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B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) USPC- 424/206.1; 424/218.1; 424/199.1			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC- 424/186.1; 435/325; 435/456; 435/235.1; 435/366 (text search)			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWest((PGPB, USPT, JPAB, EPAB); Google Scholar: flavivirus, chimeric, Japanese encephalitis virus (JE), E protein or envelope protein, structural model, FG loop, KL loop			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
WO 2006/116182 A1 (PUGACHEV et al.) 2 Nov 2006 (02.11.2006); pg 6 ln 11-12, pg 7 ln 9-12,		1-5, 27	
Pg 22 in 5-7, pg 22 in 22-26		13-14, 20-22	
x		24-25	
US 6,309,650 B1 (KIM et al.) 30 Oct 2001 (30.10.2001	); col 5 ln 23-26, col 8 ln 13-21		
Y		20-22	
	WU et al. Structural Basis of a Flavivirus Recognized by Its Neutralizing Antibody. J Biol Chem 14 Nov 2003, 278(46):46007-46013; pg 278 right col para 2		
Y / BONALDO et al. Attenuation of Recombinant Yellow F. Protein Epitopes at the Surface. J Virology Jul 2005, 79		14	
Y  MANDL et al. Antigenic Structure of the Flavivirus Envelope Protein E at the Molecular Level, Using Tick-Borne Encephalitis Virus as a Model. J Virol Feb 1989, 63(2):564-571; pg 567 right col para 2		14	
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Further documents are listed in the continuation of Box C.			
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"P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed			
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Name and mailing address of the ISA/US Authorized officer:			
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## INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 08/01309

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)	
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:		
	ns Nos.: use they relate to subject matter not required to be searched by this Authority, namely:	
becau	ns Nos.: use they relate to parts of the international application that do not comply with the prescribed requirements to such an it that no meaningful international search can be carried out, specifically:	
	ns Nos.: 6-12, 15-19, 23, 26 use they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).	
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	
This Internation	nal Searching Authority found multiple inventions in this international application, as follows:	
1. As al claim	I required additional search fees were timely paid by the applicant, this international search report covers all searchable as.	
	I searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of ional fees.	
	nly some of the required additional search fees were timely paid by the applicant, this international search report covers those claims for which fees were paid, specifically claims Nos.:	
	equired additional search fees were timely paid by the applicant. Consequently, this international search report is cited to the invention first mentioned in the claims; it is covered by claims Nos.:	
Remark on Pro	The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.  The additional search fees were accompanied by the applicant's protest but the applicable protest	
	fee was not paid within the time limit specified in the invitation.  No protest accompanied the payment of additional search fees.	