List of priors used for the simulated dataset.

Parameter	Prior distribution
FBD diversification rate	Uniform$[0; \infty[$
FBD turnover	Uniform$[0; 1[$
FBD sampling proportion	Uniform$[0; 1[$
Origin of the FBD process	Uniform$[0; \infty[$
HKY+Γ κ parameter	LogNormal(1.0,1.25)
HKY+Γ shape of the Γ distribution	Exponential(1.0)
Relaxed clock mean rate	Uniform$[0; \infty[$
Relaxed clock standard deviation	Gamma($\alpha = 0.5396$,$\beta = 0.3819$)