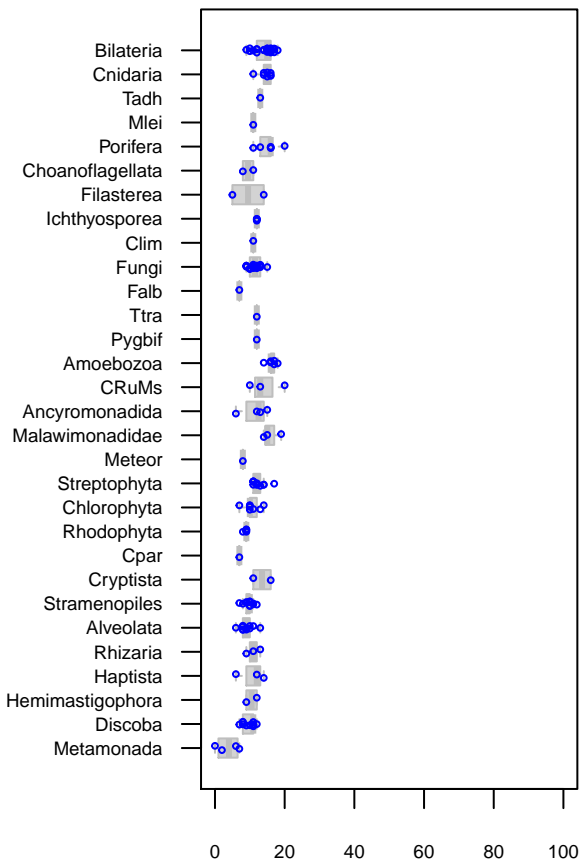# Chaperones OG counts in descendant nodes
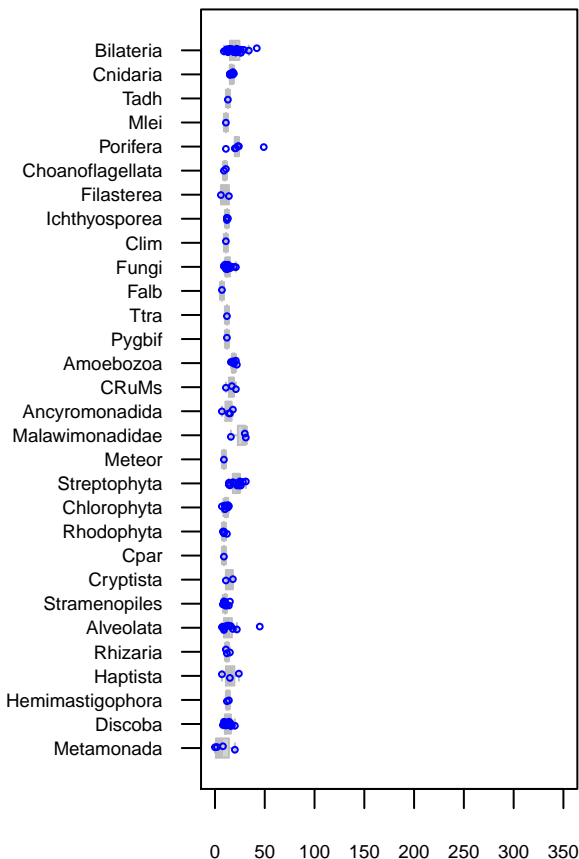
Chaperones gene counts in descendant nodes

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, Chaperones

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

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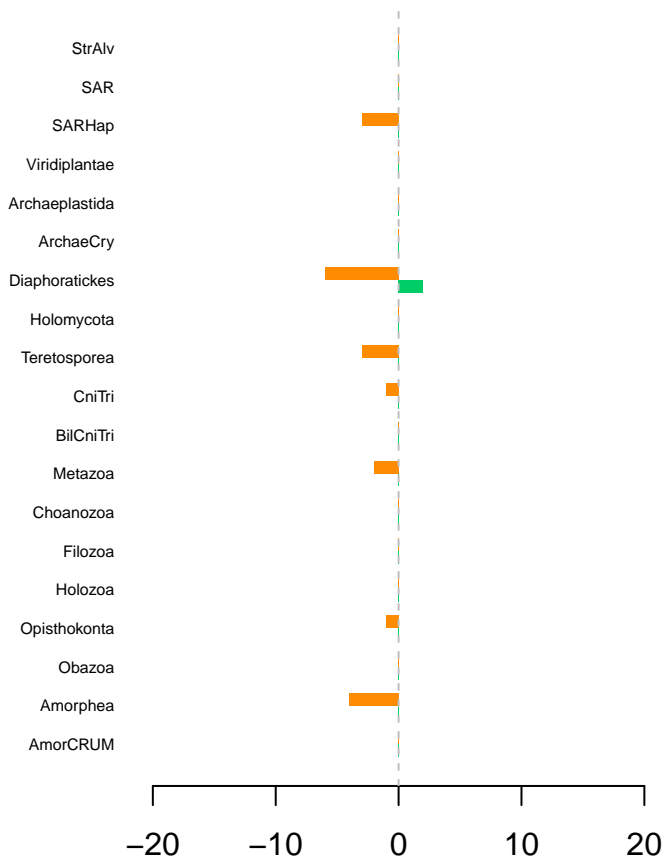
Gains and losses in extant nodes, Chaperones

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
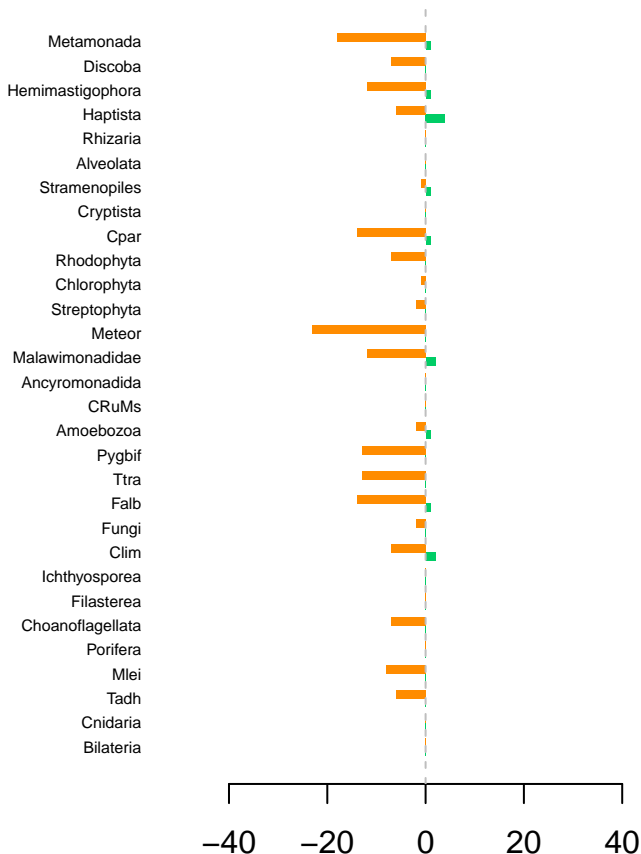
Presence in extant nodes, Chaperones

Metamonada n = 10	
Discoba n = 19	
nimastigophora n = 16	
Haptista n = 19	
Rhizaria n = 20	
Alveolata n = 17	
Stramenopiles n = 16	
Cryptista n = 21	
Cpar n = 7	
Rhodophyta n = 11	
Chlorophyta n = 14	
Streptophyta n = 15	
Meteor n = 8	
lawimonadidae n = 20	
ncyromonadida n = 28	
CRuMs n = 29	
Amoebozoa n = 23	
Pygbif n = 12	
Ttra n = 12	
Falb n = 7	
Fungi n = 16	
Clim n = 11	
Ichthyosporea n = 15	
Filasterea n = 21	
hoanoflagellata n = 13	
Porifera n = 18	
Mlei n = 11	
Tadh n = 13	
Cnidaria n = 19	
Bilateria n = 20	

0   20   40   60   80   100

Presence in ancestral nodes, Chaperones

Label	Value
StrAlv n = 20	
SAR n = 20	
SARHap n = 20	
Viridiplantae n = 17	
Archaeplastida n = 20	
ArchaeCry n = 23	
Diaphoratickes n = 23	
Holomycota n = 20	
Teretosporea n = 16	
CniTri n = 19	
BilCniTri n = 21	
Metazoa n = 19	
Choanozoa n = 22	
Filozoa n = 22	
Holozoa n = 21	
Opisthokonta n = 22	
Obazoa n = 25	
Amorphea n = 25	
AmorCRUM n = 31	

0   20   40   60   80   100