

Additional Table. Summary of the insect-specific flaviviruses documented in mainland China

Detected virus	Collect date	Collect location	Host	Strain	GenBank ID			Reference
					ORF	E	NS5	
CxFV	Aug-2006	Dongming, Shandong Province	<i>Culex pipiens</i>	SDDM06-11	JQ518484			Wang <i>et al.</i> , 2012 [1]
YNCxFV	Jul-2009	Lushui, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	LSFlaviV-A20-09	KC464457			
YNCxFV	Jun-2009	Nanjian, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-NJ6-09			KC510663	
YNCxFV	Jun-2009	Nanjian, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-NJ5-09			KC510664	
YNCxFV	Jun-2009	Zhenyuan, Yunnan Province	<i>Anopheles sinensis</i>	YNCxFV-A125-09			KC510665	
YNCxFV	Jun-2009	Heqing, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-A118-09			KC510666	
YNCxFV	Aug-2009	Malipo, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-A55-09			KC510668	Zuo <i>et al.</i> , 2014 [2]
YNCxFV	Jul-2009	Mengla, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-A50-09			KC510669	
YNCxFV	Jun-2009	Lushui, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-A11-09			KC510670	
YNCxFV	Jul-2009	Lushui, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-A12-09			KC510671	
YNCxFV	Jul-2009	Lushui, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-A26--09			KC510672	
YNCxFV	Jun-2009	Ninger, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	YNCxFV-A39-09			KC510673	
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-02				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-03				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-12				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-17				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-19				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-20				Liang <i>et al.</i> , 2015 [3]
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-26				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-28				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-36				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-37				
CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-41				

CxFV	Jul-2004	Tanghe, Henan Province	<i>Cx. spp.</i>	HNTH04-42	
CxFV	Aug-2009	Jiaozhou, Shandong Province	<i>Cx. pipiens</i>	SDJZ09-1	
CxFV	Aug-2009	Longkou, Shandong Province	<i>Anopheles sinensis</i>	SDLK09-24	
CxFV	Aug-2012	Rizhao, Shandong Province	<i>Cx. pipiens</i>	SDRZ12-40	
CxFV	Aug-2012	Rizhao, Shandong Province	<i>Cx. pipiens</i>	SDRZ12-44	
CxFV	Aug-2012	Rizhao, Shandong Province	<i>Cx. pipiens</i>	SDRZ12-50	
CxFV	Aug-2012	Rizhao, Shandong Province	<i>Cx. pipiens</i>	SDRZ12-66	
CxFV	Aug-2012	Junan, Shandong Province	<i>Cx.. tritaeniorhynchus</i>	SDJN12-05	
CxFV	Aug-2012	Junan, Shandong Province	<i>Cx. pipiens</i>	SDJN12-19	
CxFV	Aug-2012	Junan, Shandong Province	<i>Cx.. tritaeniorhynchus</i>	SDJN12-10	Liang <i>et al.</i> , 2015 [3]
CxFV	Aug-2012	Weishan, Shandong Province	<i>Cx.. tritaeniorhynchus</i>	SDJN12-04	
CxFV	Jul-2012	Yanan, Shanxi Province	<i>Cx. pipiens</i>	SXYA12-27-2	
CxFV	Jul-2012	Yanan, Shanxi Province	<i>Cx. pipiens</i>	SXYA12-27-4	
CxFV	Jul-2012	Yanan, Shanxi Province	<i>An. sinensis</i>	SXYA12-27-8	
CxFV	Jul-2012	Yanan, Shanxi Province	<i>Cx. pipiens</i>	SXYA12-28-4	
CxFV	Jul-2012	Yanan, Shanxi Province	<i>Cx. pipiens</i>	SXYA12-28-6	
CxFV	Jul-2012	Yanan, Shanxi Province	<i>Cx. pipiens</i>	SXYA12-28-8	
CxFV	Jul-2012	Yanan, Shanxi Province	<i>Cx. pipiens</i>	SXYA12-28-10	
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-21	
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-38	
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-41	
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-169	
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-170	Zha <i>et al.</i> , 2012 [4]
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-171	
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-172	
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-173	

CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-174		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-175		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-176		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-177		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-178		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-179		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-180		Zha <i>et al.</i> , 2012 [4]
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-181		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-182		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-183		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-184		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-185		
CxFV	Aug-2011	Gansu Province	<i>Cx. pipiens</i>	GS11-186		
CxFV	Sep-2011	Dandong, Liaoning Province	<i>Cx. pipiens</i>	DG1	JQ065883	JQ409188
CxFV	Sep-2011	Dandong, Liaoning Province	<i>Cx. pipiens</i>	DG2	JQ065882	JQ409186
CxFV	Sep-2011	Dandong, Liaoning Province	<i>Cx. pipiens</i>	DG3	JQ065881	JQ409187
CxFV	Sep-2011	Dandong, Liaoning Province	<i>Cx. pipiens</i>	DG5	JQ065879	JQ409191
CxFV	Sep-2011	Dandong, Liaoning Province	<i>Cx. pipiens</i>	DG6	JQ065877	JQ409189
CxFV	Sep-2011	Dandong, Liaoning Province	<i>Cx. pipiens</i>	DG7	JQ065878	JQ409190
QBV	Jul-2012	Menghai, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	BNDL1205		
QBV	Jul-2012	Menghai, Yunnan Province	<i>Cx. tritaeniorhynchus</i>	BNDL1227		Feng <i>et al.</i> , 2014 [6]

YNCxFV, Yunnan Culex flavivirus; CxFV, Culex flavivirus; QBV, Quang Binh virus; ORF: open reading frame; E: envelope gene; NS5: non-structural 5 gene.

References

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