

Scenario1.cfg

```
## ALIGNMENT FILE ##
alignment = SAV_raxml.phy;
## BRANCHLENGTHS: linked | unlinked ##
branchlengths = linked;
## MODELS OF EVOLUTION: all | allx | mrbayes | beast | gamma | gammai | <list> ##
models = all;
# MODEL SELECCTION: AIC | AICc | BIC #
model_selection = aicc;
## DATA BLOCKS: see manual for how to define ##
[data_blocks]
Genome = 1-11729;
## SCHEMES, search: all | user | greedy | rcluster | rclusterf | kmeans ##
[schemes]
search = greedy;
```

Scenario2.cfg

```
## ALIGNMENT FILE ##
alignment = SAV_raxml.phy;
## BRANCHLENGTHS: linked | unlinked ##
branchlengths = linked;
## MODELS OF EVOLUTION: all | allx | mrbayes | beast | gamma | gammai | <list> ##
models = all;
# MODEL SELECCTION: AIC | AICc | BIC #
model_selection = aicc;
## DATA BLOCKS: see manual for how to define ##
[data_blocks]
NSP1 = 1-1599;
NSP2 = 1600-4176;
NSP3 = 4177-5934;
NSP4 = 5935-7761;
MUTR = 7762-7799;
CP = 7800-8645;
E3 = 8646-8858;
E2 = 8859-10172;
6K = 10173-10376;
E1 = 10377-11729;
## SCHEMES, search: all | user | greedy | rcluster | rclusterf | kmeans ##
[schemes]
search = greedy;
```

Scenario3.cfg

```
## ALIGNMENT FILE ##
alignment = SAV_raxml.phy;
## BRANCHLENGTHS: linked | unlinked ##
branchlengths = linked;
## MODELS OF EVOLUTION: all | allx | mrbayes | beast | gamma | gammai | <list> ##
models = all;
# MODEL SELECCTION: AIC | AICc | BIC #
model_selection = aicc;
## DATA BLOCKS: see manual for how to define ##
[data_blocks]
NSP1_pos1 = 1-1599\3;
NSP1_pos2 = 2-1599\3;
NSP1_pos3 = 3-1599\3;
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NSP2_pos1 = 1600-4176\3;
NSP2_pos2 = 1601-4176\3;
NSP2_pos3 = 1602-4176\3;
NSP3_pos1 = 4177-5934\3;
NSP3_pos2 = 4178-5934\3;
NSP3_pos3 = 4179-5934\3;
NSP4_pos1 = 5935-7761\3;
NSP4_pos2 = 5936-7761\3;
NSP4_pos3 = 5937-7761\3;
MUTR_pos1 = 7762-7799;
CP_pos1 = 7800-8645\3;
CP_pos2 = 7801-8645\3;
CP_pos3 = 7802-8645\3;
E3_pos1 = 8646-8858\3;
E3_pos2 = 8647-8858\3;
E3_pos3 = 8648-8858\3;
E2_pos1 = 8859-10172\3;
E2_pos2 = 8860-10172\3;
E2_pos3 = 8861-10172\3;
6K_pos1 = 10173-10376\3;
6K_pos2 = 10174-10376\3;
6K_pos3 = 10175-10376\3;
E1_pos1 = 10377-11729\3;
E1_pos2 = 10378-11729\3;
E1_pos3 = 10379-11729\3;
## SCHEMES, search: all | user | greedy | rcluster | rclusterf | kmeans ##
[schemes]
search = greedy;
```

```
Scenario4.cfg
## ALIGNMENT FILE ##
alignment = SAV_raxml.phy;
## BRANCHLENGTHS: linked | unlinked ##
branchlengths = linked;
## MODELS OF EVOLUTION: all | allx | mrbayes | beast | gamma | gammai | <list> ##
models = all;
# MODEL SELECTION: AIC | AICc | BIC #
model_selection = aicc;
## DATA BLOCKS: see manual for how to define ##
[data_blocks]
pos1 = 1-11729\3;
pos2 = 2-11729\3;
pos3 = 3-11729\3;
## SCHEMES, search: all | user | greedy | rcluster | rclusterf | kmeans ##
[schemes]
search = greedy;
```