

Models supported by MrBayes 3 (simplified)

Data Type	State Frequencies (Substitution Rates)	Across-Site Rate Variation	Coding Bias	Misc.
Restriction 0 - 1	fixed/estimated (Dirichlet) <i>prset statefreqpr</i>	equal/gamma <i>lset rates</i>	all/variable/ nopresencesites/noabsencesites <i>lset coding</i>	
Standard 0 - 9	equal/estimated (SymmDir) <i>prset symdirihyperpr</i>	equal/gamma <i>lset rates</i>	all/variable/informative <i>lset coding</i>	unordered/ordered <i>ctype</i>

Data Type	Model Type	State Frequencies	Substitution Rates	Across-Site Rate Variation	Across-Tree Rate Variation
DNA A C G T	4by4 <i>lset nucmodel</i>	fixed/est. (Dirichlet) <i>prset statefreqpr</i>	F81/HKY/GTR/ mixed <i>lset nst=1/2/6/ mixed</i>	equal/gamma/ propinv/invgamma/ adgamma <i>lset rates</i>	yes/no <i>lset covarion</i>
	doublet <i>lset nucmodel</i>	fixed/est. (Dirichlet) (over 16 states) <i>prset statefreqpr</i>	F81/HKY/GTR/ mixed <i>lset nst=1/2/6/ mixed</i>	equal/gamma/ propinv/invgamma <i>lset rates</i>	
	codon <i>lset nucmodel</i>	fixed/est. (Dirichlet) (over 61 states) <i>prset statefreqpr</i>	F81/HKY/GTR/ mixed <i>lset nst=1/2/6/ mixed</i>	<b>Across-Site Omega Variation</b> equal/Ny98/M3 <i>lset omegavar</i>	