Title: NOVEL TUMOR SUPPRESSOR GENE AND COMPOSITIONS AND METHODS FOR MAKING AND USING THE SAME

Abstract: The present invention relates to the identification and cloning of ARTS1, a novel tumor suppressor gene. The invention further encompasses isolated proteins encoded by ARTS1, methods of making and using the same, methods of diagnosing the presence of, or predisposition for, a cancer associated with a defective ARTS1 gene or gene product, and methods of treating or preventing cancers associated with a defective ARTS1 gene or gene product.
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

PCT/US2006/012311

A. CLASSIFICATION OF SUBJECT MATTER

| INV. | C07K14/47 | C12Q1/68 | C12Q1/37 |

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)

| C07K | C12Q |

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>X</td>
<td>WO 2004/033659 A (THOMAS JEFFERSON UNIVERSITY, CROCE, CARLO, M; CALIN, GEORGE) 22 April 2004 (2004-04-22) the whole document</td>
<td>1-72</td>
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Further documents are listed in the continuation of Box C.

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Date of the actual completion of the international search 11 September 2006

Date of mailing of the international search report 02/10/2006

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL – 2280 HV Rijswijk
Tel: (+31-70) 540-3540, Tx: 31 651 epo nl
Fax: (+31-70) 340-3016

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SCHWACHTGEN, J

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