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(71) Applicant (for all designated States except US): **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **LAL, Preeti, G.** [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **NGUYEN, Danniell, B.** [US/US]; 4922 Arnica Court, San Jose, CA 95111 (US). **YAO, Monique, G.** [US/US]; 1189 Woodgate Drive, Carmel, IN 46033 (US). **Bell, Barrie, D.** [US/US]; 2400 West El Camino Real #319, Mountain View, CA 94040 (US). **BOROWSKY, Mark, L.** [US/US]; 122 Orchard Avenue, Redwood City, CA 94061 (US). **LEE, Sally** [US/US]; 3643 26th Street, San Francisco, CA 94110 (US). **EMERLING, Brooke, M.** [US/US]; 1735 Woodland Avenue # 71, Palo Alto, CA 94303 (US). **XU, Yuming** [US/US]; 1739 Walnut Drive, Mountain View, CA 94040 (US). **BECHA, Shanya, D.** [US/US]; 21062 Gary Drive # 117, Castro Valley, CA 94546 (US). **GORVAD, Ann, E.** [US/US]; 369 Marie Common, Livermore, CA 94550 (US). **AZIMZAI, Yalda** [US/US]; 5518 Boulder Canyon Drive, Castro Valley, CA 94552 (US). **YUE, Huibin** [US/US]; 1170 South Stelling Road, Cupertino, CA 95014 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **LEE, Ernestine, A.** [US/US]; 20523 Crow Creek

Road, Castro Valley, CA 94552 (US). **YANG, Junming** [CN/US]; 7125 Bark Lane, San Jose, CA 95129 (US). **LEHR-MASON, Patricia, M.** [US/US]; 360 Clarke Lane, Morgan Hill, CA 95037 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). **LEE, Soo, Yeun** [KR/US]; 40 Westdale Avenue, Daly City, CA 94015 (US). **FARIS, Mary** [US/US]; 2538 Almaden Court, Los Angeles, CA 90077 (US). **TURNER, Christopher** [US/US]; 817 Santa Fe Avenue, Stanford, CA 94305 (US). **FURNESS, Michael** [GB/GB]; 2 Brookside, Exning, New Market, Antrim CB8 7EL (GB). **BUCHBINDER, Jenny, L.** [US/US]; 776 Fifth Avenue #1, San Francisco, CA 94118 (US). **CHAWLA, Narinder, K.** [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). **LI, Joana, X.** [US/US]; 1264 Geneva Avenue, San Francisco, CA 94112 (US). **FORSYTHE, Ian, J.** [US/US]; 308 Roble Avenue, Redwood City, CA 94061 (US). **GRIFFIN, Jennifer, A.** [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). **GIETZEN, Kimberly, J.** [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). **SWARNAKAR, Anita** [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). **HAFALIA, April, J.A.** [US/US]; 2227 Calle de Primavera, Santa Clara, CA 95054 (US). **LINDQUIST, Erika, A.** [US/US]; 2394 Mariner Square Drive #C-121, Alameda, CA 94501 (US). **JIANG, Xin** [US/US]; 14371 Elva Avenue, Saratoga, CA 95070 (US). **JACKSON, Alan, A.** [US/US]; 1541 Elwood Drive, Los Gatos, CA 95032 (US). **WILSON, Amy, D.** [US/US]; 1056 Continentals Way, #27, Belmont, CA 94002 (US). **JIN, Pei** [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). **KHARE, Reena** [US/US]; 12650 Orella Court, Saratoga, CA 95070 (US). **MARQUIS, Joseph, P.** [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US).

(74) Agents: **HAMLET-COX, Diana** et al.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

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(54) Title: TRANSPORTERS AND ION CHANNELS

(57) Abstract: Various embodiments of the invention provide human transporters and ion channels (TRICH) and polynucleotides which identify and encode TRICH. Embodiments of the invention also provide expression vectors, host cells, antibodies, agonists, and antagonists. Other embodiments provide methods for diagnosing, treating, or preventing disorders associated with aberrant expression of TRICH.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/26323

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/00, 39/00; C07H 21/04; C07K 1/00, 14/00, 16/00; C12N 1/20, 5/00, 15/09; C12P 21/00;
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/34804 A1 (LEXICON GENETICS INCORPORATED.) 17 May 2001	1, 3, 6-9, 11, 17, 19-
---	(17.05.2001), amino acid sequence of SEQ ID NO: 4; nucleic acid sequence of SEQ ID	20, 23, 31-43
A	NO: 3; pages 10-12 and 18-21.	----- 2, 4-5, 10, 12-16, 18, 21-22, 24-30, 44-107

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner of Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Authorized officer

Bridget E. Bunner

Telephone No. (571) 272-1600

Facsimile No. (571) 273-3201

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Continuation of B. FIELDS SEARCHED Item 1:

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Continuation of B. FIELDS SEARCHED Item 3:

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