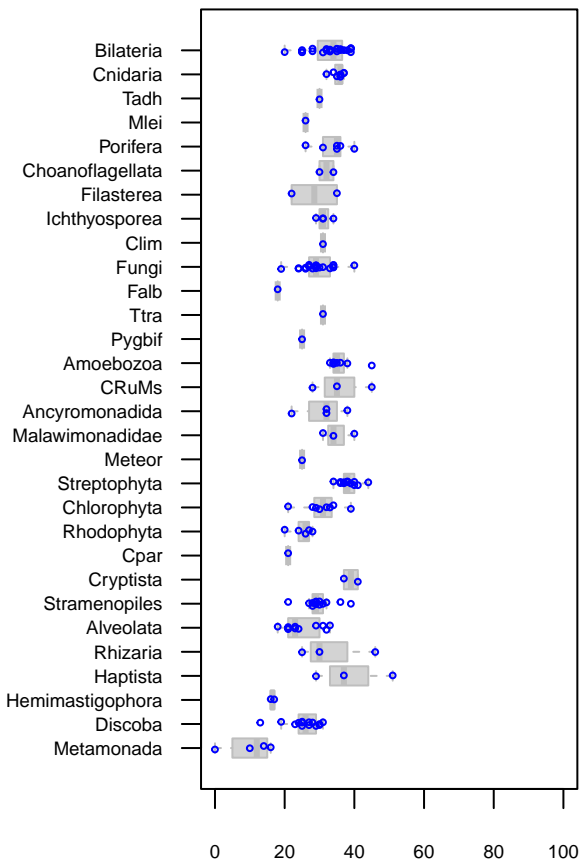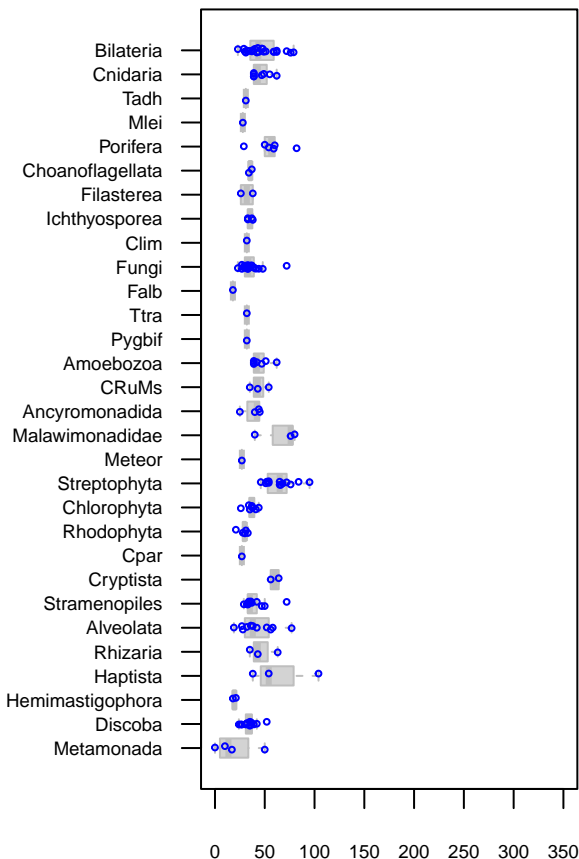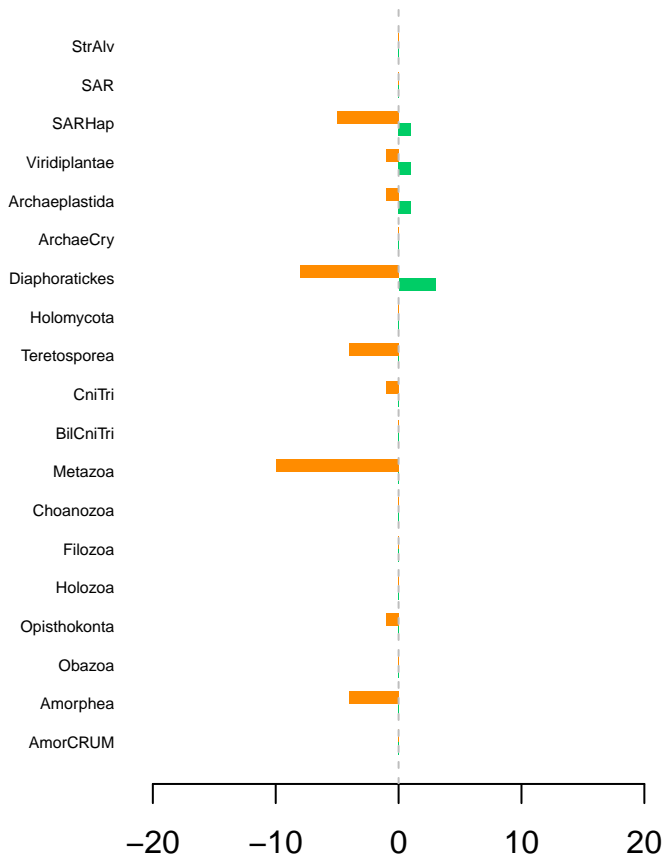**RemChap OG counts in descendant nodes**

RemChap gene counts in descendant nodes

Gains and losses in ancestral nodes, RemChap

Gains and losses in extant nodes, RemChap

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
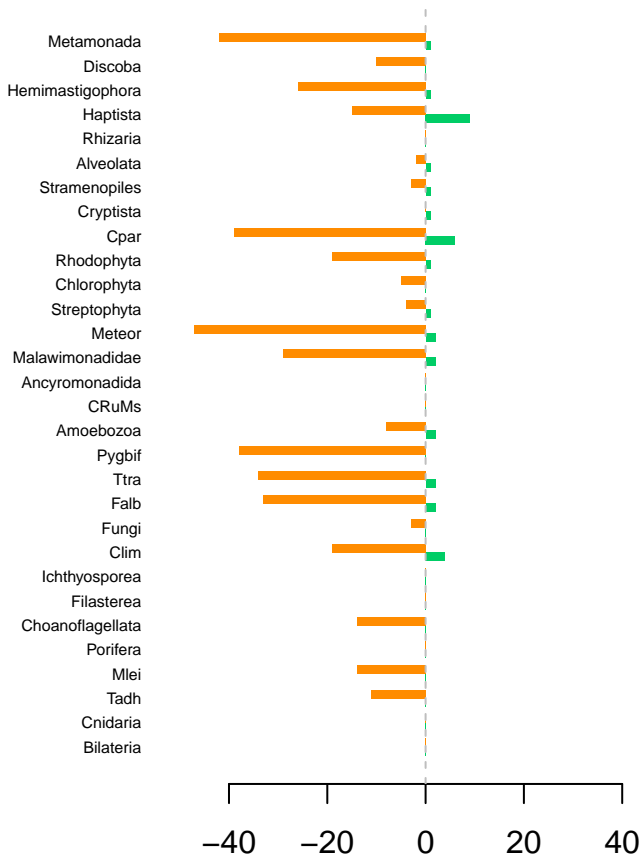
Presence in extant nodes, RemChap

Taxon	
Metamonada n = 24	
Discoba n = 50	
nimastigophora n = 39	
Haptista n = 52	
Rhizaria n = 57	
Alveolata n = 48	
Stramenopiles n = 49	
Cryptista n = 56	
Cpar n = 21	
Rhodophyta n = 33	
Chlorophyta n = 39	
Streptophyta n = 44	
Meteor n = 25	
lawimonadidae n = 41	
ncyromonadida n = 65	
CRuMs n = 67	
Amoebozoa n = 53	
Pygbif n = 25	
Ttra n = 31	
Falb n = 18	
Fungi n = 41	
Clim n = 31	
Ichthyosporea n = 43	
Filasterea n = 51	
hoanoflagellata n = 34	
Porifera n = 39	
Mlei n = 26	
Tadh n = 30	
Cnidaria n = 40	
Bilateria n = 41	

0   20   40   60   80   100

Presence in ancestral nodes, RemChap