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(71) Applicant (for all designated States except US): **ARIZONA BOARD OF REGENTS ACTING FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY** [US/US]; AZTE, Skysong, Suite 200, 1475 N. Scottsdale Road, Scottsdale, Arizona 85257 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JOHNSTON, Stephen** [US/US]; 8606 S. Dorsey Lane, Tempe, Arizona 85284 (US). **DIEHNELT, Chris** [US/US]; 5633 S. Captain Kidd Ct. #B, Tempe, Arizona 85283 (US). **BELCHER, Paul** [GB/US]; 2205 N. 16th Avenue, Phoenix, Arizona 85007 (US). **ARNTZEN, Charles** [US/US]; 7686 E. Wilderness Trail, Gold Canyon, Arizona 85218 (US). **SUTHERLAND, Robert** [US/US]; 2310 E. Nakkard Ct., Gilbert, Arizona 85234 (US).

(74) Agent: **LEONE, George**; Citadel Patent Law, 9124 Gravelly Lake Drive SW, Suite 102, Lakewood, Washington 98499 (US).

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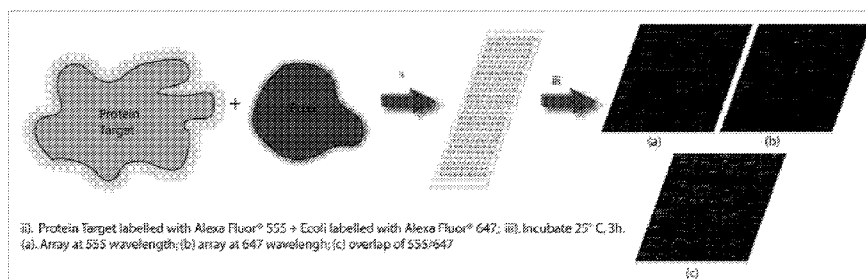


FIGURE 1

(57) Abstract: A method of solid phase selection of peptide ligands for target proteins is presented. 15-20mers or greater are addressed in a microarray, and the target protein and optional competitor bound thereto and binding compared. A specific signal for the target protein indicates that a peptide has strong affinity for the target. Ligands can be coupled to solid supports and used for affinity purification of the target proteins as well as detection and modulation of target proteins. Specific peptide ligands for immuno-purifying norovirus.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2010/056809**A. CLASSIFICATION OF SUBJECT MATTER****G01N 33/68(2006.01)i, C07K 4/00(2006.01)i, G01N 33/53(2006.01)i**

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)

G01N 33/68; G01N 33/00; A61K 38/00; C12Q 1/70; G01N 33/53; G01N 33/543; C12Q 1/68

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: peptide ligand

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	WO 2009-048870 A1 (BAYLOR COLLEGE OF MEDICINE et al.) 16 April 2009 See all the document.	26 1-25,27-29
X A	US 05834318 A (BUETTNER; JOSEPH A.) 10 November 1998 See all the document.	26 1-25,27-29
X A	EP 1360500 B1 (GENENCOR INTERNATIONAL, INC.) 13 January 2010 See all the document.	26 1-25,27-29
X A	US 2003-0211471 A1 (DAVID, J. HAMMOND et al.) 13 November 2003 See all the document.	26 1-25,27-29
X A	US 2005-0059038 A1 (STEVEN, P. ADAMS et al.) 17 March 2005 See all the document.	26 1-25,27-29



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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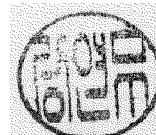
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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