

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 February 2003 (20.02.2003)

PCT

(10) International Publication Number
WO 03/014143 A3

- (51) International Patent Classification⁷: **C12Q 1/68**, C07H 21/04
- (21) International Application Number: PCT/US02/25219
- (22) International Filing Date: 5 August 2002 (05.08.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/310,055 4 August 2001 (04.08.2001) US
60/381,189 16 May 2002 (16.05.2002) US
- (71) Applicants (*for all designated States except US*): **WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH** [US/US]; Nine Cambridge Center, Cambridge, MA 02142 (US). **GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **DALY, Mark, J.** [US/US]; 59 Webcower Road, Arlington, MA 02474 (US). **ALTSHULER, David, M.** [US/US]; 69 Mason Terrace, Brookline, MA 02446 (US). **LANDER, Eric, S.** [US/US]; 74 R. Fayer Weather Street, Cambridge, MA 02139 (US). **RIOUX, John, D.** [CA/US]; 34 Plymouth Street, #3, Cambridge, MA 02141 (US). **GABRIEL, Stacey, B.** [US/US]; 1 Stimson Avenue, Lexington, MA 02421 (US). **SCHAFFNER, Stephen** [US/US]; 22 Bridge Street, Lexington, MA 02421 (US).
- (74) Agents: **TREANNIE, Lisa, M.** et al.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
11 December 2003
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: HAPLOTYPE MAP OF THE HUMAN GENOME AND USES THEREFOR

(57) Abstract: A method of producing a haplotype map which can be used to select an optimal set of single nucleotide polymorphic sites for examination in a subsequent genotyping study is disclosed, along with the map so produced.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/25219

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C07H 21/04

US CL : 435/6; 536/23.1

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. : 435/6; 536/23.1

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	JEFFREYS et al. "High resolution analysis of haplotype diversity and meiotic crossover in the human TAP2 recombination hotspot." Hum. Mol. Genetics. March 2000, Vol. 9, No. 5, pages 725-733, see entire document, especially Figure 1.	1-4, 6-10 -----
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Y		
X,P	US 2001/0051712 A1 (DRYSDALE et al.) 13 December 2001 (13.12.2001), see entire document.	1-17
X	DRYSDALE et al. "Complex promoter and coding region B2-adrenergic receptor haplotypes alter receptor expression and predict in vivo responsiveness." PNAS. 12 September 2000, Vol. 97, No. 19, pages 10483-10488, see entire document.	1-17
X	HERNANDEZ et al. "Genetic mapping of the Spinocerebellar Ataxia 2 (SCA2) Locus on Chromosome 12q23-q24.1" Genomics. 1995, Vol. 25, No. 2, pages 433-435, see entire document, especially Table 1.	1-4, 6-9
Y	US 6,251,671 B1 (HOGAN et al) 26 June 2001 (26.06.2001), see entire document, especially Figure 2B.	1-17

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"X"

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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

Date of the actual completion of the international search

18 January 2003 (18.01.2003)

Date of mailing of the international search report

24 JUL 2003

Name and mailing address of the ISA/US

Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703)305-3230

Authorized officer

Melicia D. Roberts for
Jeanine Enewold Goldberg

Telephone No. (703) 308-0196

INTERNATIONAL SEARCH REPORT

PCT/US02/25219

Continuation of B. FIELDS SEARCHED Item 3:

east; medline; biosis; caplus; embase
haplotyp map; 5q31; beta andrenergic; recobination