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ning of each regular issue of the PCT Gazette.*

(54) Title: AN ISOLATED POLYNUCLEOTIDE ASSOCIATED WITH TYPE II DIABETES MELLITUS AND METHODS OF  
USE THEREOF

(57) Abstract: The present invention provides isolated polynucleotides that include sequences from a region of human chromosome  
20q between D20S119 and D20S195. The polynucleotides include polymorphisms associated with Type II diabetes and are useful  
as probes in screening for Type II diabetes. The invention further provides methods of detecting polymorphisms on chromosome  
20q between D20S119 and D20S195, and methods of detecting a propensity to develop Type II diabetes, using the isolated polynu-  
cleotides of the invention.



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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/35455

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : C07H 21/04; C12Q 1/68

US CL : 435/6; 536/23.1

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; 536/23.1

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)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,474,796 A (BRENNAN) 12 December 1995 (12.12.1995), see column 9.	7-9
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Y		14



Further documents are listed in the continuation of Box C.



See patent family annex.

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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

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document member of the same patent family

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