



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 78 3758
shall be considered, for the purposes of subsequent
proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 01/60860 A (MILLENNIUM PREDICTIVE MEDICINE, INC) 23 August 2001 (2001-08-23) * abstract * -& DATABASE EMBL [Online] 30 January 2004 (2004-01-30), "Sequence 23212 from Patent W00160860." XP002347506 retrieved from EBI accession no. EM_PAT:CQ491345 Database accession no. CQ491345 -& DATABASE EMBL [Online] 30 January 2004 (2004-01-30), "Sequence 29083 from Patent W00160860." XP002347507 retrieved from EBI accession no. EM_PAT:CQ497216 Database accession no. CQ497216 -----	2,4	C12N15/51 C12N5/10 C12N1/15 C12N1/19 C12N1/21 C07K14/005 C07K16/08 C12P21/02 G01N33/53
X	EP 1 033 401 A (SERONO GENETICS INSTITUTE S.A; GENSET) 6 September 2000 (2000-09-06) * abstract * ----- -/--	2,4	TECHNICAL FIELDS SEARCHED (Int.Cl.7) C07K
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 30 September 2005	Examiner Pilat, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.02 (P04C20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	-& DATABASE EMBL [Online] 17 December 2003 (2003-12-17), "Sequence 10894 from Patent EP1033401." XP002347508 retrieved from EBI accession no. EM_PAT:AX895031 Database accession no. AX895031 -----	2,4	
	DATABASE EMBL [Online] 8 May 2000 (2000-05-08), "Human DNA sequence from clone RP11-435011 on chromosome 10 Contains the EIF3S10 gene for eukaryotic translation initiation factor 3, subunit 10 theta, 150/170kDa, the gene for a novel protein similar to uncharacterized hypothalamus protein HT011, the 3' end of a novel gene and three CpG islands." XP002347509 retrieved from EBI accession no. EM_HUM:AL355598 Database accession no. AL355598 * abstract *		TECHNICAL FIELDS SEARCHED (Int.Cl.7)
X	----- DATABASE EMBL [Online] 23 March 2000 (2000-03-23), "Homo sapiens clone RP11-207G3, WORKING DRAFT SEQUENCE, 33 unordered pieces." XP002347510 retrieved from EBI accession no. EM_HTG:AC026587 Database accession no. AC026587 * abstract *	2,4	
	----- -/--		



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	DATABASE EMBL [Online] 20 October 2001 (2001-10-20), "Mus musculus 10 days neonate cortex cDNA, RIKEN full-length enriched library, clone:A830012B05, 5' end partial sequence." XP002347511 retrieved from EBI accession no. EM_EST:BB641222 Database accession no. BB641222 * abstract *	2,4	
X	----- DATABASE EMBL [Online] 21 October 2001 (2001-10-21), "Mus musculus 0 day neonate lung cDNA, RIKEN full-length enriched library, clone:E030046K17, 5' end partial sequence." XP002347512 retrieved from EBI accession no. EM_EST:BB664578 Database accession no. BB664578 * abstract *	2,4	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
X	----- DATABASE EMBL [Online] 2 February 1997 (1997-02-02), "Human p167 mRNA, complete cds." XP002347513 retrieved from EBI accession no. EM_HUM:HSU58046 Database accession no. HSU58046 * abstract *	2,4	
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	DATABASE EMBL [Online] 15 October 1997 (1997-10-15), "Human translation initiation factor 3 large subunit mRNA, complete cds." XP002347514 retrieved from EBI accession no. EM_HUM:U78311 Database accession no. U78311 * abstract *	2,4	
P,X	----- TUVENDORJ DEMIDMAA ET AL: "Non-B non-C chronic liver diseases and a lambda gt11 clone 61" MEDICAL JOURNAL OF KAGOSHIMA UNIVERSITY, vol. 53, no. 4, February 2002 (2002-02), pages 45-50, XP009054817 ISSN: 0368-5063 * the whole document *	1-21	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
E	----- WO 2004/038028 A (F. HOFFMANN-LA ROCHE AG; ROCHE DIAGNOSTICS GMBH; ARIMA, TERUKATSU; ISH) 6 May 2004 (2004-05-06) * the whole document *	1-21	
E	----- WO 03/068810 A (F. HOFFMANN-LA ROCHE AG; ROCHE DIAGNOSTICS GMBH; ARIMA, TERUKATSU; ISH) 21 August 2003 (2003-08-21) * the whole document *	1-21	



Claim(s) searched incompletely:
2,6,14,16-18

Reason for the limitation of the search:

Present claims 2, 6 relate to a compound which has a given desired property or effect, namely encoding or being a polypeptide having the immunodiagnostic utility of the polypeptide as defined in SEQ ID N°1. However, the description does provide support and disclosure in the sense of Article 84 and 83 EPC for only a very limited number of such compounds having the said property or effect and there is no common general knowledge of this kind available to the person skilled in the art. This non-compliance with the substantive provisions is to such an extent, that a meaningful

search of the whole claimed subject-matter of the claim could not be carried out (Rule 45 EPC and Guidelines B-VIII, 3).

The search of claim 2, 6 was consequently restricted to the specifically disclosed compound having SEQ ID N°1, 2 and the desired property or effect. The same clarity problem applies to the process for preparing said compound, to the diagnostic method using it and to the vaccine composition including it as claimed in claims 14, 16-18.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 78 3758

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-09-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0160860 A	23-08-2001	AU 4154101 A	27-08-2001
EP 1033401 A	06-09-2000	CA 2296792 A1	26-08-2000
		JP 2001269182 A	02-10-2001
WO 2004038028 A	06-05-2004	AU 2002351795 A1	13-05-2004
WO 03068810 A	21-08-2003	AU 2002349383 A1	04-09-2003
		AU 2003208851 A1	04-09-2003
		EP 1536013 A1	01-06-2005
		WO 03068973 A1	21-08-2003

专利名称(译)	用于诊断由此编码的肝炎和多肽的DNA序列		
公开(公告)号	EP1536013A4	公开(公告)日	2005-11-30
申请号	EP2002783758	申请日	2002-12-03
[标]申请(专利权)人(译)	ARIMA TERUKATSU		
申请(专利权)人(译)	ARIMA , TERUKATSU		
当前申请(专利权)人(译)	ARIMA , TERUKATSU		
[标]发明人	ARIMA TERUKATSU ISHIBASHI KAZUAKI WANG HONG		
发明人	ARIMA, TERUKATSU ISHIBASHI, KAZUAKI WANG, HONG		
IPC分类号	A61K38/00 C07K14/18 C12N1/15 C12N1/19 C12N1/21 C12N15/51 C07K14/005 C07K16/08 C12N5/10 C12P21/02 G01N33/53		
CPC分类号	C07K14/005 A61K38/00 C12N2770/24222		
优先权	2002035161 2002-02-13 JP		
其他公开文献	EP1536013A1		
外部链接	Espacenet		

摘要(译)

已分离出一种新的cDNA克隆K，其特征是编码某些慢性非B非C非丙型肝炎或急性非A非B非C非丙型肝炎患者血清中抗体识别的先前未知的多肽抗原。D非E非G（NA-G）肝炎。据披露，与患者血清中抗K多肽抗体相关的肝炎已在全球范围内传播，将需要对捐献的血液进行抗体测试以防止疾病的血液传播。核酸序列在甲型肝炎病毒（HAV），乙型肝炎病毒（HBV），丙型肝炎病毒（HCV），丁型肝炎病毒（HDV），戊型肝炎病毒（HEV）和丙型肝炎病毒的基因组中不存在（HGV）。人类基因组中所代表的核酸序列也不是。数据表明，对应于克隆K的RNA序列包含在HAV，HBV，HCV，HDV，HEV和HGV以外的外部感染因子的基因组中，因此可能代表了其他病原体或促成因素 患者中NA-G肝炎的发生所述K-核苷酸和相应的多肽及其各自的变体可用于针对NA-G肝炎的预防，诊断和治疗的多种程序中。

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INCOMPLETE SEARCH The Search Division considers that the present application, or some or all of its claims, <u>deserve</u> not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following reasons: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 30 September 2005	Searcher Pilat, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background C : non-written disclosure P : intermediate document I : theory or principle underlying the invention A : earlier patent document, not published yet, or after the filing date D : document cited in the application L : document cited for other reasons R : member of the same patent family, corresponding document			