

Title (en)  
HUMAN TRANSPORTERS AND ION CHANNELS

Title (de)  
MENSCHLICHE TRANSPORTPROTEINE UND IONENKANÄLE

Title (fr)  
TRANSPORTEURS HUMAINS ET CANAUX IONIQUES

Publication  
**EP 1381626 A2 20040121 (EN)**

Application  
**EP 01923190 A 20010406**

Priority

- US 19559500 P 20000406
- US 19687200 P 20000412
- US 19902000 P 20000420
- US 20349500 P 20000511
- US 20234800 P 20000505
- US 20055200 P 20000428
- US 0111206 W 20010406

Abstract (en)  
[origin: WO0177174A2] 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  
**C07K 14/47**

IPC 8 full level  
**G01N 33/50** (2006.01); **A61K 38/00** (2006.01); **A61K 45/00** (2006.01); **A61K 49/00** (2006.01); **A61P 1/04** (2006.01); **A61P 1/16** (2006.01); **A61P 1/18** (2006.01); **A61P 3/00** (2006.01); **A61P 3/06** (2006.01); **A61P 3/08** (2006.01); **A61P 3/10** (2006.01); **A61P 3/12** (2006.01); **A61P 5/14** (2006.01); **A61P 5/38** (2006.01); **A61P 7/00** (2006.01); **A61P 7/06** (2006.01); **A61P 9/00** (2006.01); **A61P 9/04** (2006.01); **A61P 9/06** (2006.01); **A61P 9/10** (2006.01); **A61P 9/12** (2006.01); **A61P 9/14** (2006.01); **A61P 11/00** (2006.01); **A61P 11/06** (2006.01); **A61P 13/02** (2006.01); **A61P 13/12** (2006.01); **A61P 17/00** (2006.01); **A61P 17/06** (2006.01); **A61P 19/06** (2006.01); **A61P 19/10** (2006.01); **A61P 21/00** (2006.01); **A61P 21/04** (2006.01); **A61P 25/00** (2006.01); **A61P 25/02** (2006.01); **A61P 25/06** (2006.01); **A61P 25/16** (2006.01); **A61P 25/18** (2006.01); **A61P 25/20** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/28** (2006.01); **A61P 27/02** (2006.01); **A61P 27/12** (2006.01); **A61P 27/16** (2006.01); **A61P 29/00** (2006.01); **A61P 31/00** (2006.01); **A61P 31/04** (2006.01); **A61P 31/10** (2006.01); **A61P 31/12** (2006.01); **A61P 33/00** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/02** (2006.01); **A61P 37/06** (2006.01); **A61P 37/08** (2006.01); **A61P 43/00** (2006.01); **C07K 14/46** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C07K 16/18** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/02** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)  
**A61P 1/04** (2017.12); **A61P 1/16** (2017.12); **A61P 1/18** (2017.12); **A61P 3/00** (2017.12); **A61P 3/06** (2017.12); **A61P 3/08** (2017.12); **A61P 3/10** (2017.12); **A61P 3/12** (2017.12); **A61P 5/14** (2017.12); **A61P 5/38** (2017.12); **A61P 7/00** (2017.12); **A61P 7/06** (2017.12); **A61P 9/00** (2017.12); **A61P 9/04** (2017.12); **A61P 9/06** (2017.12); **A61P 9/10** (2017.12); **A61P 9/12** (2017.12); **A61P 9/14** (2017.12); **A61P 11/00** (2017.12); **A61P 11/06** (2017.12); **A61P 13/02** (2017.12); **A61P 13/12** (2017.12); **A61P 17/00** (2017.12); **A61P 17/06** (2017.12); **A61P 19/06** (2017.12); **A61P 19/10** (2017.12); **A61P 21/00** (2017.12); **A61P 21/04** (2017.12); **A61P 25/00** (2017.12); **A61P 25/02** (2017.12); **A61P 25/06** (2017.12); **A61P 25/16** (2017.12); **A61P 25/18** (2017.12); **A61P 25/20** (2017.12); **A61P 25/22** (2017.12); **A61P 25/24** (2017.12); **A61P 25/28** (2017.12); **A61P 27/02** (2017.12); **A61P 27/12** (2017.12); **A61P 27/16** (2017.12); **A61P 29/00** (2017.12); **A61P 31/00** (2017.12); **A61P 31/04** (2017.12); **A61P 31/10** (2017.12); **A61P 31/12** (2017.12); **A61P 33/00** (2017.12); **A61P 35/00** (2017.12); **A61P 37/00** (2017.12); **A61P 37/02** (2017.12); **A61P 37/06** (2017.12); **A61P 37/08** (2017.12); **A61P 43/00** (2017.12); **C07K 14/705** (2013.01)

Citation (search report)  
See references of WO 0177174A2

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 0177174 A2 20011018**; **WO 0177174 A3 20021010**; AU 4990601 A 20011023; CA 2404229 A1 20011018; EP 1381626 A2 20040121; JP 2004507218 A 20040311

DOCDB simple family (application)  
**US 0111206 W 20010406**; AU 4990601 A 20010406; CA 2404229 A 20010406; EP 01923190 A 20010406; JP 2001575644 A 20010406