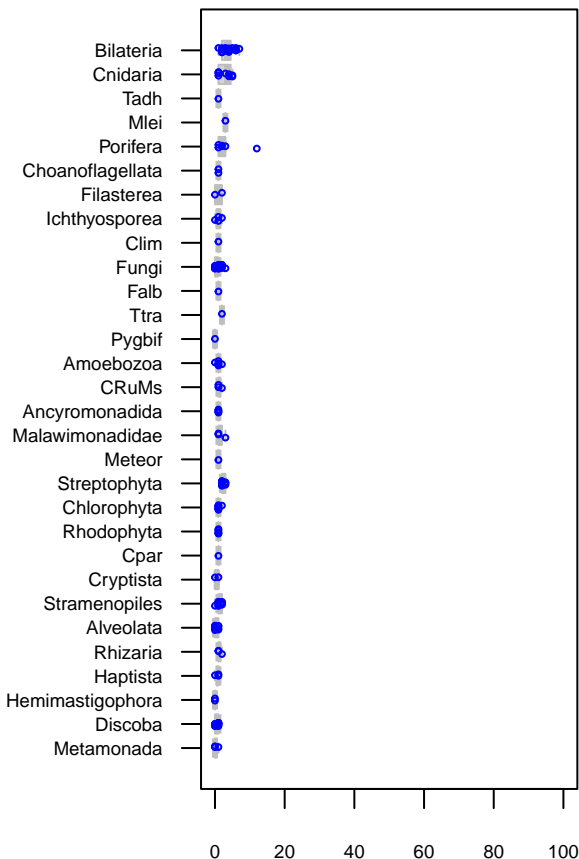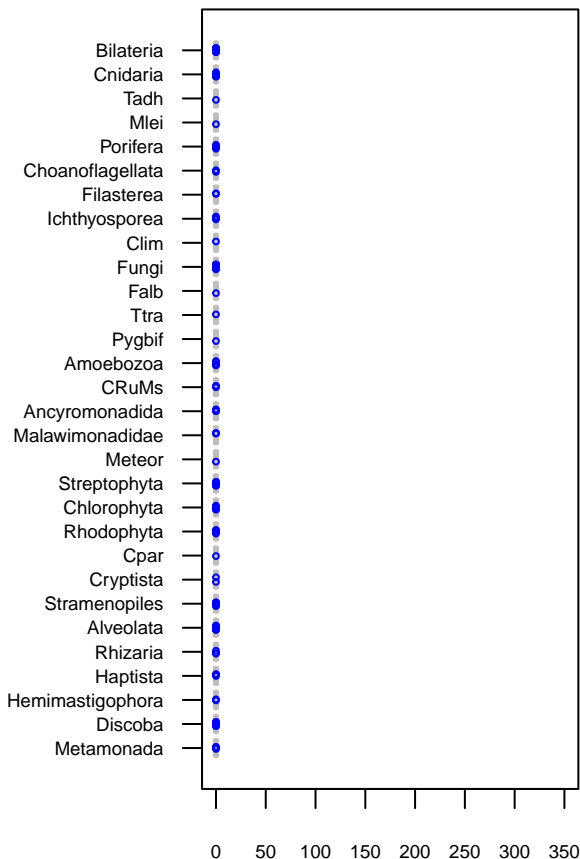**LinkerHistone OG counts in descendant nodes**
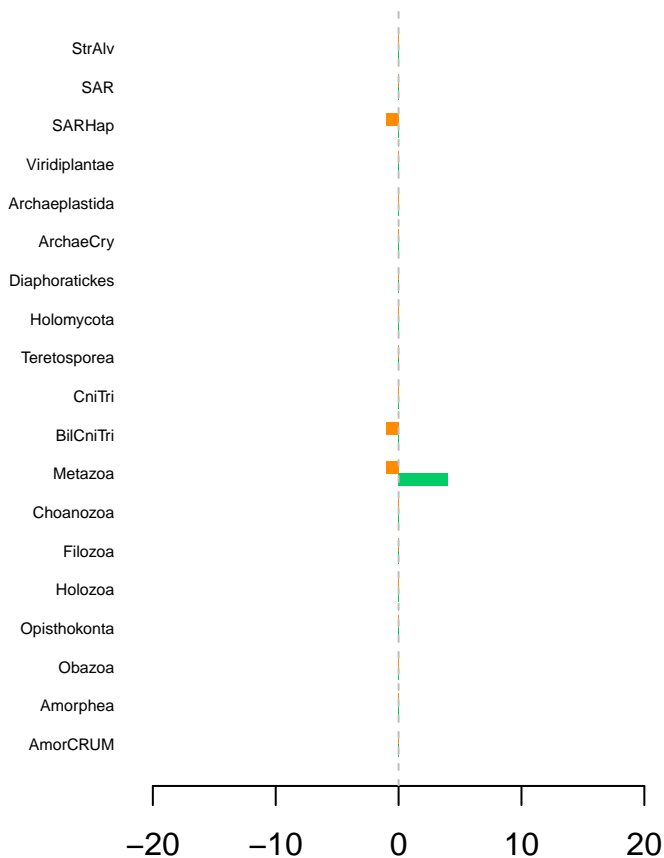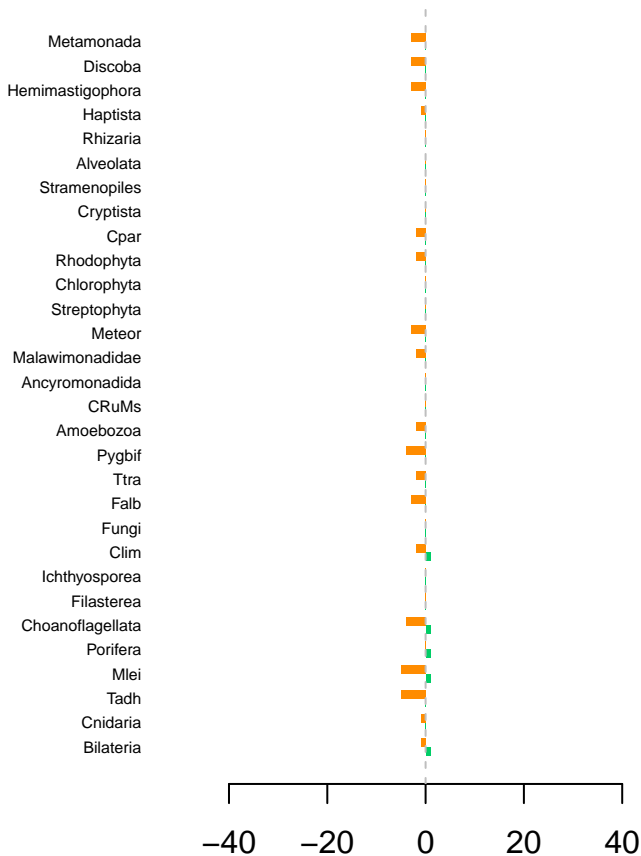
LinkerHistone gene counts in descendant nodes

Gains and losses in ancestral nodes, LinkerHistone

Gains and losses in extant nodes, LinkerHistone

Presence in extant nodes, LinkerHistone

Metamonada n = 1
Discoba n = 1
Hemimastigophora n = 1
Haptista n = 1
Rhizaria n = 2
Alveolata n = 2
Stramenopiles n = 2
Cryptista n = 2
Cpar n = 1
Rhodophyta n = 1
Chlorophyta n = 2
Streptophyta n = 3
Meteor n = 1
Malawimonadidae n = 2
Ancyromonadida n = 4
CRuMs n = 4
Amoebozoa n = 2
Pygbif n = 0
Ttra n = 2
Falb n = 1
Fungi n = 2
Clim n = 1
Ichthyosporea n = 2
Filasterea n = 4
Choanoflagellata n = 1
Porifera n = 8
Mlei n = 3
Tadh n = 1
Cnidaria n = 5
Bilateria n = 7

0   20   40   60   80   100

Presence in ancestral nodes, LinkerHistone

StrAlv n = 2	
SAR n = 2	
SARHap n = 2	
Viridiplantae n = 3	
Archaeplastida n = 3	
ArchaeCry n = 4	
Diaphoratickes n = 4	
Holomycota n = 4	
Teretosporea n = 2	
CniTri n = 6	
BilCniTri n = 6	
Metazoa n = 7	
Choanozoa n = 4	
Filozoa n = 4	
Holozoa n = 4	
Opisthokonta n = 4	
Obazoa n = 4	
Amorphea n = 4	
AmorCRUM n = 4	

0   20   40   60   80   100