BIC Selection Results

Model selected

Model	F81+I		
partition	000000		
-lnL	1053,5428		
K	14		
freqA	0,4200	**R(a)**	-
freqC	0,1558	**R(b)**	-
freqG	0,2015	**R(c)**	-
freqT	0,2227	**R(d)**	-
ti/tv	-	**R(e)**	-
		R(f)	-
p-inv	0,9030	**gamma**	-

Best model tree (NNI)

```
(((P5:0.01021829,P4:0.00719757):0.00151199,
(P6:0.00680664,P1:0.00000003):0.00204596):0.01267608,P3:0.01665876,P2:0.00459802);
```

Display in PhyloWidget

-lnL:	negative log likelihod
K:	number of estimated parameters
BIC:	Bayesian Information Criterion
delta:	BIC difference
weight:	BIC weight
cumWeight:	cumulative BIC weight

Confidence interval

There are 88 models in the 100,00% confidence interval:
F81+I HKY+I F81+G F81+I+G TrN+I TPM3uf+I TPM2uf+I
HKY+G TPM1uf+I HKY+I+G TIM3+I TIM2+I F81 TPM2uf+G
TrN+G TPM3uf+G TIM1+I TrN+I+G TPM3uf+I+G
TPM2uf+I+G TPM1uf+G TPM1uf+I+G HKY TIM2+G TIM3+G
TIM3+I+G TIM2+I+G TIM1+G TIM1+I+G TVM+I TPM2uf
TrN TPM3uf TPM1uf GTR+I TVM+G TVM+I+G TIM2 TIM3
TIM1 GTR+G GTR+I+G TVM GTR JC+I K80+I JC+I+G JC+G
TPM3+I TrNef+I TPM2+I TPM1+I K80+I+G K80+G JC
TIM3ef+I TIM2ef+I TPM3+I+G TIM1ef+I TrNef+I+G
TPM2+I+G TrNef+G TPM3+G TPM1+I+G TPM1+G TPM2+G
K80 TIM3ef+I+G TVMef+I TIM3ef+G TIM2ef+I+G
TIM1ef+I+G TIM1ef+G TIM2ef+G TrNef TPM3 TPM1 TPM2
SYM+I TVMef+I+G TVMef+G TIM3ef TIM1ef TIM2ef
SYM+I+G SYM+G TVMef SYM

Model	-lnL	K	BIC	delta	weight	cumWeight
F81+I	1053,5428	14	2197,3478	0,0000	0,8493	0,8493
HKY+I	1053,0700	15	2202,8496	5,5018	0,0542	0,9035
F81+G	1056,3453	14	2203,3528	6,0050	0,0422	0,9457
F81+I+G	1053,5430	15	2203,7955	6,4477	0,0338	0,9795
TrN+I	1052,4692	16	2208,0952	10,7474	0,0039	0,9834
TPM3uf+I	1052,5667	16	2208,2903	10,9425	0,0036	0,9870
TPM2uf+I	1052,5945	16	2208,3460	10,9982	0,0035	0,9905
HKY+G	1056,0321	15	2208,7737	11,4259	0,0028	0,9933
TPM1uf+I	1052,9853	16	2209,1275	11,7797	0,0024	0,9956
HKY+I+G	1053,0693	16	2209,2956	11,9477	0,0022	0,9978
TIM3+I	1051,9314	17	2213,4871	16,1192	0,0003	0,9981
TIM2+I	1052,0670	17	2213,7381	16,3903	0,0002	0,9983
F81	1064,9037	13	2213,7424	16,3946	0,0002	0,9985
TPM2uf+G	1055,4084	16	2214,0937	16,7458	0,0002	0,9987
TrN+G	1055,4711	16	2214,0990	16,7512	0,0002	0,9989
TPM3uf+G	1055,5867	16	2214,3303	16,9825	0,0002	0,9991
TIM1+I	1052,3824	17	2214,3690	17,0212	0,0002	0,9993
TrN+I+G	1052,4693	17	2214,5429	17,1951	0,0002	0,9994
TPM3uf+I+G	1052,5662	17	2214,7366	17,3888	0,0001	0,9996
TPM2uf+I+G	1052,5950	17	2214,7943	17,4465	0,0001	0,9997
TPM1uf+G	1055,9633	16	2215,0835	17,7357	0,0001	0,9998

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