(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
11 August 2011 (11.08.2011)

PCT

(10) International Publication Number
WO 2011/097513 A1

(51) International Patent Classification:
A61K 39/395 (2006.01)

(21) International Application Number:
PCT/US2011/023791

(22) International Filing Date:
4 February 2011 (04.02.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/301,550 4 February 2010 (04.02.2010) US

(71) Applicant *(for all designated States except US)*: **GILEAD BIOLOGICS, INC** [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MCCAULEY, Scott Alan** [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). **RODRIGUEZ, Hector** [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). **GARCIA, Carlos, A.** [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). **SMITH, Victoria** [AU/US]; 333 Lakeside Drive, Foster City, CA 94404 (US).

(74) Agent: **FRANCIS, Carol, L.**; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (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, 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, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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:

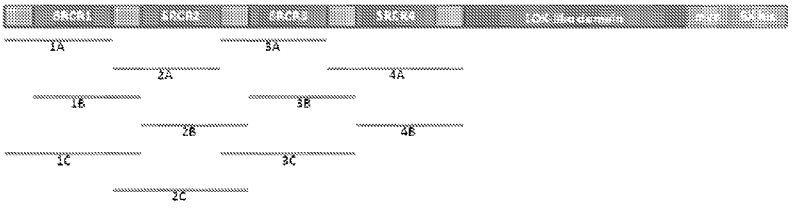
— *with international search report (Art. 21(3))*

WO 2011/097513 A1

(54) Title: ANTIBODIES THAT BIND TO LYSYL OXIDASE-LIKE 2 (LOXL2) AND METHODS OF USE THEREFOR

FIGURE 2

A



(57) Abstract: The present disclosure provides lysyl oxidase-like-2 (LOXL2) polypeptide binding agents, including, for example, antibodies that specifically bind a LOXL2 polypeptide; and further provides compositions comprising same. The binding agents can be used in various treatment and diagnostic methods, which are also provided.