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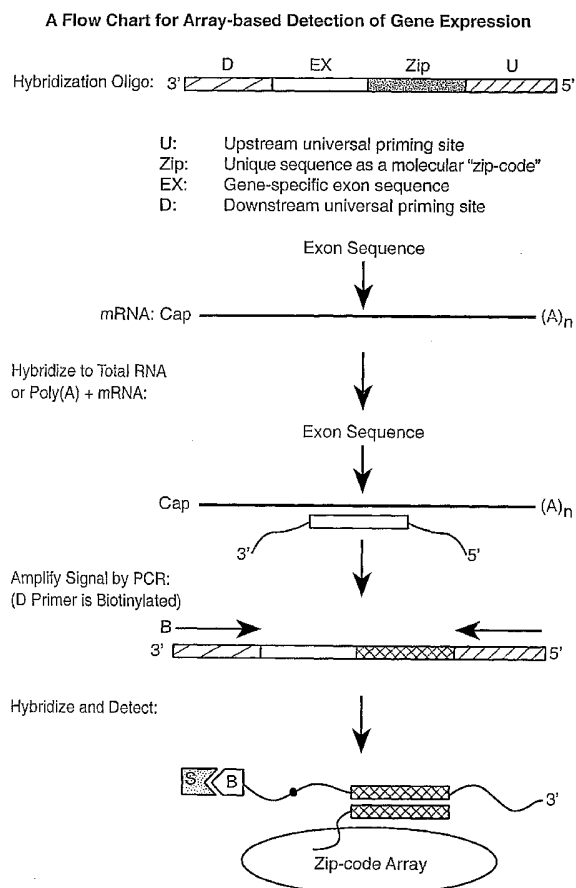
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[Continued on next page]

(54) Title: NUCLEIC ACID DETECTION METHODS USING UNIVERSAL PRIMING



(57) Abstract: The present invention is directed to providing sensitive and accurate assays for gene detection, genome-wide gene expression profiling and alternative splice monitoring with a minimum or absence of target-specific amplification.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24963

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12P 19/34

US CL : 435/91.2

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)

U.S. : 435/6, 91.1, 91.2, 91.51, 183, 436/94, 536/23.1, 24.3, 24.33, 25.3

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)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,355,431 B1 (CHEE et al) 12 March 2002 (12.03.2002), see whole document, especially see columns 6, 7, 9, 18, 22, 31, and 62 and Figures 7A to 7F.	1-24
Y	US 6,291,166 B1 (GERDES et al) 18 September 2001 (18.09.2001), see whole document, especially column 13.	1-24
Y	BOGUSZEWSKI et al. Cloning of two novel growth hormone transcripts expressed in human placenta. Journal of Clinical Endocrinology and Medicine, 1998, Vol. 83, No. 8, pages 2878-2885, especially pages 2878, 2881, Table 1 and Figure 2.	1-24



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

01 October 2004 (01.10.2004)

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09 MAY 2006
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INTERNATIONAL SEARCH REPORT

Continuation of B. FIELDS SEARCHED Item 3:

STN AND EAST

Search Terms: poly(A), universal priming site, poly(T), ligate or ligation, hybridize or hybridization, amplify or amplification, denature or denaturation, dissociate or dissociation, biotin, and magnetic beads