

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2021/188973 A8

(43) International Publication Date
23 September 2021 (23.09.2021)

WIPO | PCT

(51) International Patent Classification:
C12N 15/01 (2006.01) *C12Q 1/6869* (2018.01)
C12N 5/071 (2010.01)

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(21) International Application Number:
PCT/US2021/023274

(22) International Filing Date:
19 March 2021 (19.03.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/992,498 20 March 2020 (20.03.2020) US
63/161,390 15 March 2021 (15.03.2021) US

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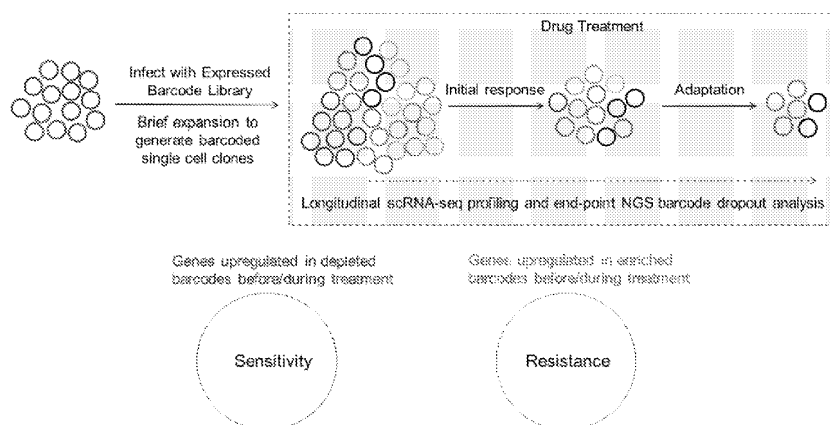
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, 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,

(54) Title: SYSTEMS AND METHODS TO TRACK THE EVOLUTION OF SINGLE CELLS

FIG. 2



(57) Abstract: Cells in a given population often display heterogeneity that may affect how each cell responds to a particular treatment or growth condition. The methods described herein allow determination of which cells from an initial population survive a treatment or condition, and how surviving cells evolve over time. For example, the methods described herein may be used to model drug resistance, response and/or adaptation in a cell population.

[Continued on next page]

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))*

(48) Date of publication of this corrected version:

22 September 2022 (22.09.2022)

(15) Information about Correction:

see Notice of 22 September 2022 (22.09.2022)