

Table S3.1. List of sequences used as blast queries and number of blast hits in *Aedes albopictus* (A) and *Aedes aegypti* (B)

GenBank N.	Classification	Type	Abbreviation	N. Blast hits	
				A	B
AB813812.1	Insect Specific Flavivirus	RNA			1
AB813811.1	Insect Specific Flavivirus	RNA			1
AB813810.1	Insect Specific Flavivirus	RNA			1
AB813809.1	Insect Specific Flavivirus	RNA			1
AB813808.1	Insect Specific Flavivirus	RNA			1
AB813807.1	Insect Specific Flavivirus	RNA			1
AB813806.1	Insect Specific Flavivirus	RNA			1
AB813805.1	Insect Specific Flavivirus	RNA			1
AB813804.1	Insect Specific Flavivirus	RNA			1
AB813803.1	Insect Specific Flavivirus	RNA			1
AB813802.1	Insect Specific Flavivirus	RNA			1
AB813801.1	Insect Specific Flavivirus	RNA			1
AB813800.1	Insect Specific Flavivirus	RNA			1
AB813799.1	Insect Specific Flavivirus	RNA			1
AB813798.1	Insect Specific Flavivirus	RNA			1
AB813797.1	Insect Specific Flavivirus	RNA			1
AB813796.1	Insect Specific Flavivirus	RNA			1
AB813795.1	Insect Specific Flavivirus	RNA			1
AB813794.1	Insect Specific Flavivirus	RNA			1
AB813793.1	Insect Specific Flavivirus	RNA			1
AB813792.1	Insect Specific Flavivirus	RNA			1
AB813791.1	Insect Specific Flavivirus	RNA			1
AB813790.1	Insect Specific Flavivirus	RNA			1
AB813789.1	Insect Specific Flavivirus	RNA			1
AB813788.1	Insect Specific Flavivirus	RNA			1
AB813787.1	Insect Specific Flavivirus	RNA			1
AB813786.1	Insect Specific Flavivirus	RNA			1
AB813785.1	Insect Specific Flavivirus	RNA			1
AB813784.1	Insect Specific Flavivirus	RNA			1
HM579916.1	Insect Specific Flavivirus	RNA			
HM579915.1	Insect Specific Flavivirus	RNA			
HM579914.1	Insect Specific Flavivirus	RNA			

HM579913.1	Insect Specific Flavivirus	RNA			
HM579912.1	Insect Specific Flavivirus	RNA			
AB488430.1	Insect Specific Flavivirus	RNA			
AB488428.1	Insect Specific Flavivirus	RNA			
AB488424.1	Insect Specific Flavivirus	RNA			
AB488420.1	Insect Specific Flavivirus	RNA			
AB488416.1	Insect Specific Flavivirus	RNA			
GQ477012.1	Insect Specific Flavivirus	RNA			
GQ477011.1	Insect Specific Flavivirus	RNA			
GQ477010.1	Insect Specific Flavivirus	RNA			
GQ477009.1	Insect Specific Flavivirus	RNA			
GQ477008.1	Insect Specific Flavivirus	RNA			
GQ477007.1	Insect Specific Flavivirus	RNA			
GQ477006.1	Insect Specific Flavivirus	RNA			
GQ477005.1	Insect Specific Flavivirus	RNA			
GQ477004.1	Insect Specific Flavivirus	RNA			
HQ441865.1	Insect Specific Flavivirus	RNA			
HQ441864.1	Insect Specific Flavivirus	RNA			
HQ441863.1	Insect Specific Flavivirus	RNA			
HQ441862.1	Insect Specific Flavivirus	RNA			
HQ441861.1	Insect Specific Flavivirus	RNA			
HQ441860.1	Insect Specific Flavivirus	RNA			
HQ441859.1	Insect Specific Flavivirus	RNA			
HQ441858.1	Insect Specific Flavivirus	RNA			
HQ441857.1	Insect Specific Flavivirus	RNA			
HQ441856.1	Insect Specific Flavivirus	RNA			
HQ441855.1	Insect Specific Flavivirus	RNA			
HQ441854.1	Insect Specific Flavivirus	RNA			
HQ441853.1	Insect Specific Flavivirus	RNA			
HQ441852.1	Insect Specific Flavivirus	RNA			
HQ441851.1	Insect Specific Flavivirus	RNA			
HQ441850.1	Insect Specific Flavivirus	RNA			
HQ441849.1	Insect Specific Flavivirus	RNA			
HQ441848.1	Insect Specific Flavivirus	RNA			
HQ441847.1	Insect Specific Flavivirus	RNA			
HQ441846.1	Insect Specific Flavivirus	RNA			

AB488440.1	Insect Specific Flavivirus	RNA			
AB488439.1	Insect Specific Flavivirus	RNA			
AB488438.1	Insect Specific Flavivirus	RNA			
AB488437.1	Insect Specific Flavivirus	RNA			
AB488436.1	Insect Specific Flavivirus	RNA			
AB488435.1	Insect Specific Flavivirus	RNA			
AB488434.1	Insect Specific Flavivirus	RNA			
AB488433.1	Insect Specific Flavivirus	RNA			
AB488412.1	Insect Specific Flavivirus	RNA			
AB813783.1	Insect Specific Flavivirus	RNA			
AB813782.1	Insect Specific Flavivirus	RNA			
AB813781.1	Insect Specific Flavivirus	RNA			
AB813780.1	Insect Specific Flavivirus	RNA			
AB813779.1	Insect Specific Flavivirus	RNA			
AB813778.1	Insect Specific Flavivirus	RNA			
AB813777.1	Insect Specific Flavivirus	RNA			
AB813776.1	Insect Specific Flavivirus	RNA			
AB813775.1	Insect Specific Flavivirus	RNA			
AB813774.1	Insect Specific Flavivirus	RNA			
AB813773.1	Insect Specific Flavivirus	RNA			
AB813772.1	Insect Specific Flavivirus	RNA			
AB813771.1	Insect Specific Flavivirus	RNA			
AB813770.1	Insect Specific Flavivirus	RNA			
AB813769.1	Insect Specific Flavivirus	RNA			
AB813768.1	Insect Specific Flavivirus	RNA			
AB813767.1	Insect Specific Flavivirus	RNA			
AB813766.1	Insect Specific Flavivirus	RNA			
AB813765.1	Insect Specific Flavivirus	RNA			
AB813764.1	Insect Specific Flavivirus	RNA			
AB813763.1	Insect Specific Flavivirus	RNA			
AB813762.1	Insect Specific Flavivirus	RNA			
AB813761.1	Insect Specific Flavivirus	RNA			
AB813760.1	Insect Specific Flavivirus	RNA			
AB813759.1	Insect Specific Flavivirus	RNA			
AB813758.1	Insect Specific Flavivirus	RNA			
AB813757.1	Insect Specific Flavivirus	RNA			

AB813756.1	Insect Specific Flavivirus	RNA			
AB813755.1	Insect Specific Flavivirus	RNA			
AB488429.1	Insect Specific Flavivirus	RNA			
AB488427.1	Insect Specific Flavivirus	RNA			
AB488426.1	Insect Specific Flavivirus	RNA			
AB488423.1	Insect Specific Flavivirus	RNA			
AB488422.1	Insect Specific Flavivirus	RNA			
AB488419.1	Insect Specific Flavivirus	RNA			
AB488418.1	Insect Specific Flavivirus	RNA			
AB488415.1	Insect Specific Flavivirus	RNA			
AB488414.1	Insect Specific Flavivirus	RNA			
AB488432.1	Insect Specific Flavivirus	RNA			
AB488431.1	Insect Specific Flavivirus	RNA			
AB488411.1	Insect Specific Flavivirus	RNA			
AB488410.1	Insect Specific Flavivirus	RNA			
AB813754.1	Insect Specific Flavivirus	RNA			
AB813753.1	Insect Specific Flavivirus	RNA			
AB813752.1	Insect Specific Flavivirus	RNA			
AB813751.1	Insect Specific Flavivirus	RNA			
AB813750.1	Insect Specific Flavivirus	RNA			
AB813749.1	Insect Specific Flavivirus	RNA			
AB813748.1	Insect Specific Flavivirus	RNA			
AB813747.1	Insect Specific Flavivirus	RNA			
AB813746.1	Insect Specific Flavivirus	RNA			
AB813745.1	Insect Specific Flavivirus	RNA			
AB813744.1	Insect Specific Flavivirus	RNA			
AB813743.1	Insect Specific Flavivirus	RNA			
AB813742.1	Insect Specific Flavivirus	RNA			
AB813741.1	Insect Specific Flavivirus	RNA			
AB813740.1	Insect Specific Flavivirus	RNA			
AB813739.1	Insect Specific Flavivirus	RNA			
AB813738.1	Insect Specific Flavivirus	RNA			
AB813737.1	Insect Specific Flavivirus	RNA			
AB813736.1	Insect Specific Flavivirus	RNA			
AB813735.1	Insect Specific Flavivirus	RNA			
AB813734.1	Insect Specific Flavivirus	RNA			

AB813733.1	Insect Specific Flavivirus	RNA			
AB813732.1	Insect Specific Flavivirus	RNA			
AB813731.1	Insect Specific Flavivirus	RNA			
AB813730.1	Insect Specific Flavivirus	RNA			
AB813729.1	Insect Specific Flavivirus	RNA			
AB813728.1	Insect Specific Flavivirus	RNA			
AB813727.1	Insect Specific Flavivirus	RNA			
AB813726.1	Insect Specific Flavivirus	RNA			
AB488421.1	Insect Specific Flavivirus	RNA			
AB488417.1	Insect Specific Flavivirus	RNA			
AB488413.1	Insect Specific Flavivirus	RNA			
AB488409.1	Insect Specific Flavivirus	RNA			
JX860637.1	Insect Specific Flavivirus	RNA			
JX860636.1	Insect Specific Flavivirus	RNA			
JX860635.1	Insect Specific Flavivirus	RNA			
JX860634.1	Insect Specific Flavivirus	RNA			
NC_001564.1	Insect Specific Flavivirus	RNA	CFA		3
NC_005064.1	Insect Specific Flavivirus	RNA	KRV	3	
AY149904.1	Insect Specific Flavivirus	RNA	KRV-SR75	3	
AY149905.1	Insect Specific Flavivirus	RNA	KRV-SR82	3	
NC_012932.1	Insect Specific Flavivirus	RNA	AEFV		
AB488408.1	Insect Specific Flavivirus	RNA	AEFVN		
KC181923.1	Insect Specific Flavivirus	RNA	AEFVS		
AB701774.1	Insect Specific Flavivirus	RNA	CxFV-T2		
AB701773.1	Insect Specific Flavivirus	RNA	CxFV-T3		
AB701772.1	Insect Specific Flavivirus	RNA	CxFV-T4		
AB701771.1	Insect Specific Flavivirus	RNA	CxFV-T5		
AB701770.1	Insect Specific Flavivirus	RNA	CxFV-T6		
AB701769.1	Insect Specific Flavivirus	RNA	CxFV-T7		
AB701768.1	Insect Specific Flavivirus	RNA	CxFV-T8		
AB701767.1	Insect Specific Flavivirus	RNA	CxFV-T9		
AB701766.1	Insect Specific Flavivirus	RNA	CxFV-T10		
AB701776.1	Insect Specific Flavivirus	RNA	CxFV-T1		
JQ308190.1	Insect Specific Flavivirus	RNA	CxFV-D1		
JQ308189.1	Insect Specific Flavivirus	RNA	CxFV-D2		
JQ308188.1	Insect Specific Flavivirus	RNA	CxFV-D3		

JQ308187.1	Insect Specific Flavivirus	RNA	CxFV-H1		
JQ308186.1	Insect Specific Flavivirus	RNA	CxFV-H2		
FJ663034.1	Insect Specific Flavivirus	RNA	CxFV-I		
FJ502995.1	Insect Specific Flavivirus	RNA	CxFV-H3		
NC_008604.2	Insect Specific Flavivirus	RNA	CxFV		
EU879060.1	Insect Specific Flavivirus	RNA	CxFV-M		
NC_012671.1	Insect Specific Flavivirus	RNA	QBV		
FJ644291.1	Insect Specific Flavivirus	RNA	QBV-VN		
AY632535	Insect Specific Flavivirus	RNA	CxFV-T11		
AY898809.1	Flavivirus	RNA	ALF		
AY632536.4	Flavivirus	RNA	BeAn		
AY762084.1	Flavivirus	RNA	DENV1S	5	
U88535.1	Flavivirus	RNA	DENV1WP	5	
AY702040.1	Flavivirus	RNA	DENV2I	2	
DQ181799.1	Flavivirus	RNA	DENV2T	2	
AY858044.2	Flavivirus	RNA	DENV3K	2	
AY744685.1	Flavivirus	RNA	DENV3P	2	
AY858047.2	Flavivirus	RNA	DENV3T	2	
AY762085.1	Flavivirus	RNA	DENV4S	2	
AY618988	Flavivirus	RNA	DENV4T	1	
NC_001437.1	Flavivirus	RNA	JEV	1	
M18370.1	Flavivirus	RNA	JEV-CG	1	
AF221499.1	Flavivirus	RNA	JEV-CH	1	
AB241119.1	Flavivirus	RNA	JEV-MIE	1	
AB196925.1	Flavivirus	RNA	JEV-rAT	1	
EF107523.1	Flavivirus	RNA	JEV-WHe	1	
AY632540.2	Flavivirus	RNA	KEDV-Dak		
AY632541.4	Flavivirus	RNA	KOKVA		
NC_009029.2	Flavivirus	RNA	KOKVCG		
AF161266.1	Flavivirus	RNA	MEVE1		
AY632542.4	Flavivirus	RNA	ROC		
DQ525916.1	Flavivirus	RNA	SLEV	1	
AY453411.1	Flavivirus	RNA	USUA		
NC_006551.1	Flavivirus	RNA	USUVCG		
AY453412.1	Flavivirus	RNA	USUVS		
DQ256376.1	Flavivirus	RNA	WN8		

AY278441.1	Flavivirus	RNA	WNA		
DQ318020.1	Flavivirus	RNA	WNAr		
AF260968.1	Flavivirus	RNA	WNE		
DQ116961.1	Flavivirus	RNA	WNGH		
DQ118127.1	Flavivirus	RNA	WNH		
AY277251.1	Flavivirus	RNA	WNLK		
AY278442.1	Flavivirus	RNA	WNLV		
AY765264.1	Flavivirus	RNA	WNR		
AY688948.1	Flavivirus	RNA	WNS		
NC_002031.1	Flavivirus	RNA	YFV		
AY968064.1	Flavivirus	RNA	YFV-A		
AY968065.1	Flavivirus	RNA	YFV-U48		
AY632538.4	Flavivirus	RNA	IgV		
AJ299445.1	Flavivirus	RNA	MMLV		
NC_003675.1	Flavivirus	RNA	RBV		
JQ582840.1	Flavivirus	RNA	RBVM		
DQ235145	Flavivirus	RNA	GGYV	2	
DQ235146.1	Flavivirus	RNA	KDV		
DQ462443.1	Flavivirus	RNA	KVL		
NC_003690.1	Flavivirus	RNA	LGTV		
NC_005062.1	Flavivirus	RNA	OHFV		
AY193805.1	Flavivirus	RNA	OHFV-B		
AY438626.1	Flavivirus	RNA	OHFV-K		
NC_003687.1	Flavivirus	RNA	POWV		
HM440563.1	Flavivirus	RNA	POWVA		
HM440562.1	Flavivirus	RNA	POWVD		
HM440559.1	Flavivirus	RNA	POWVN		
HQ231415.1	Flavivirus	RNA	POWVT		
HQ231414.1	Flavivirus	RNA	POWVU		
HM440558.1	Flavivirus	RNA	POWVW		
NC_001672.1	Flavivirus	RNA	TBV		
AY217093.1	Flavivirus	RNA	MDJ		
NC_003996.1	Tamana bat virus, genome	RNA	TABV		
AY223845.1	Cell Silent Agent	DNA	CSA-1	312	
AY223844.1	Cell Silent Agent	DNA	CSA-2	3484	1167
AF411835.1	Cell Silent Agent	DNA	CSA-3	1097	124

AY347953 §	Cell Silent Agent	DNA	CSA-4		58
JF707856	Cell Silent Agent	DNA	FVI-S1		
JF707857	Cell Silent Agent	DNA	FVI-S2		
JF707858	Cell Silent Agent	DNA	FVI-S3		
JF707859	Cell Silent Agent	DNA	FVI-S4		
JF707860	Cell Silent Agent	DNA	FVI-S5		
KF801604.1	Cell Silent Agent	DNA	FVI-I1		
KF801601.1	Cell Silent Agent	DNA	FVI-I2		
KF801590.1	Cell Silent Agent	DNA	FVI-I3		
KF801606.1	Cell Silent Agent	DNA	FVI-I4		
KF801597.1	Cell Silent Agent	DNA	FVI-I5		
KF801602.1	Cell Silent Agent	DNA	FVI-I6		
KF801607.1	Cell Silent Agent	DNA	FVI-I7		

* (virus: 142-1179bp), a total of 9 blast hits in *Ae. albopictus*

** (virus: 296-1316bp), 9 blast hits in *Ae. albopictus*

& (virus: 2939-7762 bp), a total of 9 blast hits in *Ae. albopictus*

§ (virus: 548-2026 bp) a total of 9 blast hits in *Ae. albopictus*