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(54) Title: CANCER-LINKED GENE AS TARGET FOR CHEMOTHERAPY

(57) Abstract: Cancer-linked gene sequences, and derived amino acid sequences, are disclosed along with processes for assaying potential antitumor agents based on their modulation of the expression of these cancer-linked genes. Also disclosed are antibodies that react with the disclosed polypeptides and methods of using the antibodies to treat cancerous conditions, such as by using the antibody to target cancerous cells in vivo for purposes of delivering therapeutic agents thereto. Also described are methods of diagnosing using the gene sequences.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/18400

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07H 21/04
 US CL : 435/6

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. : 435/6

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)
 SEQ ID NO 1 in nucleic acid databases

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2001/94629 A2 (AVALON PHARMACEUTICALS) 13 December 2001	36
---	(13.12.2001), especially pages 6-8.	-----
A		1-8
A,T,E	NCBI Entrez database nucleotide sequences, National Center for Biotechnology Information, National Library of Medicine, NIH (Bethesda, MD, USA) Accession number AL122643. TASHIKO et al. 'NEDO human cDNA sequencing project'.	-----
A,T,E	NCBI Entrez database nucleotide sequences, National Center for Biotechnology Information, National Library of Medicine, NIH (Bethesda, MD, USA) Accession number AK123759. TASHIRO et al. 'NEDO human cDNA sequencing project'. 09 September 2003.	1-8
A,P	MCBI Entrez database nucleotide sequences, National Center for Biotechnology Information, National Library of Medicine, NIH (Bethesda, MD, USA) Accession number AK075487. OTA et al. 'HRI human cDNA sequencing project'. 03 September 2003.	1-8

Further documents are listed in the continuation of Box C.

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* Special categories of cited documents:

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"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		

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