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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: METHODS AND COMPOSITIONS FOR CATEGORIZING PATIENTS

(57) Abstract: The disclosure provides, among other things, molecular markers for categorizing the neoplastic state of a patient, methods for using the molecular markers in diagnostic tests, nucleic acid and amino acid sequences related to the molecular markers, reagents for detection of molecular markers, and methods for identifying candidate molecular markers in highly parallel gene expression data.



WO 2004/018647 A3

INTERNATIONAL SEARCH REPORT

In

PCT/US03/27085

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/574; C07K 16/30

US CL : 435/7.23; 530/388.8, 391.3

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. : 435/7.23; 530/388.8, 391.3

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: ColoUp1; ColoUp2

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SRIVASTAVA S, et al. Biomarkers for early detection of colon cancer. Clinical Cancer Research. May 2001, Vol. 7. pages 1118-1126; see entire document.	1, 12-20, 23, 24, 31-43, 75, 84-91, 95-108, and 110

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B" 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

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12 SEP 2005

Name and mailing address of the ISA/US

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INTERNATIONAL SEARCH REPORT

PCT/US03/27083

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claim Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☒ Claim Nos.: 2-11,21,22,25-30,44-74,76-83,92-94,109 and 111-122
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
Claims 2-11,21,22,25-30,44-74,76-83,92-94,109 and 111-122 are not searchable because a nucleotide and/or amino acid sequence listing in written form and computer-readable form has not been furnished.

3. ☐ Claim Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.