

(12) Translation of
European patent specification

(11) NO/EP 3060668 B1

(19) NO
NORWAY
(51) Int Cl.
C12N 15/86 (2006.01)

Norwegian Industrial Property Office

(21)	Translation Published	2019.09.23
(80)	Date of The European Patent Office Publication of the Granted Patent	2019.06.19
(86)	European Application Nr.	14792441.9
(86)	European Filing Date	2014.10.24
(87)	7 K H (X U R S H D Q \$ S Publication Date	2016.08.31
(30)	Priority	2013.10.24, GB, 201318804 2013.10.24, US, 201361894994 P
(84)	Designated Contracting States:	AL ; AT ; BE ; BG ; CH ; CY ; CZ ; DE ; DK ; EE ; ES ; FI ; FR ; GB ; GR ; HR ; HU ; IE ; IS ; IT ; LI ; LT ; LU ; LV ; MC ; MK ; MT ; NL ; NO ; PL ; PT ; RO ; RS ; SE ; SI ; SK ; SM ; TR
(73)	Proprietor	Adaptimmune Limited, 9400 Garsington Road, Oxford Business ParkOxford OX2 2HN, Storbritannia
(72)	Inventor	KAN, On, Adaptimmune Limited9400 Garsington RoadOxford Business Park, OxfordOxfordshire OX2 2HN, Storbritannia
(74)	Agent or Attorney	PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge

(54)	Title	VECTORS FOR TRANSGENE EXPRESSION
(56)	References Cited:	WO-A2-2012/170911 RAMEZANI A ET AL: "Lentiviral vectors for enhanced gene expression in human hematopoietic cells", MOLECULAR THERAPY, NATURE PUBLISHING GROUP, GB, vol. 2, no. 5, 1 November 2000 (2000-11-01), pages 458-469, XP002307687, ISSN: 1525-0016, DOI: 10.1006/MTHE.2000.0190 JOHNSTON J M ET AL: "Generation of an optimized lentiviral vector encoding a high-expression factor VIII transgene for gene therapy of hemophilia A", GENE THERAPY, vol. 20, no. 6, 1 June 2013 (2013-06-01), pages 607-615, XP055166279, ISSN: 0969-7128, DOI: 10.1038/gt.2012.76 REAL G ET AL: "Improvement of lentiviral transfer vectors using cis-acting regulatory elements for increased gene expression", APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, SPRINGER, BERLIN, DE, vol. 91, no. 6, 15 June 2011 (2011-06-15), pages 1581-1591, XP019943607, ISSN: 1432-0614, DOI: 10.1007/S00253-011-3392-2 MITTA B ET AL: "Advanced modular self-inactivating lentiviral expression vectors for multigene interventions in mammalian cells and in vivo transduction", NUCLEIC ACIDS RESEARCH, INFORMATION RETRIEVAL LTD, vol. 30, no. 21, 1 November 2002 (2002-11-01), page e113, XP002321925, ISSN: 0305-1048, DOI: 10.1093/NAR/GNF112

