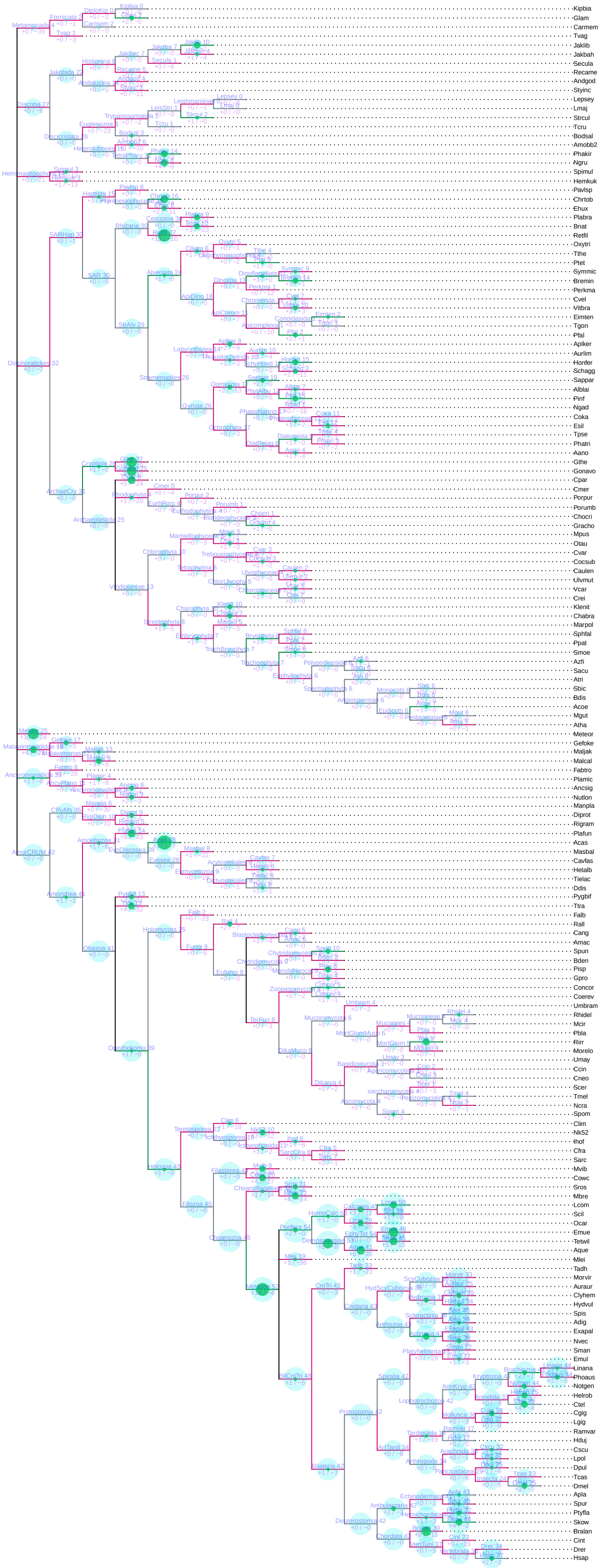
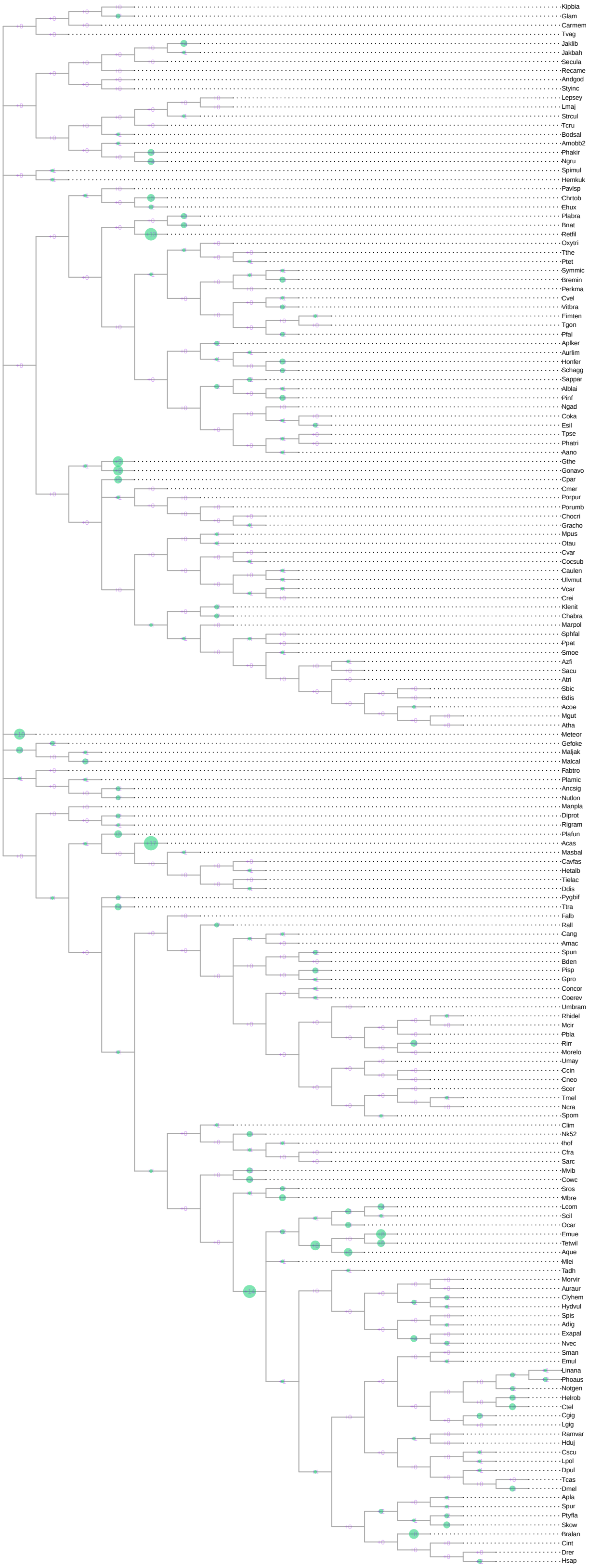
Presence and gains PC1



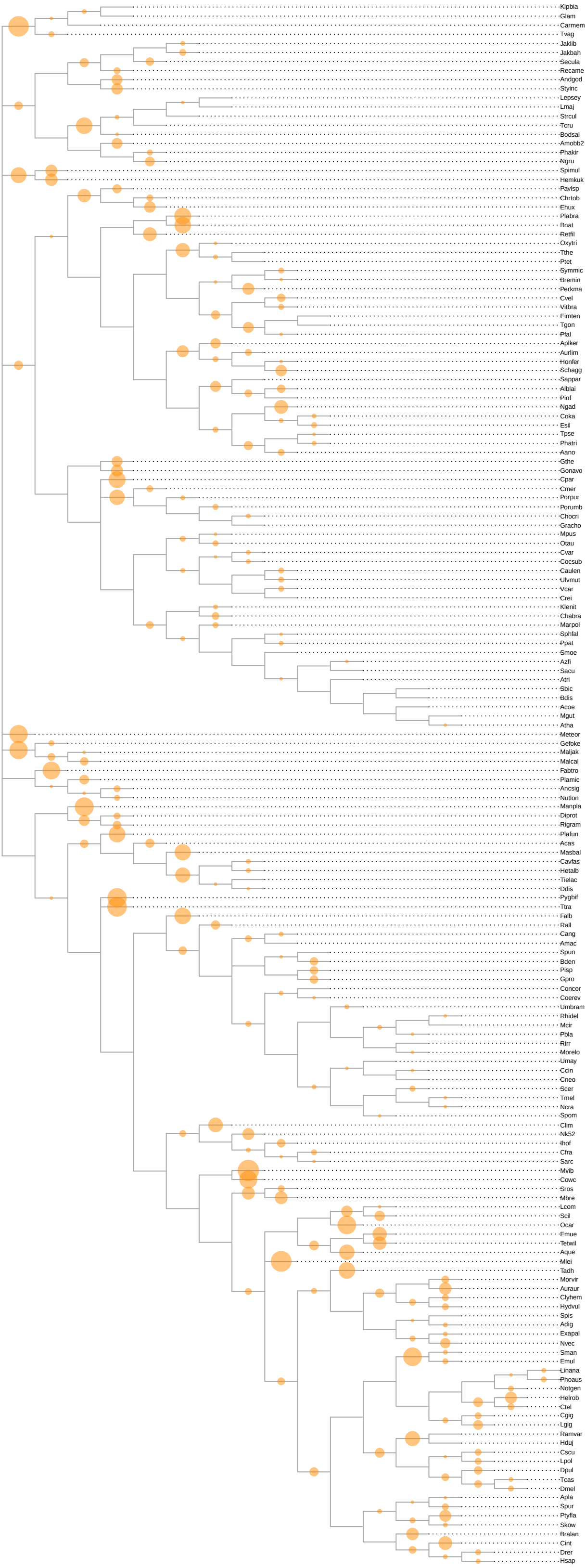
Root: Eukaryota | 42 | +0 | −0

Gains PC1

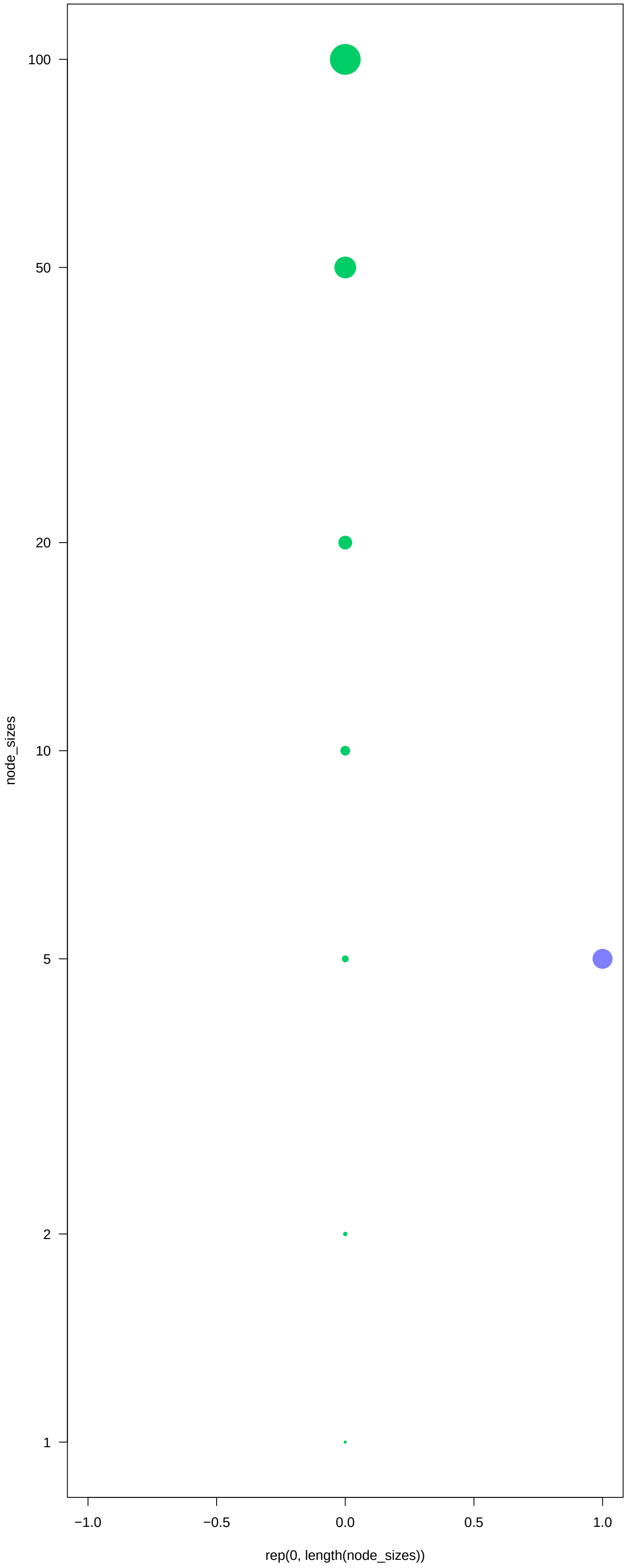


Root: Eukaryota | 42 | +0 | −0

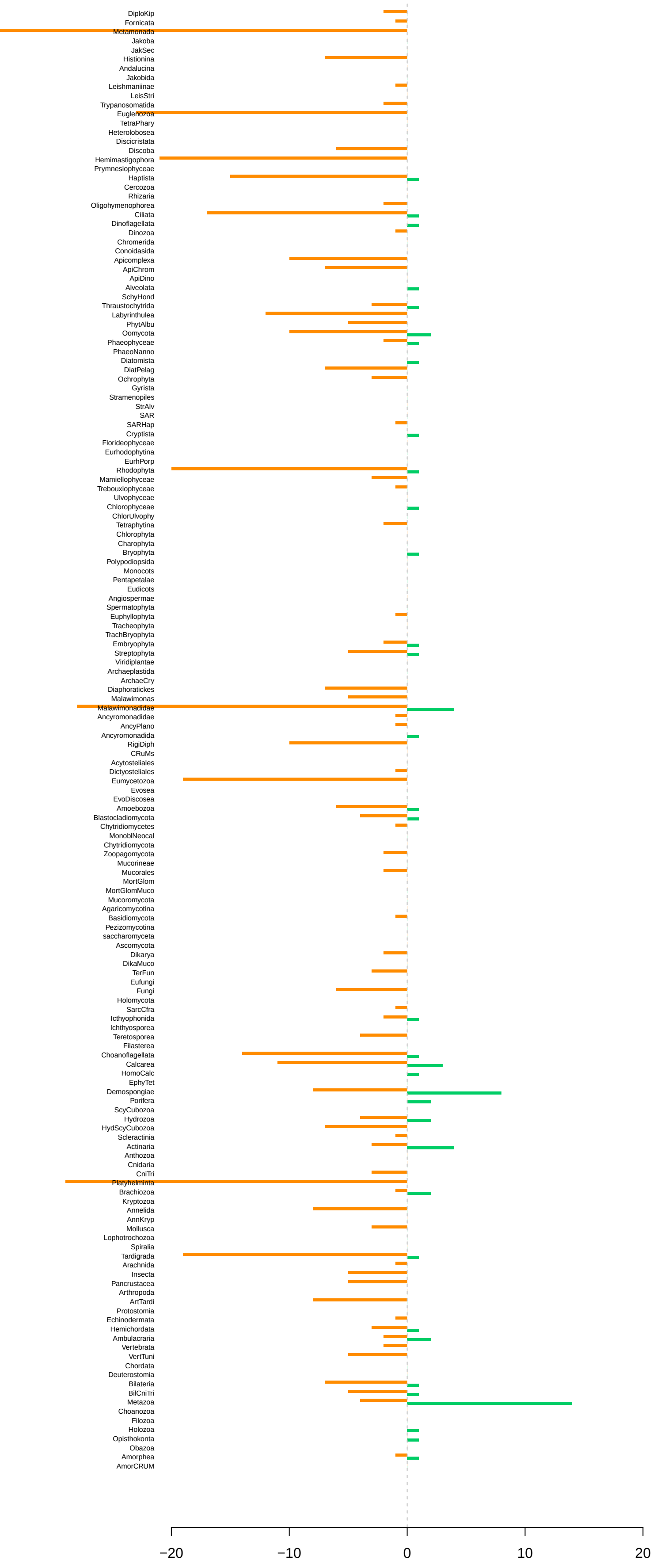
Losses PC1



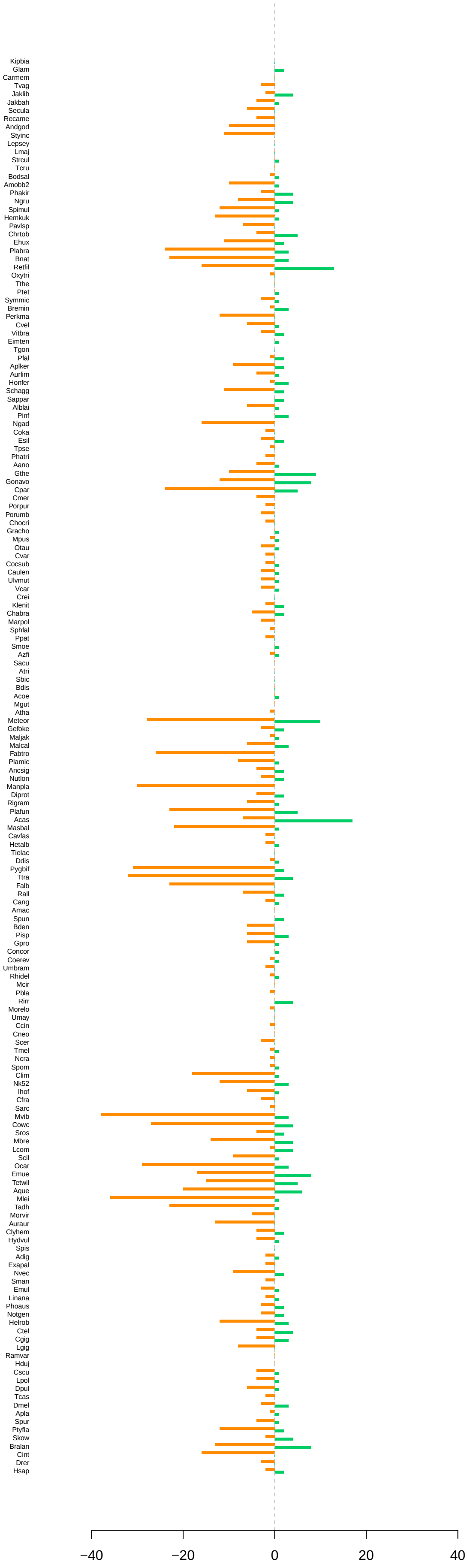
Root: Eukaryota | 42 | +0 | −0


100
50
20
10
5
2
1
node_sizes
−1.0
−0.5
0.0
0.5
1.0
rep(0, length(node_sizes))

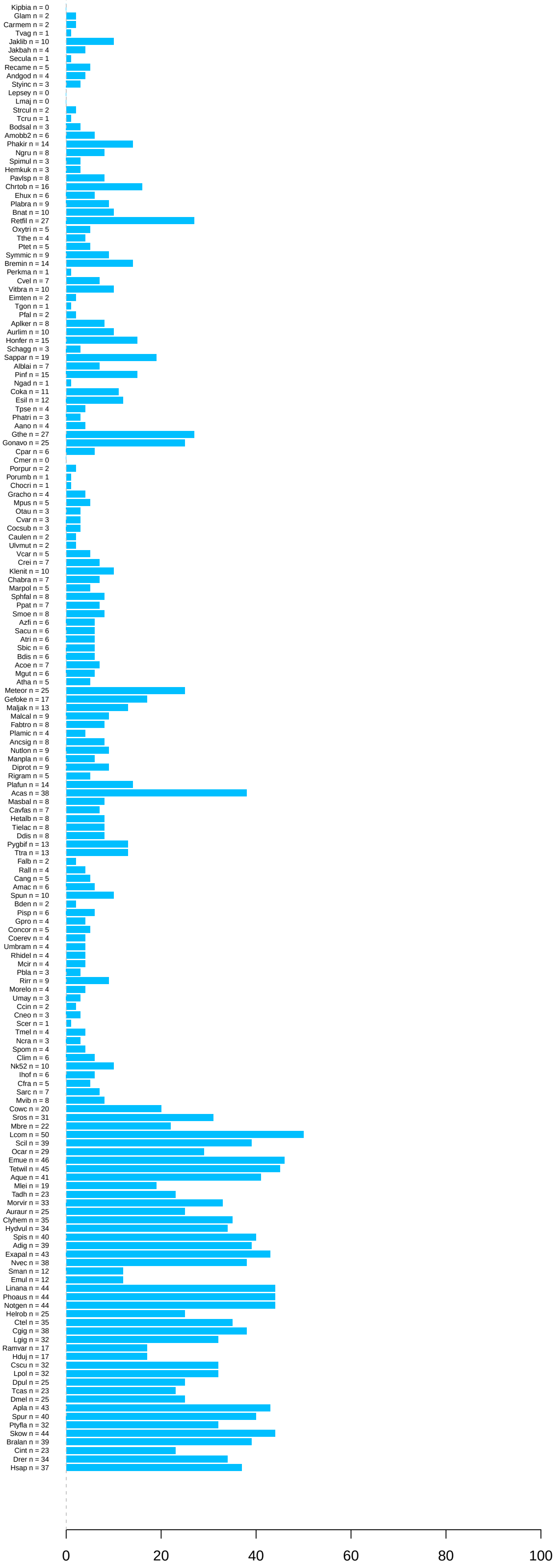
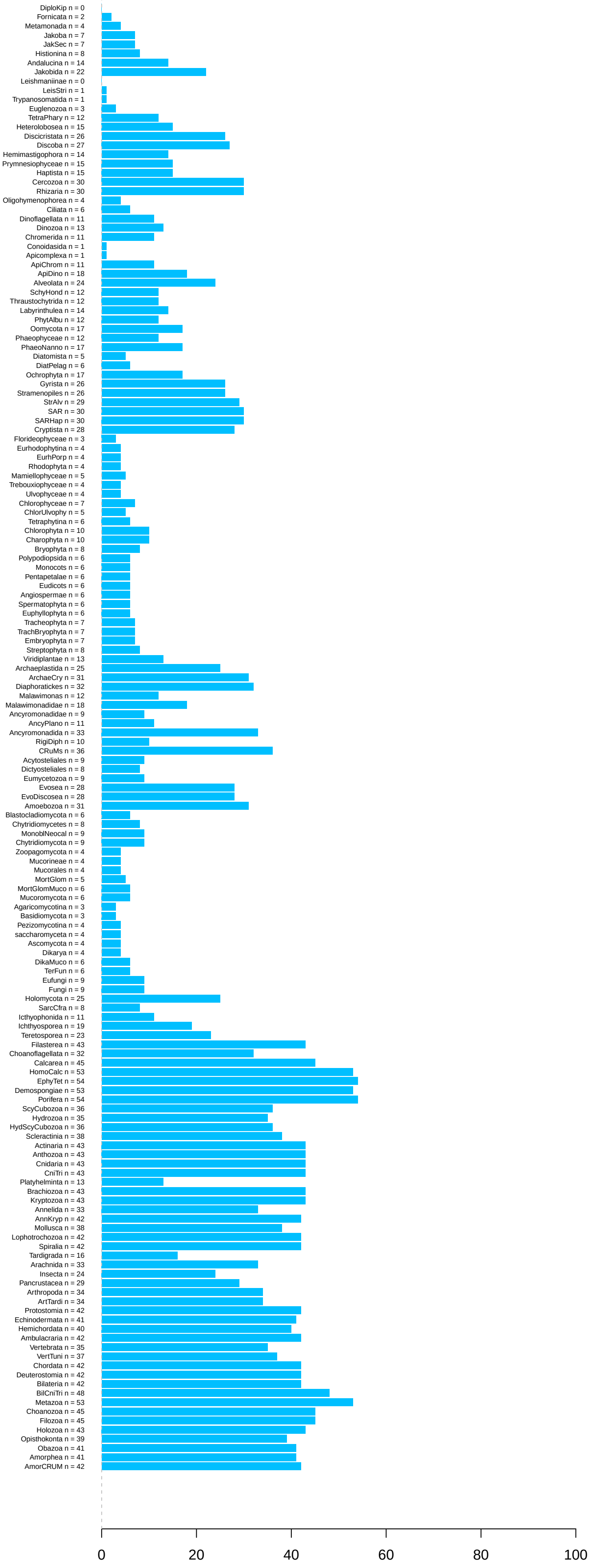
Gains and losses in ancestral nodes, PC1



Gains and losses in extant nodes, PC1



Presence in extant nodes, PC1



Presence in ancestral nodes, PC1