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(54) Title: METHODS AND COMPOSITIONS TO EVALUATE ANTIBODY TREATMENT RESPONSE

(57) Abstract: The present invention relates to methods and compositions to evaluate or assess the response of a subject to particular therapeutic treatment. More particularly, the invention provides methods to determine the response of subjects, or to adapt the treatment protocol of subjects treated with therapeutic antibodies. The invention is based on a determination of the FCGR3A genotype of a subject. The invention can be used for patients with malignancies, particularly lymphoma, and is suited to select best responders and/or adjust treatment condition or protocol for low responders.

INTERNATIONAL SEARCH REPORT

Internatio ication No
PCT/EP 02/11397

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

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)
IPC 7 C12Q

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 practical, search terms used)
EPO-Internal, BIOSIS, PAJ, WPI Data, LIFESCIENCES, CANCERLIT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 12848 A (UNIV LEEDS ;ISAACS JOHN DUDLEY (GB); MORGAN ANN WENDY (GB)) 22 February 2001 (2001-02-22) the whole document ---	1-3,5-15
A	COLOMBAT: "Rituximab (anti-CD20 monoclonal antibody) as first-line therapy of follicular lymphoma patients with low tumor burden: clinical and molecular evaluation" BLOOD, vol. 97, pages 101-106, XP002201492 the whole document --- -/--	1-19

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
8 April 2003	22/04/2003

Name and mailing address of the ISA	Authorized officer
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	CALTZ R ET AL: "ASSOCIATION OF FCGAMMA RIIIA-158F ALLELE WITH RHEUMATOID ARTHRITIS" ARTHRITIS AND RHEUMATISM, LIPPINCOTT, PHILADELPHIA, US, vol. 42, September 1999 (1999-09), page S245 XP000990708 ISSN: 0004-3591 the whole document ---	1-19
A	LEPPERS-VAN DE STRAAT F G J ET AL: "A novel PCR-based method for direct Fcgamma receptor IIIa (CD16) allotyping" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 242, no. 1-2, 28 August 2000 (2000-08-28), pages 127-132, XP004210716 ISSN: 0022-1759 cited in the application the whole document -----	1-19

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0112848 A	22-02-2001	AU 6580200 A	13-03-2001
		WO 0112848 A2	22-02-2001