

Table S5 Comparison of ARGweaver results with simulations under infinite sites mutational model and Jukes-Cantor finite sites mutational model, including simulations with values of mutation to recombination rate ratio in between the ones shown in the main text. * indicate results shown in the main text and presented here again for comparison.

μ/ρ	Point estimates (MSE)		Ranks (KLD)	
	Infinite sites	Finite sites (JC)	Infinite sites	Finite sites (JC)
$\frac{2 \times 10^{-8}}{2 \times 10^{-8}} = 1$	0.397*	0.396	0.027*	0.026
$\frac{4 \times 10^{-8}}{2 \times 10^{-8}} = 2$	0.285	0.285	0.049	0.053
$\frac{8 \times 10^{-8}}{2 \times 10^{-8}} = 4$	0.195	0.197	0.113	0.112
$\frac{2 \times 10^{-7}}{2 \times 10^{-8}} = 10$	0.117*	0.120	0.350*	0.353
$\frac{2 \times 10^{-8}}{2 \times 10^{-9}} = 10$	0.120*	0.119	0.286*	0.291