

TableS2

Molecular clock	E2P7NS2		NS5B Relaxed log- normal	Combined Relaxed log normal	Median Dates of the combined estimation
	Relaxed log- normal	Strict			
Subtype 1a					
tMRCA (years)	35 (13-147)	35 (15-144)	39 (14-221)	38 (19-71)	1965
Rate ($\times 10^{-3}$) substitutions/site/year	2.7 (0.011 - 5.6)	2.7 (0.029 - 5.4)	1.4 (0.58 - 3.4)	1.9 (0.32 - 3.8)	
Coefficient of Variation	0.092		0.31	0.33	
Subtype 1b					
tMRCA	48 (24 - 125)	48 (27 - 99)	34 (17 - 115)	46 (22 - 64)	1958
Rate ($\times 10^{-3}$) substitutions/site/year	2.6 (0.56 - 4.6)	2.7 (0.92 - 4.6)	1.99 (0.18 - 3.7)	2.24 (0.83 - 3.8)	
Coefficient of Variation	0.108		0.26	0.26	
Subtype 3a					
tMRCA	30 (19 - 50)	30 (22 - 42)	52 (16 - 188)	28 (19 - 40)	1975
Rate ($\times 10^{-3}$) substitutions/site/year	2.42 (1.13 - 3.73)	2.5 (1.46 - 3.5)	0.99 (0.11 - 2.24)	2.26 (1.33 - 3.45)	
Coefficient of Variation	0.116		0.44	0.58	
Subtype 4a					
tMRCA	69 (10-170)	32 (13-94)	62 (12-770)	36 (12-58)	1967
Rate ($\times 10^{-3}$) substitutions/site/year	2.5 (0.013 - 5.0)	2.5 (0.27 - 4.7)	0.73 (0.004 - 2.4)	1.8 (0.47 - 4.4)	
Coefficient of Variation	0.117		0.45	0.56	