



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 90 20 30

### Classification of the application (IPC):

**C12N 5/10, C12N 15/12, A01K 67/00, A61K 35/30, A61P 21/00, A01K 67/027, C12N 15/90, C07K 14/47**

### Technical fields searched (IPC):

A01K, A61P, C12N, C07K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	<b>HAIYAN QIU ET AL:</b> "ALS-associated mutation FUS-R521C causes DNA damage and RNA splicing defects" <i>THE JOURNAL OF CLINICAL INVESTIGATION</i> GB 10 February 2014 (2014-02-10), vol. 124, no. 3, DOI: 10.1172/JCI72723, ISSN: 0021-9738, pages 981-999, XP055539623 * Cited in the ISR;page 983; figure 1 *	1-5 6-15
X	<b>CAO HUANG ET AL:</b> "FUS Transgenic Rats Develop the Phenotypes of Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Degeneration" <i>PLOS GENETICS</i> , 03 March 2011 (2011-03-03), vol. 7, no. 3, DOI: 10.1371/journal.pgen.1002011, ISSN: 1553-7390, page e1002011, XP055729988 * figure 1 *	1-4
X	<b>JACQUELINE C MITCHELL ET AL:</b> "Overexpression of human wild-type FUS causes progressive motor neuron degeneration in an age- and dose-dependent fashion" <i>ACTA NEUROPATHOLOGICA, SPRINGER, BERLIN, DE</i> , 09 September 2012 (2012-09-09), vol. 125, no. 2, DOI: 10.1007/S00401-012-1043-Z, ISSN: 1432-0533, pages 273-288, XP035167366 * page 274 *	1, 3-5
Y	<b>BARBER S C ET AL:</b> "An in vitro screening cascade to identify neuroprotective antioxidants in ALS" <i>FREE RADICAL BIOLOGY AND MEDICINE, ELSEVIER INC, US</i> , 15 April 2009 (2009-04-15), vol. 46, no. 8, DOI: 10.1016/J.FREERADBIOMED.2009.01.019, ISSN: 0891-5849, pages 1127-1138, XP026586639 * page 1129 - page 1132 *	8-10

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 11 September 2020	Examiner Deleu, Laurent
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### CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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Y	<b>MARCIE A GLICKSMAN</b> : "The preclinical discovery of amyotrophic lateral sclerosis drugs" <i>EXPERT OPINION ON DRUG DISCOVERY</i> London, GB 25 October 2011 (2011-10-25), vol. 6, no. 11, DOI: 10.1517/17460441.2011.628654, ISSN: 1746-0441, pages 1127-1138, XP055730112 * page 9 - page 11 *	11
Y	"Program and Abstracts of the 13th Transgenic Technology Meeting (TT2016) ED - Murray James D; Ross Pablo J; Van Eenennaam Alison; Maga Elizabeth A" <i>TRANSGENIC RESEARCH, SPRINGER NETHERLANDS, NL</i> , 16 February 2016 (2016-02-16), vol. 25, no. 2, DOI: 10.1007/S11248-016-9936-6, ISSN: 0962-8819, pages 195-270, XP035933679 * page 229 *	6, 7, 12-15
A	<b>Thomas Philips ET AL</b> : "Rodent Models of Amyotrophic Lateral Sclerosis : Rodent Models of ALS" In: "Current Protocols in Pharmacology", Hoboken, NJ, USA John Wiley & Sons, Inc., 01 June 2015 (2015-06-01) pages 5.67.1-5.67.21, ISBN: 978-0-471-14175-4, XP055549612 * the whole document *	1-11
A	<b>EDISON T LIU ET AL</b> : ": future of the mouse as a model system for the human condition" <i>EMBO REPORTS</i> GB 24 January 2017 (2017-01-24), vol. 18, no. 2, DOI: 10.15252/embr.201643717, ISSN: 1469-221X, pages 187-193, XP055730069 * the whole document *	1-15

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