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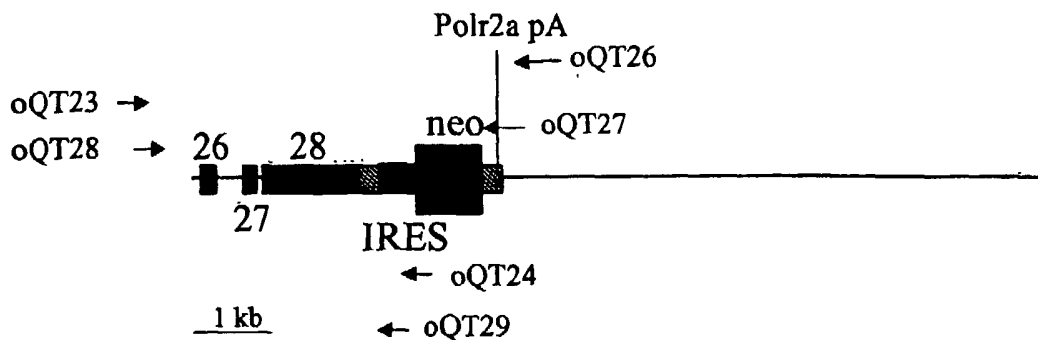
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PERSISTENT EXPRESSION OF CANDIDATE MOLECULE IN PROLIFERATING STEM AND PROGENITOR
CELLS FOR DELIVERY OF THERAPEUTIC PRODUCTS



(57) Abstract: A method of obtaining and the resulting isolated progenitor or stem cell population of proliferating cells persistently
expressing a candidate molecule. Further, novel products of *ex vivo* gene product (e.g., protein) production and treating symptoms
of neurological or neurodegenerative disorders are also provided. Fig. 15 illustrates vector used in the presently claimed invention,
wherein IRES-neo sequences were cloned into the 3' non-coding sequence (flanking exon 28) of the mouse Polr2a locus.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/00929

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(7) : A61K 48/00; C12N 5/00, 5/08, 15/00, 15/63, 15/87
 US CL : 424/93.21; 435/463, 320.1, 325, 368
 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)
 U.S. : 424/93.21; 435/463, 320.1, 325, 368

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,464,764 A (CAPECCHI et al) 07 November 1995 (07.11.1995), see the entire document, particularly col. 15, line 42 continues to line 6 of col. 18.	1-3, 12-13, 15-16, 19-20, 22-23, 31-33, 35-39 and 45 ----- 14, 26-27 and 34
Y	US 6,235,527 B1 (RAO et al) 22 May 2001 (22.05.2001), see the entire document, particularly col. 13, line 62 continues to line 67 of col. 14.	14, 26-27 and 34
A	GINIS et al. Toward cell replacemnt therapy: promises and caveats. Experimental Neurology. November 2003, Vol. 184, pages 61-77, see the entire document.	1-45

Further documents are listed in the continuation of Box C.

See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

Date of the actual completion of the international search
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Continuation of B. FIELDS SEARCHED Item 3:
APS, DIALOG, MEDLINE, EMBASE, BIOSIS

search terms: homologous recombination, somatic stem cells, glial progenitors or precursors, gene targeting, Rosa locus, actin locus, RNA polymerase II locus, Capecchi-Mario-RS.