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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: A METHOD FOR REGULATING IMMUNE FUNCTION IN PRIMATES USING THE FOXP3 PROTEIN

(57) Abstract: Isolated nucleic acid molecules are provided which encode Fkh<sup>sf</sup>, as well as mutant forms thereof. Also provided are expression vectors suitable for expressing such nucleic acid molecules, and host cells containing such expression vectors. Also provided are pharmaceutical compounds and methods of identifying such compounds that can modulate the immune system. In addition are provided methods for identifying proteins regulated by Scurfin and proteins that induce or inhibit Foxp3 expression.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/15897

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(7) : C12Q 1/68, 1/02; C07K 16/00, 17/00; A61K 38/00 39/395; C07H 21/04; A01K 43/04  
 US CL : 435/6, 7, 29; 530/388.1, 389.1, 300; 536/23.1; 424/130.1; 514/44  
 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. : 435/6, 7, 29; 530/388.1, 389.1, 300; 536/23.1; 424/130.1; 514/44

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

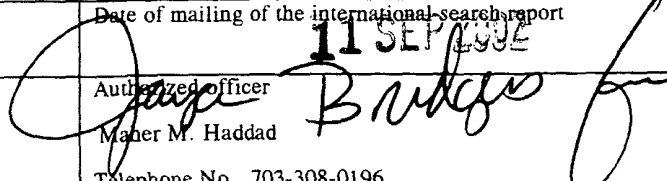
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Medline, West, STN

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/09693 A2 (DARWIN DISCOVERY LTD.) 24 February 2000, (24.02.2000) entire document.	1-22

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

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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
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"P" document published prior to the international filing date but later than the priority date claimed		

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