KAT11 OG counts in descendant nodes
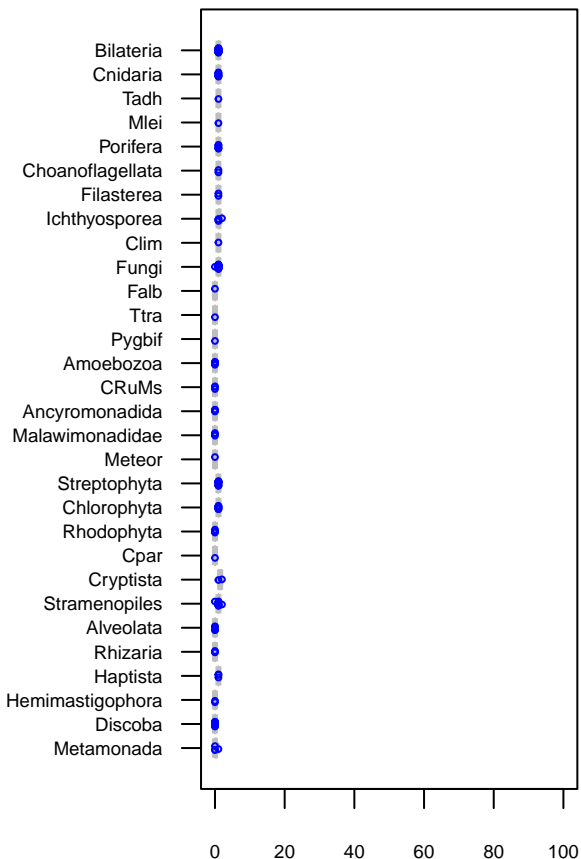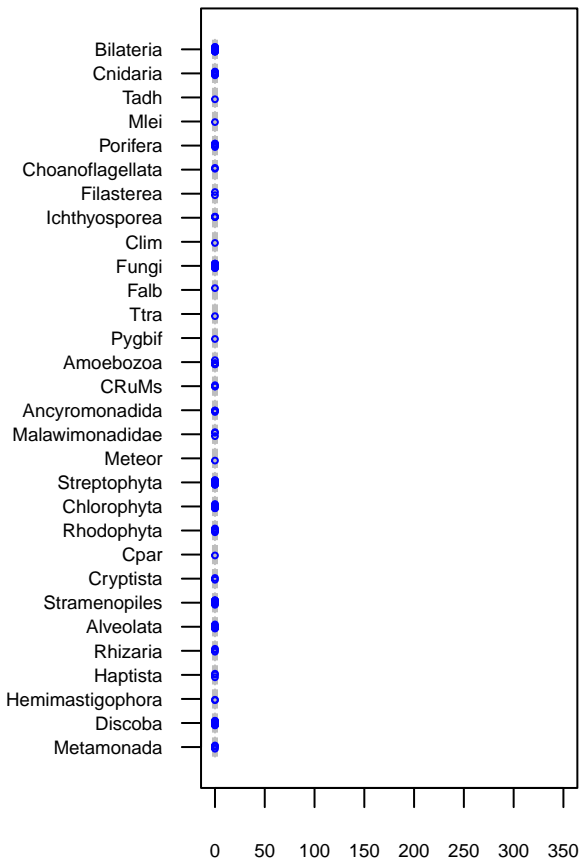
KAT11 gene counts in descendant nodes

Bilateria
Cnidaria
Tadh
Mlei
Porifera
Choanoflagellata
Filasterea
Ichthyosporea
Clim
Fungi
Falb
Ttra
Pygbif
Amoebozoa
CRuMs
Ancyromonadida
Malawimonadidae
Meteor
Streptophyta
Chlorophyta
Rhodophyta
Cpar
Cryptista
Stramenopiles
Alveolata
Rhizaria
Haptista
Hemimastigophora
Discoba
Metamonada

0   50   100   150   200   250   300   350

Gains and losses in ancestral nodes, KAT11

StrAlv

SAR

SARHap

Viridiplantae

Archaeplastida

ArchaeCry

Diaphoratickes

Holomycota

Teretosporea

CniTri

BilCniTri

Metazoa

Choanozoa

Filozoa

Holozoa

Opisthokonta

Obazoa

Amorphea

AmorCRUM

−20   −10   0   10   20
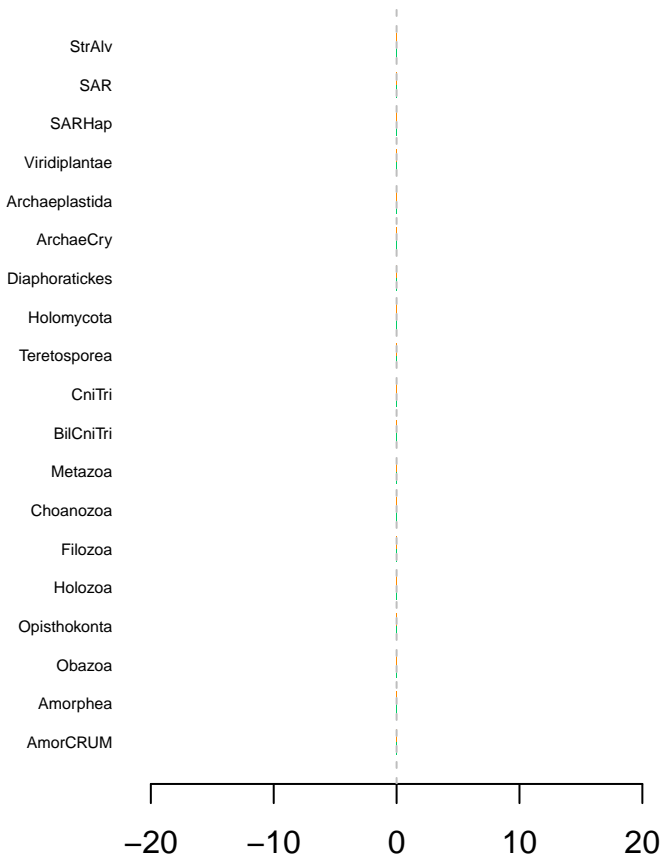
Gains and losses in extant nodes, KAT11

Metamonada
Discoba
Hemimastigophora
Haptista
Rhizaria
Alveolata
Stramenopiles
Cryptista
Cpar
Rhodophyta
Chlorophyta
Streptophyta
Meteor
Malawimonadidae
Ancyromonadida
CRuMs
Amoebozoa
Pygbif
Ttra
Falb
Fungi
Clim
Ichthyosporea
Filasterea
Choanoflagellata
Porifera
Mlei
Tadh
Cnidaria
Bilateria

−40   −20   0   20   40
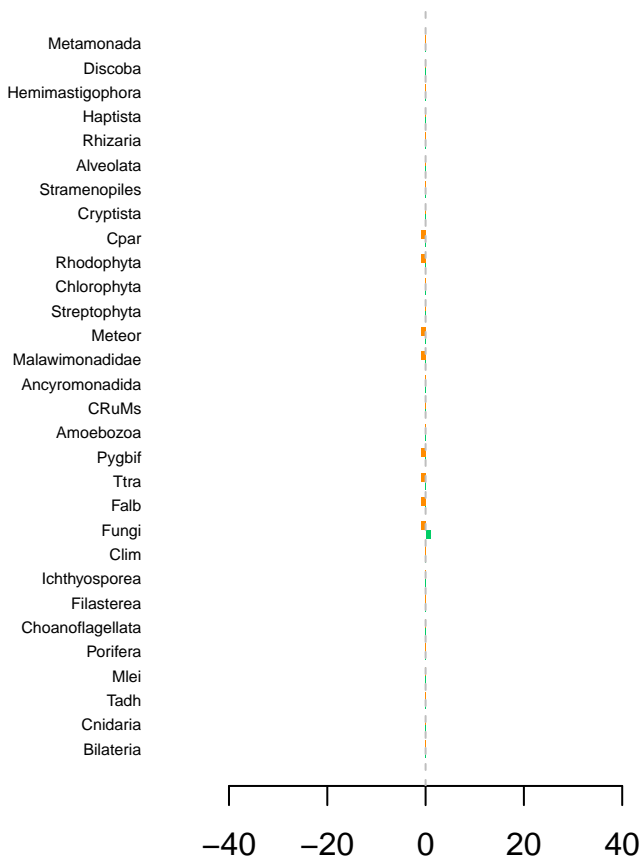
Presence in extant nodes, KAT11

Metamonada n = 1
Discoba n = 1
Hemimastigophora n = 1
Haptista n = 1
Rhizaria n = 1
Alveolata n = 1
Stramenopiles n = 1
Cryptista n = 1
Cpar n = 0
Rhodophyta n = 0
Chlorophyta n = 1
Streptophyta n = 1
Meteor n = 0
Malawimonadidae n = 0
Ancyromonadida n = 1
CRuMs n = 1
Amoebozoa n = 1
Pygbif n = 0
Ttra n = 0
Falb n = 0
Fungi n = 1
Clim n = 1
Ichthyosporea n = 1
Filasterea n = 1
Choanoflagellata n = 1
Porifera n = 1
Mlei n = 1
Tadh n = 1
Cnidaria n = 1
Bilateria n = 1

0   20   40   60   80   100

Presence in ancestral nodes, KAT11

StrAlv n = 1
SAR n = 1
SARHap n = 1
Viridiplantae n = 1
Archaeplastida n = 1
ArchaeCry n = 1
Diaphoratickes n = 1
Holomycota n = 1
Teretosporea n = 1
CniTri n = 1
BilCniTri n = 1
Metazoa n = 1
Choanozoa n = 1
Filozoa n = 1
Holozoa n = 1
Opisthokonta n = 1
Obazoa n = 1
Amorphea n = 1
AmorCRUM n = 1

0   20   40   60   80   100