

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 May 2007 (18.05.2007)

PCT

(10) International Publication Number
WO 2007/055664 A1

(51) International Patent Classification:
G01N 33/574 (2006.01) *G01N 33/567* (2006.01)

(74) Agent: ELLA CHEONG SPRUSON & FERGUSON
(SINGAPORE) PTE LTD; P.O. BOX 1531, ROBINSON
ROAD POST OFFICE, Singapore 903031 (SG).

(21) International Application Number:
PCT/SG2006/000347

(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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(22) International Filing Date:
14 November 2006 (14.11.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/273,184 14 November 2005 (14.11.2005) US

(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).

(71) Applicant (*for all designated States except US*):
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 BIOPOLIS WAY, #07-01, CENTROS, Singapore 138668 (SG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): LIN, Chin-Yo [US/SG]; c/o Genome Institute of Singapore, Genome #02-01, 60 Biopolis Street, Singapore 138672 (SG). LIU, Edison T. [US/SG]; c/o Genome Institute of Singapore, Genome #02-01, 60 Biopolis Street, Singapore 138672 (SG).

Published:

— with international search report

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: METHODS, COMPOSITIONS AND KITS FOR USE IN PROGNOSIS, CHARACTERIZATION AND TREATMENT OF CANCER

(57) Abstract: The present invention provides methods, compositions and kits for the prognosis, characterization and treatment of cancers. The methods, compositions and kits of the invention comprise a set of markers whose expression is correlated with estrogen receptor beta function. Therefore, the methods, compositions and kits of the invention find particular use in endocrine-related cancers such as breast cancers.



WO 2007/055664 A1