Title: GENETIC MARKERS OF TRUE LOW BIRTH WEIGHT

Abstract: The present application provides for a method of diagnosing TLBW via measurement of expression of various TLBW-related genes. The present application also provides kits for the diagnosis of TLBW in a subject. The present application also provides a method for determining the basis for appropriate therapy for a subject suffering from TLBW.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8)-C12Q 1/68 (2007.01)
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
USPC - 435/69.1; 340/670.17, 600/300 (text search—see terms below).

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST(USPT,PGBP,EPAB,JIPA); Dialog(EMBASE); Google Scholar

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 6,733,967 B1 (KORMAN et al) 11 May 2004 (11.05.2004), paragraphs [0008], [0015], [0055], [0059], [100], and [124] to [126].</td>
<td>2-6, 10, 12-16</td>
</tr>
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<td>Y</td>
<td>RUTLAND et al. Induction of Intrauterine Growth Restriction by Reducing Placental Vascular Growth with the Angiogenic Inhibitor TNP-470 BIOLOGY OF REPRODUCTION Published online before print 3 August 2005, 73(8): 1164-1173; pg 1171 col 2</td>
<td>14</td>
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</tbody>
</table>

Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search
10 March 2007 (10.03.2007)

Date of mailing of the international search report
21 FEB 2008

Name and mailing address of the ISA/US
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Form PCT/ISA/210 (second sheet) (April 2005)