Title: MAP3Ks AS MODIFIER OF THE p53 PATHWAY AND METHODS OF USE

Abstract: Human MAP3K genes are identified as modulators of the p53 pathway, and thus are therapeutic targets for disorders associated with defective p53 function. Methods for identifying modulators of p53, comprising screening for agents that modulate the activity of MAP3K are provided.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 38/35; A61K 38/00
US CL : 435/4, 7.2; 516/12

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. : 435/4, 7.2; 516/12

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)

WEST; STN (file ca)
search terms: leucine nears zipper nears kinase, p53

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 5,676,945 A (REDDY ET AL) 14 October 1997 (14-10-97).</td>
<td>1-25</td>
</tr>
</tbody>
</table>

Date of the actual completion of the international search: 15 AUGUST 2002

Date of mailing of the international search report: 14 JAN 2003

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231
Facsimile No. (703) 305-3230

Authorized officer
SHEELA J. HUFF
Telephone No. (703) 305-0196

Form PCT/ISA/210 (second sheet) (July 1998)