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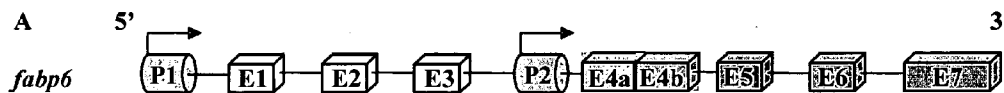
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(54) Title: COMPOSITIONS AND METHODS FOR TREATMENT OF COLORECTAL CANCER

Fig. 1



(57) Abstract: We have identified a new variant of ileal bile acid binding protein (IBABP), designated IBABP-L, which is a biomarker for colorectal cancer. The transcript for IBABP-L arises from an alternative start site and includes three exons that are absent in IBABP. IBABP-L also shares part of a fourth exon with IBABP. The protein encoded by IBABP-L contains a deduced 49 residue N-terminal sequence that is not found in the IBABP protein. The present invention provides, for example, compositions and methods for diagnosing and treating colorectal cancer.



WO 2008/088836 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US08/00590

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **A61K 31/70(2006.01)**

USPC: **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. : 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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0265230 A1 (MARTINEZ et al.) 30 December 2004 (30.12.2004), see entire document.	1, 11-38
Y	US 2004/0259247 A1 (TUSCHL et al.) 23 December 2004 (23.12.2004), see entire document.	1, 11-38
Y	WACHECK et al. Small Interfering RNA Targeting Bcl-2 Sensitizes Malignant Melanoma. Oligonucleotides 2003, Vol. 13, pages 393-400, see entire document.	1, 11-38
Y	DE GOTTARDI et al. The Bile Acid Nuclear Receptor FXR and the Bile Acid Binding Protein IBABP Are Differently Expressed in Colon Cancer. Dig. Dis. Sci. June 2004, Vol. 49, pages 982-989.	1, 11-38

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
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer <i>Louis Wollenberger</i> /Louis Wollenberger/ Telephone No. 571-272-8144

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Continuation of B. FIELDS SEARCHED Item 3:

EAST (foreign and domestic patent literature), Medline, Caplus, Biosis, Embase, GenBank: IBABP-L, IBABP, ileal bile acid binding protein, alternative transcription start site, fatty acid binding protein