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(54) Title: ISOLATED, SSX-2 AND SSX-2 RELATED PEPTIDES USEFUL AS HLA BINDERS AND CTL EPITOPES, AND USES THEREOF

(57) Abstract: The invention related to peptides which bind to HLA molecules and are reactive with T cells that also react with complexes of HLA-A2 molecules and the peptide of SEQ ID NO: 17. Various uses of the peptides are disclosed.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23306

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/00
 US CL : 514/15

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. : 514/15, 2; 424/277.1, 185.1, 193.1

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.
A	US 6,019,987 A (VAN DER BRUGGEN et al.) 01 February 2000 (01.02.2000), see entire document.	1-25
A	US 6,353,089 B1 (VAN DER BRUGGEN et al.) 05 March 2002 (05.03.2002), see entire document.	1-25
A	RUBIO-GODOY et al. Combinatorial Peptide Library-based Identification of Peptide Ligands for Tumor-Reactive Cytolytic T Lymphocytes of Unknown Specificity. Eur. J. Immunol. 2002, Vol. 32, No. 8, pages 2292-2299. See entire document.	1-25

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
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"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: 06 August 2004 (06.08.2004)
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INTERNATIONAL SEARCH REPORT

PCT/US03/23300

Continuation of B. FIELDS SEARCHED Item 3:
STN WEST BIOSIS MEDLINE
search terms: MHC, cytolytic T cell, lyse, HLA A2, complex