

Table S2

	Constant population size		Exponentially-growing population size	
	ucln.mean rate subs/site/year $\times 10^6$ Median (95%BCI)*	tMRCA (ybp) Median (95% CI)**	ucln.mean rate subs/site/year $\times 10^6$ Median (95%BCI)*	tMRCA (ybp) Median (95% BCI)**
ST22-A	1.27 (1.15, 1.41)	30.6 (27.1, 35.3)	1.29 (1.17, 1.42)	28.4 (25.4, 32.0)
ST22-B	1.48 (0.618, 2.41)	59.5 (32.9, 110.1)	1.27 (0.447, 2.12)	67.7 (35.7, 133.7)

* ucln.mean= mean of the uncorrelated lognormal distribution of rates; BCI= Bayesian Credible Intervals

** tMRCA=time to most recent common ancestor