



- (51) **International Patent Classification:**
C12Q 1/68 (2006.01) *G01N 33/574* (2006.01)
- (21) **International Application Number:**
PCT/SG2013/000409
- (22) **International Filing Date:**
18 September 2013 (18.09.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
201206943-1 18 September 2012 (18.09.2012) SG
- (71) **Applicants:** **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632 (SG). **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 21 Lower Kent Ridge Road, Singapore 119077 (SG).
- (72) **Inventors:** **LEI, Zhengdeng**; 8 College Road, Singapore 169857 (SG). **ROZEN, Steve**; 8 College Road, Singapore 169857 (SG). **TAN, Patrick**; 8 College Road, Singapore 169857 (SG). **SRAVANTHY, Manesh**; 31 Biopolis Drive, The Nanos #03-01, Singapore 138669 (SG). **FLOTOW, Horst**; 31 Biopolis Drive, The Nanos #03-01, Singapore 138669 (SG). **NGO, Anna**; 31 Biopolis Drive, The Nanos #03-01, Singapore 138669 (SG).
- (74) **Agent:** **SPRUSON & FERGUSON (ASIA) PTE LTD**; P.O Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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

(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

— with sequence listing part of description (Rule 5.2(a))

(54) **Title:** GROUPING FOR CLASSIFYING GASTRIC CANCER

(57) **Abstract:** There is provided a grouping for classifying a gastric cancer tumor sample obtained from a patient suffering or suspected to suffer from gastric cancer, wherein the grouping comprises an invasive subtype, a proliferative subtype and a metabolic subtype. There is also provided a predictor and methods of using the grouping.

