



(51) International Patent Classification:

G01N 33/53 (2006.01) C12Q 1/6886 (2018.01)
A61K 39/395 (2006.01)

(21) International Application Number:

PCT/US2022/034422

(22) International Filing Date:

21 June 2022 (21.06.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/212,581 18 June 2021 (18.06.2021) US

(71) Applicant: **STRATA ONCOLOGY, INC.** [US/US]; 8170 Jackson Road, Ann Arbor, MI 48103 (US).

(72) Inventors: **RHODES, Daniel, Reed**; 821 Glazier Road, Chelsea, MI 48118 (US). **TOMLINS, Scott, Arthur**; 703 Felch Street, Ann Arbor, MI 48103 (US). **JOHNSON, David, Bryan**; 13071 McKinley Road, Chelsea, MI 48118 (US).

(74) Agent: **WARREN, Lisa, M.** et al.; Morse, Barnes-Brown & Pendleton, P.C., Citypoint, 480 Totten Pond Road, 4th Floor, Waltham, MA 02451 (US).

(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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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).

(54) Title: METHODS OF DETERMINING CANCER THERAPY EFFECTIVENESS

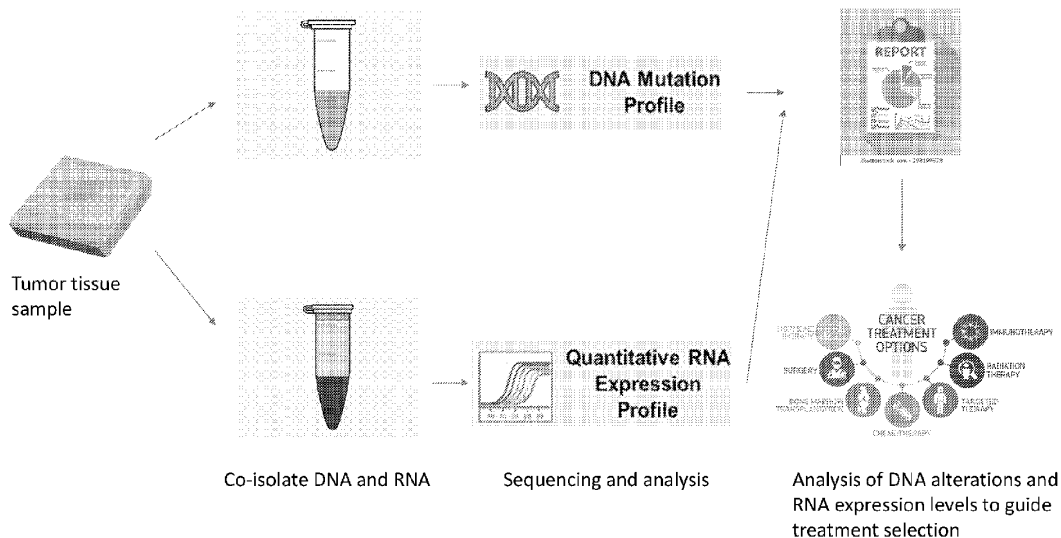


FIG. 1

(57) Abstract: Disclosed herein are methods of assessing whether a subject would be responsive to an immunotherapy.

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*