

Title (en)  
METHODS OF STRATIFYING, PROGNOSED AND DIAGNOSING SCHIZOPHRENIA, MUTANT NUCLEIC ACID MOLECULES AND POLYPEPTIDES

Title (de)  
VERFAHREN ZUR STRATIFIZIERUNG, PROGNOSE UND DIAGNOSE VON SCHIZOPHRENIE, MUTIERTE NUKLEINSÄUREMOLEKÜLE UND POLYPEPTIDE

Title (fr)  
MÉTHODES DE STRATIFICATION, DE PRONOSTIC ET DE DIAGNOSTIC DE LA SCHIZOPHRÉNIE, MOLÉCULES D ACIDE NUCLÉIQUE MUTANTES ET POLYPEPTIDES

Publication  
**EP 2297325 A4 20111005 (EN)**

Application  
**EP 09753383 A 20090529**

Priority  
• CA 2009000735 W 20090529  
• US 5689108 P 20080529

Abstract (en)  
[origin: WO2009143622A1] A method for diagnosing the presence of schizophrenia or predicting the risk of developing schizophrenia in a human subject, comprising detecting the presence or absence of a defect in the SHANK3 gene encoding a SHANK3 polypeptide, in a nucleic acid sample of the subject, whereby the detection of the defect is indicative that the subject has schizophrenia or is at risk of developing schizophrenia.

IPC 8 full level  
**C12N 15/12** (2006.01); **C07K 14/47** (2006.01); **C07K 14/78** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)  
**C07K 14/47** (2013.01); **C12Q 1/6883** (2013.01); **G01N 33/5008** (2013.01); **G01N 33/6896** (2013.01); **C12Q 2600/136** (2013.01); **C12Q 2600/156** (2013.01); **C12Q 2600/158** (2013.01); **G01N 2800/302** (2013.01)

Citation (search report)  
• [XP] WO 2009008896 A1 20090115 - UNIV LOUISVILLE RES FOUND [US], et al  
• [X] US 2007281896 A1 20071206 - MORRIS DAVID W [US], et al  
• [X] DATABASE REFSEQ [online] XP002656892, retrieved from NCBI Database accession no. XP\_589942  
• [X] DATABASE REFSEQ [online] XP002656893, retrieved from NCBI Database accession no. XP\_002688036  
• [Y] HASHIMOTO ET AL: "SHANK proteins in the superior temporal cortex of patients with schizophrenia", SCHIZOPHRENIA RESEARCH, ELSEVIER, NETHERLANDS, vol. 60, no. 1, 15 March 2003 (2003-03-15), pages 63 - 64, XP005397336, ISSN: 0920-9964, DOI: 10.1016/S0920-9964(03)80574-1  
• [Y] DUNHAM I ET AL: "THE DNA SEQUENCE OF HUMAN CHROMOSOME 22", NATURE, NATURE PUBLISHING GROUP, LONDON, GB, vol. 402, no. 6761, 2 December 1999 (1999-12-02), pages 489 - 495, XP001180206, ISSN: 0028-0836, DOI: 10.1038/990031  
• See references of WO 2009143622A1

Designated contracting state (EPC)  
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 SE SI SK TR

DOCDB simple family (publication)  
**WO 2009143622 A1 20091203**; EP 2297325 A1 20110323; EP 2297325 A4 20111005

DOCDB simple family (application)  
**CA 2009000735 W 20090529**; EP 09753383 A 20090529