Title: A HUMAN CYTOTOXIC T-LYMPHOCYTE EPITOPE AND ITS AGONIST EPITOPE FROM THE NON-VARIABLE NUMBER OF TANDEM REPEAT SEQUENCE OF MUC-1

Abstract: Novel MUC-1 epitopes outside the VNTR region are identified. In addition, the first agonist epitope of MUC-1 is described. The employment of agonist epitopes in peptide, protein and vector-based vaccine may well aid in the development of effective vaccines for a range of human cancers.
A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : G01 N 33/55, 33/567; c07 k 16/18, 7/64
   US CL : 435/7.2; 530/317, 388.25

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. : 435/7.2; 530/317, 388.25

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>1-78</td>
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Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search

06 February 2006 (06.02.2006)

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22 MAR 2007

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