

Title (en)  
TRANSPORTERS AND ION CHANNELS

Title (de)  
TRANSPORTER UND IONENKANÄLE

Title (fr)  
TRANSPORTEURS ET CANAUX IONIQUES

Publication  
**EP 1358330 A2 20031105 (EN)**

Application  
**EP 02753752 A 20020208**

Priority

- US 0203657 W 20020208
- US 26789201 P 20010209
- US 27116801 P 20010223
- US 27289001 P 20010302
- US 27686001 P 20010316
- US 27825501 P 20010323
- US 28053801 P 20010330
- US 35135902 P 20020125

Abstract (en)  
[origin: WO02077237A2] The invention provides human transporters and ion channels (TRICH) and polynucleotides which identify and encode TRICH. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with aberrant expression of TRICH.

IPC 1-7  
**C12N 15/12; C07K 14/05; C12N 5/10; C12Q 1/68; C07K 16/18; A61K 38/17; A61K 39/395; A01K 67/027; G01N 33/50; G01N 33/53**

IPC 8 full level  
**G01N 33/50** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 49/00** (2006.01); **A61P 21/00** (2006.01); **A61P 25/00** (2006.01); **A61P 37/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/705** (2006.01); **C07K 16/18** (2006.01); **C07K 16/28** (2006.01); **C07K 16/46** (2006.01); **C12M 1/00** (2006.01); **C12M 1/34** (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 15/12** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP)  
**A61P 21/00** (2017.12); **A61P 25/00** (2017.12); **A61P 37/00** (2017.12); **A61P 43/00** (2017.12); **C07K 14/705** (2013.01)

Citation (search report)  
See references of WO 02077237A2

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 02077237 A2 20021003; WO 02077237 A3 20030619; CA 2438206 A1 20021003; EP 1358330 A2 20031105; JP 2004537283 A 20041216**

DOCDB simple family (application)  
**US 0203657 W 20020208; CA 2438206 A 20020208; EP 02753752 A 20020208; JP 2002576679 A 20020208**