**Data Type**

Protein
A - Y

**Model Type**

Equalin/GTR
*prset aamodelpr*

Poisson/Jones/
Dayhoff/Mtrev/
Mtmam/Wag/
Rtrev/Cprev/Vt/
Blossum/mixed
*prset aamodelpr*

**State Frequencies**

fixed/est. (Dirichlet)
*prset statefreqpr*

fixed/mixed

**Substitution Rates**

fixed/est. (Dirichlet)
*prset aarevmatpr*

fixed/mixed

**Across-Site
Rate Variation**

equal/gamma/
propinv/invgamma/
adgamma
*lset rates*

equal/gamma/
propinv/invgamma/
adgamma
*lset rates*

**Across-Tree
Rate Variation**

yes/no
*lset covarion*

yes/no
*lset covarion*

**Parameter Variation Across Partitions**

shared/separate
*set partition, link, unlink*

**Inferring Site Parameters**

ancstates/possel/siteomega/siterate
*report*

**Topology Models**

unconstrained/
constraints/fixed
*constraint*
*prset topologypr*

**Brlens Type**

Fixed
*prset brlenspr*

Unconstrained
*prset brlenspr*

Clock
*prset brlenspr*

**Brlens Prior**

Exponential/Uniform
*prset brlenspr*

Uniform
*prset brlenspr*

Coalescence
*prset brlenspr*

Birth-Death
*prset brlenspr*

**Additional
Parameters**
*see prset*
*(lset for diploidy)*

Treeage

Theta, Diploidy
Growth

Speciation
Extinction
Sampleprob

**Clockrate Variation**

strict/cpp/
tk02/igr
*prset clockvarpr*

**Dating Constraints**

unconstrained/
calibrated
*calibrate*
*prset nodeagepr*
*prset treeagepr*
*prset clockratepr*