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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 April 2006 (06.04.2006)

PCT

(10) International Publication Number
WO 2006/036688 A3

(51) International Patent Classification:
G01N 33/68 (2006.01)

(21) International Application Number:
PCT/US2005/033795

(22) International Filing Date:
21 September 2005 (21.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/612,591 22 September 2004 (22.09.2004) US

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

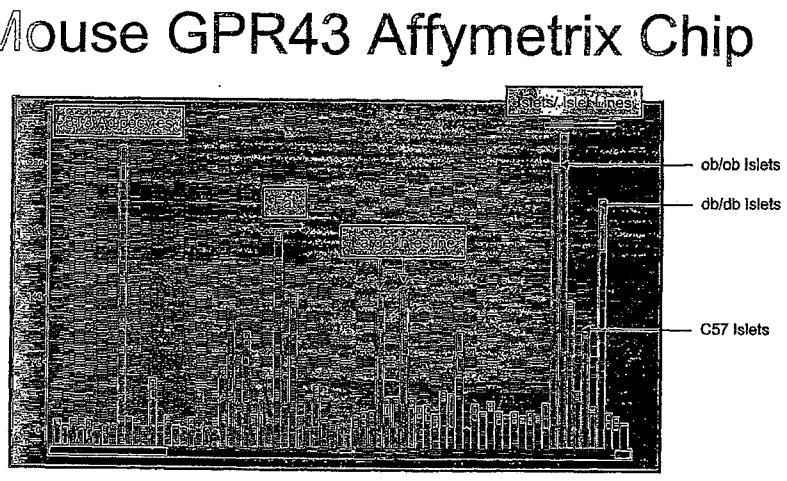
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
24 August 2006

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: GPR43 AND MODULATORS THEREOF FOR THE TREATMENT OF METABOLIC-RELATED DISORDERS



(57) Abstract: The present invention relates to a method for identifying a metabolic stabilizing compound by: a) contacting a candidate compound with GPR43, and b) determining whether GPR43 functionality is modulated, where a modulation in GPR43 functionality is indicative of the candidate compound being a metabolic stabilizing compound. In addition, the invention relates to a method for identifying a metabolic stabilizing compound, comprising: a) contacting a candidate compound with GPR43, and b) determining whether GPR43 functionality is increased, wherein an increase in GPR43 functionality is indicative of the candidate compound being a metabolic stabilizing compound. Further, the invention relates to a method for identifying a metabolic stabilizing compound, comprising: a) contacting a candidate compound with GPR43, and b) determining whether GPR43 functionality is decreased, wherein a decrease in GPR43 functionality is indicative of the candidate compound being a metabolic stabilizing compound.

WO 2006/036688 A3