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(71) Applicant (for all designated States except US): **THE UNIVERSITY OF WASHINGTON** [US/US]; UW Tech-Transfer-Invention Licensing, 4311 11th Avenue N.E., Suite 500, Campus Box 354990, Seattle, WA 98105-4608 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DONG, Chen** [CN/US]; 6516 46th Avenue NE, Seattle, WA 98195 (US). **PRASAD, Durbaka, V., R.** [IN/JP]; 101 Maple Apartment-A, 2-3-16 Aoshinke, Minoh City, Osaka 562-0024 (JP).

(74) Agents: **LOCKYER, Jean, M.** et al.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

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(54) Title: B7S1: AN IMMUNE MODULATOR

(57) Abstract: The invention provides B7S1 nucleic acid, B7S1 polypeptides, and antibodies that bind B7S1 polypeptides. B7S1 sequences can be used, e.g., to screen for modulators of B7S1 activity. Modulators, e.g., antibodies or small molecules, can be used for the treatment of disease that involve an immune response.

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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US04/19179

<p><b>A. CLASSIFICATION OF SUBJECT MATTER</b></p> <p>IPC(7) : A61K 38/17, 39/395; C07K 14/00; C12N 5/10, 15/00, 15/11; C12P 21/00, 21/08.                  US CL : 514/12, 44; 530/350, 387.1; 424/141.1; 536/23.5; 435/70.1, 320.1.</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>											
<p><b>B. FIELDS SEARCHED</b></p> <p>Minimum documentation searched (classification system followed by classification symbols)                  U.S. : 514/12, 44; 530/350, 387.1; 424/141.1; 536/23.5; 435/70.1, 320.1.</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)                  Sequence search by STIC; WEST, Dialog.</p>											
<p><b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b></p> <table border="1"> <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>X</td> <td>US Pat. Pub. No. 2003/0087250 (Monahan et al.) 08 May 2003; see entire document, in particular, e.g. SEQ ID NO:107 and paragraphs 0014 - 0064.</td> <td>1-54</td> </tr> <tr> <td>X</td> <td>US 6,468,546 (Mitcham et al.) 22 Oct. 2002; see entire document, in particular, e.g. columns 1 - 3.</td> <td>1-54</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US Pat. Pub. No. 2003/0087250 (Monahan et al.) 08 May 2003; see entire document, in particular, e.g. SEQ ID NO:107 and paragraphs 0014 - 0064.	1-54	X	US 6,468,546 (Mitcham et al.) 22 Oct. 2002; see entire document, in particular, e.g. columns 1 - 3.	1-54
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<p>Name and mailing address of the ISA/US</p> <p>Mail Stop PCT, Attn: ISA/US                  Commissioner for Patents                  P.O. Box 1450                  Alexandria, Virginia 22313-1450</p> <p>Facsimile No. (703) 305-3230</p>		<p>Authorized officer <i>Jamil Ouspenski</i></p> <p>Ilia Ouspenski</p> <p>Telephone No. 571-272-1600</p>									