

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



WIPO | PCT



(10) International Publication Number
WO 2013/000023 A8

(43) International Publication Date
3 January 2013 (03.01.2013)

- (51) International Patent Classification:
C40B 30/04 (2006.01) *C40B 40/02* (2006.01)
- (21) International Application Number:
PCT/AU2012/000761
- (22) International Filing Date:
28 June 2012 (28.06.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2011902568 29 June 2011 (29.06.2011) AU
- (71) Applicant (for all designated States except US): **AFFINITY BIOSCIENCES PTY LTD** [AU/AU]; 221 Burwood Highway, Burwood, Victoria 3125 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BEASLEY, Matthew** [AU/AU]; 152 Miller Street, Fitzroy North, Victoria 3068 (AU). **KIEFEL, Ben** [AU/AU]; 11 Ferris Avenue, Mitcham, Victoria 3132 (AU).
- (74) Agent: **FB RICE & CO**; Level 23, 200 Queen Street, Melbourne, Victoria 3000 (AU).
- (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, 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, KM, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, ML, MR, NE, SN, TD, TG).

Published:

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

(48) Date of publication of this corrected version:
14 March 2013

(15) Information about Correction:
see Notice of 14 March 2013

(54) Title: METHOD OF PROTEIN DISPLAY

(57) Abstract: The present invention relates to methods for screening a polypeptide for desired activity against a target molecule. In particular, the present invention relates to methods for screening a polypeptide for desired activity against a target molecule by expressing the polypeptide in a Gram-negative bacterial cell and permeabilising the cell. The invention also relates to methods of packaging gene libraries in a bacterial cell.



WO 2013/000023 A8