Model: molecular clock-tree prior	SS	*ln*BF$_{SS}$	PS	*ln*BF$_{PS}$
SC-CONST	-48841.9		-48841.0	
RC-CONST	-48553.7		-48552.5	
SC-BSP	-48841.0		-48840.9	
RC-BSP	-48556.6		-48556.7	
SC-CONST vs RC-CONST		*288.2*		*288.4*
SC-BSP vs RC-BSP		*284.4*		*284.2*
RC-CONST vs RC-BSP		*-2.9*		*-4.2*

Model comparison indicated in italics. Model: molecular clock and demographic priors combination; SC= Strict clock; RC= Uncorrelated relaxed clock; CONST= Constant size demographic prior; BSP= Bayesian Skyline demographic prior; SS= Stepping Stone; PS= Path Sampling; BF= Bayes Factor. Evidence against the null hypothesis (H_0) was evaluated via MLE comparison with the more complex model (H_A), referred to as the Bayes Factor (BF), wherein rising *ln*BF values indicate stronger evidence up to “10”.