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- (71) **Applicant:** **CLINICAL GENOMICS PTY LTD**
[AU/AU]; Riverside Life Sciences Building, 11 Julius Avenue, North Ryde, New South Wales 2113 (AU).
- (72) **Inventors:** **PEDERSEN, Susanne**; 30 Michael Street, North Ryde, New South Wales 2113 (AU). **BAKER, Rohan**; 24 Old Barrenjoye Road, Avalon Beach, New South Wales 2107 (AU).
- (74) **Agent:** **WATERMARK PATENT & TRADE MARKS ATTORNEYS**; Level 2/302 Burwood Road, Hawthorn, Victoria 3122 (AU).
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(54) **Title:** METHOD FOR METHYLATION ANALYSIS

(57) **Abstract:** The present invention relates generally to a method for assessing nucleic acid methylation, in particular DNA and RNA methylation. More particularly, the present invention relates to a method of either qualitatively or quantitatively assessing, with improved sensitivity, the cytosine methylation of partially methylated DNA or RNA. The method of the present invention is useful in a range of applications including, but not limited to, the diagnosis of conditions or monitoring of developmental phenotypes which are characterised by DNA or RNA methylation changes.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2015/050297

A. CLASSIFICATION OF SUBJECT MATTER

C12Q 1/68 (2006.01) G01N 33/48 (2006.01)

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)

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)

WPIAP, EPODOC, TXPEA, TXPEB, TXPEC, TXPEE, TXPEF, TXPEH, TXPEI, TXPEP, TXPEPEA, TXPES, TXPUSE0A, TXPUSE1A, TXPUSEA, TXPUSEB, TXPW0EA, MEDLINE, HCA, BIOSIS, ESPACENET, PUBMED, GOOGLE, GOOGLE SCHOLAR, GENOMEQUEST (methylation, CpG, primer, probe, PCR, amplify, consensus, degenerate, promiscuous, multiple, plurality, set, partial, variation, IKZF1, Ikaros and like terms; Applicant/Inventor; SEQ ID No's 1-78; CPC - C12Q1/686, C12Q2600/154, C12Q1/6886, C12Q2525/10, C12Q2525/15)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Documents are listed in the continuation of Box C		

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

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"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 14 January 2016	Date of mailing of the international search report 14 January 2016
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaaustralia.gov.au	Authorised officer James Alderman AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No. 0399359613

INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/AU2015/050297
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2015/050297

This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document/s Cited in Search Report		Patent Family Member/s	
Publication Number	Publication Date	Publication Number	Publication Date
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Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/AU2015/050297

This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document/s Cited in Search Report		Patent Family Member/s	
Publication Number	Publication Date	Publication Number	Publication Date
WO 2015/014759 A1	05 February 2015	WO 2015014759 A1	05 Feb 2015
		US 2015141256 A1	21 May 2015

End of Annex

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

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