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6 February 2014

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(54) **Title**: COMPLEX RNA COMPOSITION OF BODILY FLUIDS

(57) **Abstract**: Determination of the level and identity of various RNA molecules in circulation or tissues of subjects permits determination of microbiome composition and function of the subject as well as providing an index to health of various organs. Because rapid parallel sequencing techniques are available, such determinations can be conducted on a practical level.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C12Q1/68 G06F19/18
ADD.

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)
C12Q G06F

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)
EPO-Internal, BIOSIS, CHEM ABS Data, Sequence Search, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHOW T F F ET AL: "Differential expression profiling of microRNAs and their potential involvement in renal cell carcinoma pathogenesis", CLINICAL BIOCHEMISTRY, ELSEVIER INC, US, CA, vol. 43, no. 1-2, 1 January 2010 (2010-01-01), pages 150-158, XP026821802, ISSN: 0009-9120 [retrieved on 2009-07-29] page 151, "Material and methods" - page 152 ----- -/--	1-8

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

[X] See patent family annex.

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"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Hennard, Christophe

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International application No
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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.
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X	WO 2012/025709 A1 (SISTEMIC UK [GB]; O'BRIEN VINCENT [GB]; HILLIER CHRIS [GB]) 1 March 2012 (2012-03-01) page 3,line 23 - page 5,line 22; page 7, line 11 - page 8, line 2; page 21, line 19 - page 22, line 6	1-7
X	WO 2008/076696 A2 (UNIV ST LOUIS [US]; TURNBAUGH PETER J [US]; LEY RUTH E [US]; MAHOWALD) 26 June 2008 (2008-06-26) claims; examples; page 15, [0035]; page 29, [0068] -; page 52, [0093] - page 54, [0098]	1-8, 10-15
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X,P	WO 2012/122522 A2 (UNIV WASHINGTON [US]; GORDON JEFFREY I [US]; FAITH JEREMIAH J [US]; MC) 13 September 2012 (2012-09-13) examples	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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