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(54) **Title**: SHORT RNA MOLECULES

(57) **Abstract**: The present invention provides a short RNA capable of upregulating MafA expression in a human cell, wherein said short RNA includes a first strand which is 9 to 25 nucleotides in length and comprises the sequence AUCUGUACUGGAUGAGCGG or UUUCCCGCAGGAGAUUGAC. Also provided are uses thereof, particular medical uses, and induced cells and uses thereof.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, BIOSIS, Sequence Search, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2010/108126 A2 (FATE THERAPEUTICS INC [US]; MENDLEIN JOHN D [US]; FAROUZ FRANCINE S [U) 23 September 2010 (2010-09-23)	13-15, 18,19
Y	page 63, line 15 - page 65, line 7 page 63, paragraph 2	1-20

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Offermann, Stefanie

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
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