Tree

Tree Prior
Transmission model that describes the tree generating process

Model that describes the rates of substituion between nucleotides
HKY

Probability of the alignment given the tree and sequence evolution model

Model that describes rate of evolution along the tree branches
STRICT CLOCK

MULTI-TYPE BIRTH DEATH MODEL

Origin

sampling proportion

Tree Likelihood

Substitution model

Branch rate model

Alignment

Sequence

nucleotide frequencies

Sample types
HUMAN - MOOSE

Sample dates

kappa

becoming uninf. rate

reproductive number, Re

Re between types

removal probability

clock rate