G01N 33/6854** (2013.01 - US); **C12Q 2600/156** (2013.01 - EP US); **G01N 2800/285** (2013.01 - EP US)

Citation (search report)
See references of WO 2012042062A2

Citation (examination)
• DATABASE Geneseq [online] 5 February 2009 (2009-02-05), "Human Nucleobindin 1 cDNA, SEQ: 544.", XP002736762, retrieved from EBI accession no. GSN:ATZ64391 Database accession no. ATZ64391
• DATABASE Geneseq [online] 4 September 2008 (2008-09-04), "Human DNA SEQ ID:269.", XP002736763, retrieved from EBI accession no. GSN:ASP99928 Database accession no. ASP99928
• DATABASE Geneseq [online] 14 May 2009 (2009-05-14), "Rheumatoid arthritis diagnostic marker cDNA, SEQ ID 356.", XP002736764, retrieved from EBI accession no. GSN:AWJ03585 Database accession no. AWJ03585
• DATABASE Geneseq [online] 8 May 2002 (2002-05-08), "Human cDNA for novel secreted protein, SEQ ID 447.", XP002736765, retrieved from EBI accession no. GSN:ABK34678 Database accession no. ABK34678
• DATABASE Geneseq [online] 23 September 2010 (2010-09-23), "Human plexin B2 (PLXNB2) gene, SEQ:59", XP002736766, retrieved from EBI accession no. GSN:AYJ37336 Database accession no. AYJ37336
• DATABASE Geneseq [online] 19 January 1991 (1991-01-19), "Sequence of plasmid pDS781/RBSII,6xHis.", XP002736767, retrieved from EBI accession no. GSN:AAQ06305 Database accession no. AAQ06305
• DATABASE Geneseq [online] 18 November 2004 (2004-11-18), "Tumour-associated antigenic target (TAT) cDNA DNA325537, SEQ ID NO:3355.", XP002736768, retrieved from EBI accession no. GSN:ACN39298 Database accession no. ACN39298
• DATABASE Geneseq [online] 12 August 2004 (2004-08-12), "Reference mRNA sequences for marker probe #257.", XP002736769, retrieved from EBI accession no. GSN:ADP10580 Database accession no. ADP10580
• DATABASE Geneseq [online] 25 February 2003 (2003-02-25), "Human cDNA #149 differentially expressed in activated vascular tissue.", XP002736770, retrieved from EBI accession no. GSN:ABX63149 Database accession no. ABX63149
• DATABASE Geneseq [online] 27 March 2001 (2001-03-27), "Human breast and ovarian cancer associated antigen gene SEQ ID 92", XP002736771, retrieved from EBI accession no. GSN:AAF21705 Database accession no. AAF21705

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2437060 A1 20120404; EP 2622350 A2 20130807; US 2013244897 A1 20130919; WO 2012042062 A2 20120405; WO 2012042062 A3 20120621

DOCDB simple family (application)
EP 10186327 A 20101001; EP 11779356 A 20111004; EP 2011067285 W 20111004; US 201113877248 A 20111004