



- (51) International Patent Classification:  
*C12Q 1/68* (2006.01) *C12N 15/11* (2006.01)
- (21) International Application Number:  
PCT/CN2015/089729
- (22) International Filing Date:  
16 September 2015 (16.09.2015)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
62/050,963 16 September 2014 (16.09.2014) US
- (71) Applicant: **LIHPAO LIFE SCIENCE CORP.** [CN/CN];  
10F., No.27-8, Sec. 2, Zhongzheng E. Rd., Tamsui Dist.,  
New Taipei City, Taiwan 25170 (CN).
- (72) Inventors: **CHEN, Chih-Hao**; 10F., No.27-8, Sec. 2,  
Zhongzheng E. Rd., Tamsui Dist., New Taipei City,  
Taiwan 25170 (CN). **LEE, Meng-Ju**; 10F., No.27-8, Sec.  
2, Zhongzheng E. Rd., Tamsui Dist., New Taipei City,  
Taiwan 25170 (CN). **WU, Chia-Lin**; 10F., No.27-8, Sec.  
2, Zhongzheng E. Rd., Tamsui Dist., New Taipei City,  
Taiwan 25170 (CN). **LIU, Yu-Wei**; 10F., No.27-8, Sec. 2,  
Zhongzheng E. Rd., Tamsui Dist., New Taipei City,  
Taiwan 25170 (CN).
- (74) Agent: **BEIJING SANYOU INTELLECTUAL PROP-  
ERTY AGENCY LTD.**; 16th Fl., Block A, Corporate  
Square, No.35 Jinrong Street, Beijing 100033 (CN).

- (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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, 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, ST, 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).

**Published:**

- with international search report (Art. 21(3))  
— with sequence listing part of description (Rule 5.2(a))

(54) Title: KIT FOR CANCER DETECTION

(57) Abstract: The present invention provides a primer set and a kit containing same for analyzing a sequence of an *MLH1* DNA, an *MLH1* mRNA, and/or a cDNA sequence derived from said *MLH1* mRNA of a subject to identify a V384 alteration of an *MLH1* gene encoded protein.

