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(54) Title: METHODS AND COMPOSITIONS RELATED TO QUANTITATIVE ARRAY BASED METHYLATION ANALYSIS

(57) Abstract: Disclosed are compositions and a method for detection of methylation based on quantitative arrays.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C12Q 1/68 (2009.01)

USPC - 435/6

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)
USPC -- 435/6

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)
WEST -- PGPB,USPT,USOC,EPAB,JPAB; Dialog Classic Files ? 654, 652, 351, 349, 315, 6, 35, 65, 155; USPTO Web Page; Google Scholar; PCT Patentscope; Entrez Pubmed; Search terms -- nucleic acid methylation, methyl binding domain protein, probe arrays, DNA arrays, methylCpG, kits, fluorescence quenching, His tags, cancer prognosis/treatment, symmetric a

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 2007/0161029 A1 (LI et al.) 12 July 2007 (12.07.2007) para [0002], [0019]-[0021], [0023], [0024], [0027], [0029]-[0031], [0032], [0034], [0042], [0047], [0056], [0077], [0079], [0080], [0082] [0083], [0085], [0095], [0102], [0180], [0154], [0173], [0228], Fig 3	1, 3, 6-9, 16-19, 21, 22 ----- 2, 4, 5, 10-15, 20, 23-28
Y	WO 2007/081791 A2 (NELSON et al.) 19 July 2007 (19.07.2007) para [0008], [0010], [0018], [0027], [0053], [0054], [0056], [0092], [0097], Fig 2	2, 11, 23, 26
Y	HENDRICH, B., et al. Identification and Characterization of a Family of Mammalian Methyl-CpG Binding Proteins. Molecular and Cellular Biology, November 1998, Vol. 18, No. 11, pages 6538-6547; pg 6538, abstract, col 2, para 2; pg 6542, col 1, para 2, col 2, para 1; Fig 4; pg 6544, col 1, para 1, Fig 5	4, 5, 10, 13-15, 24-28
Y	US 2003/0162237 A1 (GRIFFITHS) 28 August 2003 (28.08.2003) para [0033], [0352]	12
Y	US 2007/0264653 A1 (BERLIN et al.) 15 November 2007 (15.11.2007) para [0036], [0045]	20

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

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