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(57) Abstract

Disclosed is an isolated and purified feline immunodeficiency virus (FIV) culture having the identifying characteristics of FIV isolate NCSU₁. A biologically pure culture of host cells containing an FIV having the identifying characteristics of FIV isolate NCSU₁ is also disclosed, along with isolated and purified DNA coding for (a) an FIV having the identifying characteristics of FIV isolate NCSU₁, or (b) an antigenic fragment of an FIV having the identifying characteristics of FIV isolate NCSU₁. Various vaccine formulations containing active agents derived from the foregoing FIV virus, DNA encoding the virus, and DNA encoding antigenic fragments of the virus are also disclosed herein. Also disclosed are immunodeficient mice containing feline tissue, which feline tissue is capable of infection with a feline immunodeficiency virus such as (but not limited to) FIV isolate NCSU₁.

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INTERNATIONAL SEARCH REPORT

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)								
C. DOCUM	IENTS CONSIDERED TO BE RELEVANT							
Category *	Citation of document, with indication, where appropriate, of the re-	elevant passages	Relevant to claim No.					
X	JOURNAL OF THE AMERICAN VETERINAR ASSOCIATION, vol.199, no.10, 15 November 1991 pages 1311 - 1315 MARY B. TOMPKINS ET AL. 'Early exthe immunopathogenesis of feline retrovirus infection' see page 1312, right column, para	vents in	1,2,10,					
Further documents are listed in the continuation of box C. Patent family members are listed in annex.								
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Date of the	actual completion of the international search	Date of mailing of the international se	arch report					
6	February 1995	15.02.95						
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+ 31-70) 340-3016		Authorized officer Montero Lopez, B						

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C.(Continua Category °	tion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
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