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(54) Title: MODULATION OF APPL EXPRESSION

(57) Abstract: Compositions and methods are provided for modulating the expression of APPL.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/27018

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C07H 21/04; A01N 43/04; C12N 5/00 US CL : 536/24.5; 514/44; 435/375 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. : 536/24.5; 514/44; 435/375 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	Database HTML, MITSUUCHI et al. Inhibition of Cell Proliferation and Induction of Cell Death by Targeting APPL Expression. Proceedings of the AACR, February 2001, Vol. 42, page 2652, abstract.	1-2, 7, 14, 23 8-13, 19-20
A	MITSUUCHI et al. Identification of a chromosome 3p14.3-21.1 gene, APPL, encoding an adaptor molecule that interacts with the oncoprotein-serine/threonine kinase AKT2. Oncogene. 1999, Vol. 18, pages 4891-4898, especially page 4892, Figure 1.	1-46
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
"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
"E"	earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
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/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 205-3230		Authorized officer <i>Telicia D. Roberts</i> for Janet L. Epps-Ford, Ph.D. Telephone No. 703-308-0196

INTERNATIONAL SEARCH REPORT

PCT/US02/27018

Continuation of B. FIELDS SEARCHED Item 3:

CAplus, PCTFULL, MEDLINE, BIOSIS, USPATFULL

**search terms: antisense or aptamer or triplex, or AS-ODN, or ribozyme or DNAzyme, APPL, adaptor protein containing a pleckstrin
homology domain, AKT2**