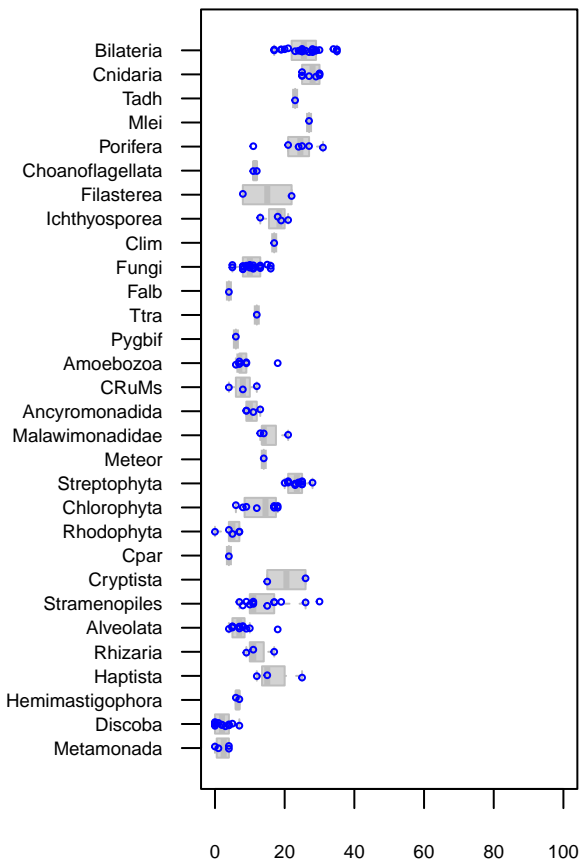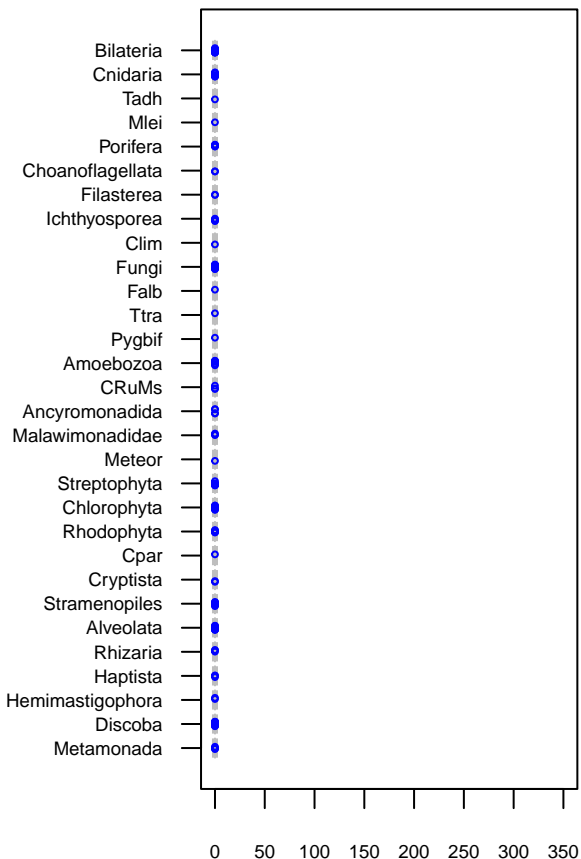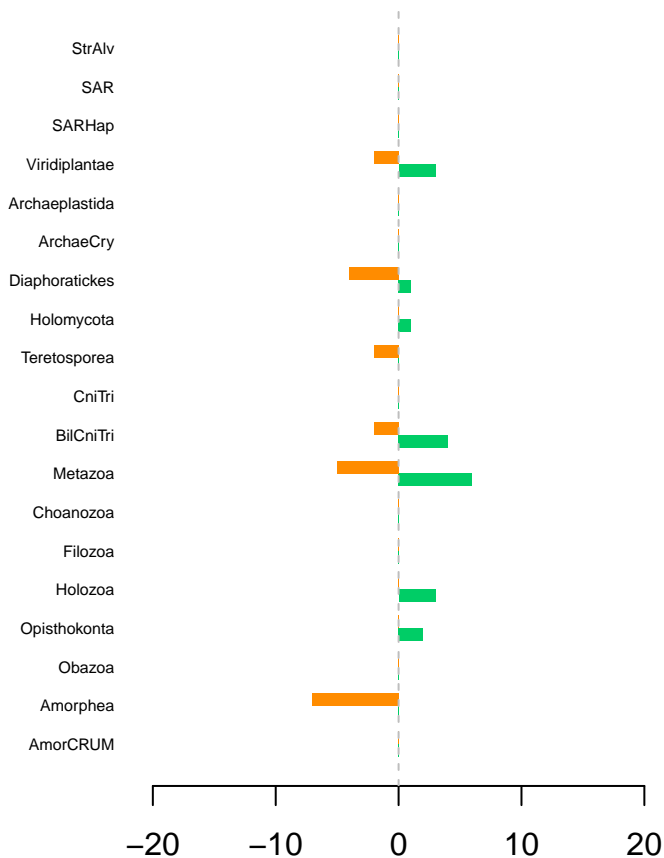# PHD OG counts in descendant nodes
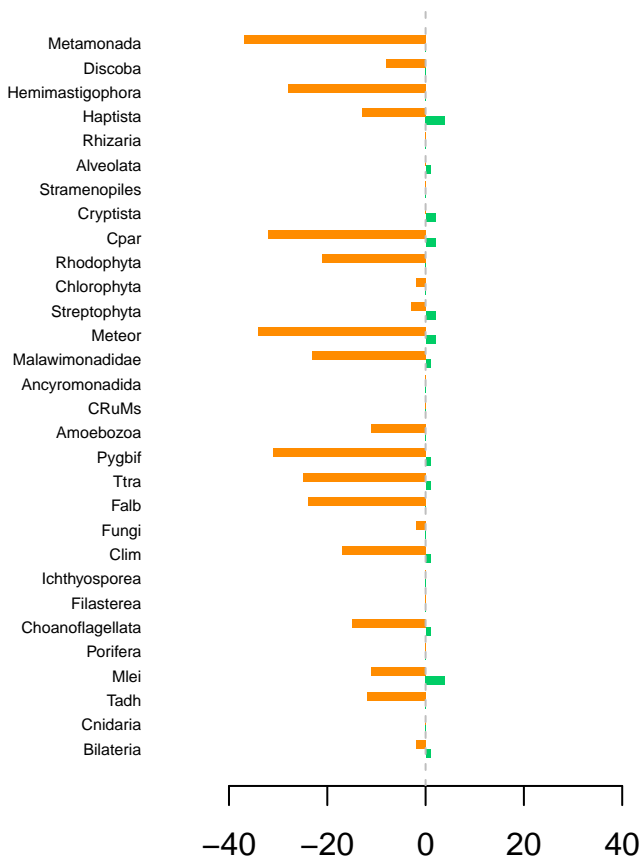
PHD gene counts in descendant nodes

Gains and losses in ancestral nodes, PHD

Gains and losses in extant nodes, PHD

Presence in extant nodes, PHD

Taxon	
Metamonada n = 6	
Discoba n = 23	
nimastigophora n = 15	
Haptista n = 31	
Rhizaria n = 41	
Alveolata n = 35	
Stramenopiles n = 39	
Cryptista n = 36	
Cpar n = 4	
Rhodophyta n = 11	
Chlorophyta n = 28	
Streptophyta n = 33	
Meteor n = 14	
lawimonadidae n = 24	
ncyromonadida n = 36	
CRuMs n = 43	
Amoebozoa n = 24	
Pygbif n = 6	
Ttra n = 12	
Falb n = 4	
Fungi n = 20	
Clim n = 17	
Ichthyosporea n = 31	
Filasterea n = 33	
hoanoflagellata n = 17	
Porifera n = 34	
Mlei n = 27	
Tadh n = 23	
Cnidaria n = 35	
Bilateria n = 34	

0   20   40   60   80   100

Presence in ancestral nodes, PHD

Label	
StrAlv n = 40	
SAR n = 41	
SARHap n = 41	
Viridiplantae n = 32	
Archaeplastida n = 34	
ArchaeCry n = 39	
Diaphoratickes n = 40	
Holomycota n = 28	
Teretosporea n = 33	
CniTri n = 35	
BilCniTri n = 35	
Metazoa n = 34	
Choanozoa n = 34	
Filozoa n = 35	
Holozoa n = 34	
Opisthokonta n = 33	
Obazoa n = 36	
Amorphea n = 36	
AmorCRUM n = 46	

0   20   40   60   80   100