

# Rapid Spread and Diversification of the New Respiratory Syncytial ON1 Genotype Virus, Kenya

## Technical Appendix

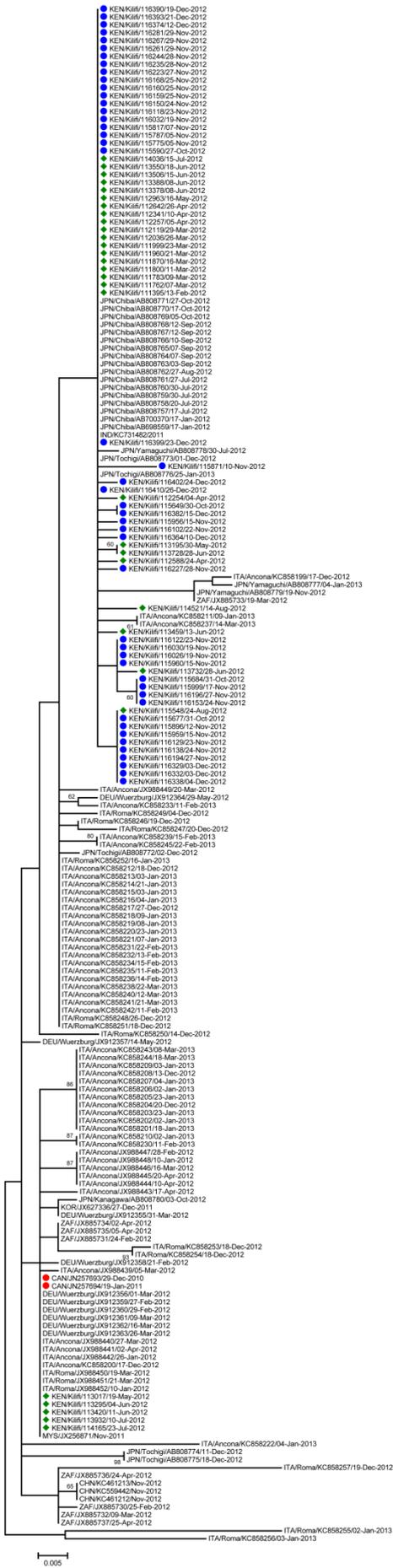
### (A) Signature coding changes defining the Kenyan lineages

AA position	115	128	136	274	298	304	310
Canadian S.	L	S	T	L	L	Y	L
Lineage 1	L	S	T/I	P	P	H	P/S
Lineage 2	L	F	T	L	L	Y	L
Lineage 3	P	S	T	P	P	H	P

### (B) Mean genetic distances between the defined lineages

	Lineage 1	Lineage 2	Lineage 3
Lineage 1	-		
Lineage 2	0.011	-	
Lineage 3	0.008	0.015	-

Technical Appendix Figure 1. A) Summary of signature mutations that distinguished the defined 3 respiratory syncytial virus ON1 lineages observed at Kilifi, Kenya. B) The mean genetic distances between the 3 lineages identified at Kilifi.



Technical Appendix Figure 2. Same as Figure 2B but showing the taxon names. The taxon nomenclature on the tree is as follows: A three letter code representing country of isolation/(location within country of isolation if provided)/ GenBank accession number (or ID for Kilifi sequences)/ Date of isolation. Only bootstrap support values above 60 are shown on the branches.