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(71) Applicant (for all designated States except US): **FOX CHASE CANCER CENTER** [US/US]; Office Of Corporate Alliances, 610 Old York Road, 4th Floor, Room 403, Jenkintown, PA 19046 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RUSO, Jose** [US/US]; 1211 School Lane, Rydal, PA 19046 (US). **RUSO, Irma, H.** [US/US]; 1211 School Lane, Rydal, PA 19046 (US).

(74) Agents: **DORFMAN, John, C.** et al.; Dann, Dorfman, Herrell & Skillman, 1601 Market Street, Suite 2400, Philadelphia, PA 19103-2307 (US).

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(54) Title: IDENTIFICATION AND CHARACTERIZATION OF PREGNANCY- ASSOCIATED GENETIC SIGNATURES AND USE THEREOF FOR DIAGNOSIS AND TREATMENT OF BREAST CANCER

(57) Abstract: Compositions and methods for the diagnosis and treatment of breast cancer are provided.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 09/30031

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C12Q 1/68, C40B 30/00 (2009.01)

USPC - 435/6, 506/16; 530/300, 530/350

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)

IPC(8): C12Q 1/68, C40B 30/00 (2009.01)

USPC: 435/6, 506/16; 530/300, 530/350

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
436/94, 436/86; 536/24.3, 536/24.5

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO--Chemical Engineering and Biotechnology Abstracts, INSPEC, NTIS (National Technical Information Service), PASCAL, Current Contents Search, MEDLINE

Search Terms: signature, expression profile, breast cancer, parous women, cancer risk, agent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	RUSO et al., Full-term Pregnancy Induces a Specific Genomic Signature in the Human Breast, Cancer Epidemiol Biomarkers Prev, 1 January 2008, Vol 17, No 1 pg 51-66; Abstract, pg 51, col 1, ln 14; pg 53, para 3, ln 3-4; pg 56-59; pg 62, col 1, ln 19; pg 64, col 1, para 2, ln 4-6, 18, 24; pg 64, col 2, para 2, ln 1-3, 11-14, 17-18.	1-4, 9
Y		5-8, 10
Y	US 2003/0064385 A1 (DRESSMAN et al.) 3 April 2003 (03.04.2003), para [0026] [0032], [0104], [0230], [0256], claim 33.	5-8
Y	US 2003/0186296 A1 (FODOR et al.) 02 October 2003 (02.10.2003), para [0025], [0026], [0027] [0653].	10

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Facsimile No. 571-273-3201

Authorized officer:

Lee W. Young

PCT Helpdesk: 571-272-4300

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