



- (51) **International Patent Classification:**  
*C07K 14/705* (2006.01) *C12N 1/21* (2006.01)  
*C07K 14/72* (2006.01) *C12N 5/10* (2006.01)  
*C12N 1/15* (2006.01)
- (21) **International Application Number:** PCT/EP20 13/05 1041
- (22) **International Filing Date:** 21 January 2013 (21.01.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
1215 1814.6 19 January 2012 (19.01.2012) EP  
61/588,523 19 January 2012 (19.01.2012) US
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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, 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, PA, 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))
  - 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))
  - with sequence listing part of description (Rule 5.2(a))



(54) **Title:** TOOLS AND METHODS FOR EXPRESSION OF MEMBRANE PROTEINS

(57) **Abstract:** The present invention relates cells or cellular systems that express both a membrane protein and a binding domain directed to said membrane protein. Also, methods are provided that use such cells or cellular systems to produce higher amounts of said membrane proteins. Further, the cells or cellular systems can be used as tools for the structural and functional characterization of membrane proteins, as well as for screening and drug discovery efforts targeting membrane proteins.