a)

AIC$_1$ = 861.35

Gain: 56.6
Loss: 40.9

CR_No_Dupli

Constant_Rate

Gain: 20.1
Loss: 13.5
Dupli: 1.3

CR_Demi

Gain: 1.4e-10
Loss: 36.8
Dupli: 0.4
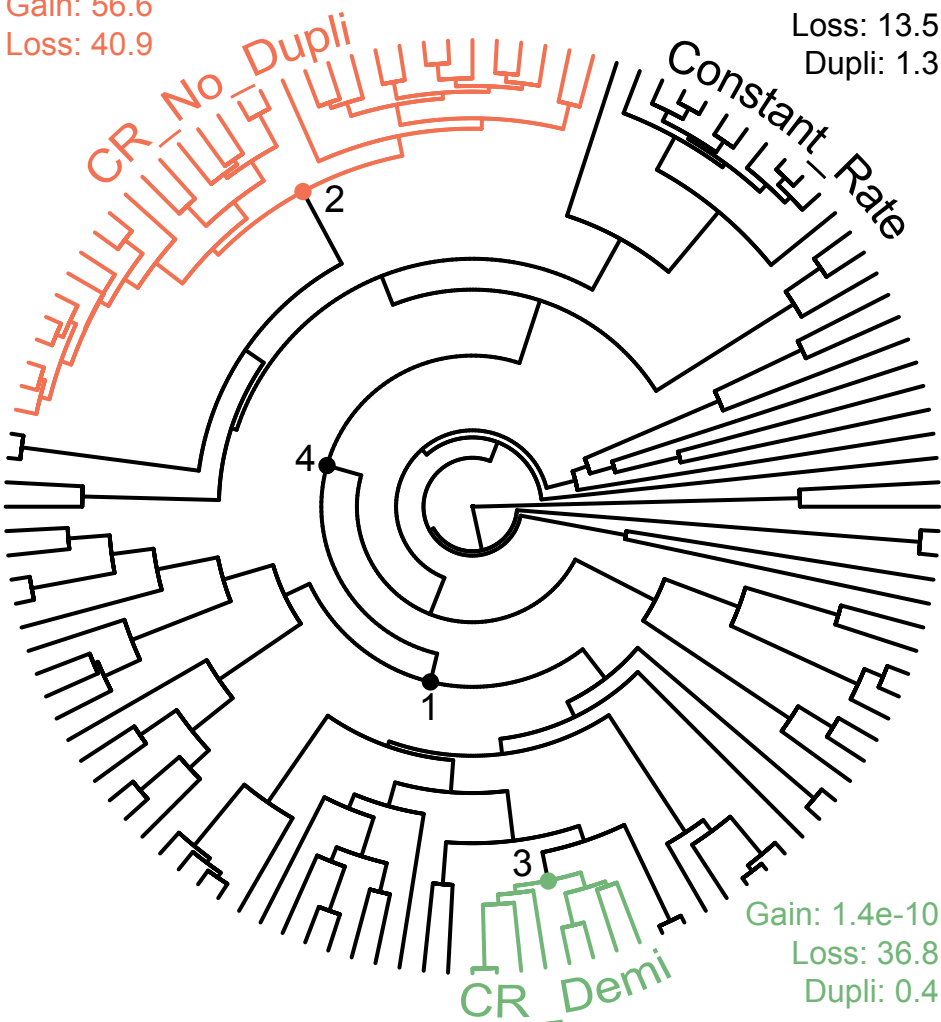
AIC$_2$ = 863.89; ΔAIC = 2.54

Gain: 56.6
Loss: 40.9

CR_No_Dupli

Gain: 1.6e-10
Loss: 47.5
Dupli: 0.5

Constant_Rate

BN_Dupli

CR_Demi

Gain: 1.4e-10
Loss: 36.8
Dupli: 0.4

Gain: 10.9
Loss: 5.0
Dupli: 0.5
Base Num R: 4.4e-2
Base Num: 6
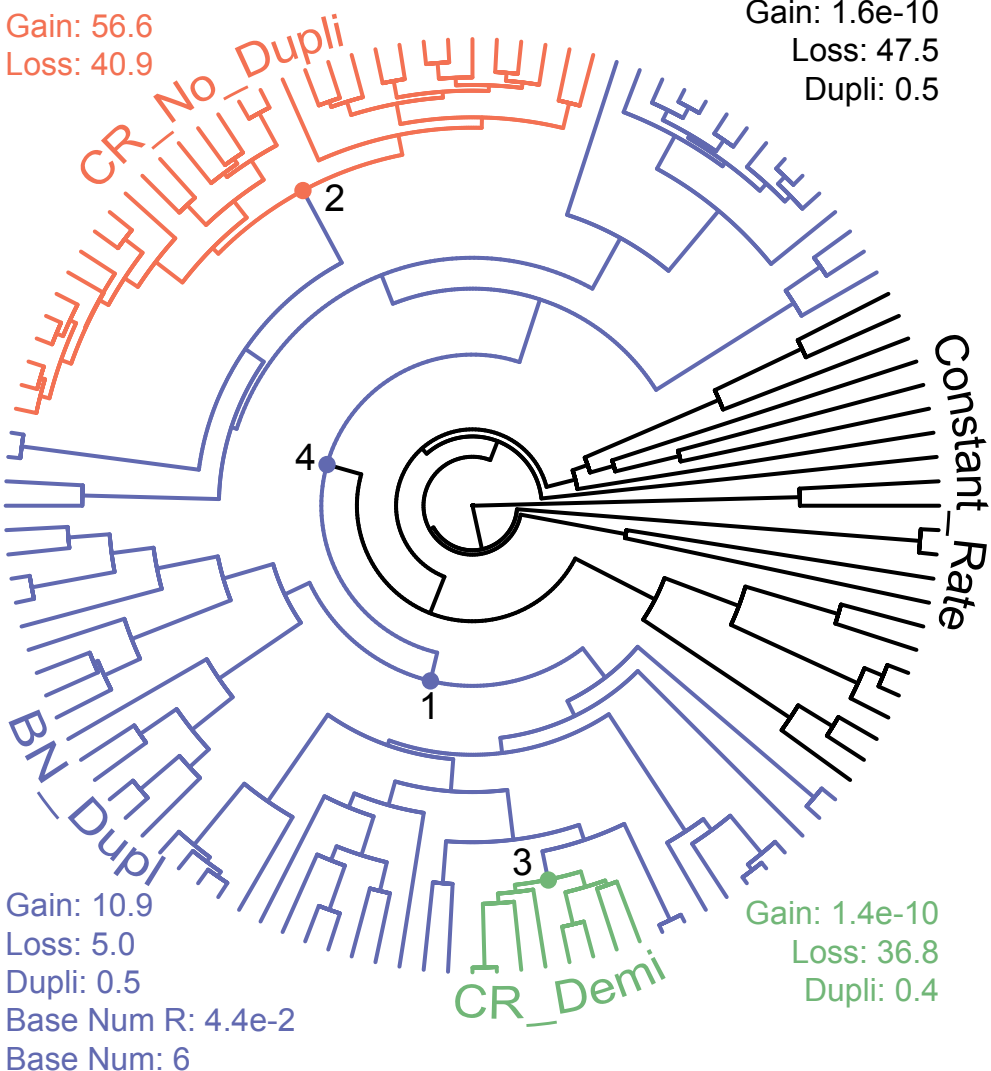
AIC$_3$ = 867.78; ΔAIC = 6.50

Gain: 56.6
Loss: 40.9

CR_No_Dupli

Gain: 17.0
Loss: 10.1
Dupli: 0.8
Demi: 1.4e-10

CR_Demi_Est

CR_Demi

Gain: 9.0
Loss: 6.7
Dupli: 0.8
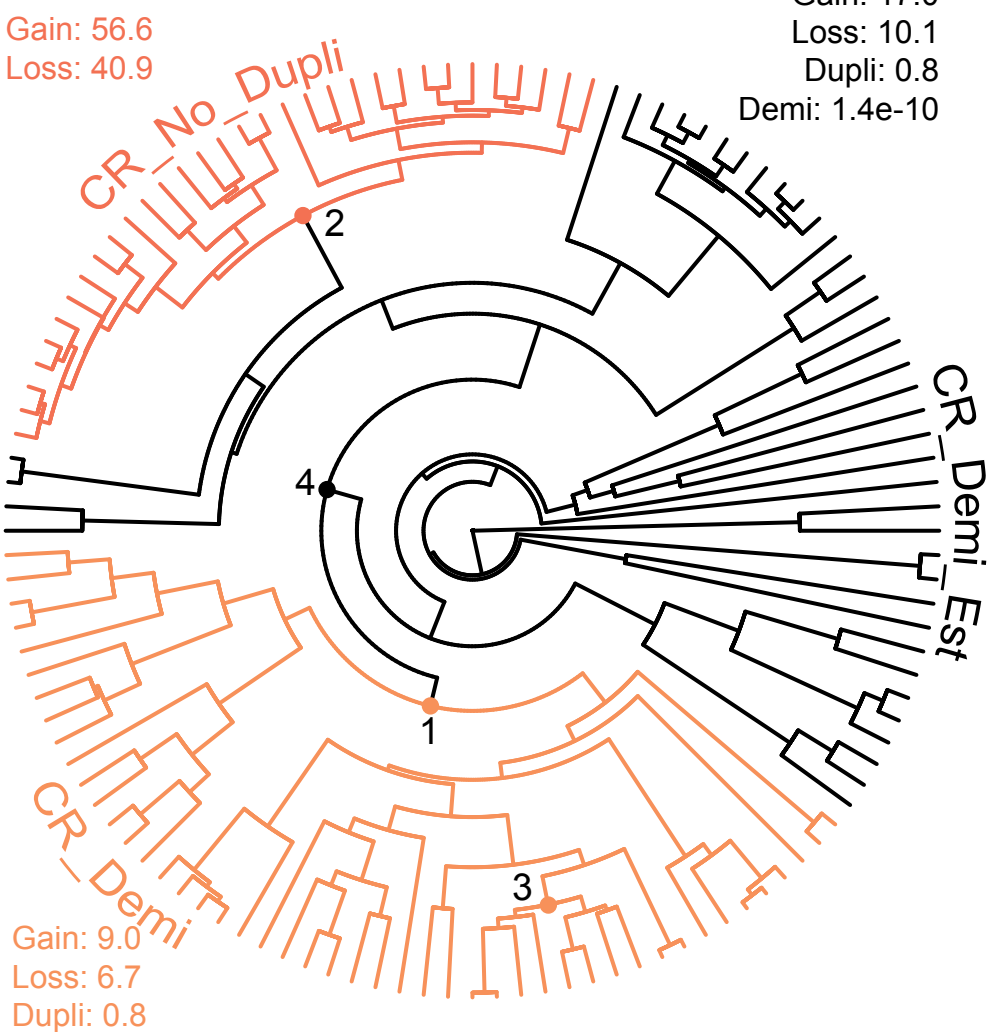
b)

AIC$_1$ = 1464.80

Gain: 97.7
Loss: 93.7
Base Num R: 3.7e-2
Base Num: 17

Base Num

CR_Demi

Gain: 1.4e-10
Loss: 28.5
Dupli: 0.5

CR_Demi

Gain: 7.3
Loss: 3.8
Dupli: 1.3
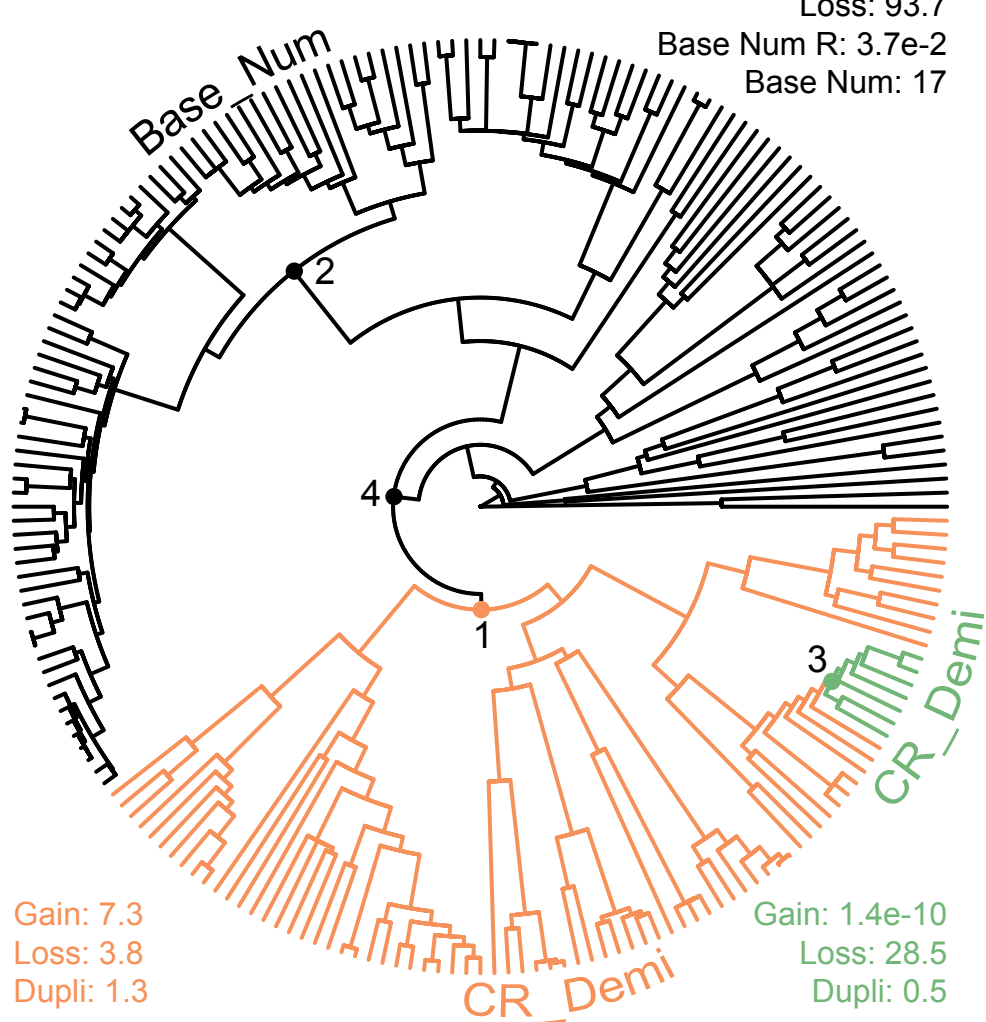
AIC$_2$ = 1469.97; ΔAIC = 5.17

Gain: 51.7
Loss: 26.2
Base Num R: 3.8e-2
Base Num: 17

Base Num

Gain: 42.1
Loss: 37.5
Dupli: 1.2

Constant_Rate

CR_Demi

Gain: 1.4e-10
Loss: 28.5
Dupli: 0.5

CR_Demi_Est

Gain: 29.2
Loss: 22.5
Dupli: 9.6e-2
Demi: 2.2
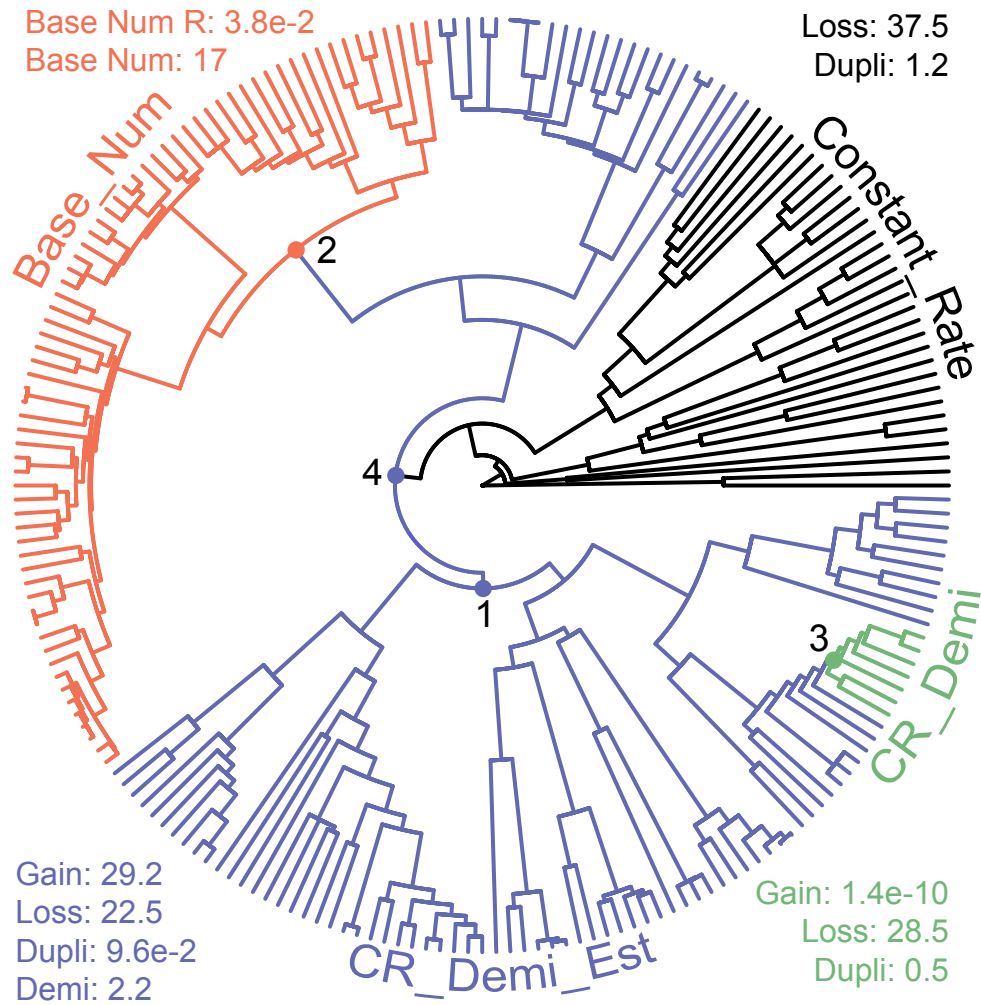
AIC$_3$ = 1470.86; ΔAIC = 6.06

Gain: 51.7
Loss: 26.2
Base Num R: 3.8e-2
Base Num: 17

Base Num

CR_Demi

Gain: 1.4e-10
Loss: 28.5
Dupli: 0.5

Gain: 75.5
Loss: 70.4
Dupli: 0.7

CR_Demi