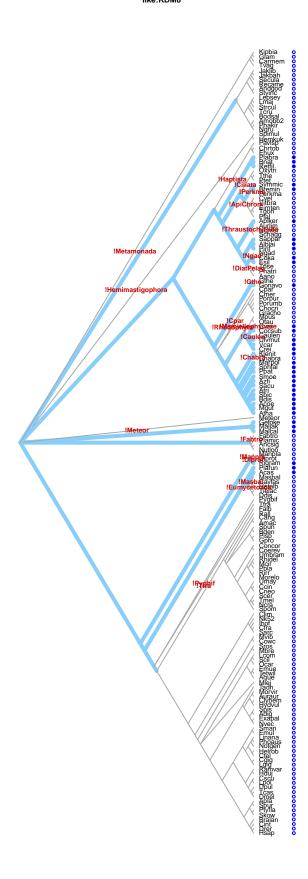




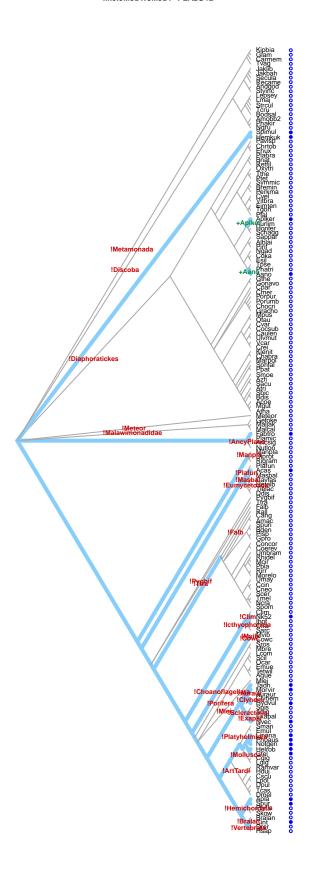


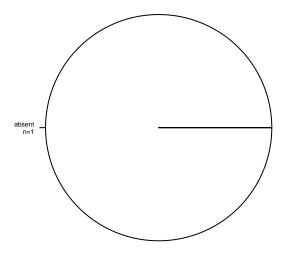
Gain: Chocri,Ngru,NA Presence Eukaryota prob = 0.46 Present: 9 Losses: NA



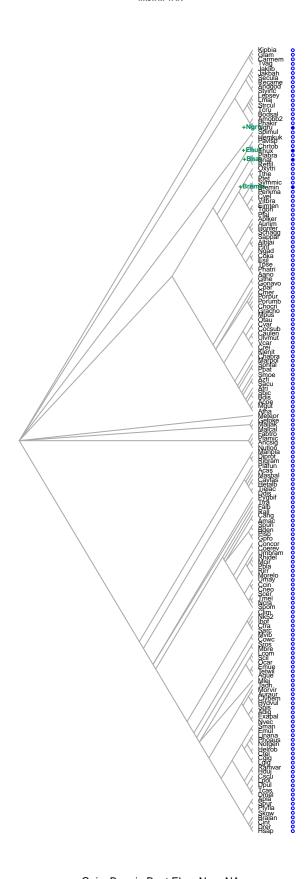






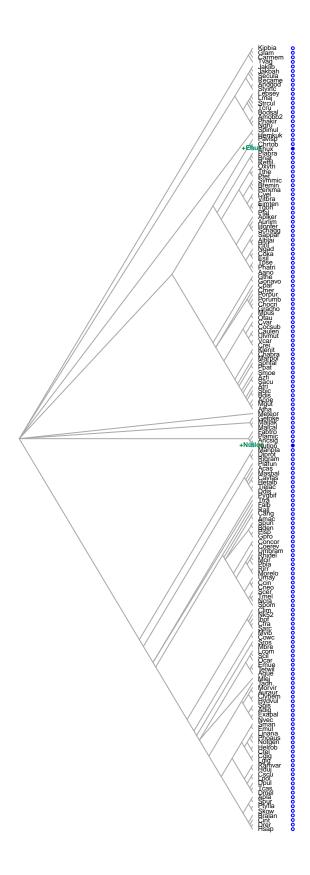




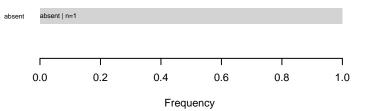




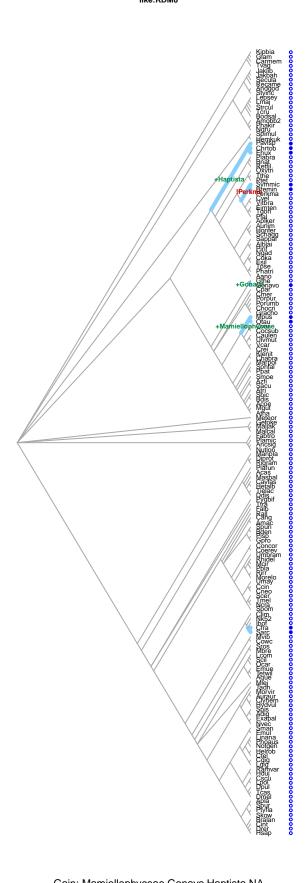


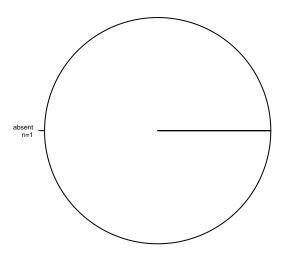


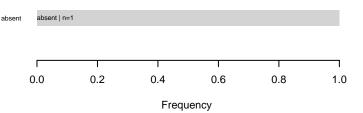


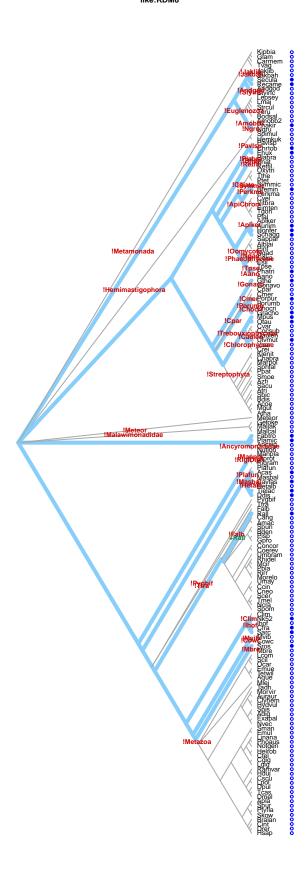


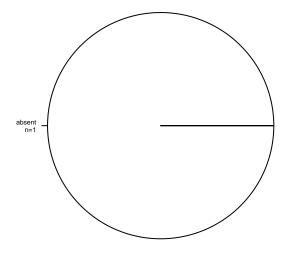
Gain: Nutlon,Ehux,NA
Presence Eukaryota prob = 0.02
Present: 2
Losses: NA





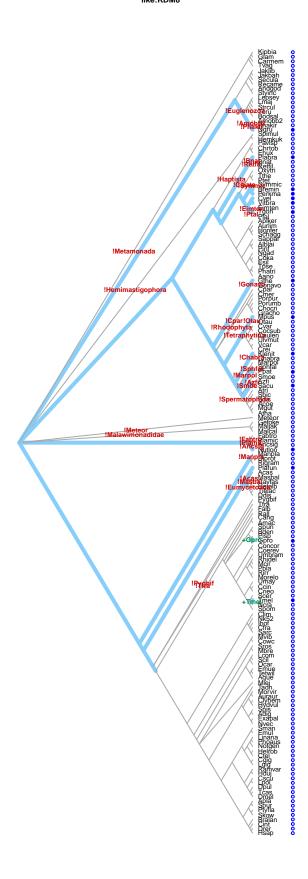






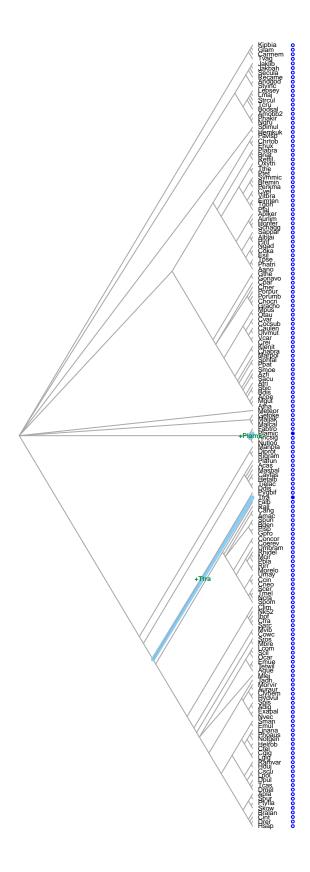


Gain: Rall,NA
Presence Eukaryota prob = 1.00
Present: 27
Losses: NA



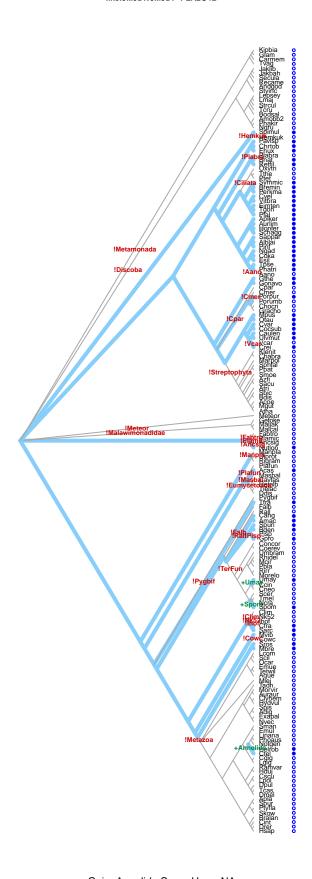


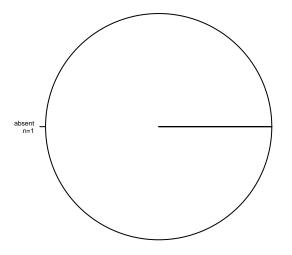




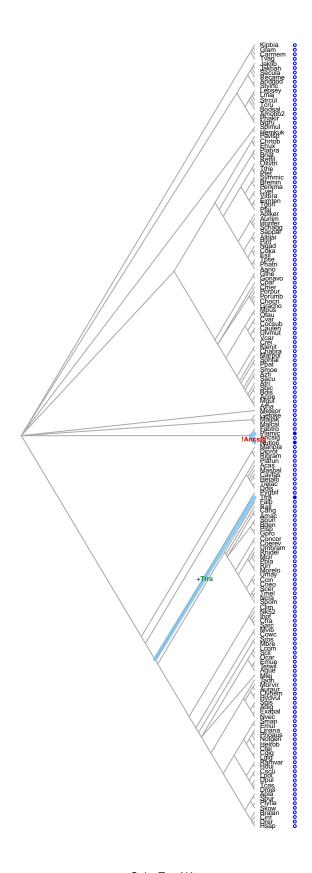


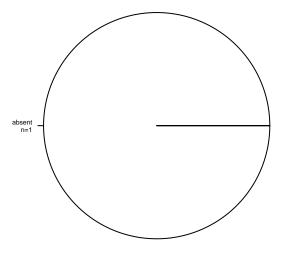






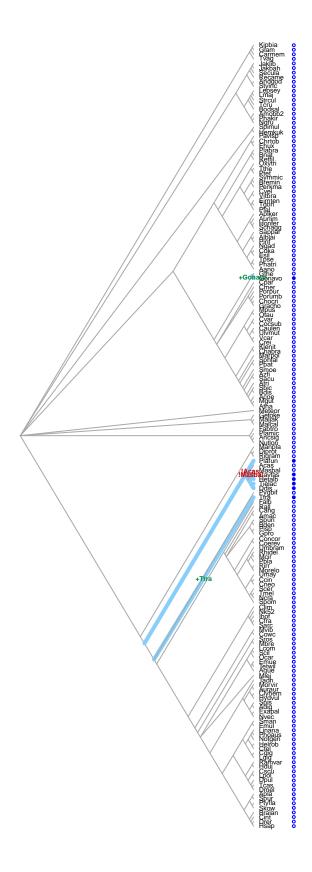
Gain: Annelida,Spom,Umay,NA Presence Eukaryota prob = 0.99 Present: 53 Losses: NA







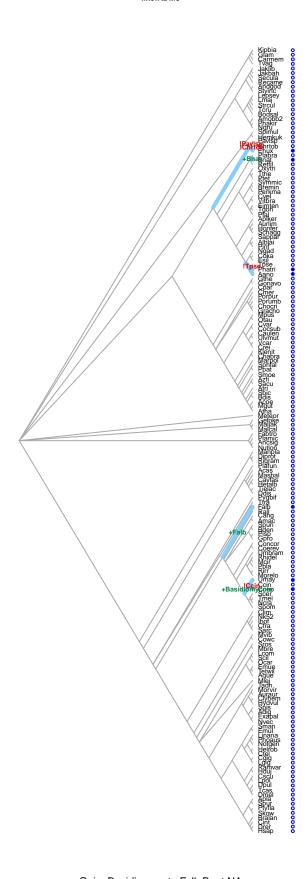
Gain: Ttra,NA
Presence Eukaryota prob = 0.33
Present: 3
Losses: NA

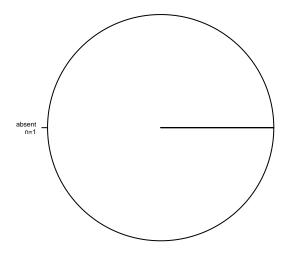




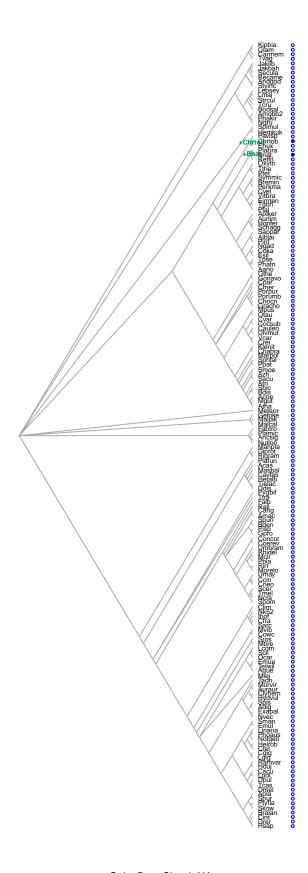


Gain: Ttra,Gonavo,NA
Presence Eukaryota prob = 0.33
Present: 7
Losses: NA





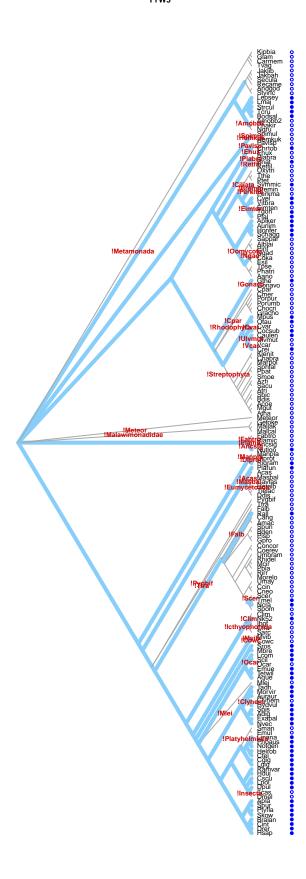


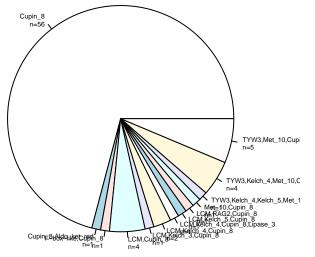


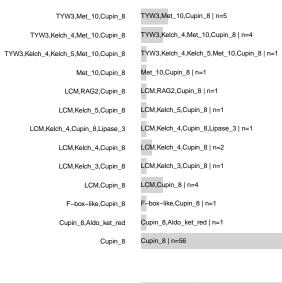


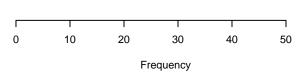


Gain: Bnat,Chrtob,NA
Presence Eukaryota prob = 0.02
Present: 2
Losses: NA

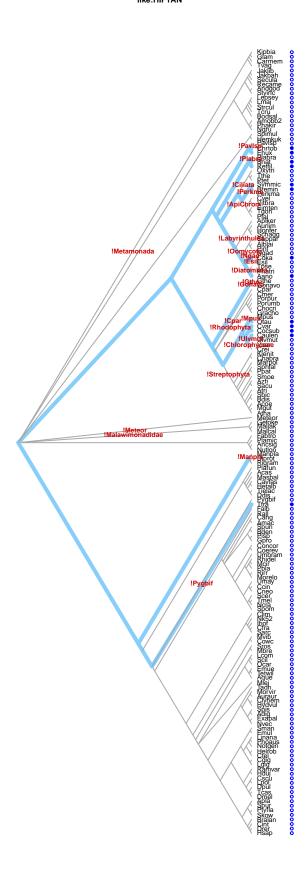


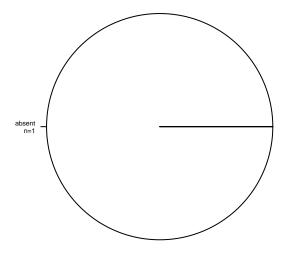






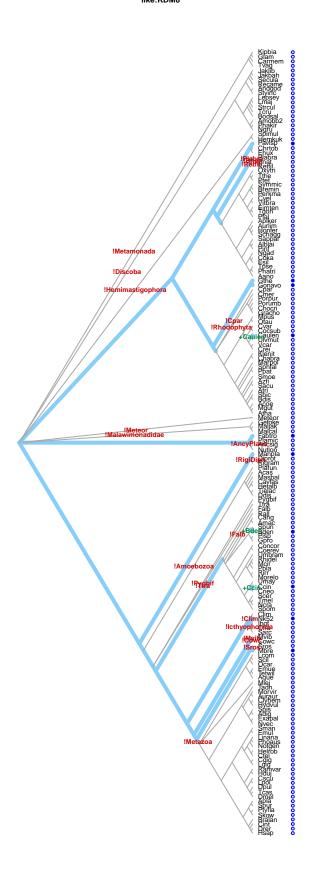
Gain: NA
Presence Eukaryota prob = 1.00
Present: 64
Losses: NA

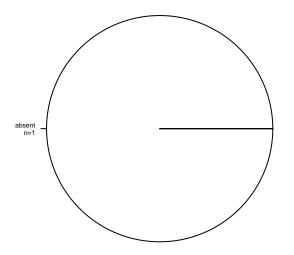






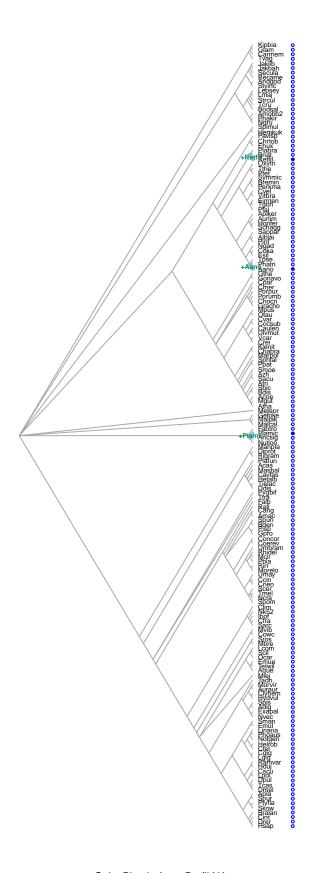
Gain: NA
Presence Eukaryota prob = 0.76
Present: 13
Losses: NA







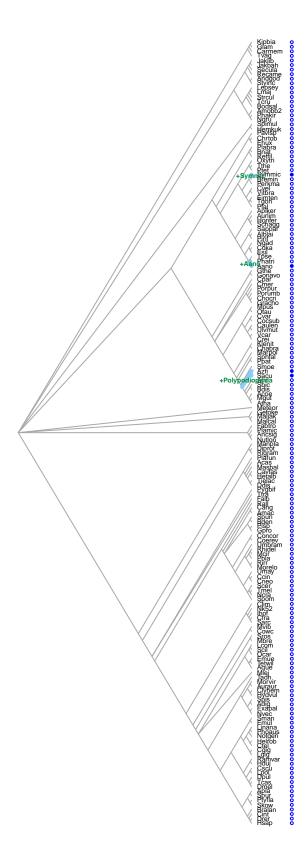
Gain: Ccin,Bden,Caulen,NA Presence Eukaryota prob = 0.97 Present: 10 Losses: NA



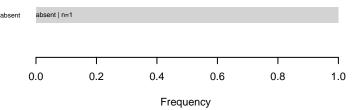


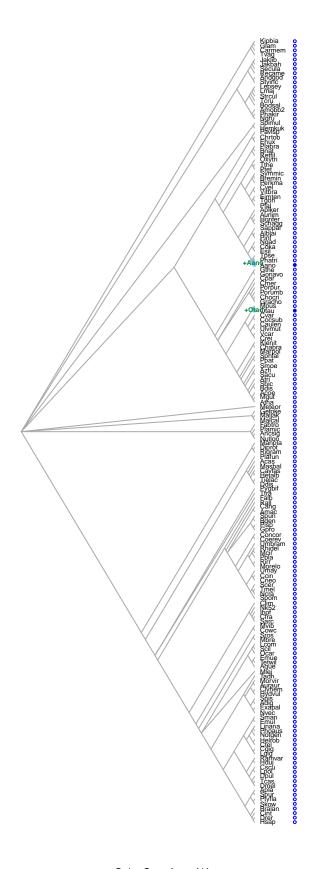


Gain: Plamic,Aano,Retfil,NA
Presence Eukaryota prob = 0.01
Present: 3
Losses: NA



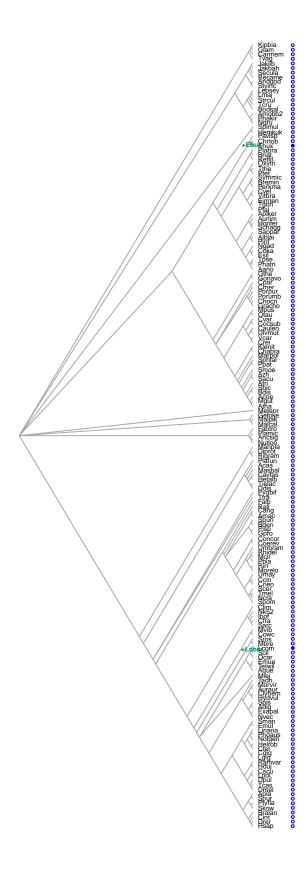






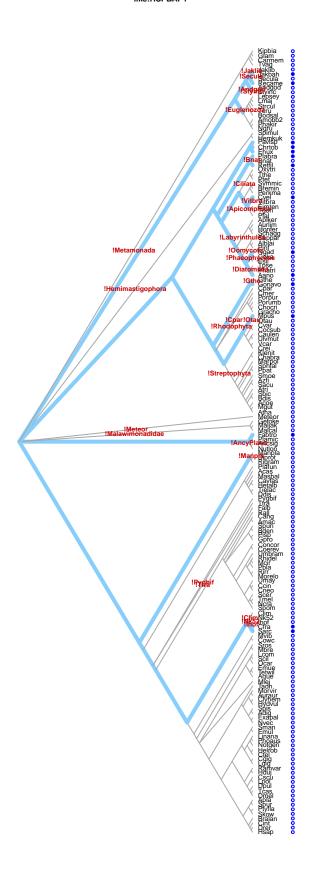


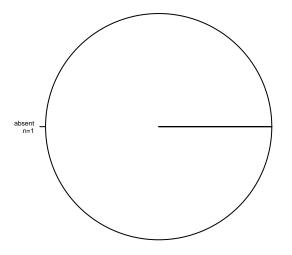


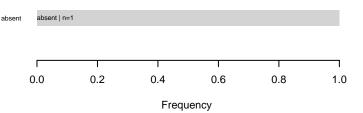




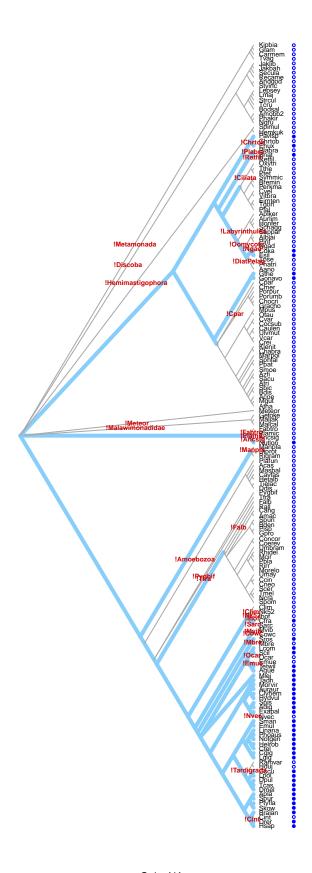


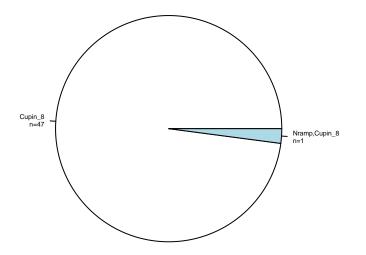


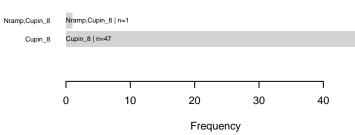




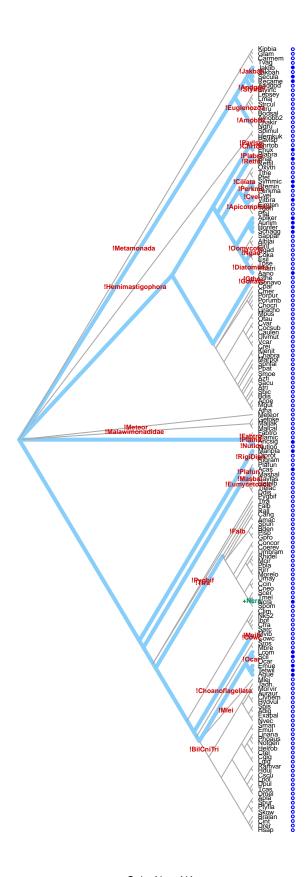
Gain: NA
Presence Eukaryota prob = 1.00
Present: 15
Losses: NA

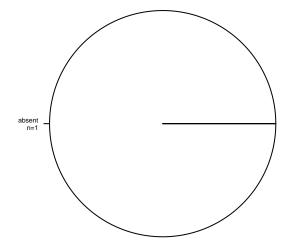


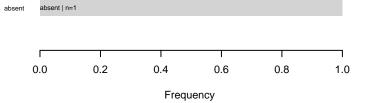




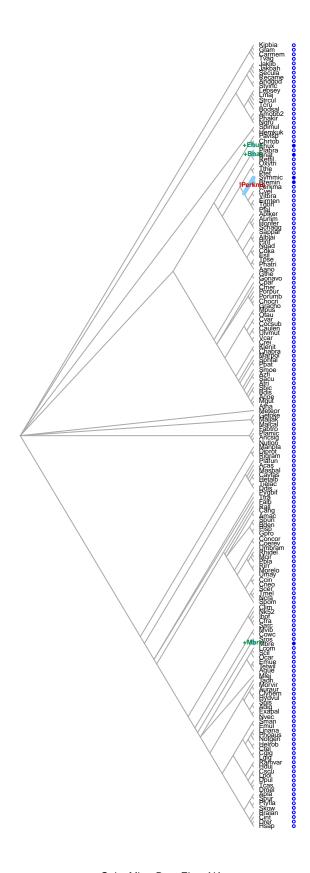
Gain: NA
Presence Eukaryota prob = 0.99
Present: 44
Losses: NA







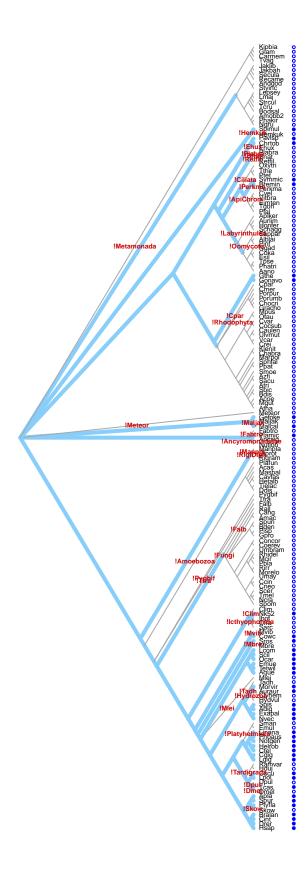
Gain: Ncra,NA
Presence Eukaryota prob = 1.00
Present: 22
Losses: NA

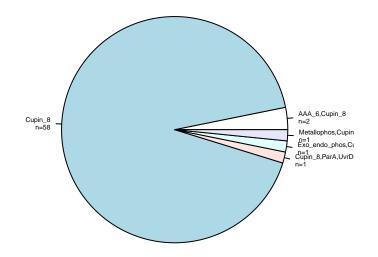


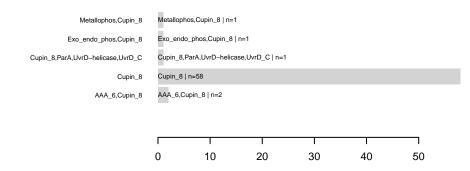




Gain: Mbre,Bnat,Ehux,NA
Presence Eukaryota prob = 0.11
Present: 5
Losses: NA

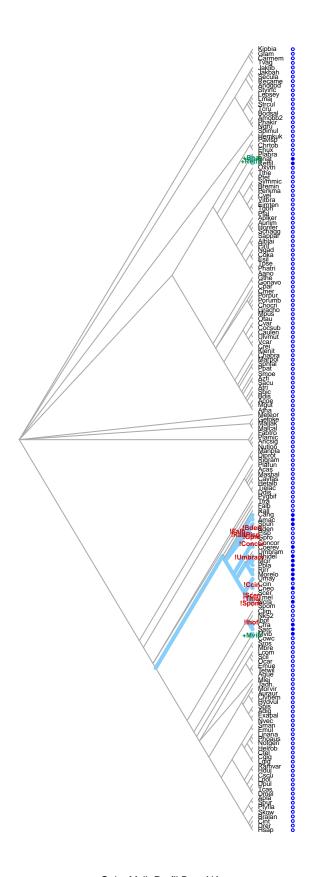


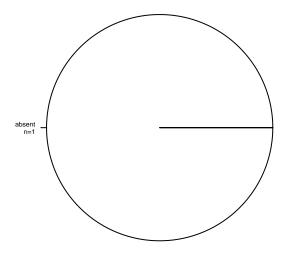




Frequency

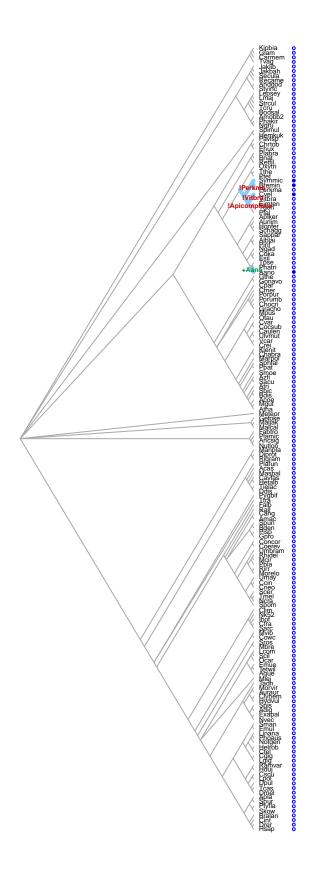
Gain: NA
Presence Eukaryota prob = 1.00
Present: 42
Losses: NA





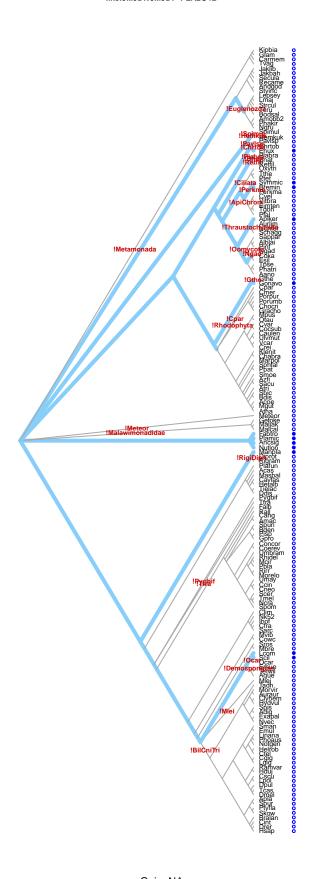


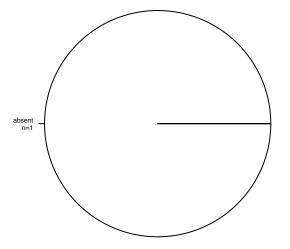
Gain: Mvib,Retfil,Bnat,NA
Presence Eukaryota prob = 0.23
Present: 17
Losses: NA



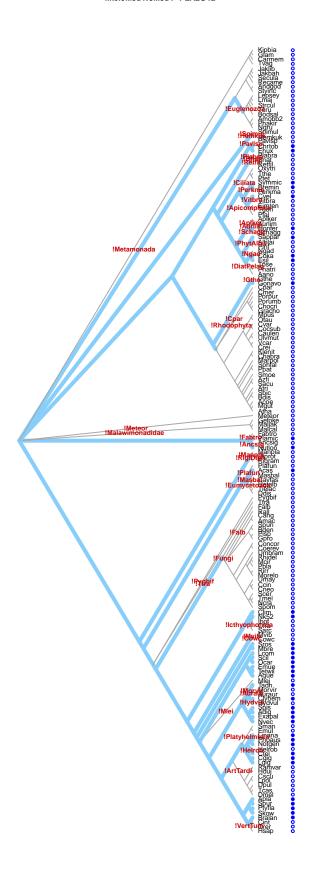




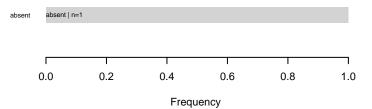


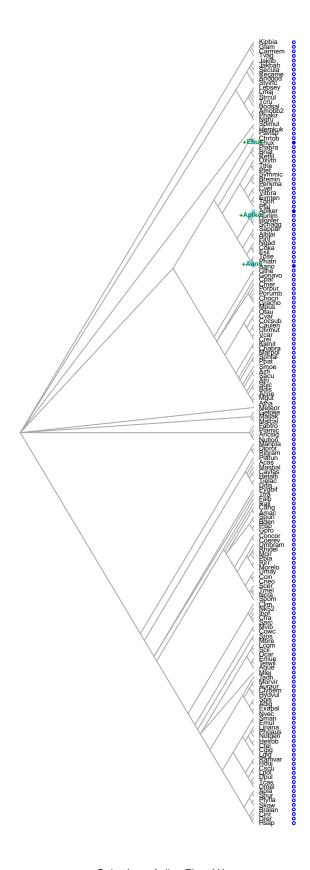








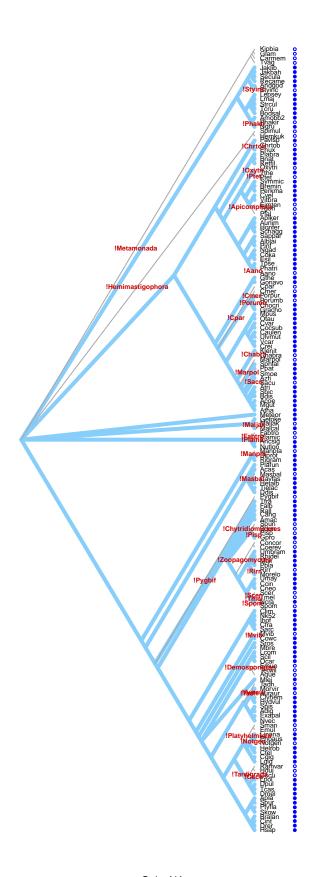


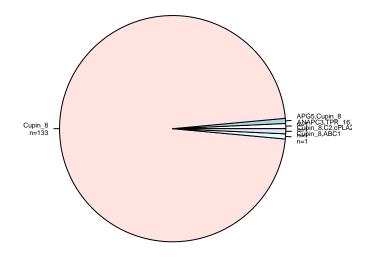


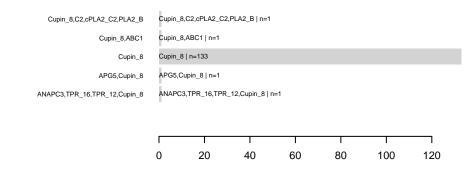




Gain: Aano,Aplker,Ehux,NA
Presence Eukaryota prob = 0.00
Present: 3
Losses: NA

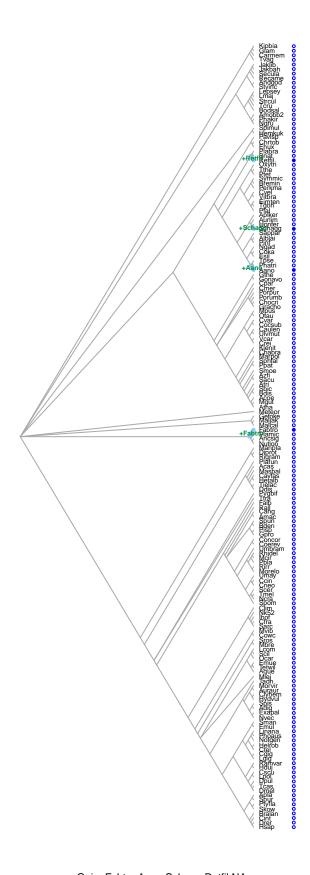






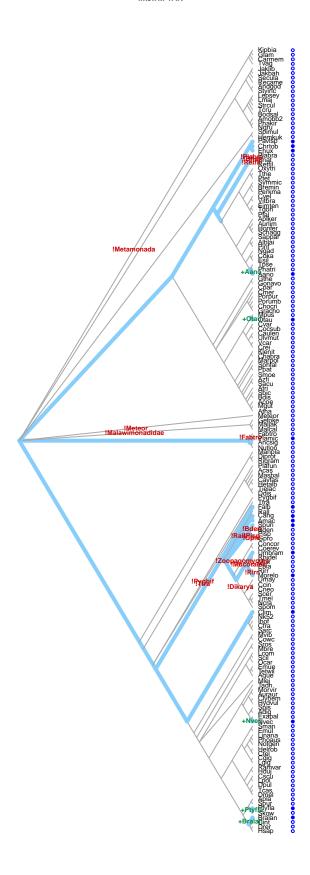
Frequency

Gain: NA
Presence Eukaryota prob = 1.00
Present: 124
Losses: NA



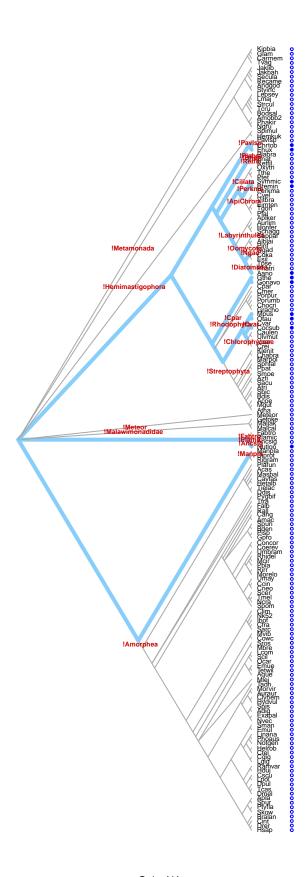


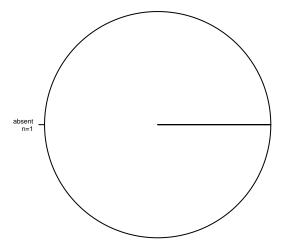






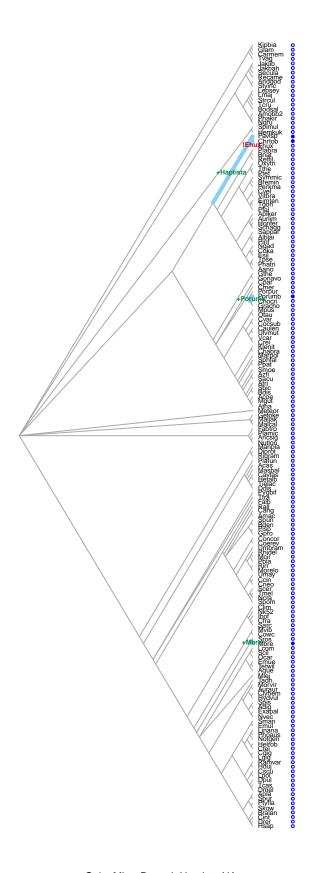


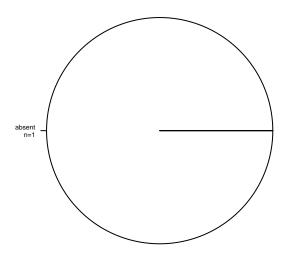




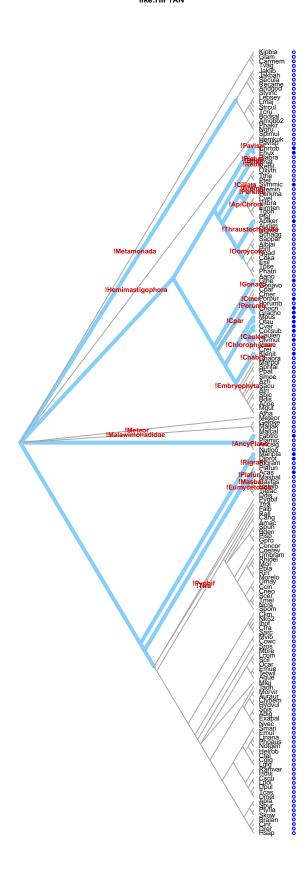


Gain: NA
Presence Eukaryota prob = 0.86
Present: 11
Losses: NA





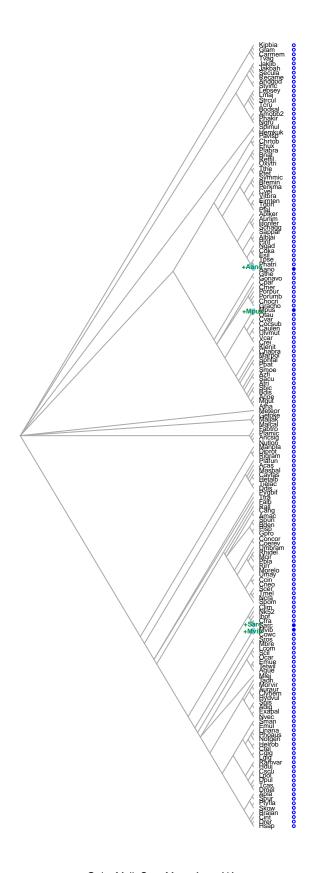




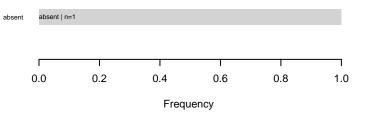




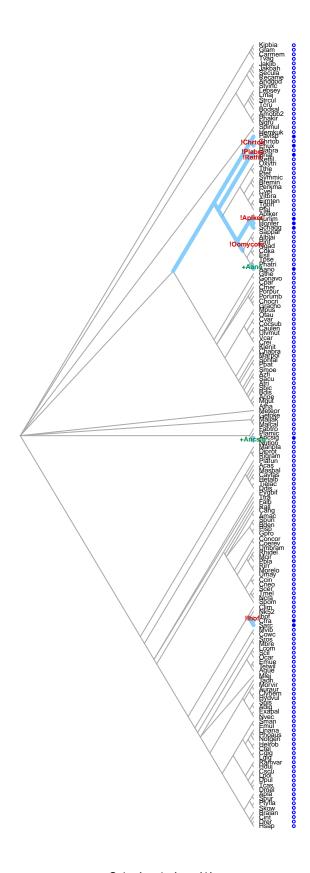
Gain: NA
Presence Eukaryota prob = 1.00
Present: 18
Losses: NA

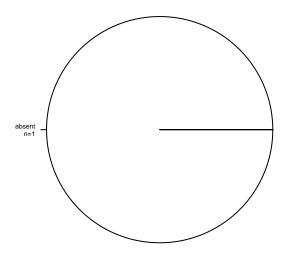






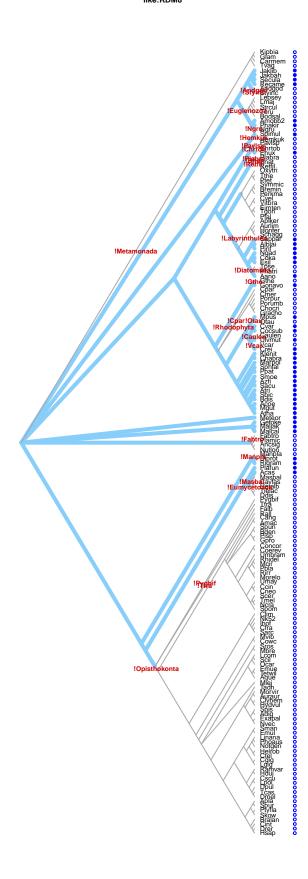
Gain: Mvib,Sarc,Mpus,Aano,NA Presence Eukaryota prob = 0.00 Present: 4 Losses: NA

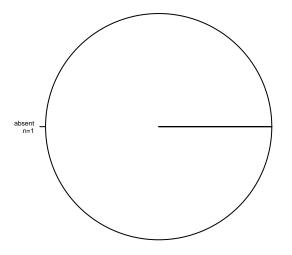






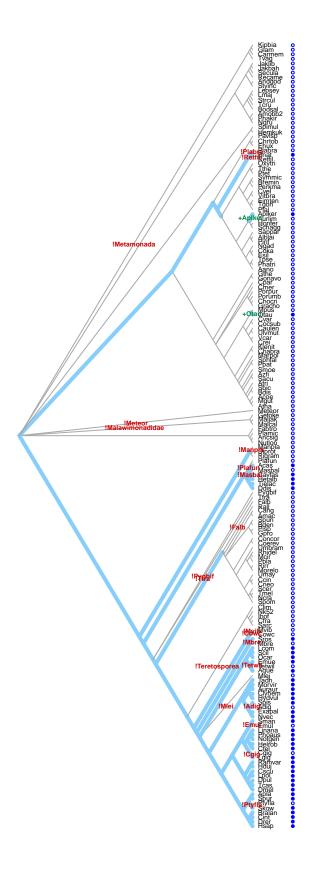
Gain: Ancsig,Aano,NA
Presence Eukaryota prob = 0.37
Present: 10
Losses: NA

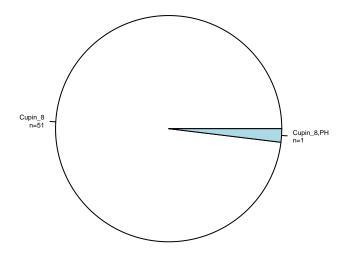


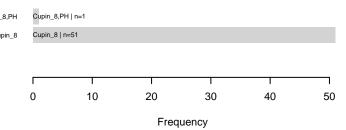




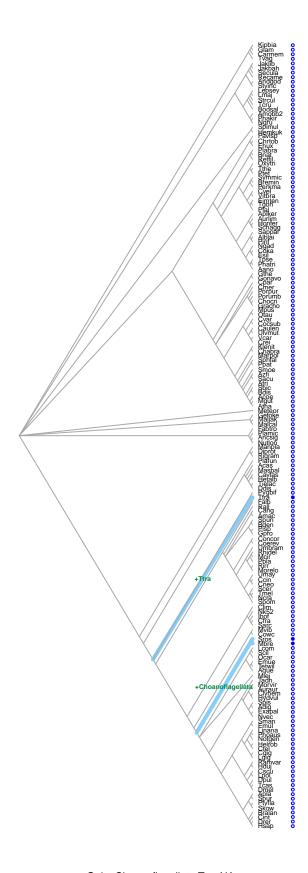
Gain: NA
Presence Eukaryota prob = 1.00
Present: 43
Losses: NA





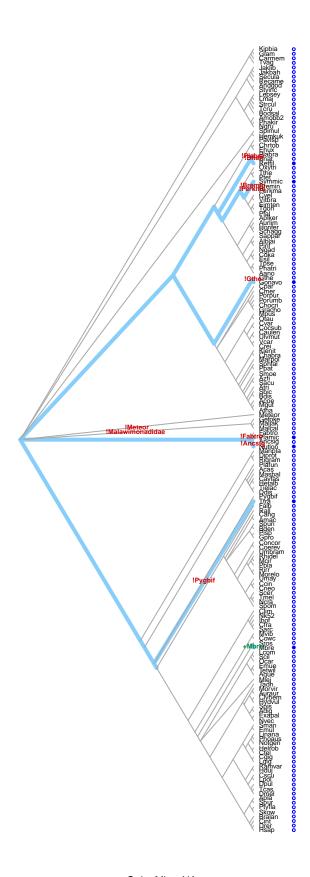


Gain: Otau,Aplker,NA
Presence Eukaryota prob = 0.73
Present: 43
Losses: NA





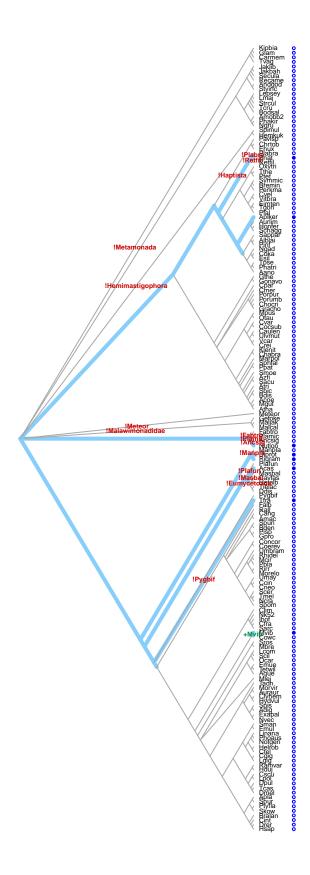


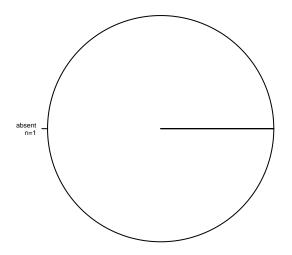






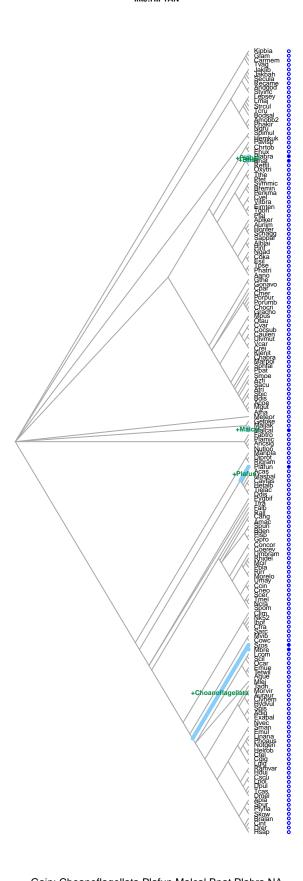
Gain: Mbre,NA
Presence Eukaryota prob = 0.60
Present: 7
Losses: NA



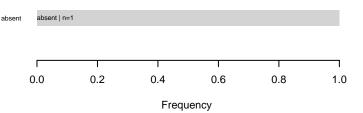


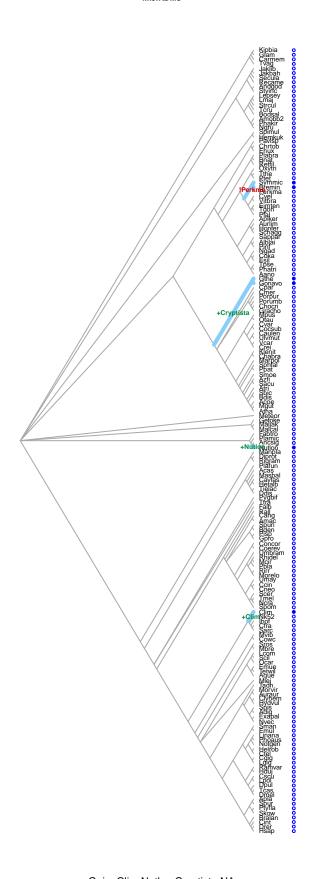


Gain: Mvib,NA
Presence Eukaryota prob = 0.90
Present: 8
Losses: NA





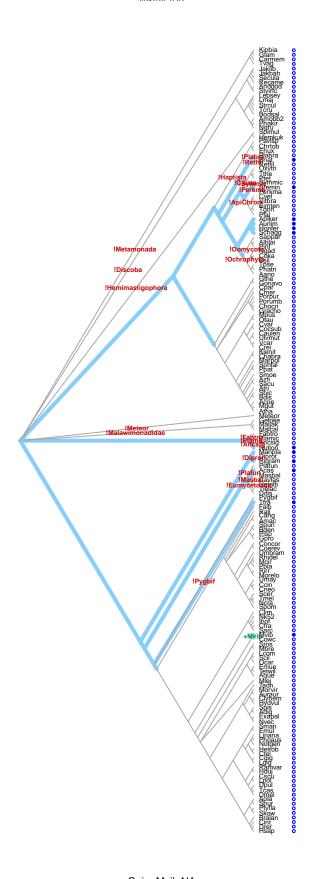


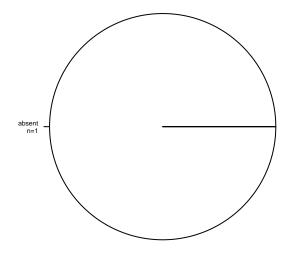






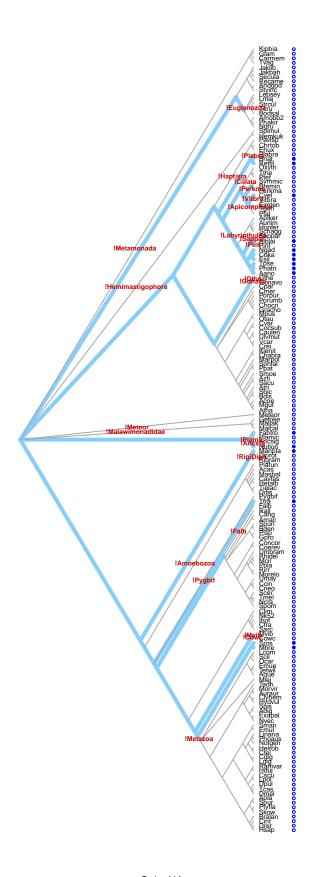
Gain: Clim,Nutlon,Cryptista,NA
Presence Eukaryota prob = 0.13
Present: 6
Losses: NA

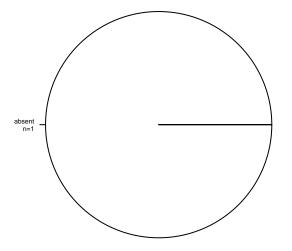






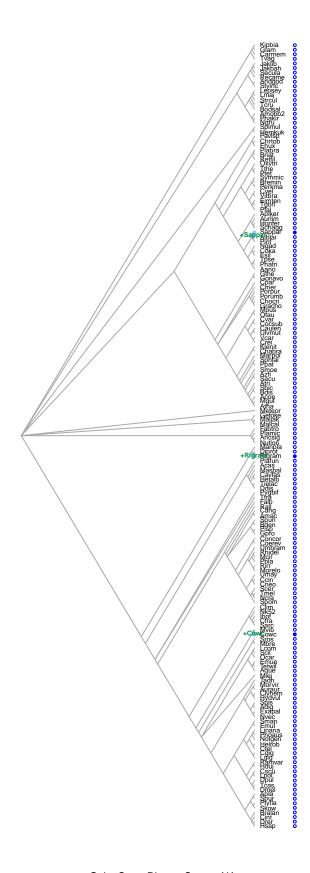
Gain: Mvib,NA
Presence Eukaryota prob = 1.00
Present: 12
Losses: NA

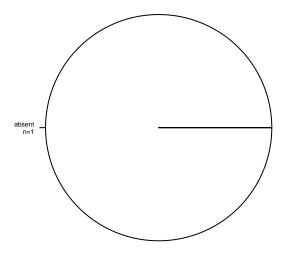




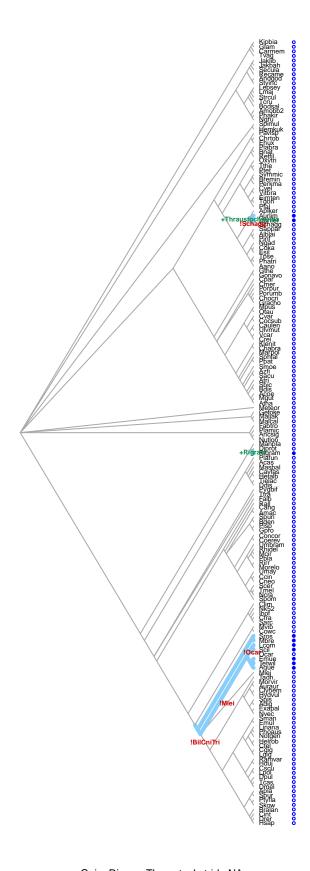


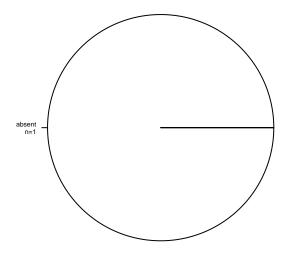
Gain: NA
Presence Eukaryota prob = 1.00
Present: 16
Losses: NA



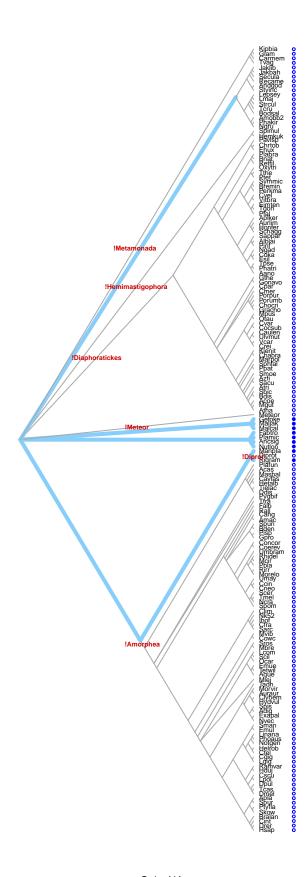


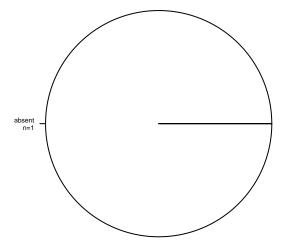


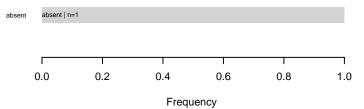


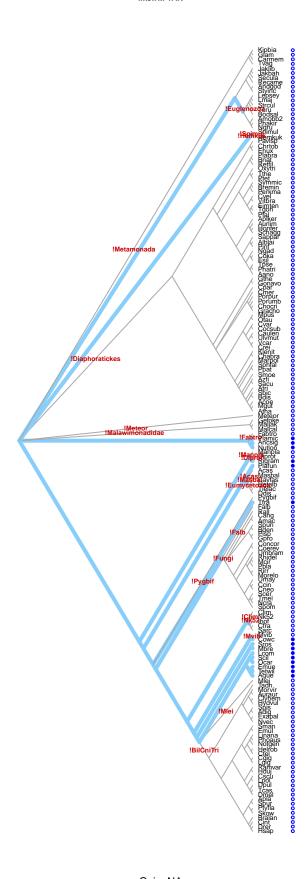


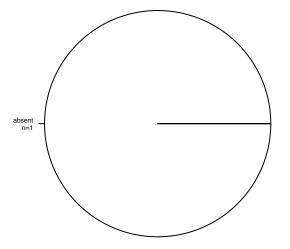


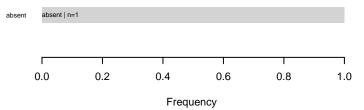


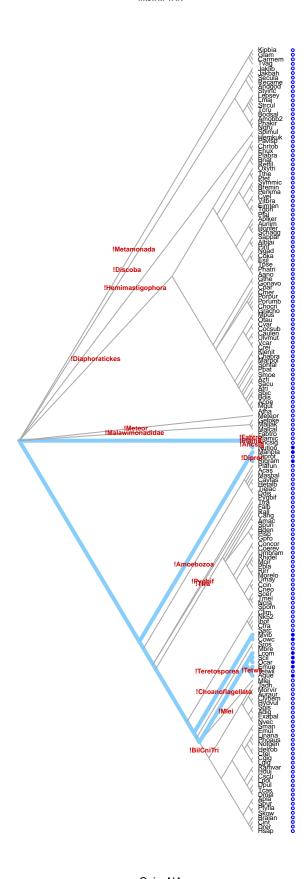


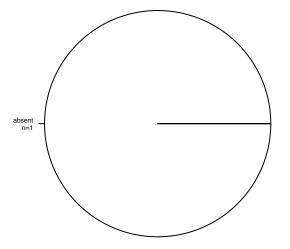






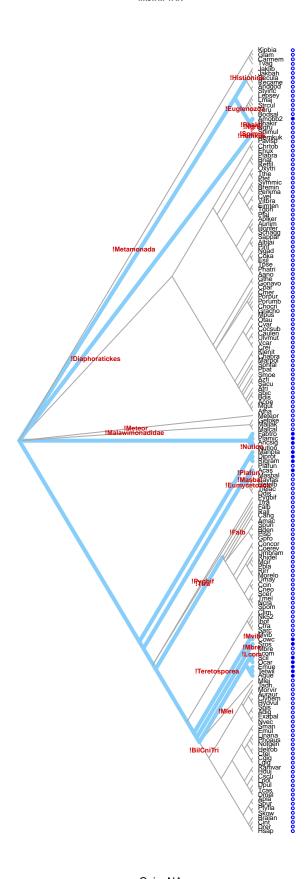


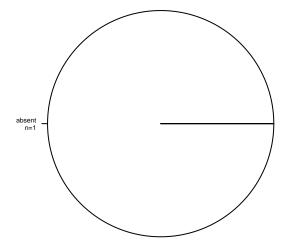


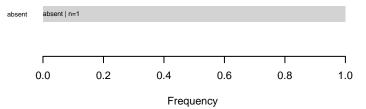




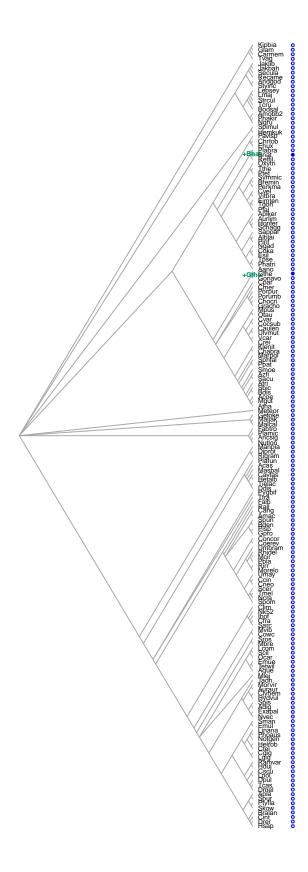
Gain: NA
Presence Eukaryota prob = 0.90
Present: 10
Losses: NA

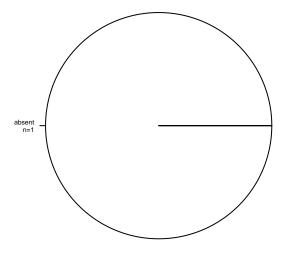




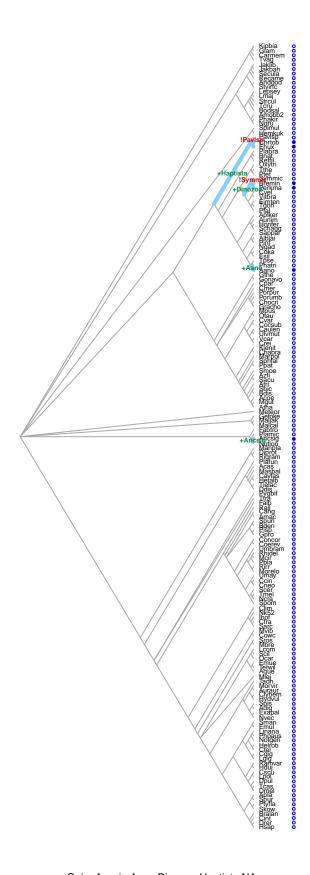


Gain: NA
Presence Eukaryota prob = 1.00
Present: 15
Losses: NA



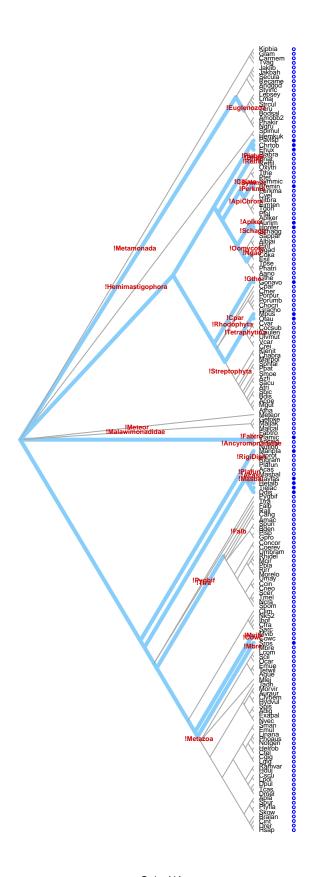


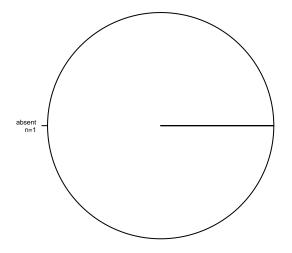


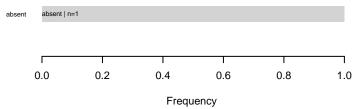




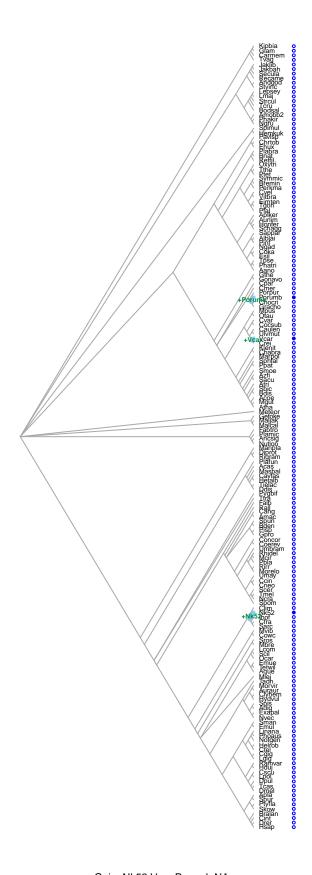


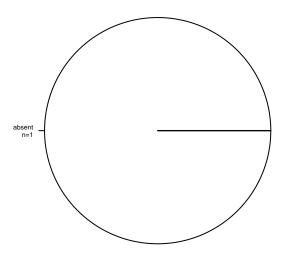


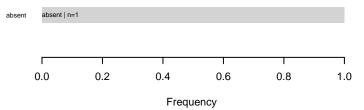


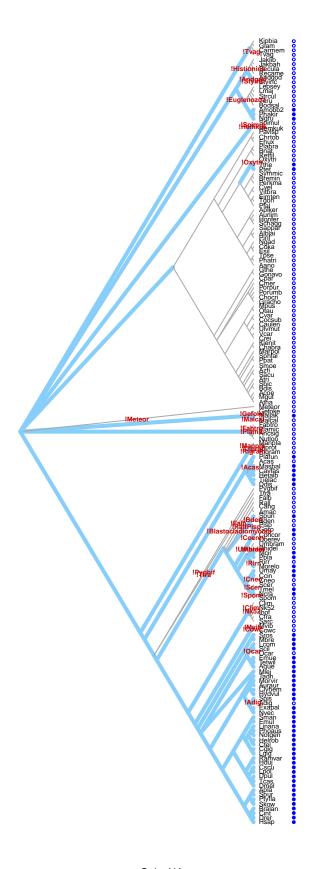


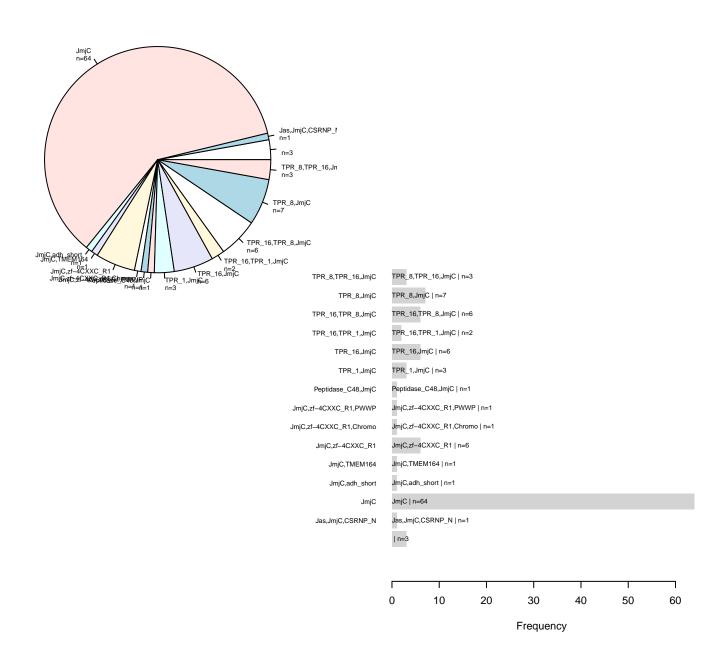
Gain: NA
Presence Eukaryota prob = 1.00
Present: 16
Losses: NA



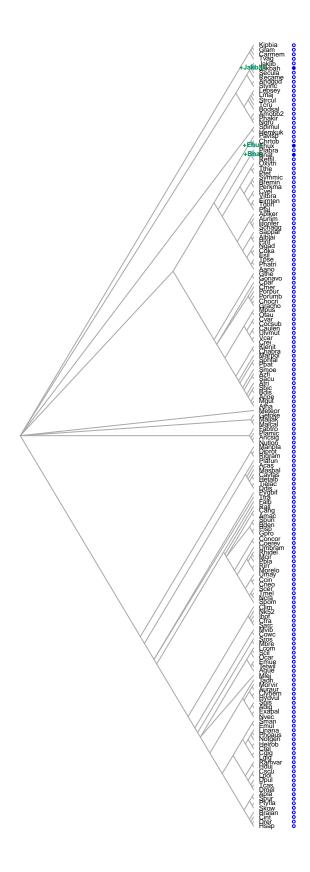




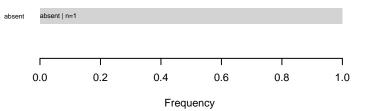




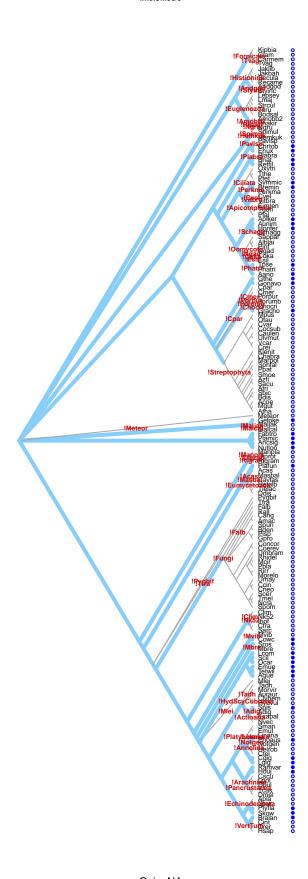
Gain: NA
Presence Eukaryota prob = 1.00
Present: 62
Losses: NA

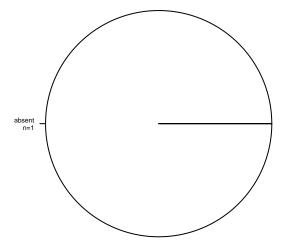


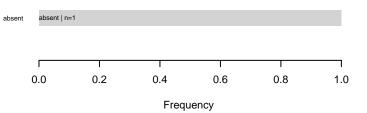




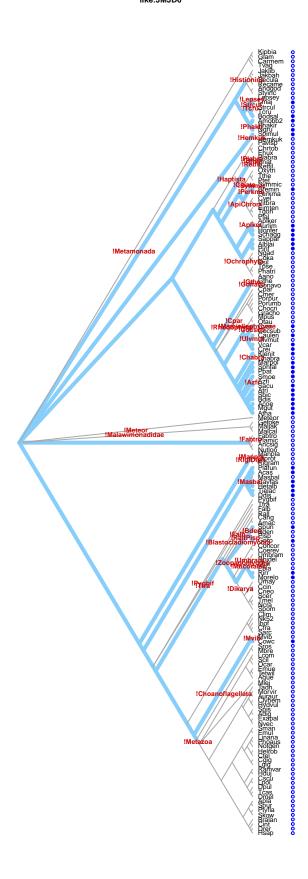
Gain: Bnat,Ehux,Jakbah,NA
Presence Eukaryota prob = 0.01
Present: 3
Losses: NA

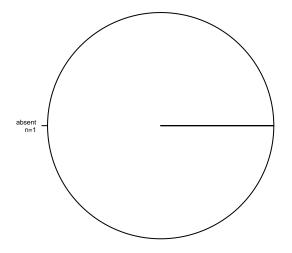


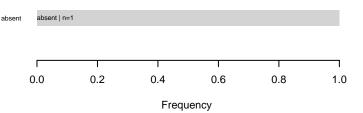




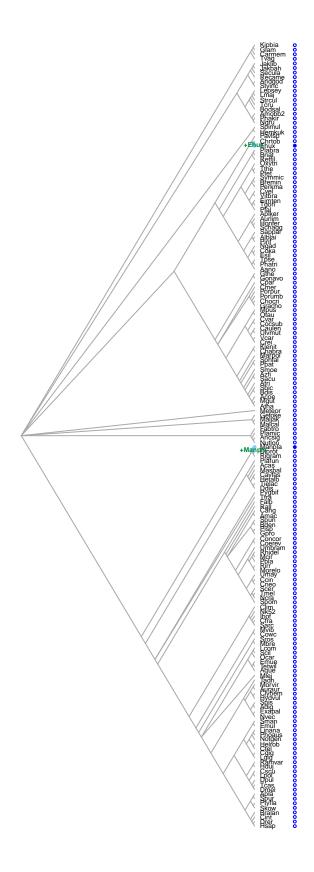
Gain: NA
Presence Eukaryota prob = 1.00
Present: 37
Losses: NA







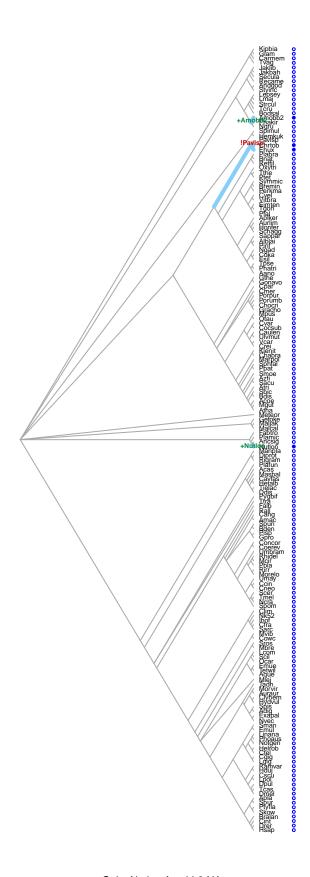
Gain: NA
Presence Eukaryota prob = 1.00
Present: 39
Losses: NA





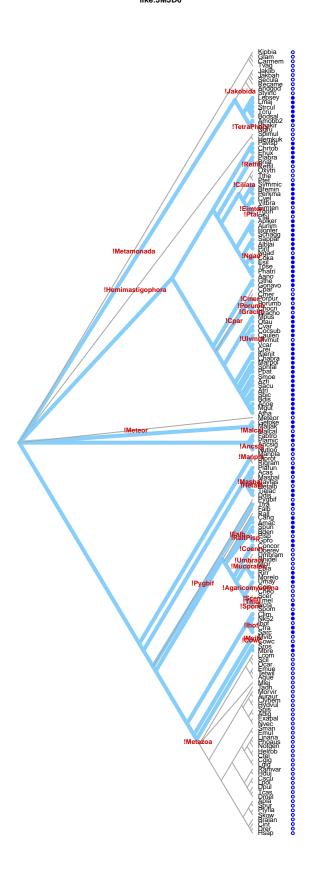


Gain: Manpla,Ehux,NA
Presence Eukaryota prob = 0.09
Present: 2
Losses: NA





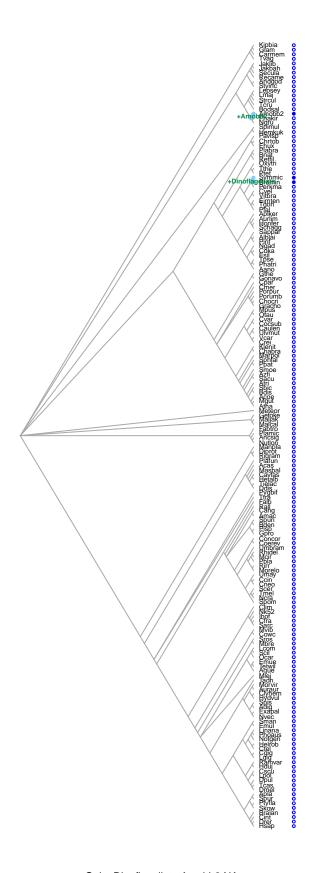








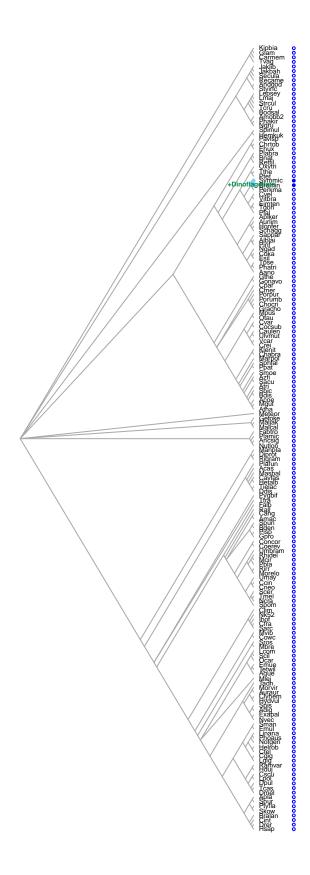
Gain: NA
Presence Eukaryota prob = 1.00
Present: 81
Losses: NA







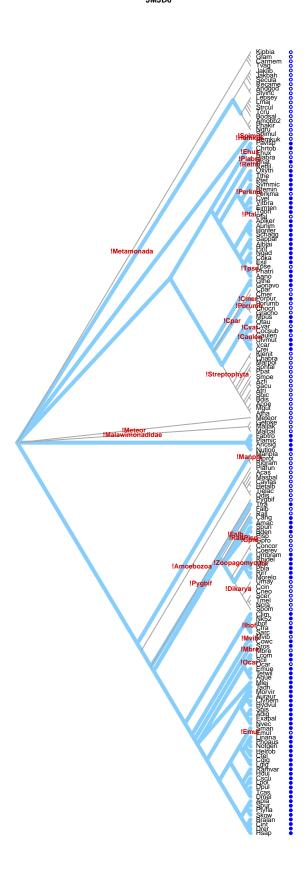
Gain: Dinoflagellata,Amobb2,NA Presence Eukaryota prob = 0.03 Present: 3 Losses: NA

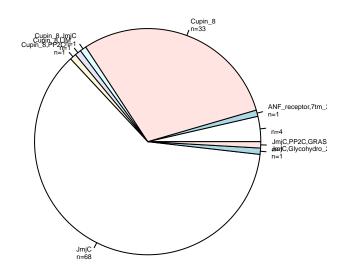


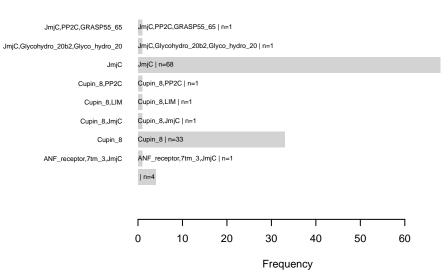




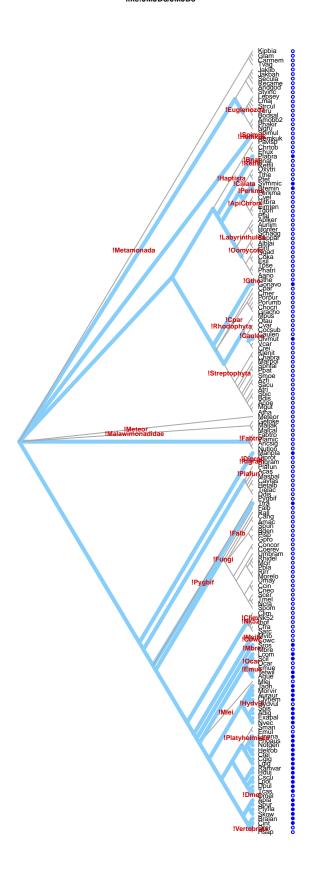
Gain: Dinoflagellata,NA
Presence Eukaryota prob = 0.00
Present: 2
Losses: NA

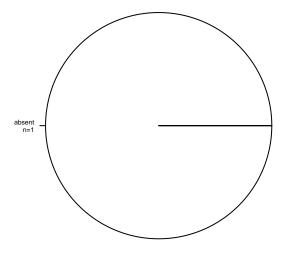






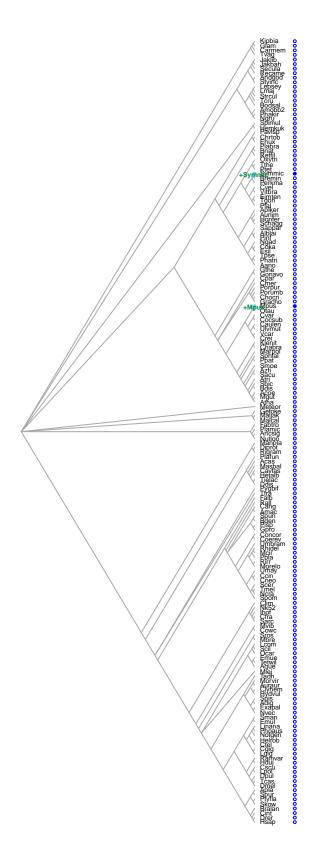
Gain: NA
Presence Eukaryota prob = 1.00
Present: 92
Losses: NA







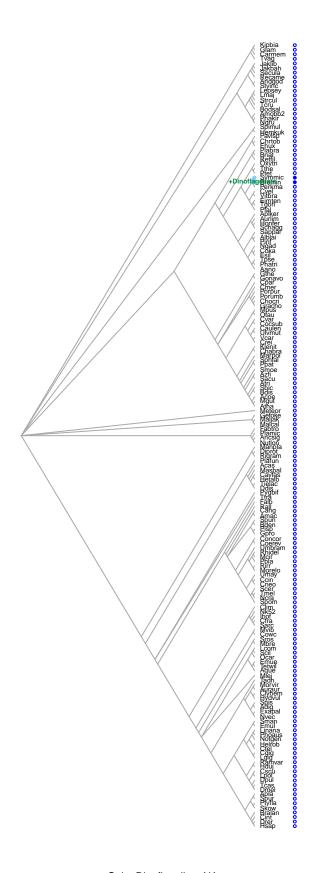
Gain: NA
Presence Eukaryota prob = 1.00
Present: 39
Losses: NA







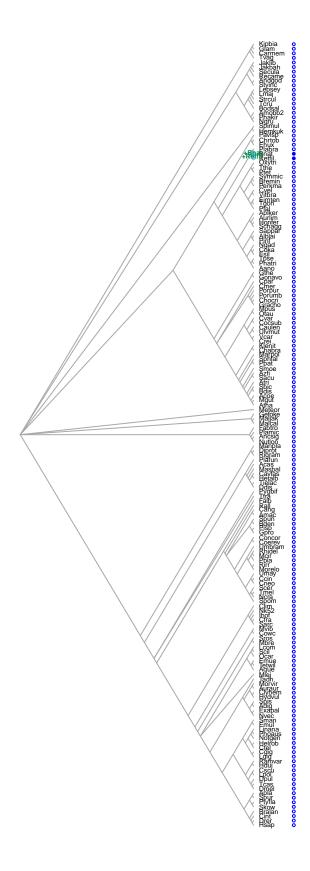
Gain: Mpus,Symmic,NA
Presence Eukaryota prob = 0.00
Present: 2
Losses: NA

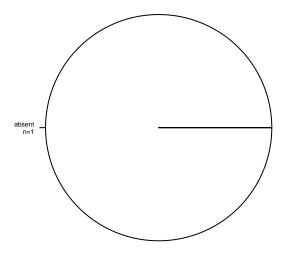




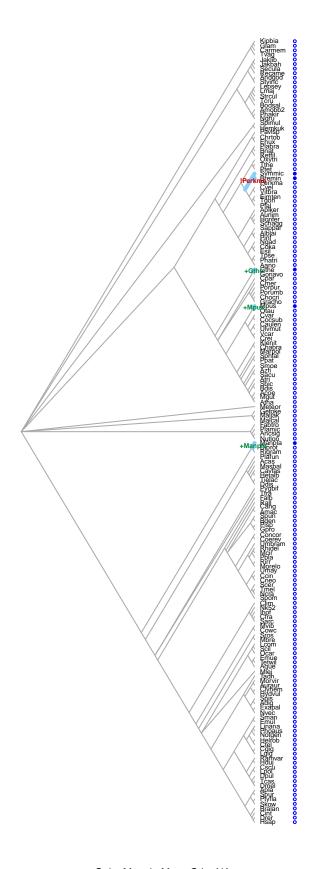


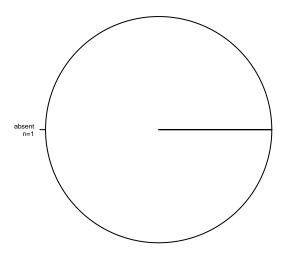
Gain: Dinoflagellata,NA
Presence Eukaryota prob = 0.00
Present: 2
Losses: NA





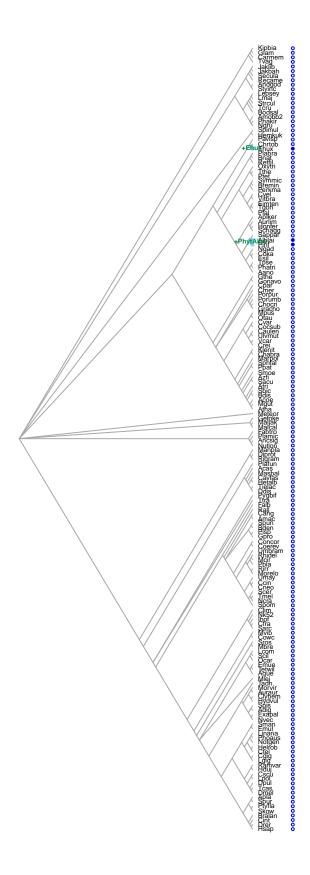






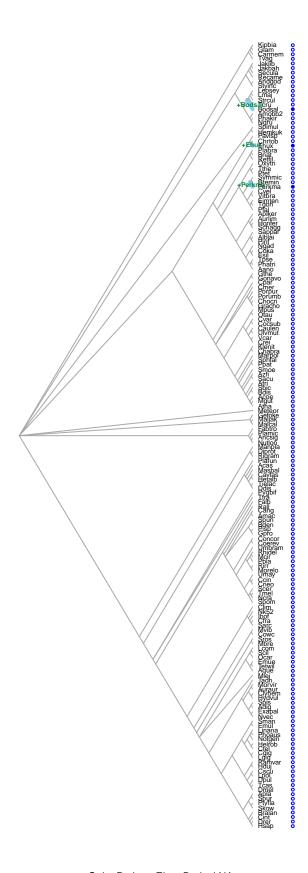


Gain: Manpla,Mpus,Gthe,NA Presence Eukaryota prob = 0.33 Present: 5 Losses: NA





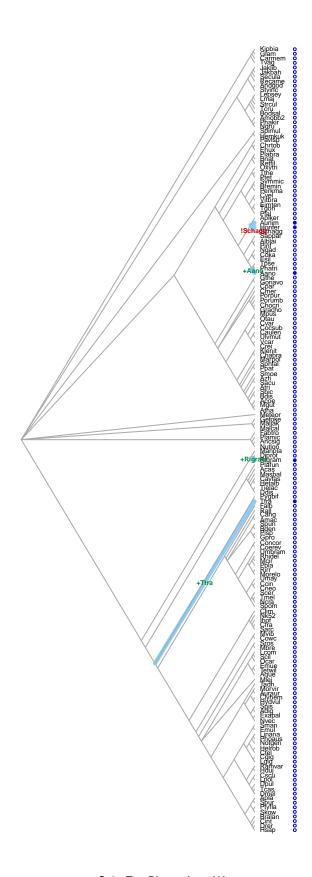






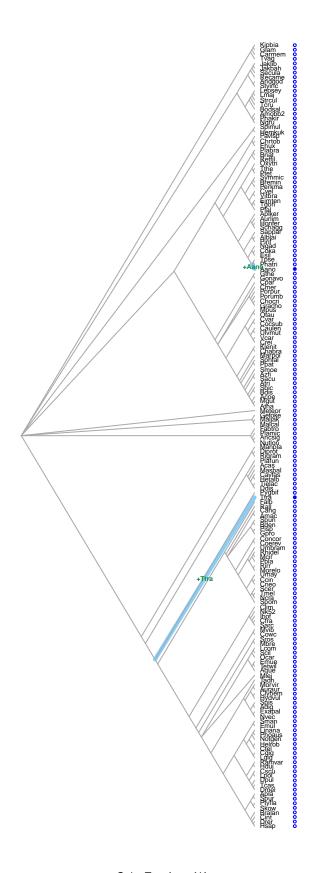


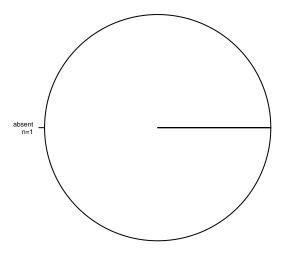
Gain: Perkma,Ehux,Bodsal,NA Presence Eukaryota prob = 0.00 Present: 3 Losses: NA





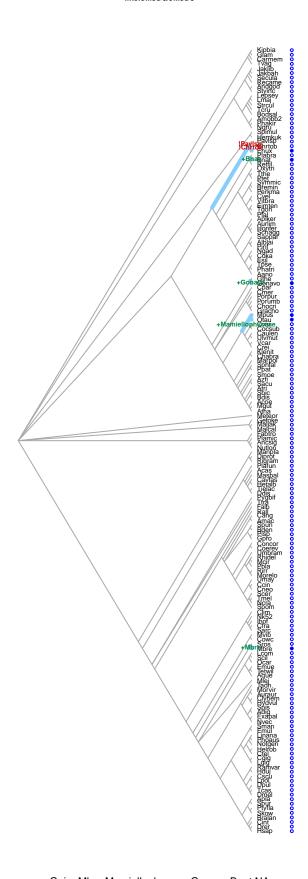


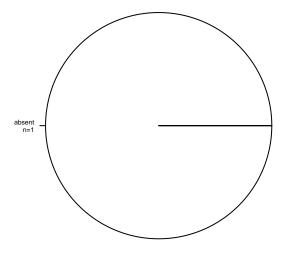




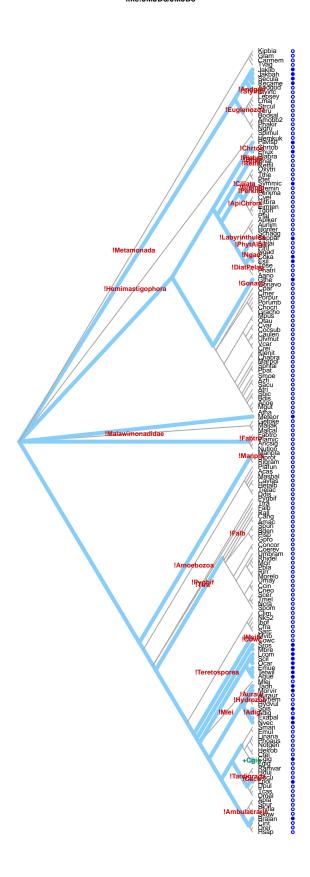


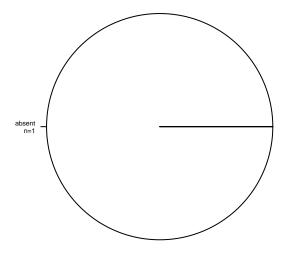
Gain: Ttra,Aano,NA
Presence Eukaryota prob = 0.00
Present: 2
Losses: NA





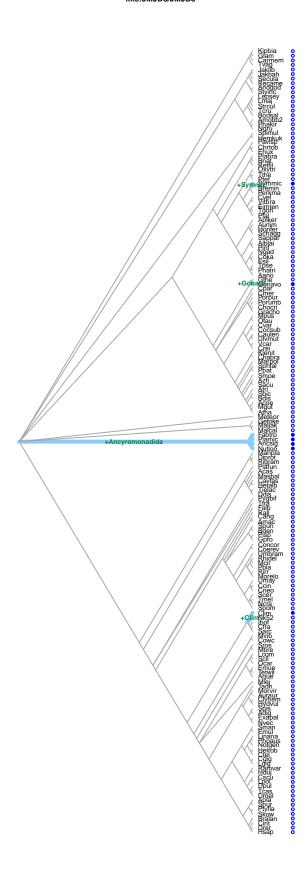




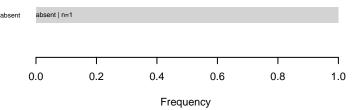


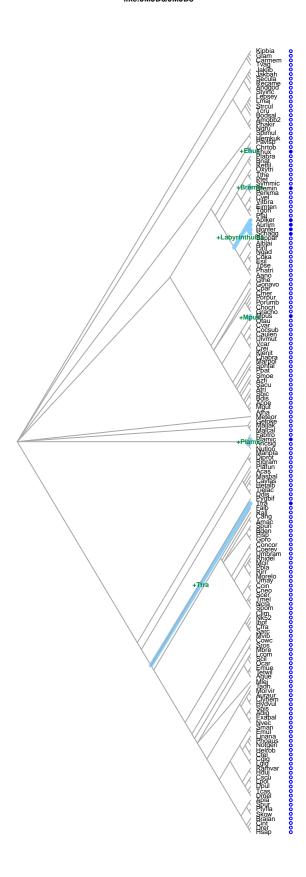


Gain: Cgig,NA
Presence Eukaryota prob = 1.00
Present: 28
Losses: NA



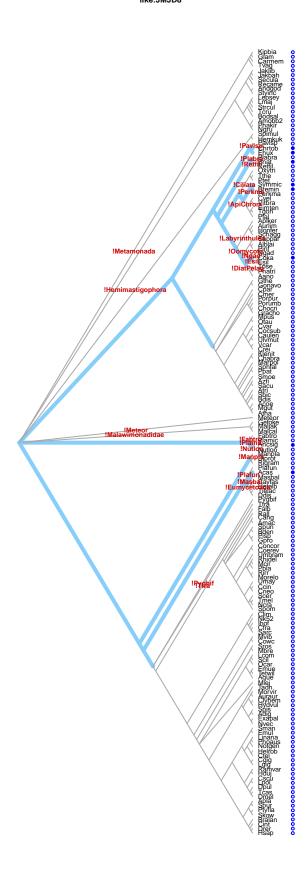


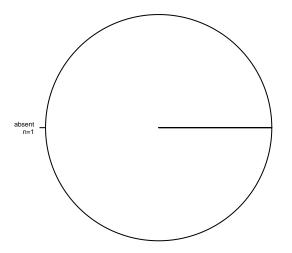


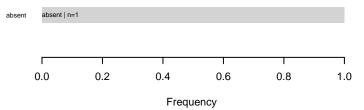


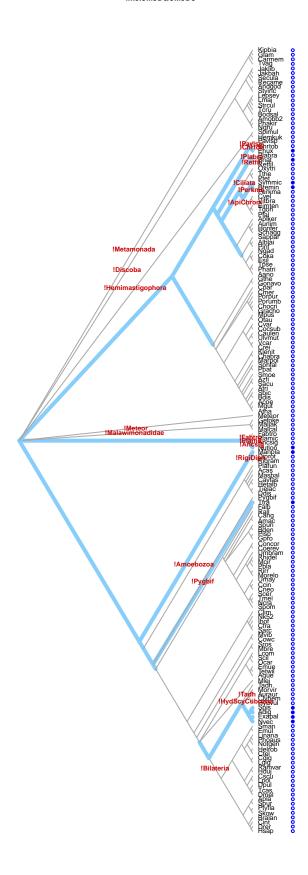








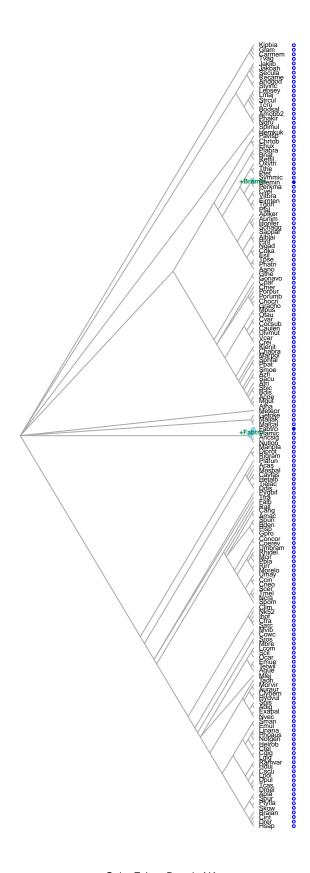


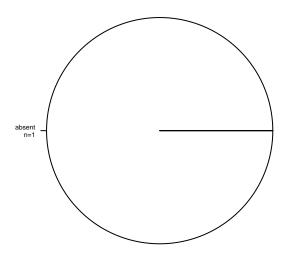






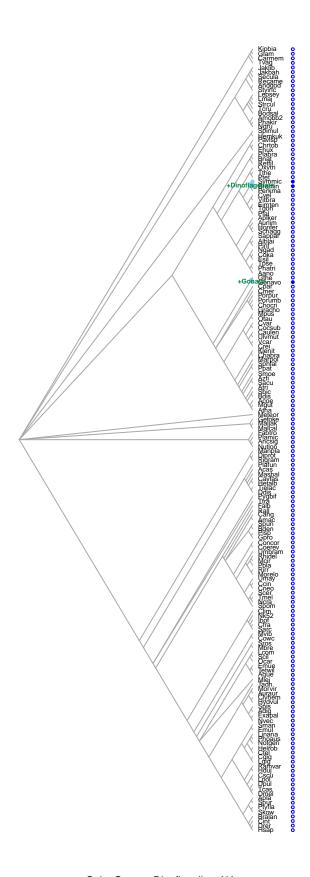
Gain: NA
Presence Eukaryota prob = 0.99
Present: 11
Losses: NA





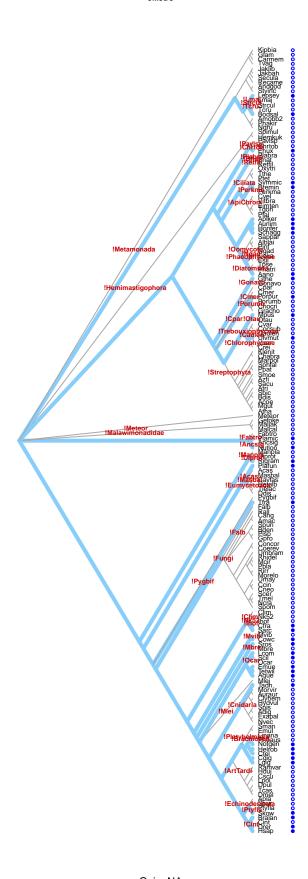


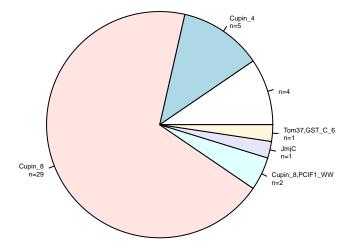
Gain: Fabtro,Bremin,NA
Presence Eukaryota prob = 0.03
Present: 2
Losses: NA

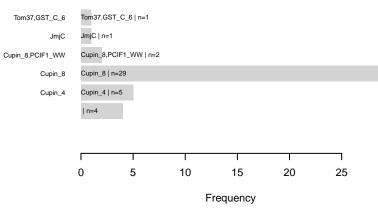




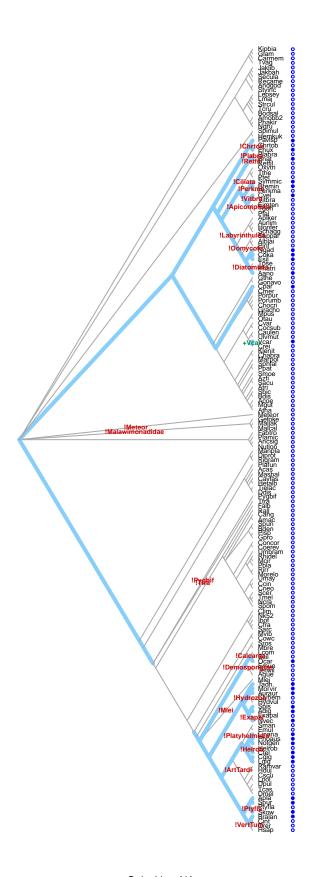


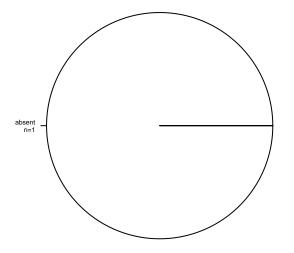


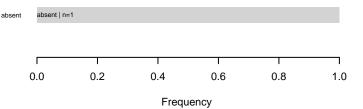


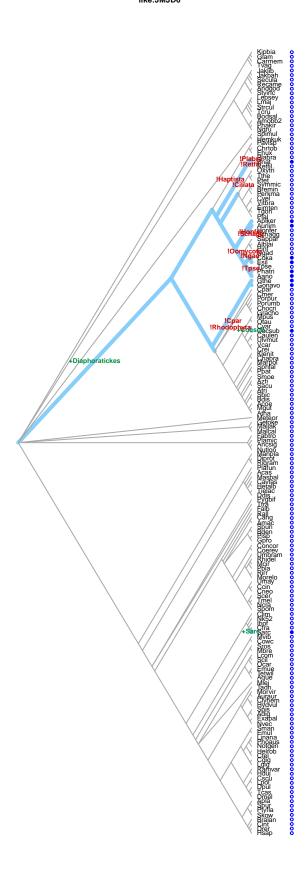


Gain: NA
Presence Eukaryota prob = 1.00
Present: 38
Losses: NA



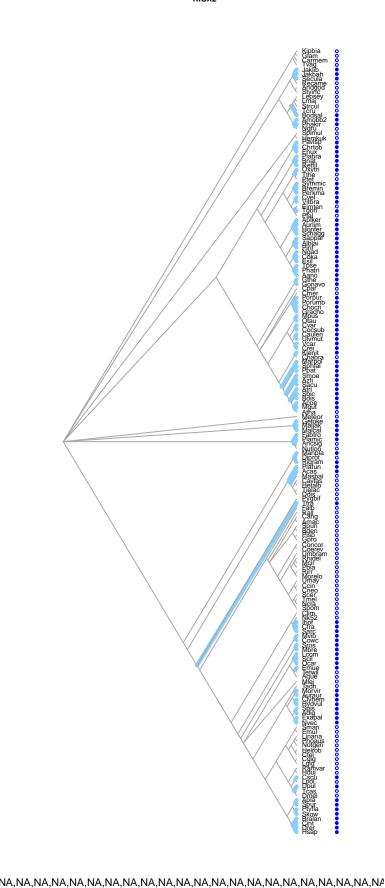


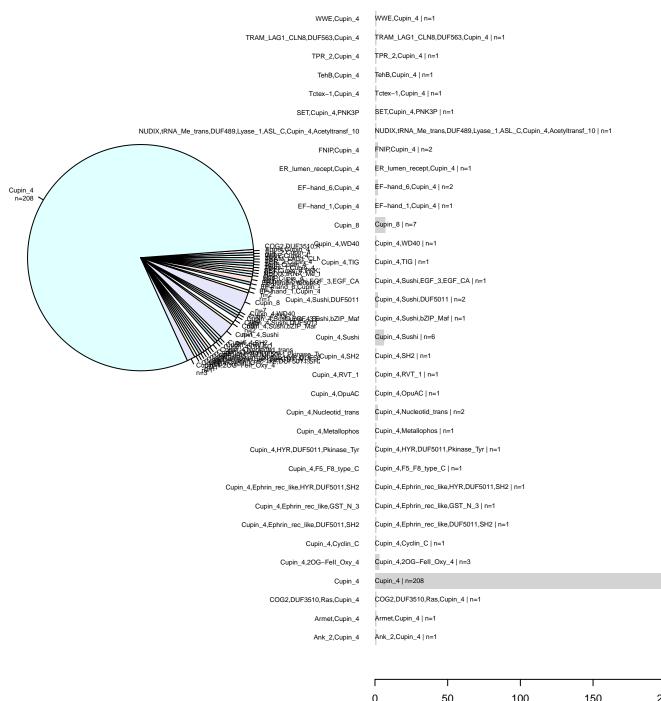






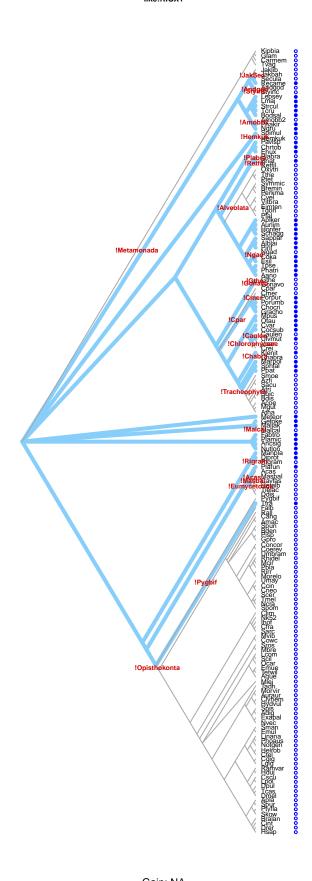


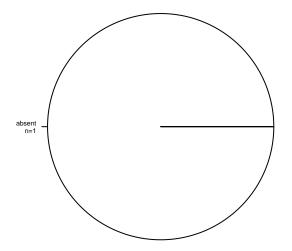




0 50 100 150 200

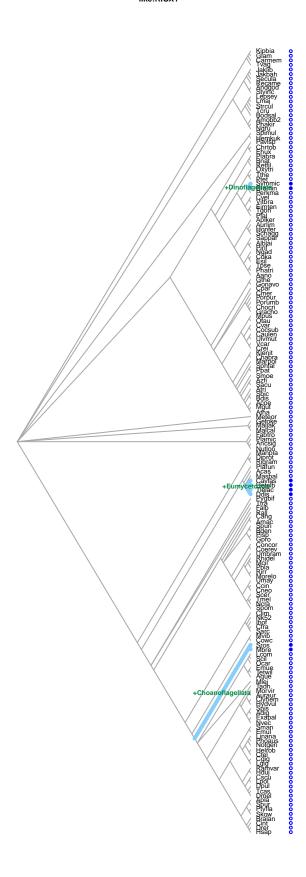
Presence Eukaryota prob = NaN Present: 97 Losses: NA

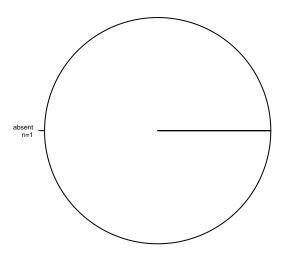




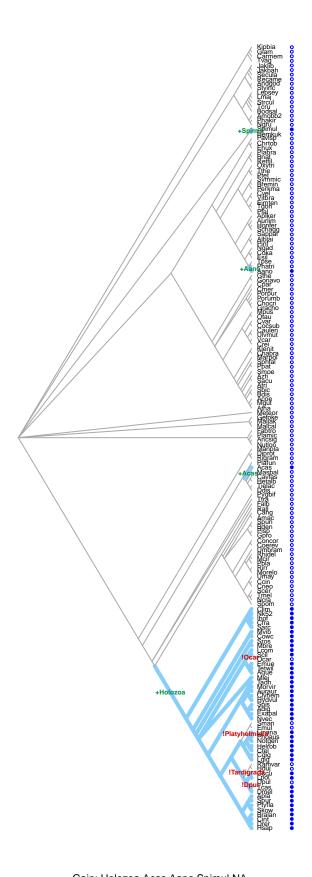


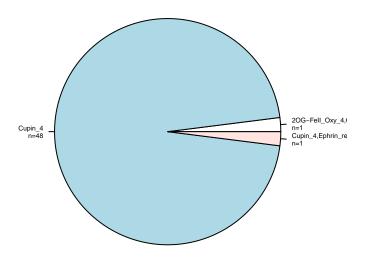
Gain: NA
Presence Eukaryota prob = 1.00
Present: 49
Losses: NA

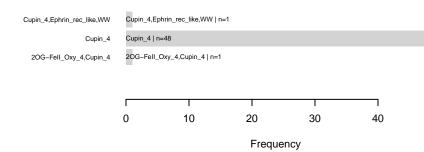




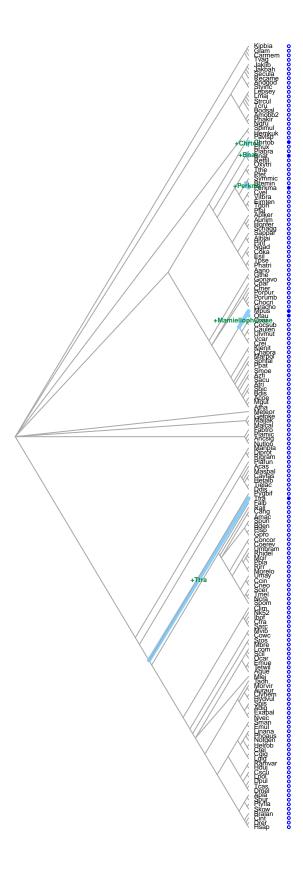


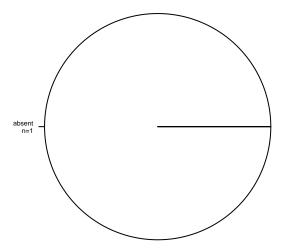


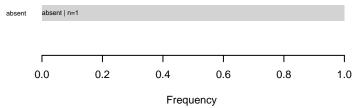


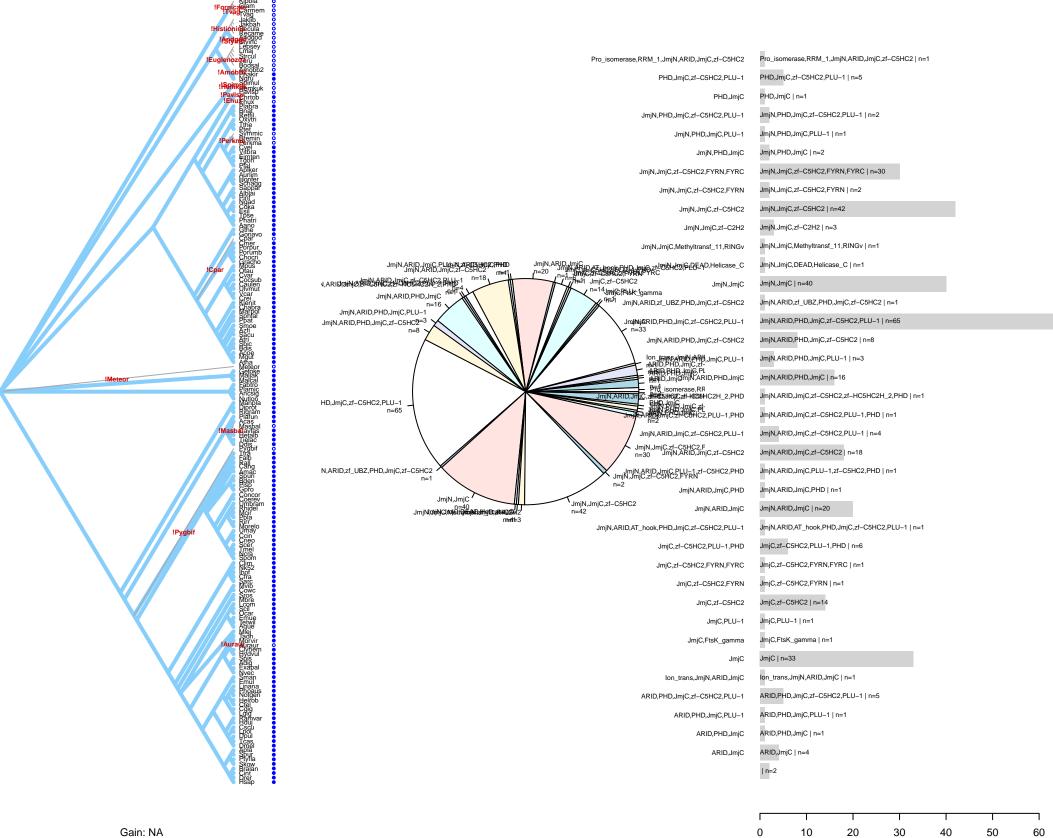


Gain: Holozoa,Acas,Aano,Spimul,NA Presence Eukaryota prob = 0.00 Present: 46 Losses: NA

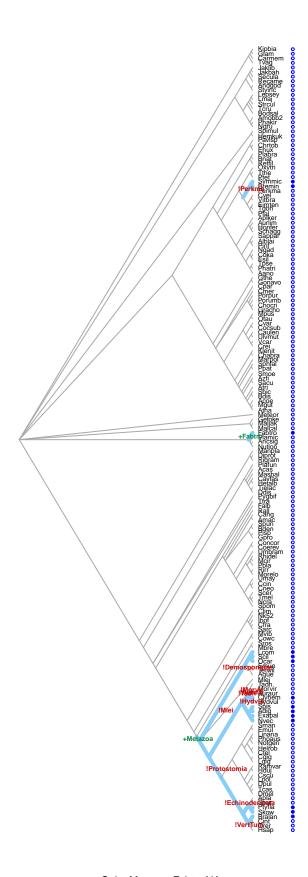


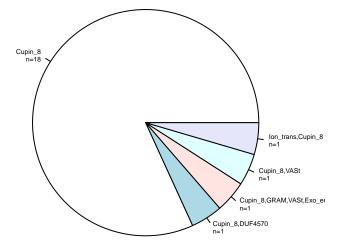


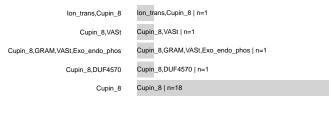


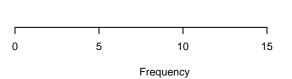


Gain: NA
Presence Eukaryota prob = 1.00
Present: 144
Losses: NA

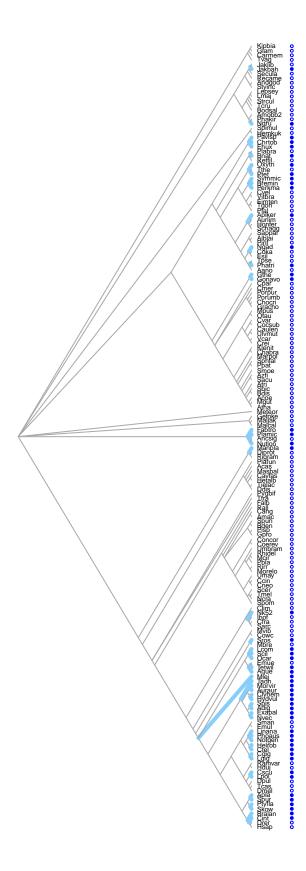


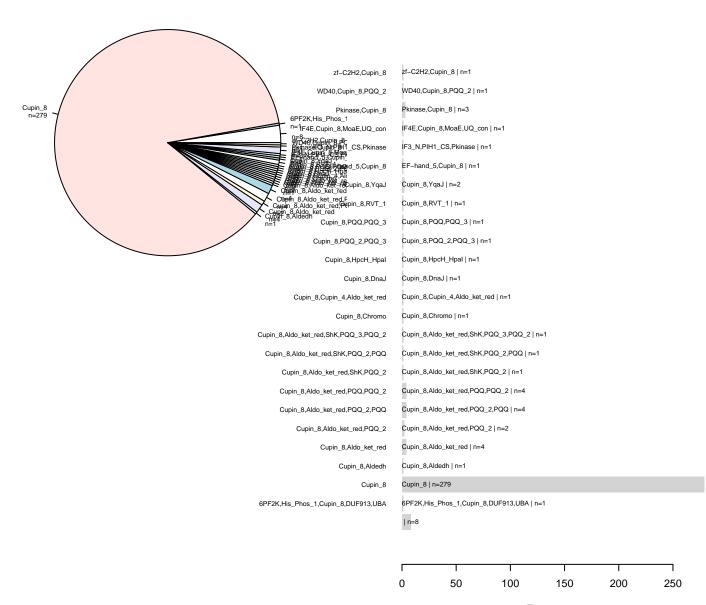




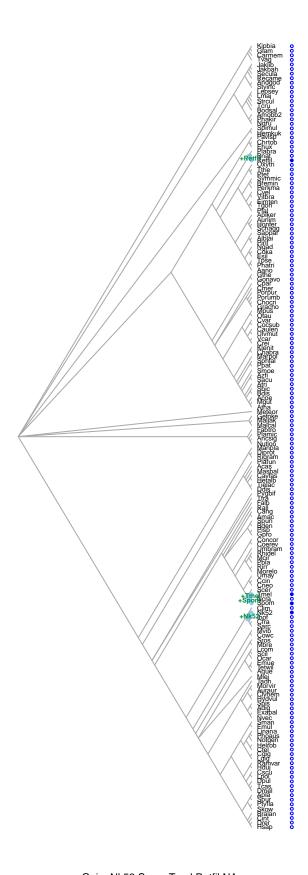


Gain: Metazoa,Fabtro,NA
Presence Eukaryota prob = 0.22
Present: 14
Losses: NA

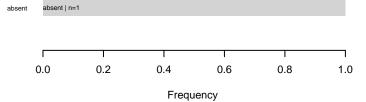


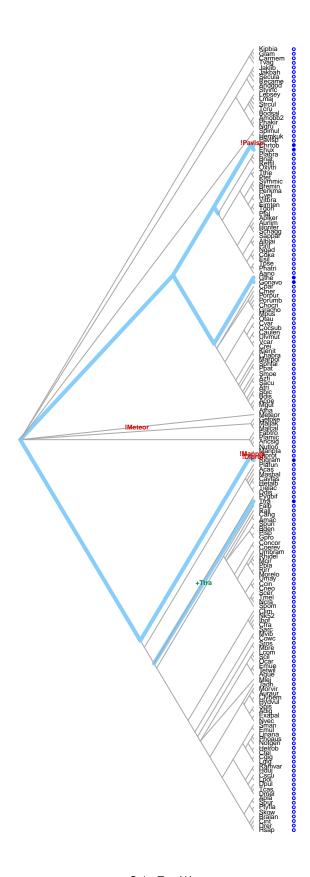


Present: 52 Losses: NA

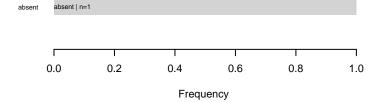




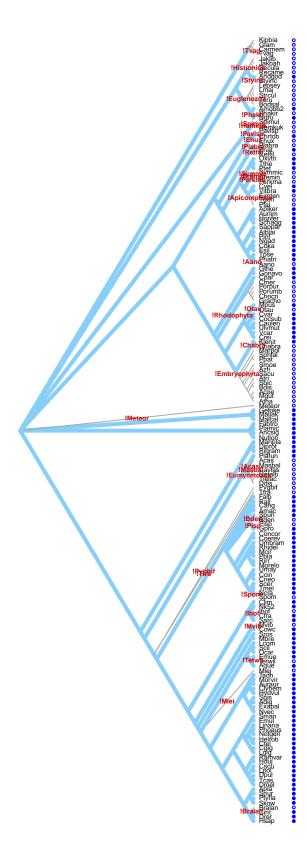


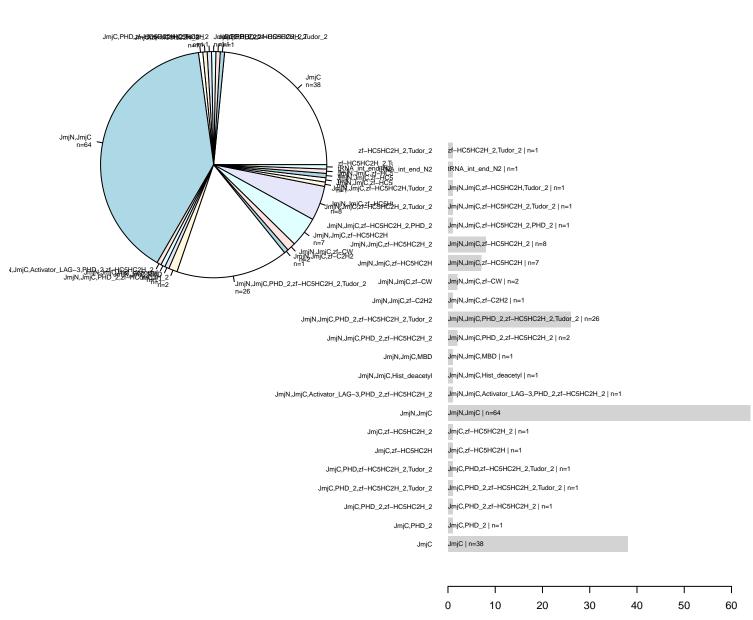






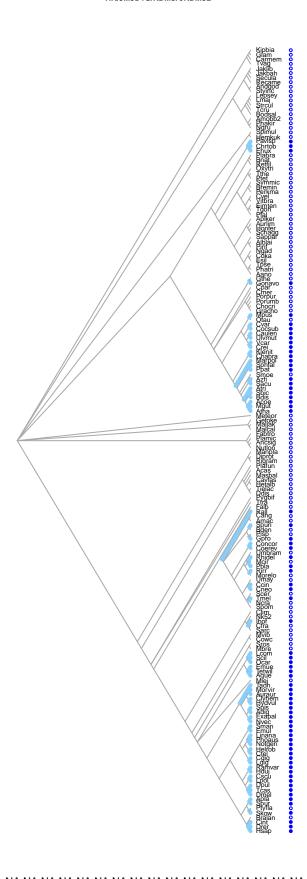
Gain: Ttra,NA
Presence Eukaryota prob = 0.53
Present: 6
Losses: NA

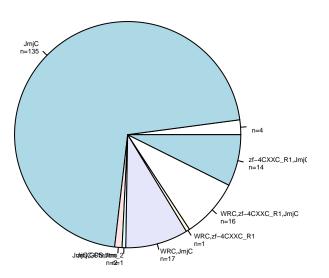


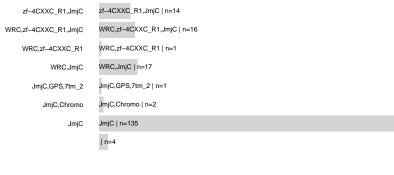


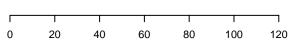
Gain: NA
Presence Eukaryota prob = 1.00
Present: 108
Losses: NA

CupinJmjC.HG7.0 HR/JMJD1C/KDM3A/KDM3B

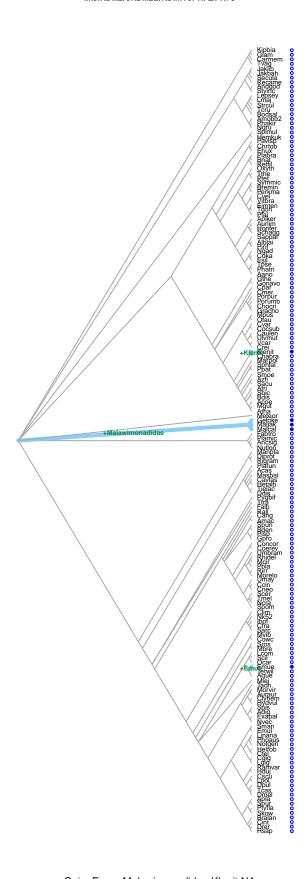


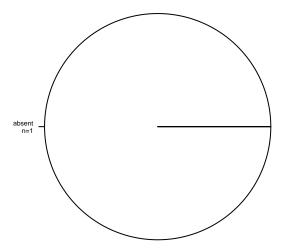




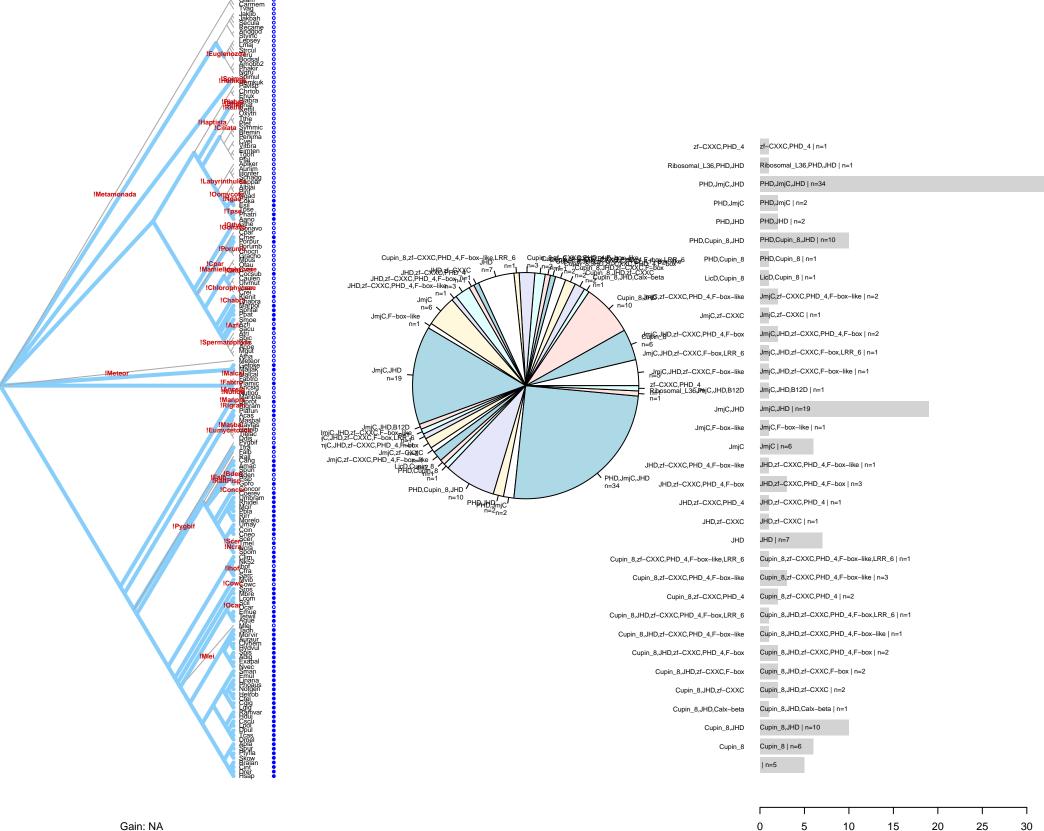


Frequency





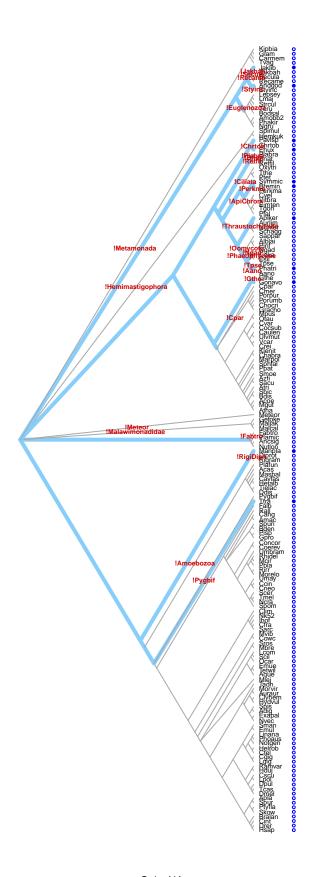




Gain: NA
Presence Eukaryota prob = 1.00
Present: 81
Losses: NA

5 10 15 20 25 -

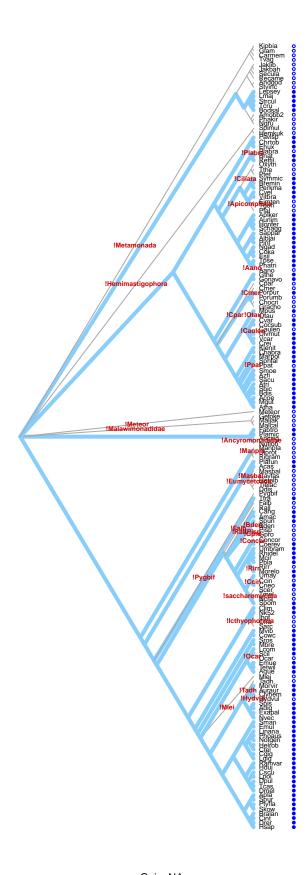
Frequency

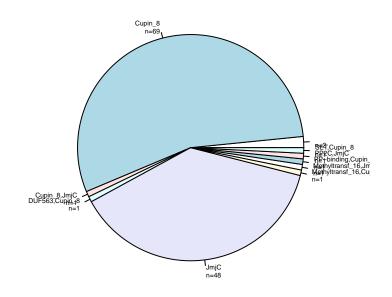


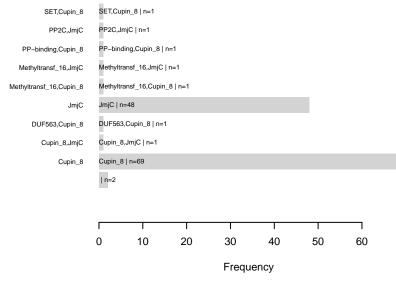




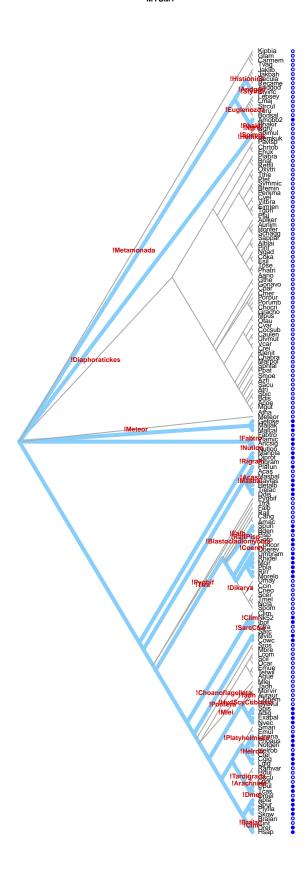
Gain: NA
Presence Eukaryota prob = 1.00
Present: 11
Losses: NA

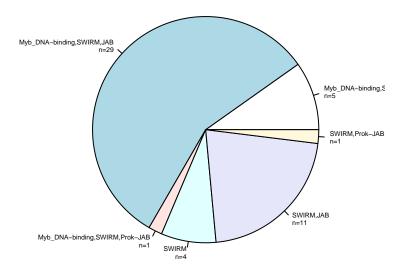


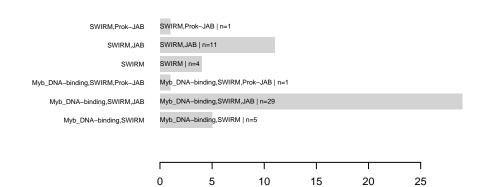




Gain: NA
Presence Eukaryota prob = 1.00
Present: 108
Losses: NA

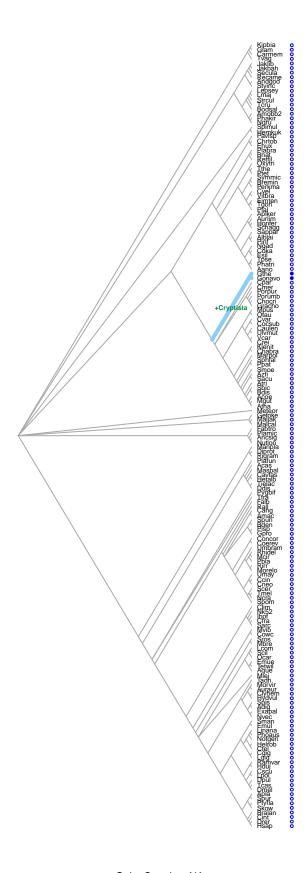


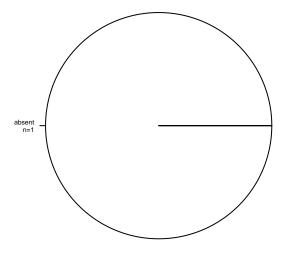




Gain: NA
Presence Eukaryota prob = 1.00
Present: 45
Losses: NA

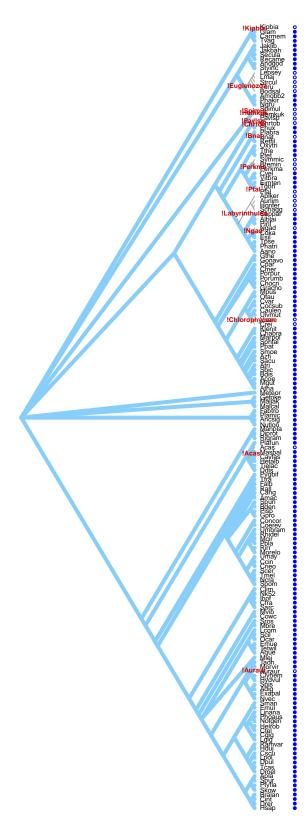
Frequency



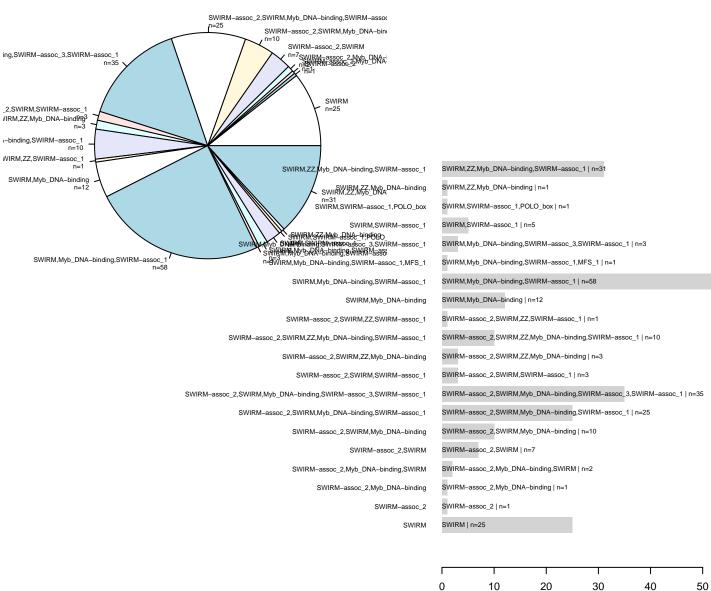




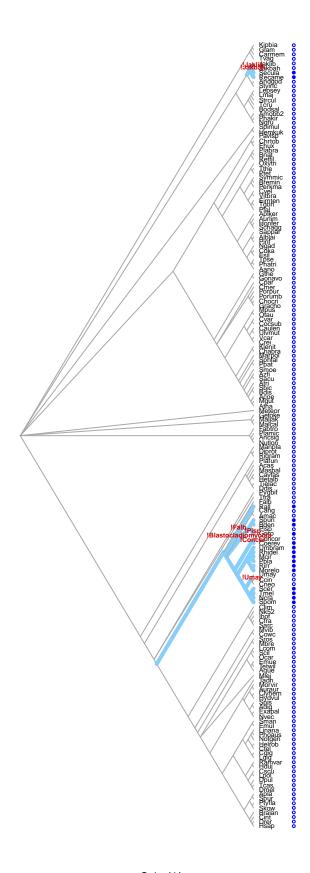
Gain: Cryptista,NA
Presence Eukaryota prob = 0.01
Present: 2
Losses: NA



Losses: NA



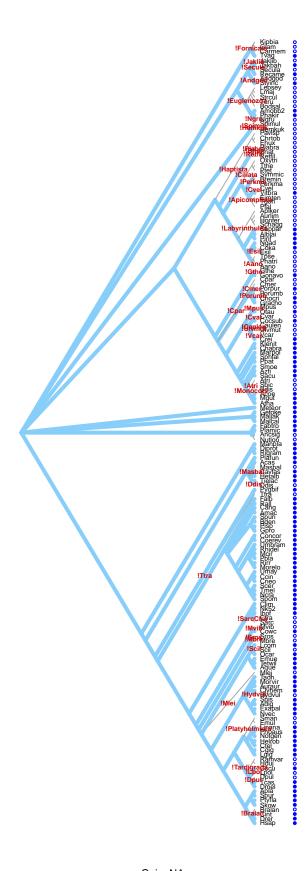


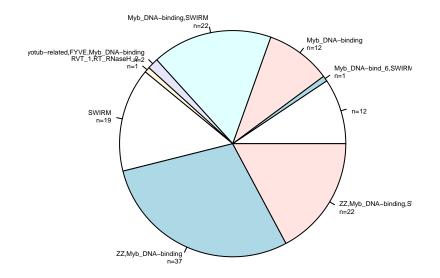


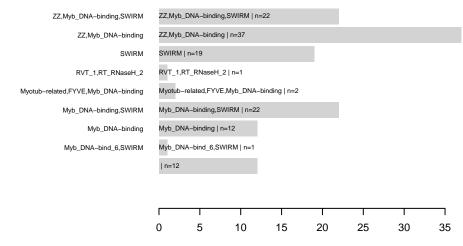




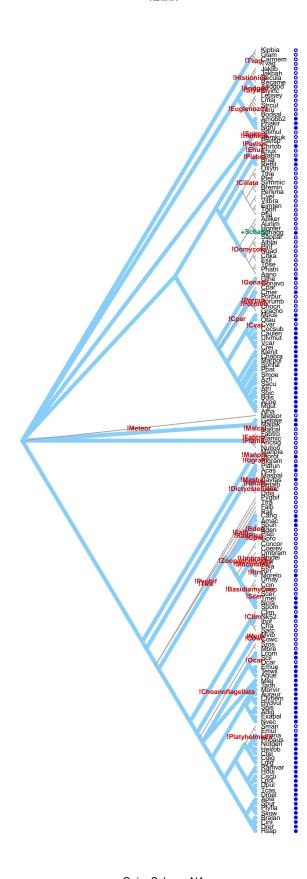
Gain: NA
Presence Eukaryota prob = 0.33
Present: 17
Losses: NA

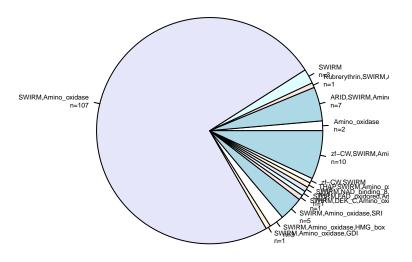




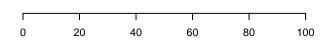


Gain: NA
Presence Eukaryota prob = 1.00
Present: 102
Losses: NA









Frequency

Gain: Schagg,NA
Presence Eukaryota prob = 1.00
Present: 81
Losses: NA