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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
21 November 2013 (21.11.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/173702 A3

(51) International Patent Classification:
C12N 15/86 (2006.01)

(21) International Application Number:
PCT/US2013/041565

(22) International Filing Date:
17 May 2013 (17.05.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/649,007 18 May 2012 (18.05.2012) US
61/784,142 14 March 2013 (14.03.2013) US

(71) Applicant: **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104 (US).

(72) Inventors: **ROY, Soumitra**; 240 Pugh Road, Wayne, PA 19087 (US). **WILSON, James, M.**; 7 Fallbrook Lane, Glen Mills, PA 19342 (US).

(74) Agents: **DUMINIAK, Robert, J.** et al.; Howson & Howson LLP, 501 Office Center Drive, Suite 210, Fort Washington, PA 19034 (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, 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))*

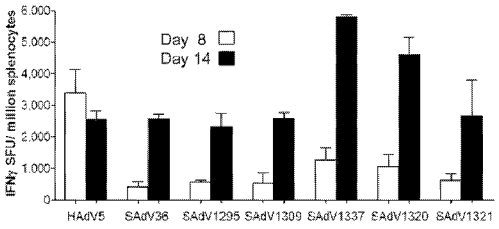
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

— *with sequence listing part of description (Rule 5.2(a))*

(88) Date of publication of the international search report:
13 March 2014

(54) Title: SUBFAMILY E SIMIAN ADENOVIRUSES A1302, A1320, A1331 AND A1337 AND USES THEREOF

FIG. 1



(57) Abstract: Recombinant vectors comprise simian adenovirus A1302 (SAdV-A1302, SAdV-A1320, SAdV-A1331, and/or SAdV-A1337 sequences and a heterologous gene under the control of regulatory sequences. A cell line which expresses simian adenovirus SAdV-A1302, SAdV-A1320, SAdV-A1331, and/or SAdV-A1337 gene(s) is also disclosed. Methods of using the vectors and cell lines are provided.

WO 2013/173702 A3