

Supplemental Table 3. Summary of variable residues across ZIKV capsid (C), prM, and envelope (E) proteins.

	Capsid				Intergenic							prM							M			E																															
Protein position	19	21	74	95	100	101	102	104	107	108	114	1	3	8	17	21	26	29	31	35	36	124	138	140	120	138	153	154	155	156	157	158	159	160	169	227	232	283	285	317	330	335	341	343	345	393	401	406	437	438	473	487	495
Polyprotein Position	25	27	80	101	106	107	108	110	113	114	120	123	125	130	139	143	148	151	153	157	158	246	260	262	410	428	443	444	445	446	447	448	449	450	459	517	522	573	575	607	620	625	631	633	635	683	691	696	727	728	763	777	785
Consensus	S	F	I	K	A	D	T	V	V	G	A	A	V	S	S	E	P	L	M	Y	I	R	A	A	A	R	V	N	D	T	G	H	E	T	I	A	G	R	S	I	V	T	V	A	M	E	H	T	A	L	X	M	L
Uganda 1947	N	L	.	R	.	.	.	I	I	.	.	.	I	.	.	K	A	.	V	H	V	K	V	V	T	.	-	-	-	-	.	Y	.	.	V	.	.	K	F	V	.	.	I	V	.	D	.	.	V	F	V	T	M
Senegal 1984	N	L	.	R	.	.	.	I	I	.	.	K	A	.	V	H	V	K	V	V	T	V	.	.	.	F	V	D	.	.	V	F	V	T	M
Nigeria 1968 (A)	N	L	.	R	.	.	A	I	.	S	V	.	I	.	.	K	V	.	V	H	V	K	V	V	T	Q	.	.	-	-	-	-	-	-	V	S	E	.	.	V	.	R	.	.	.	D	.	I	V	F	V	T	M
Nigeria 1968 (G)	N	L	.	R	.	.	A	I	.	S	V	.	I	.	.	K	V	.	V	H	V	K	V	V	T	.	.	.	-	-	-	-	-	-	V	S	E	.	.	V	.	R	.	.	.	D	.	I	V	F	V	T	M
Malaysia 1966	V	V	D	Y	.	.	.	V	T	.
Thailand 2013	T	M	.	.	
Cambodia 2010	T	V	.	N	.	.	.	M	V	.	.		
French Polynesia 2013	N	M	.	.	
Puerto Rico 2015	.	.	T	N	L	M	.	.		
Brazil 2015	N	M	.	.		
Colombia 2015	E	N	M	.	.			
Mexico 2016	N	M	.	.			