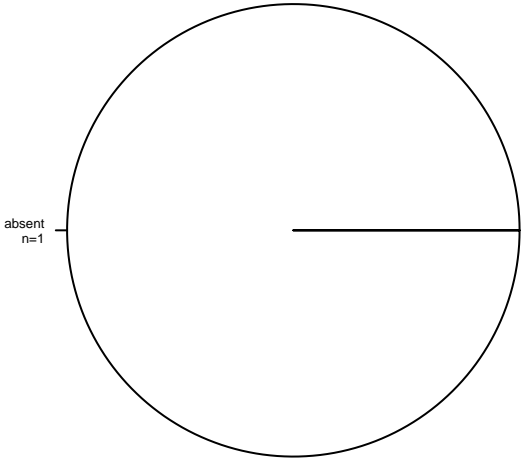
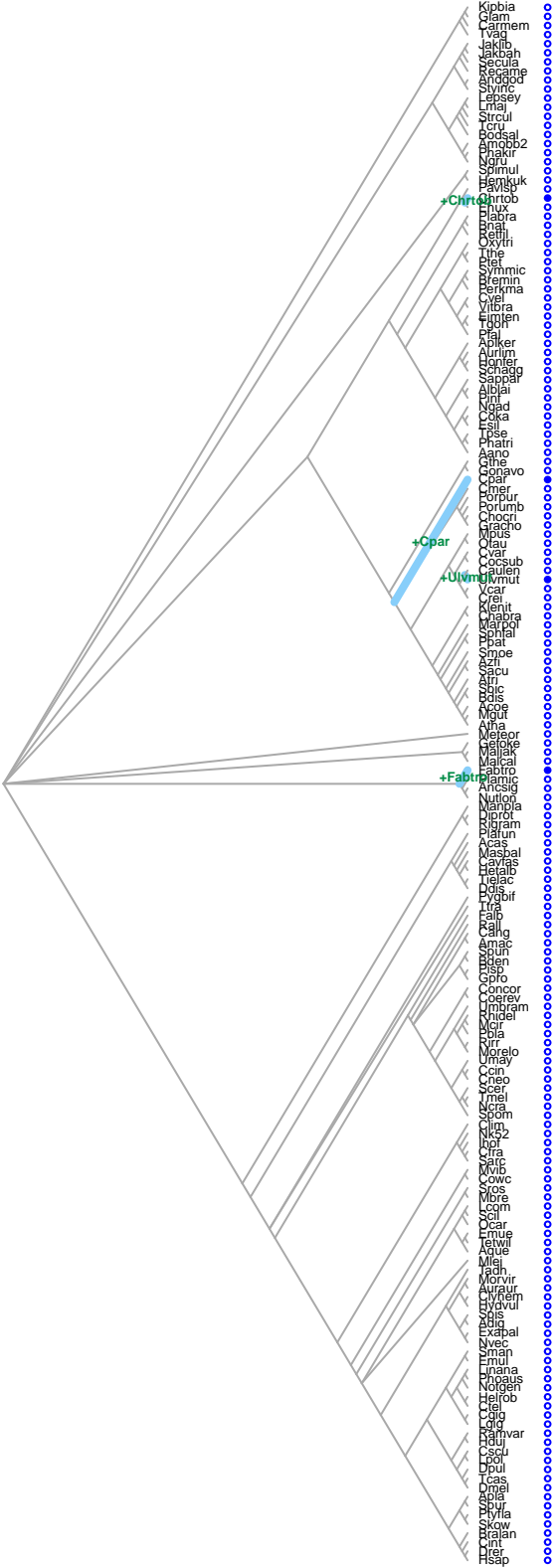
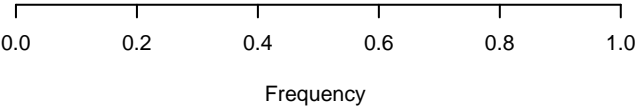


SNF2\_N.HG1.0  
like:HLTF/TTF2

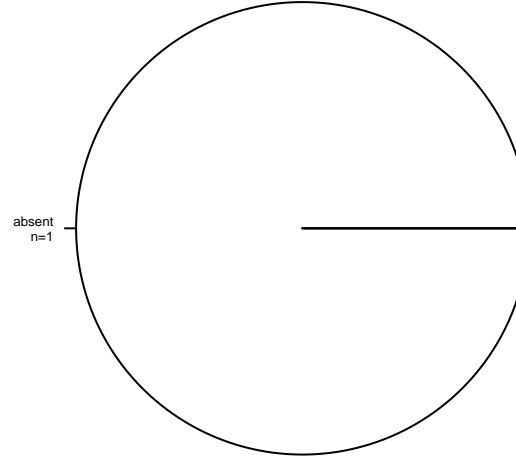
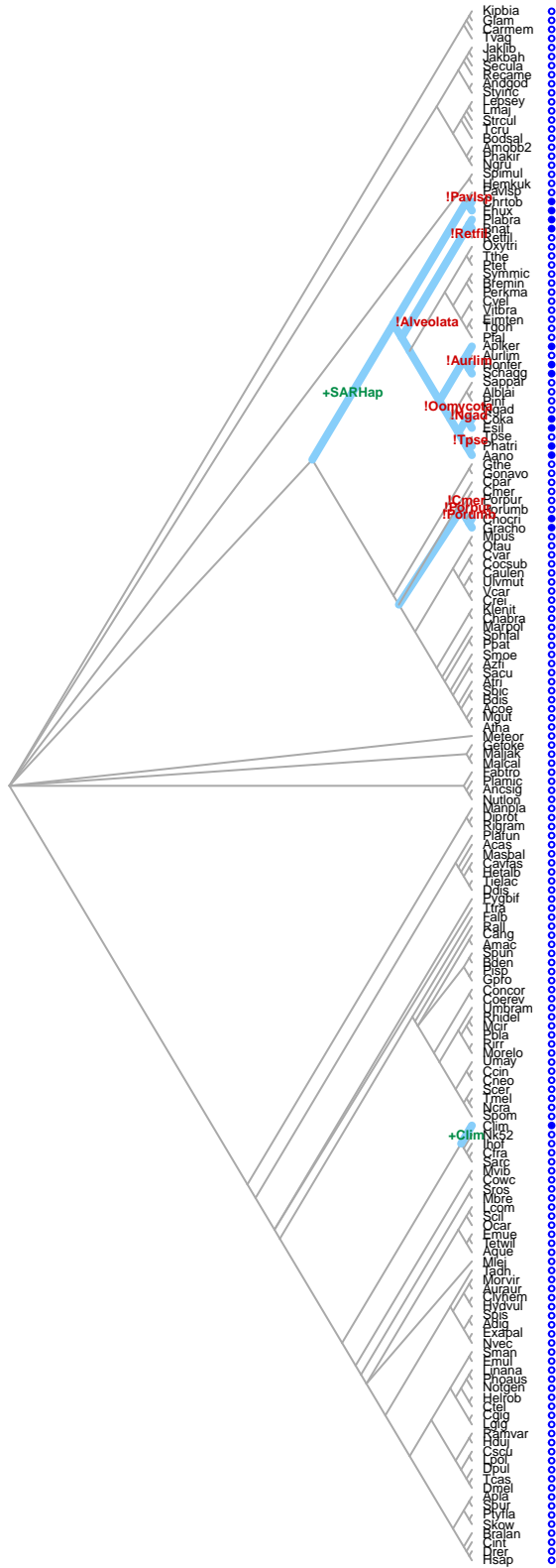


absent absent | n=1

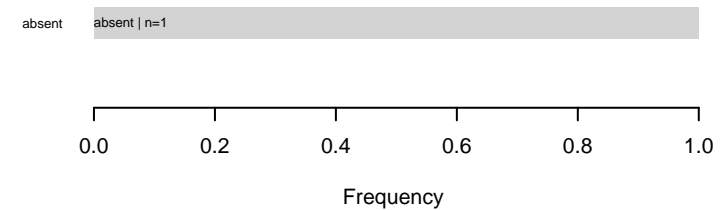


Gain: Fabtro,Ulvmut,Cpar,Chrto,NA  
Presence Eukaryota prob = 0.00  
Present: 4  
Losses: NA

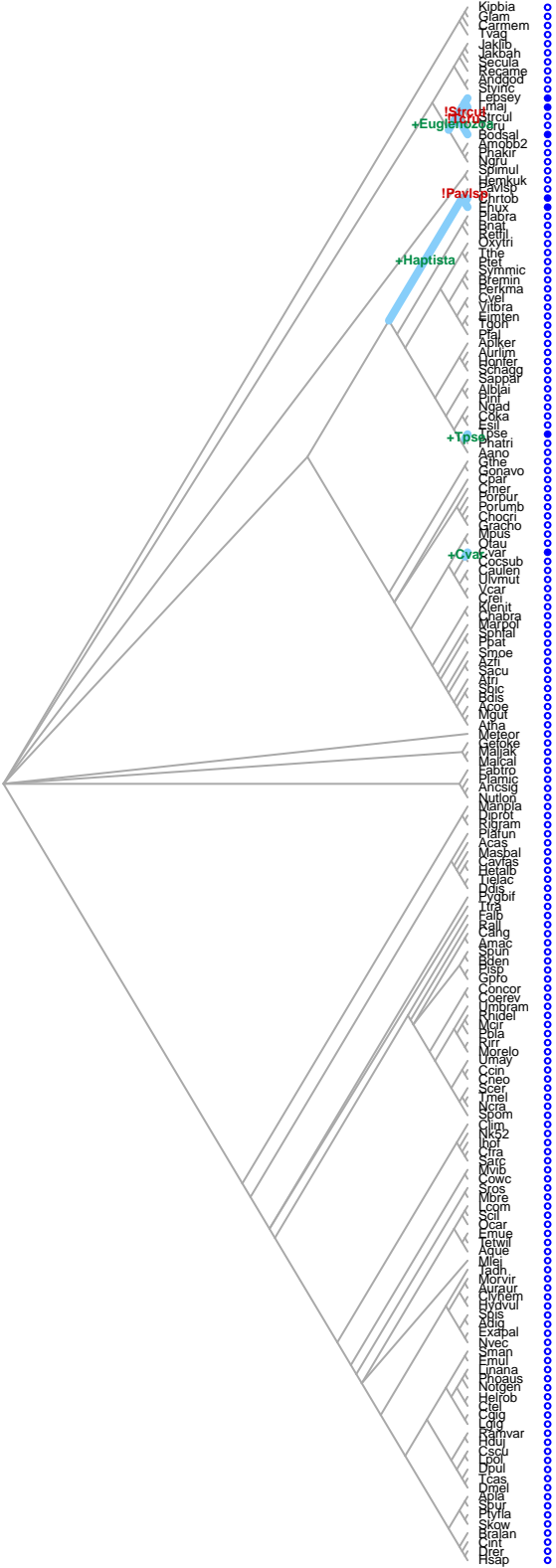
SNF2\_N.HG1.1  
like:HLTF/TTF2



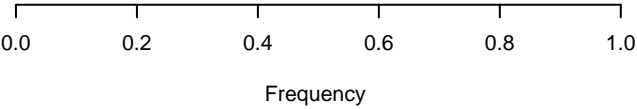
Gain: Clim,SARHap,NA  
Presence Eukaryota prob = 0.32  
Present: 14  
Losses: NA



SNF2\_N.HG1.10  
like:HLTF/TTF2

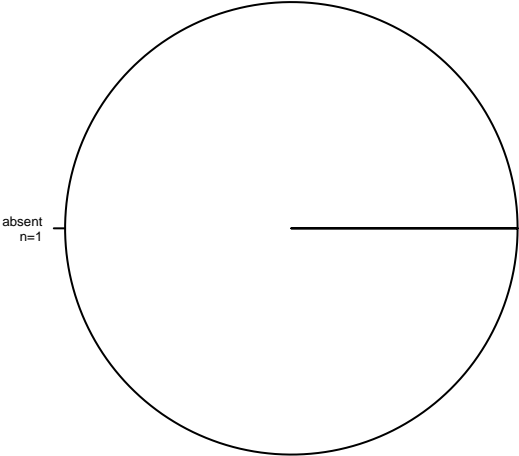
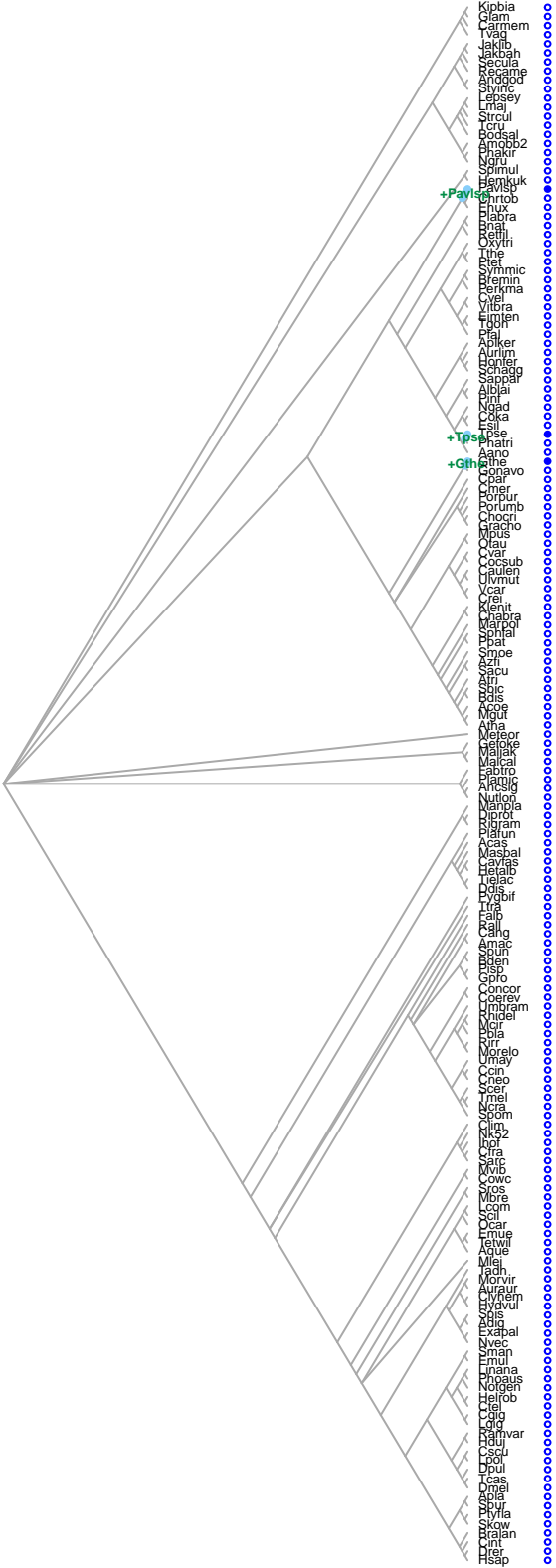


absent absent | n=1

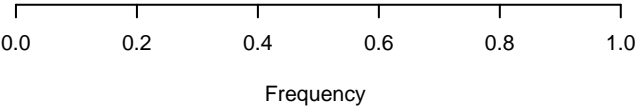


Gain: Cvar,Tpse,Haptista,Euglenozoa,NA  
Presence Eukaryota prob = 0.01  
Present: 7  
Losses: NA

SNF2\_N.HG1.11  
like:HLTF/TTF2

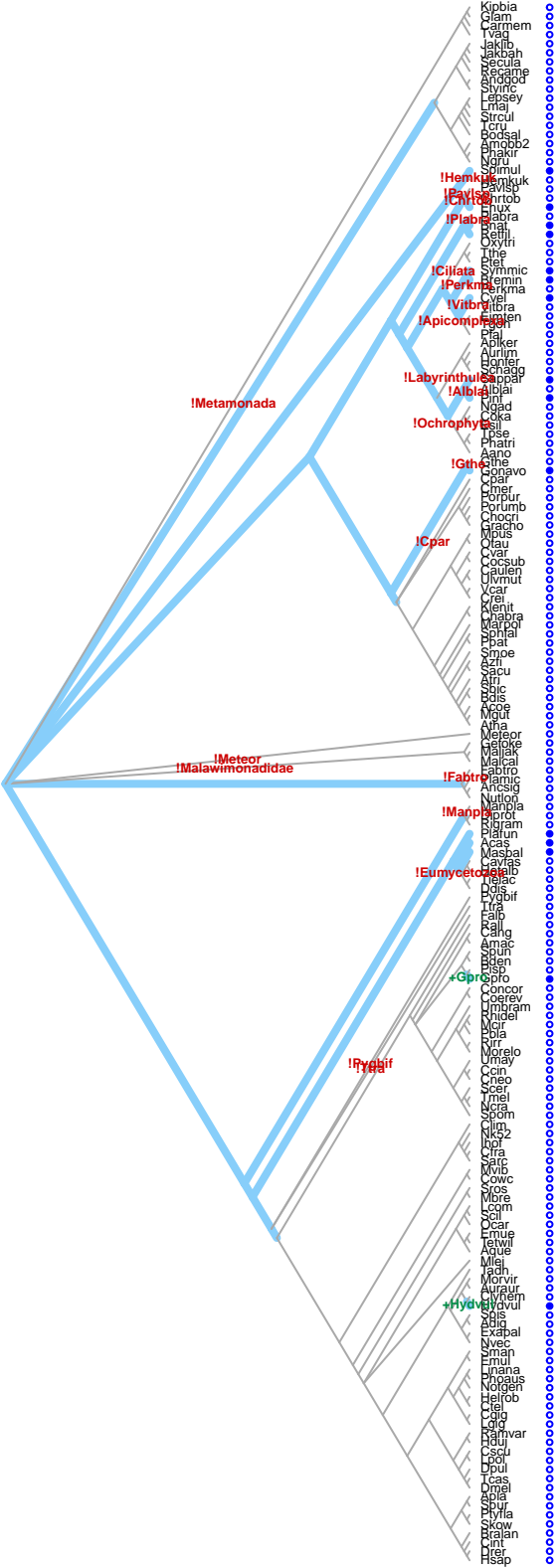


absent absent | n=1

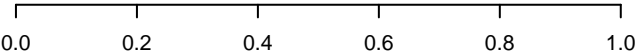


Gain: Gthe,Tpse,Pavisp,NA  
Presence Eukaryota prob = 0.02  
Present: 3  
Losses: NA

SNF2\_N.HG1.12  
like:HLTF/TTF2

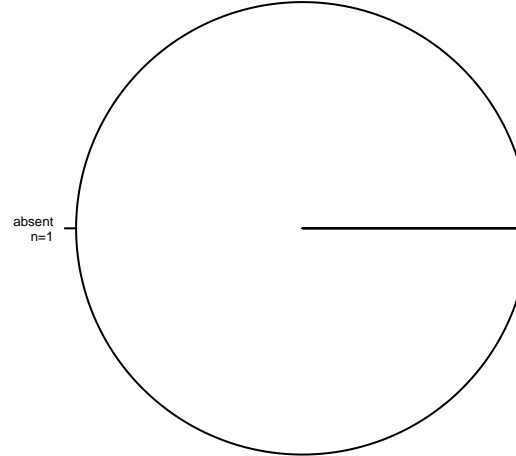
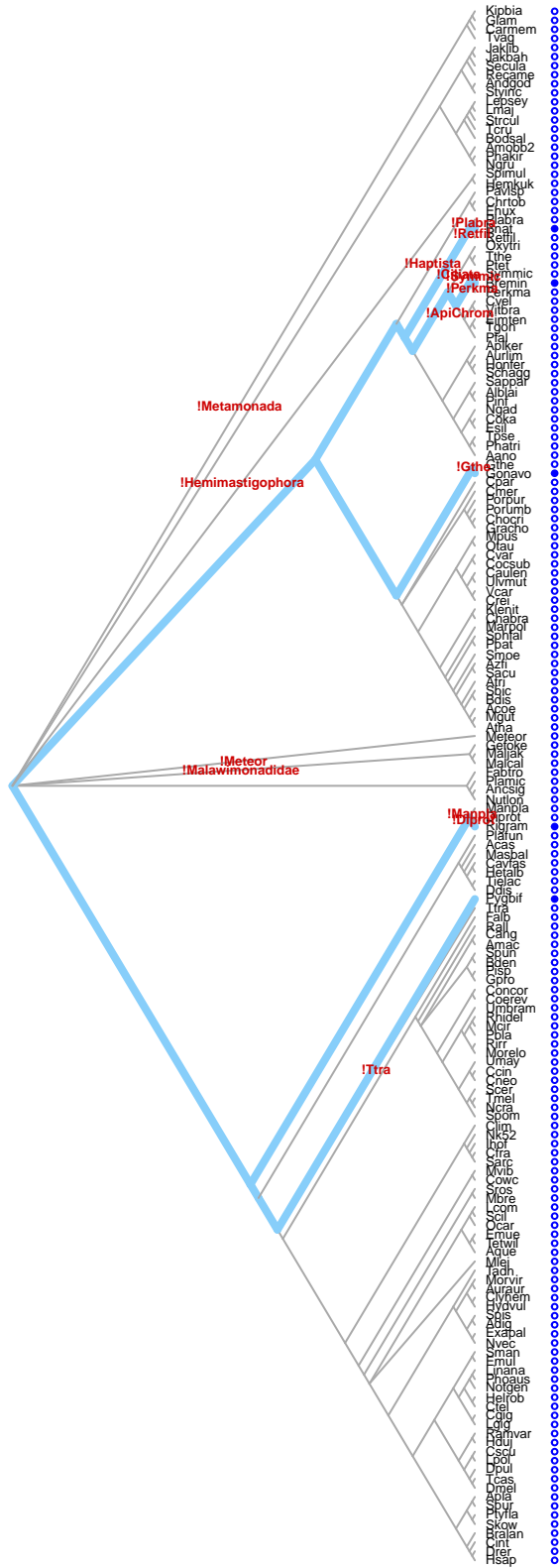


absent absent | n=1

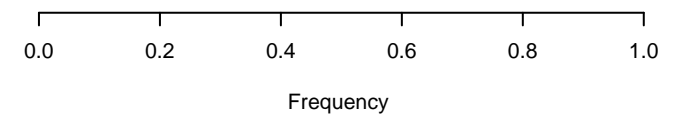


Gain: Hydvl,Gpro,NA  
Presence Eukaryota prob = 0.99  
Present: 15  
Losses: NA

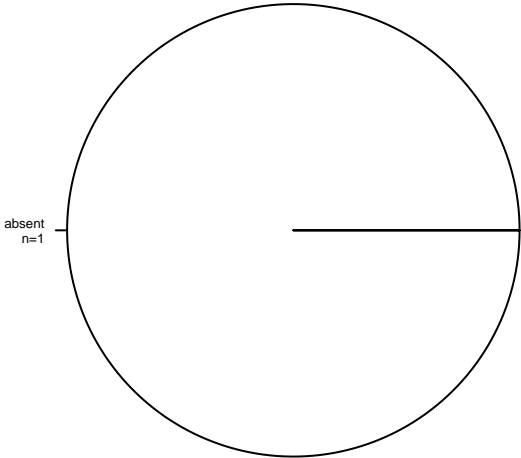
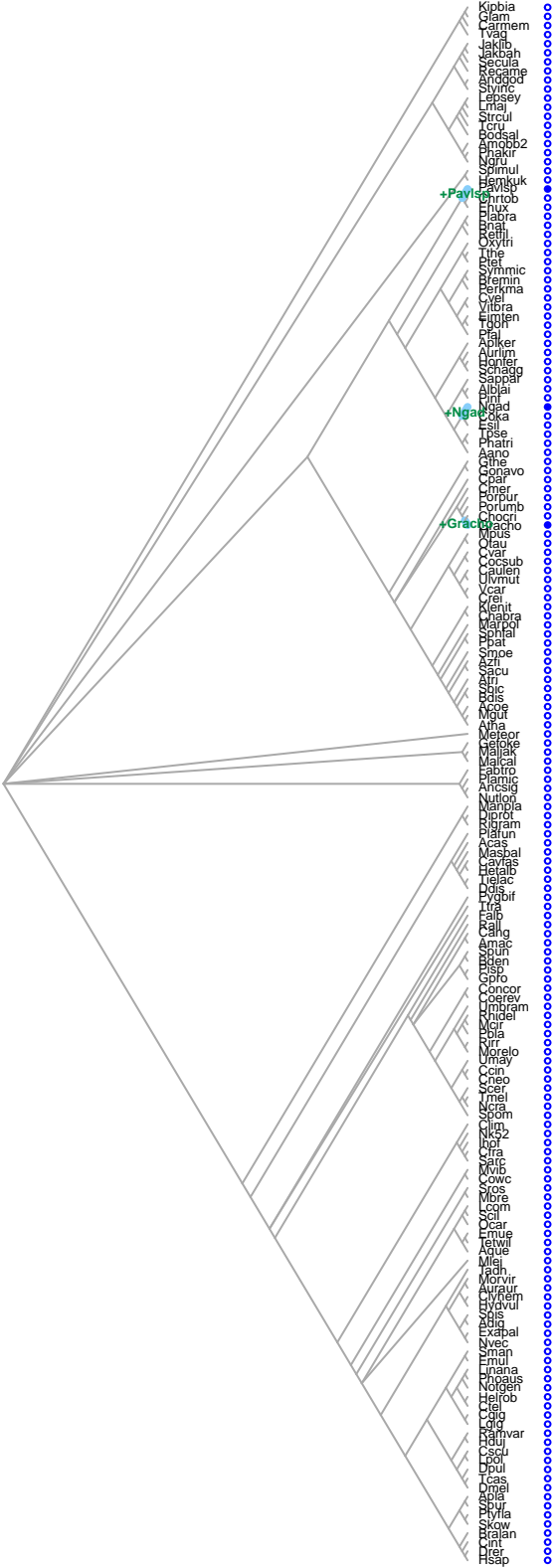
SNF2\_N.HG1.13  
like:HLTF/TTF2



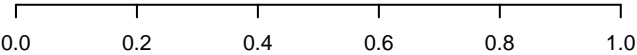
absent absent | n=1



SNF2\_N.HG1.14  
like:HLTF/TTF2



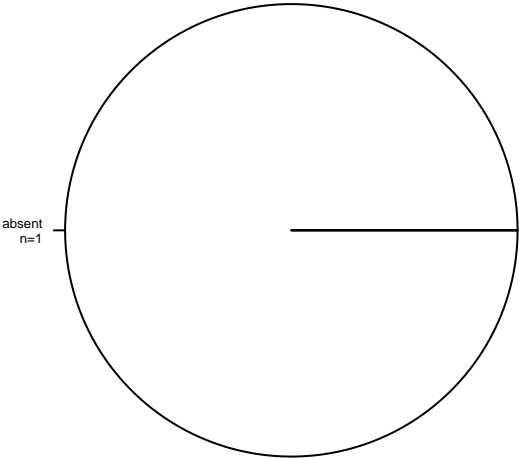
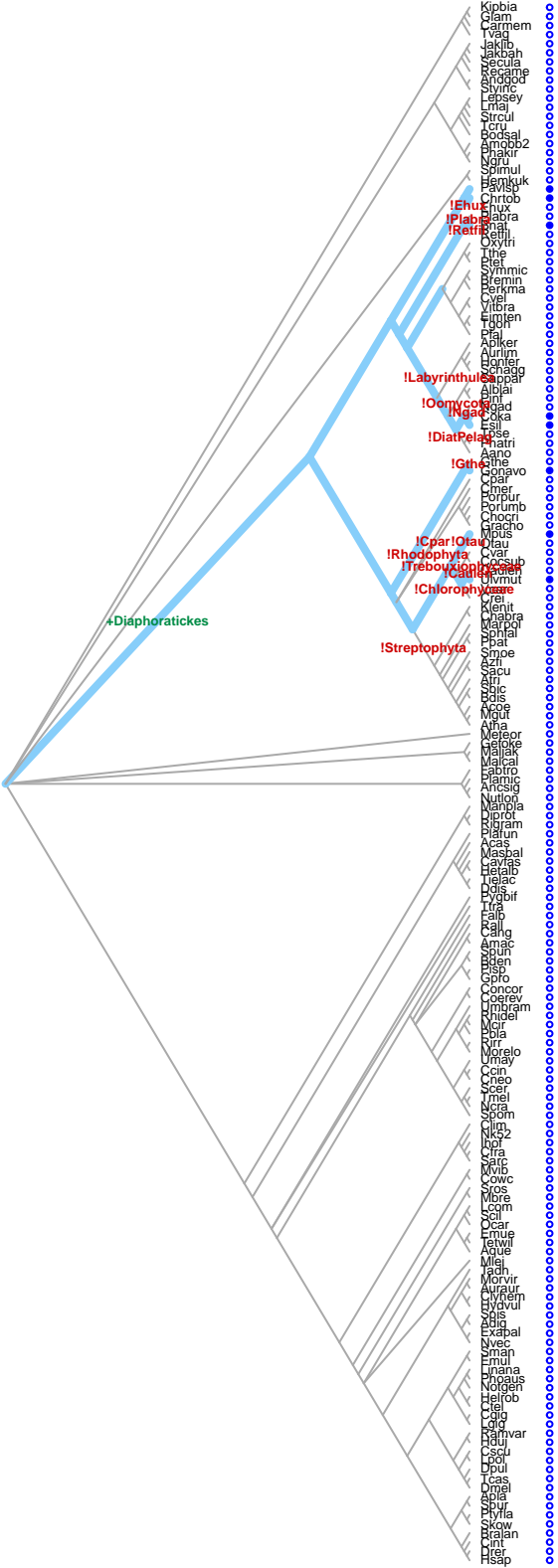
absent absent | n=1



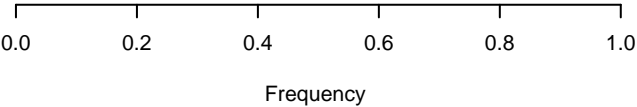
Frequency

Gain: Gracho,Ngad,Pavisp,NA  
Presence Eukaryota prob = 0.00  
Present: 3  
Losses: NA

SNF2\_N.HG1.15  
like:HLTF/TTF2



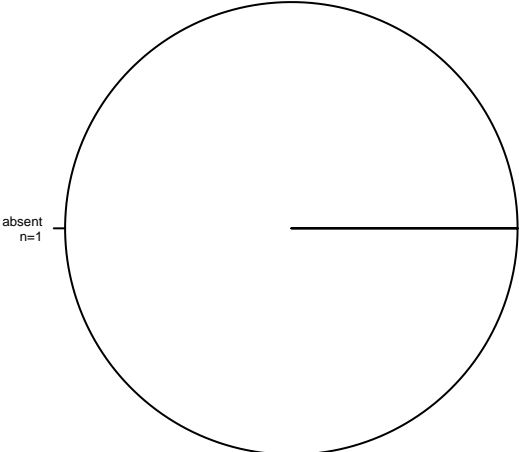
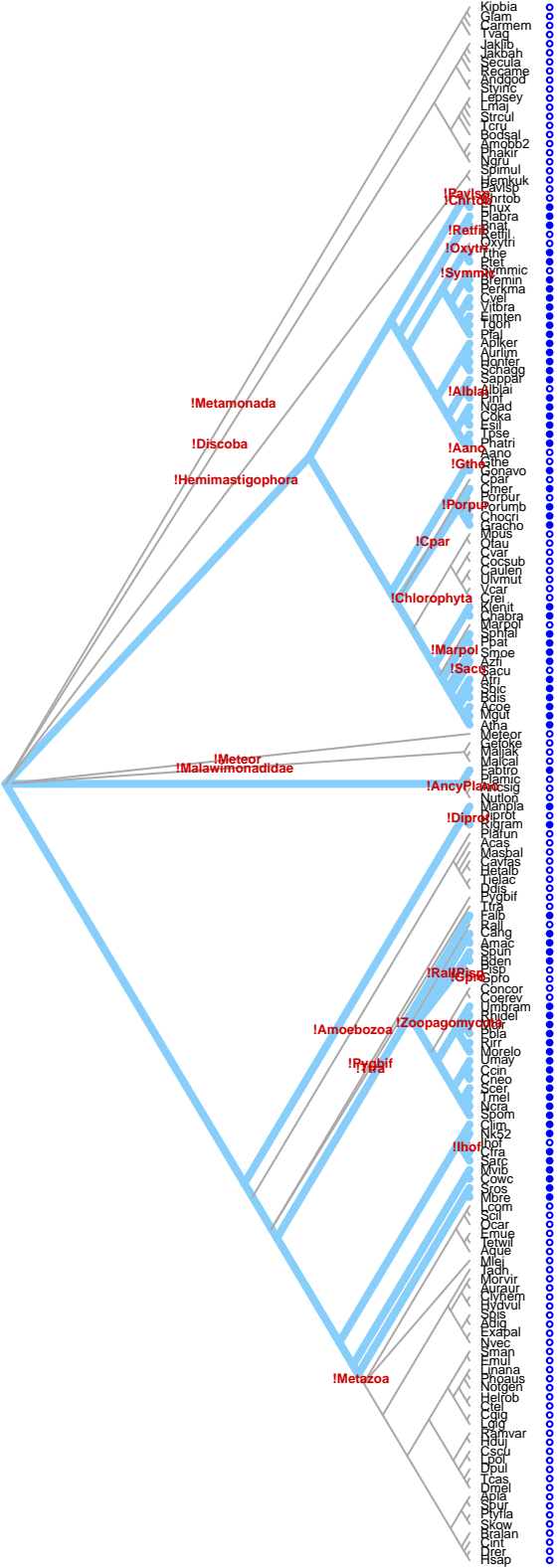
absent absent | n=1



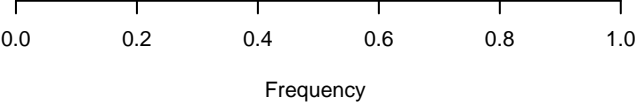
Gain: Diaphoratickes,NA  
Presence Eukaryota prob = 0.48  
Present: 8  
Losses: NA



SNF2\_N.HG1.16  
like:HLTF/TTF2

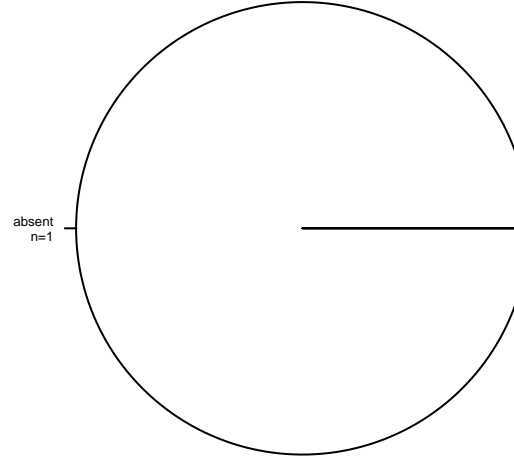
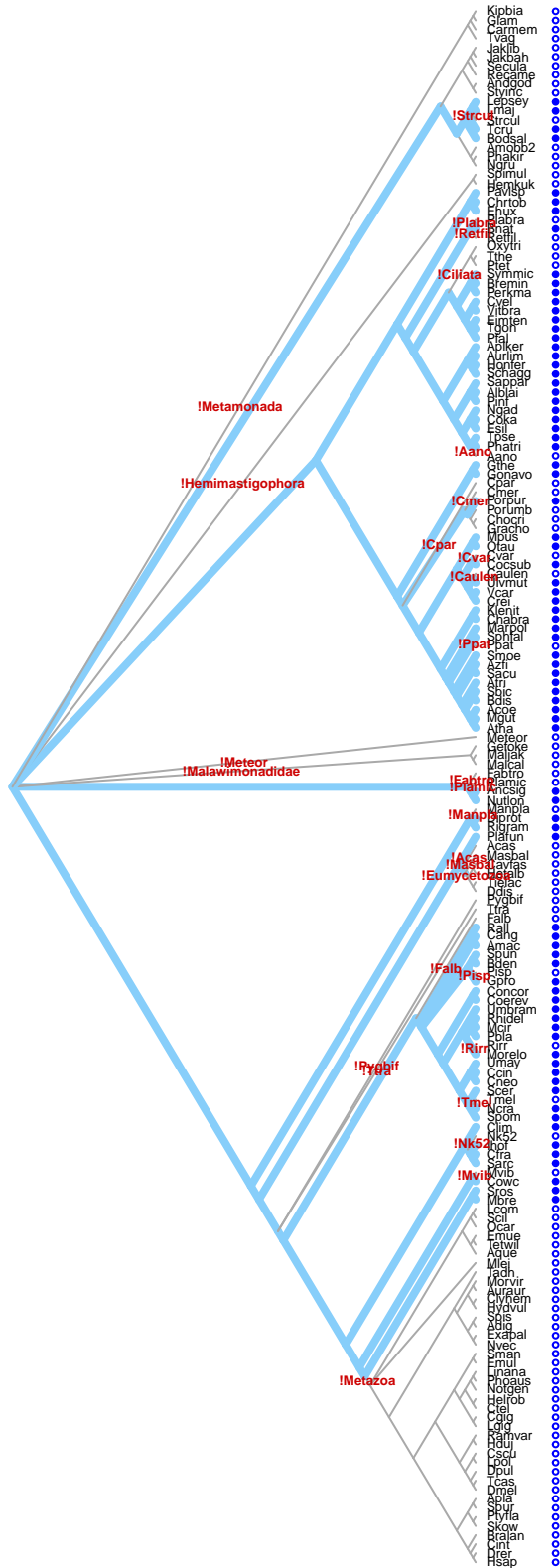


absent absent | n=1

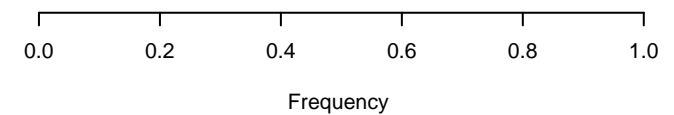


Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 69  
Losses: NA

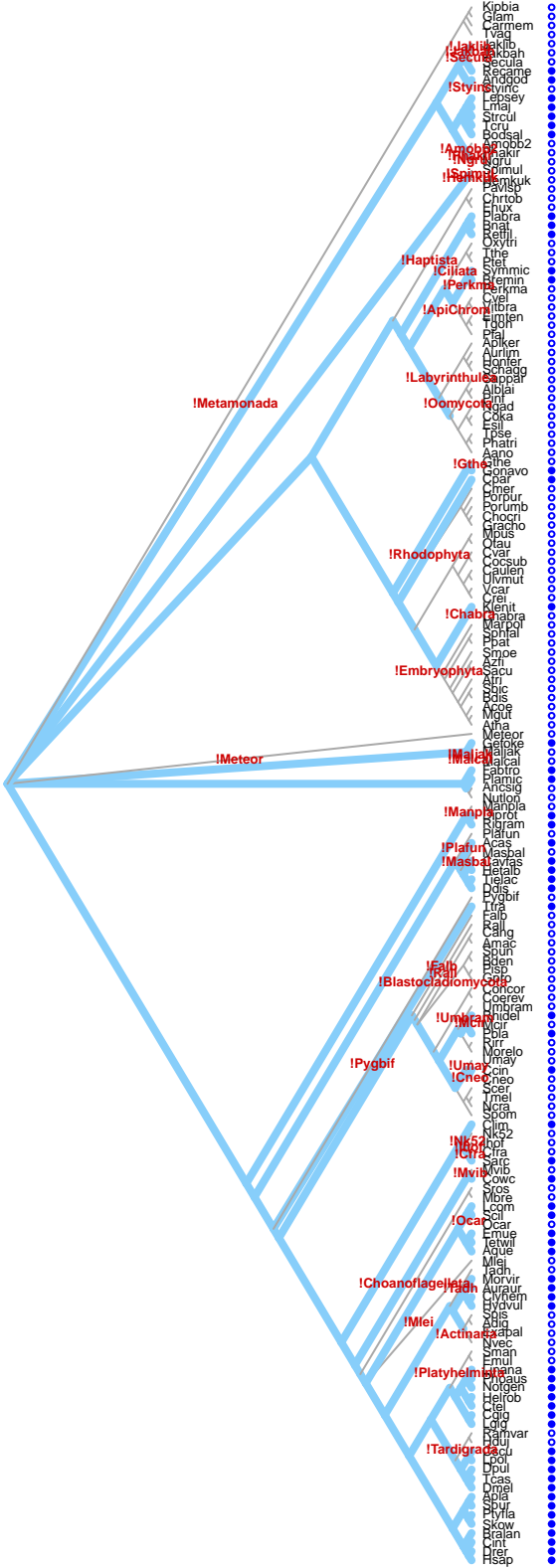
SNF2\_N.HG1.17  
like:HLTF/TTF2



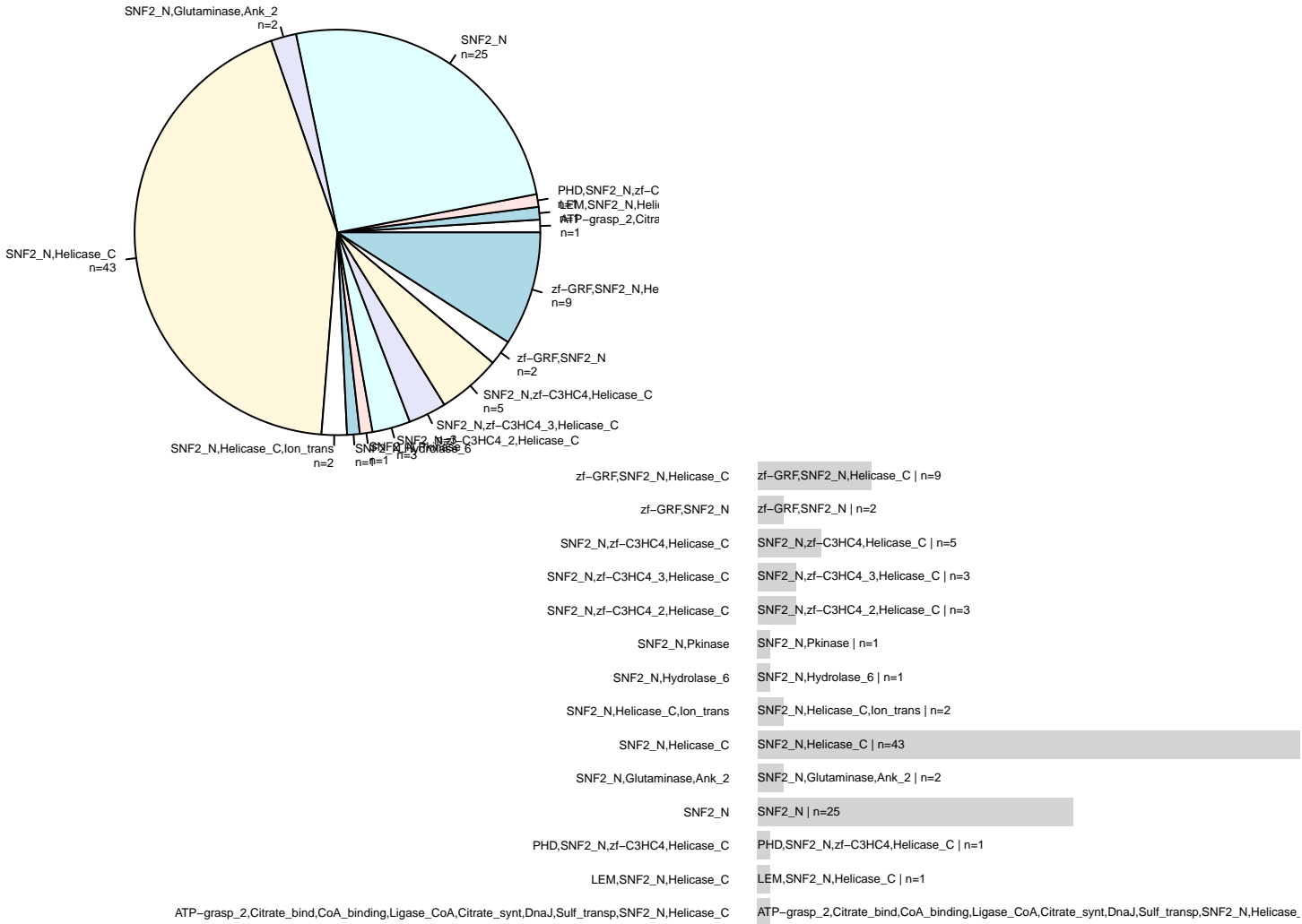
absent absent | n=1



SNF2\_N.HG1.18  
TTF2

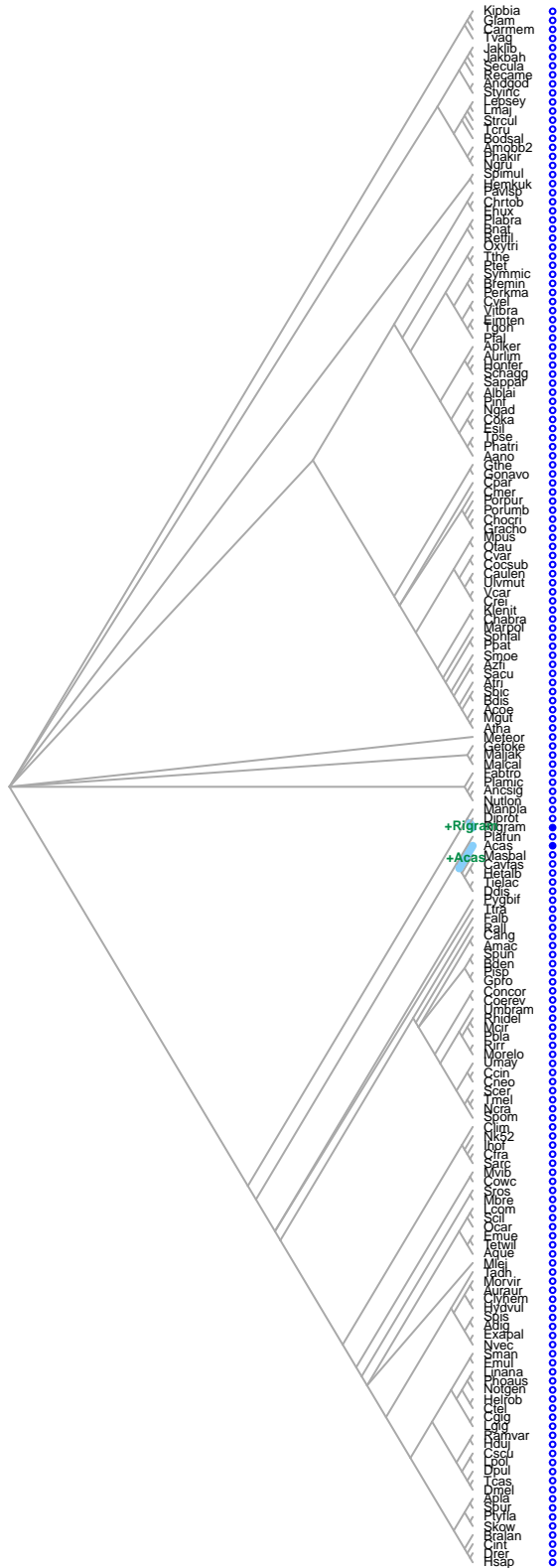


Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 61  
Losses: NA

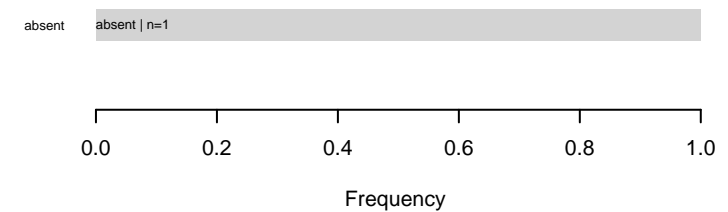
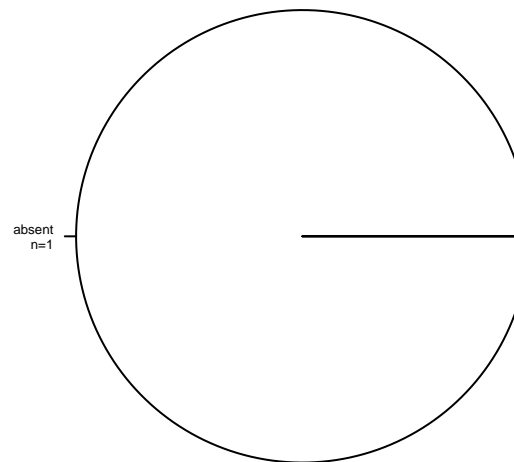


0 10 20 30 40  
Frequency

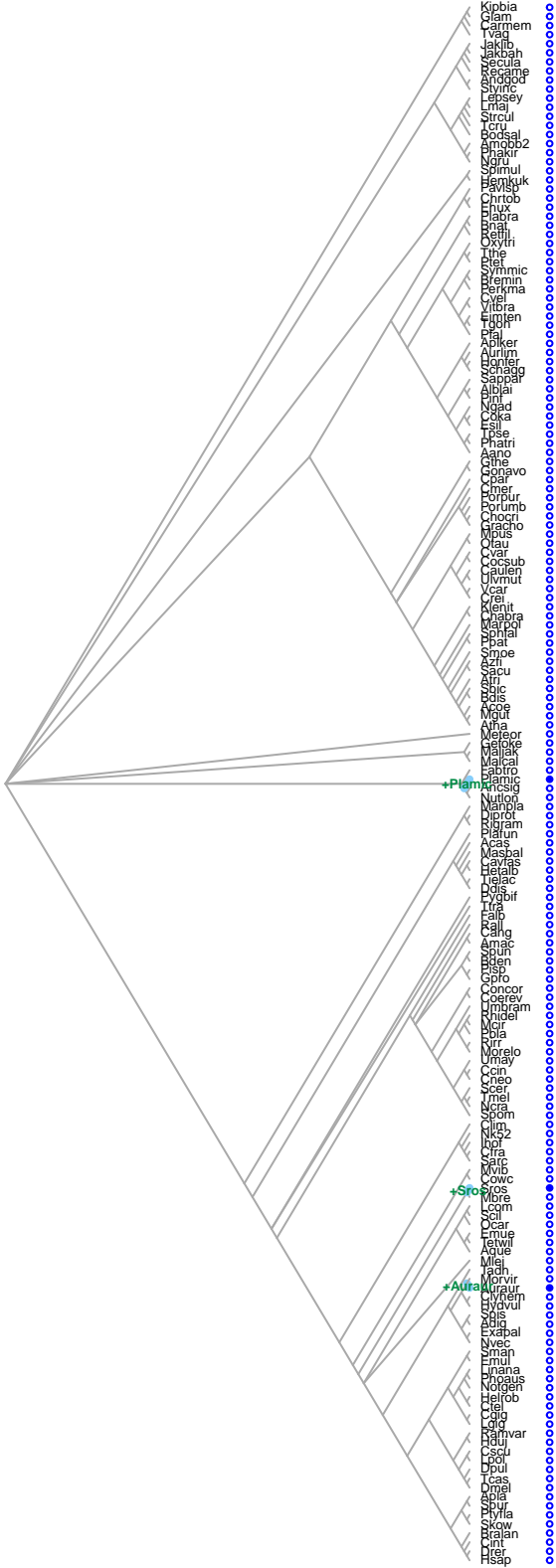
SNF2\_N.HG1.19  
like:HLTF/TTF2



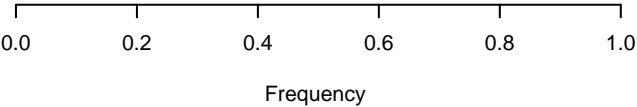
Gain: Acas,Rigram,NA  
Presence Eukaryota prob = 0.19  
Present: 2  
Losses: NA



SNF2\_N.HG1.2  
like:HLTF/TTF2

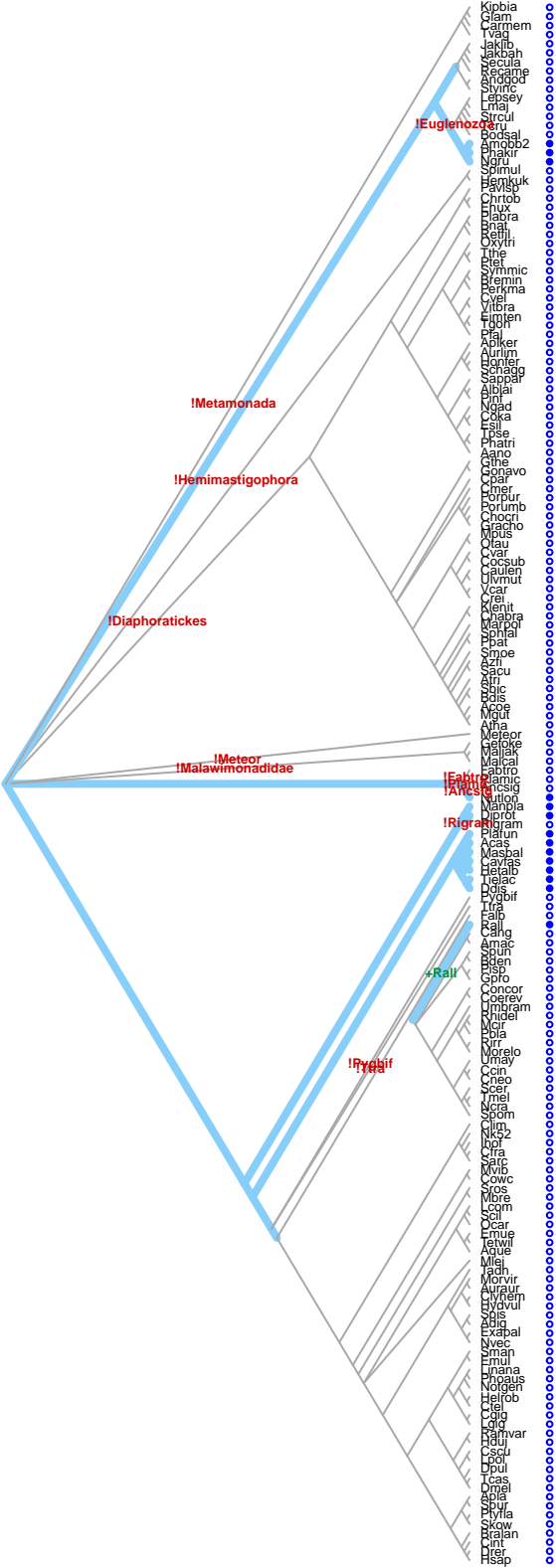


absent absent | n=1

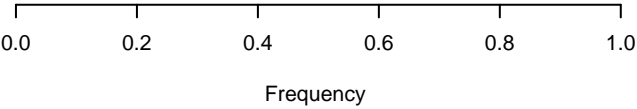


Gain: Auraur,Sros,Plamic,NA  
Presence Eukaryota prob = 0.01  
Present: 3  
Losses: NA

SNF2\_N.HG1.20  
like:HLTF/TTF2

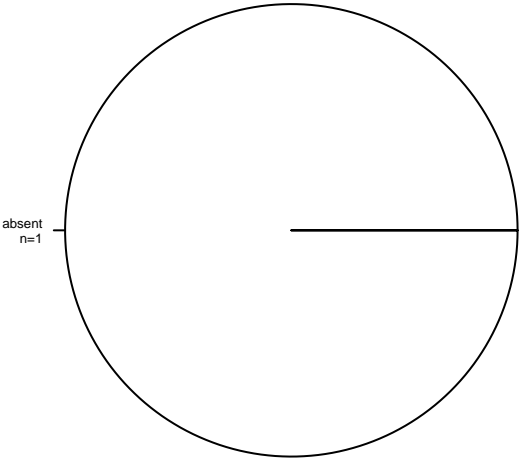
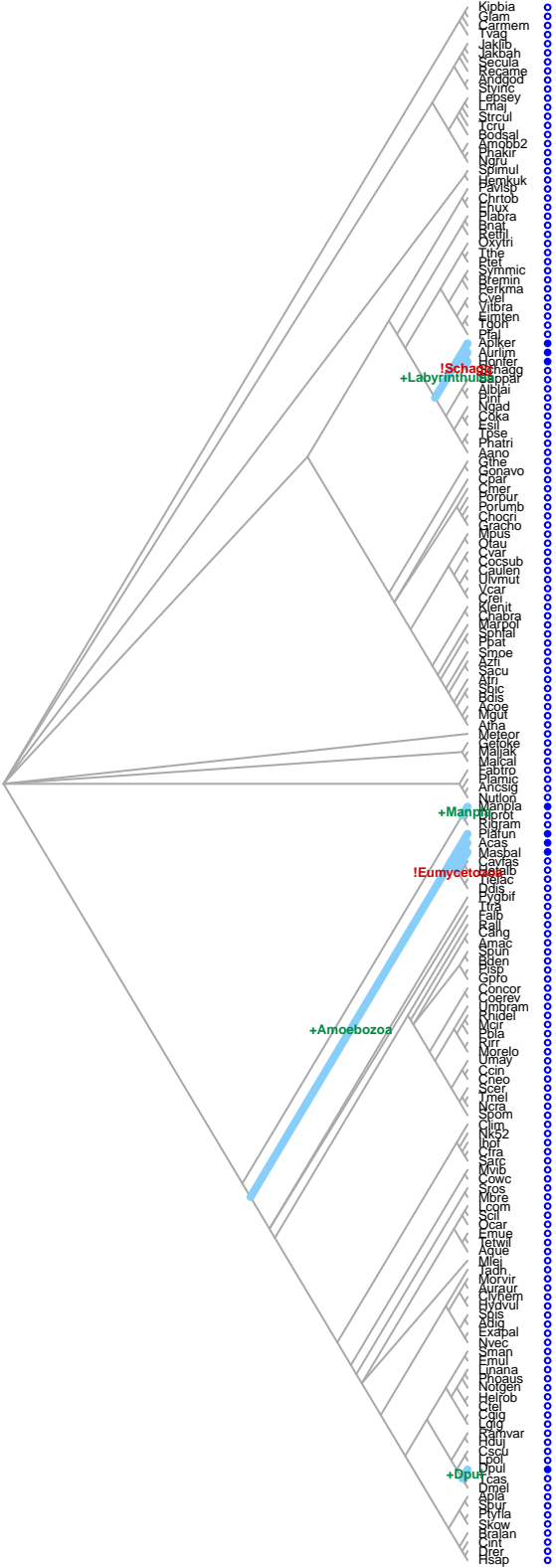


absent absent | n=1

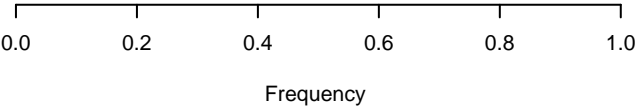


Gain: Rall,NA  
Presence Eukaryota prob = 0.95  
Present: 14  
Losses: NA

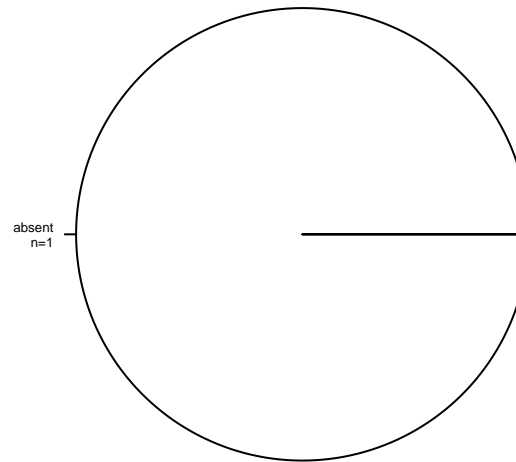
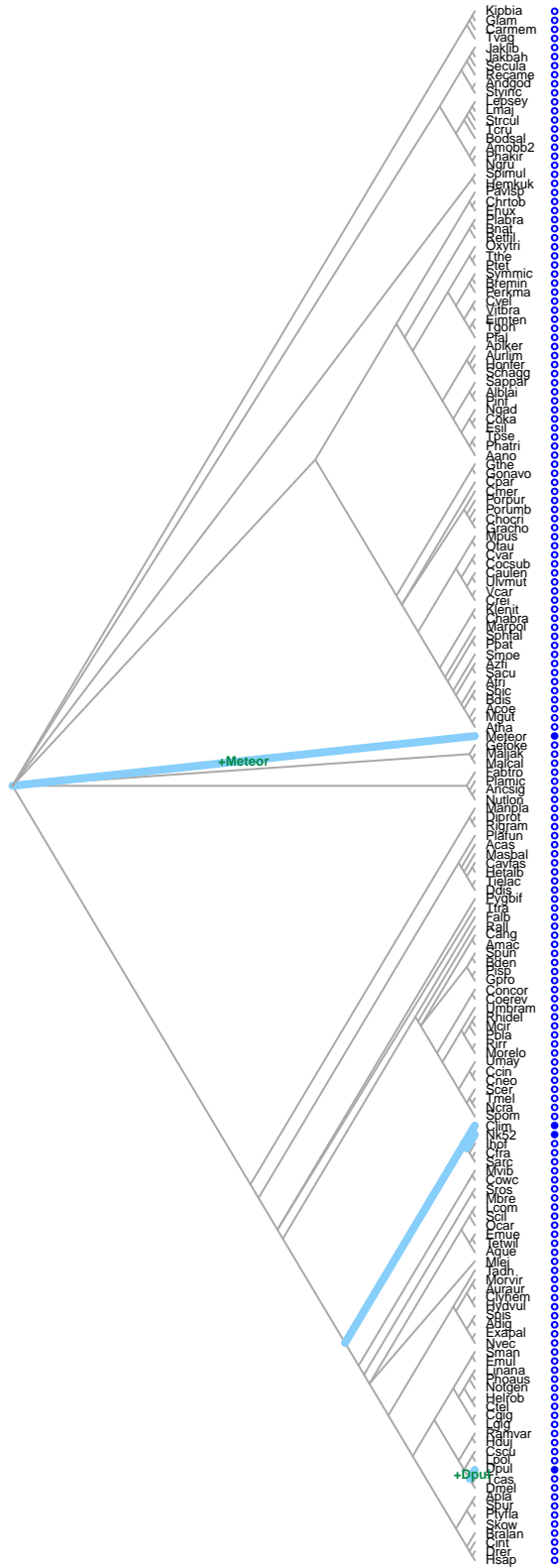
SNF2\_N.HG1.21  
like:HLTF/TTF2



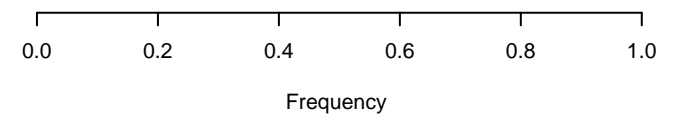
Gain: Dpul,Amoebozoa,Manpla,Labyrinthulea,NA  
Presence Eukaryota prob = 0.22  
Present: 8  
Losses: NA



SNF2\_N.HG1.22  
like:HLTF



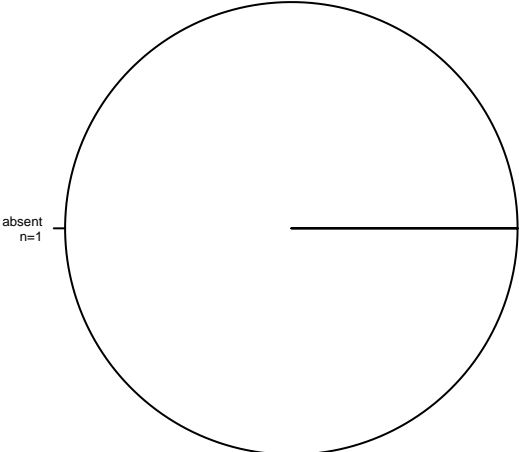
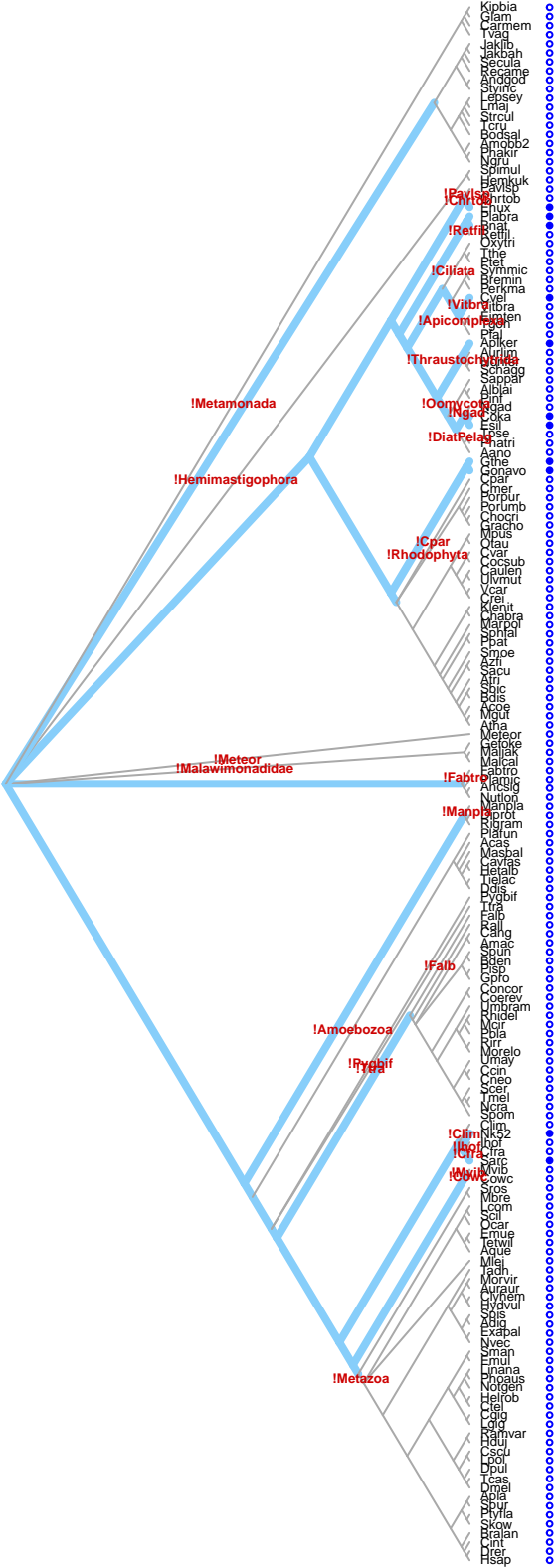
absent absent | n=1



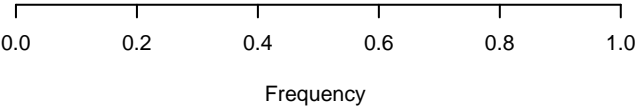
Gain: Dpul,Meteor,NA  
Presence Eukaryota prob = 0.04  
Present: 4  
Losses: NA



SNF2\_N.HG1.23  
like:HLTF

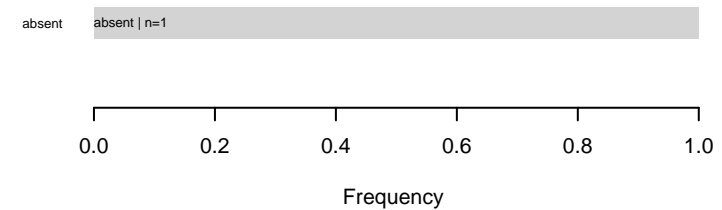
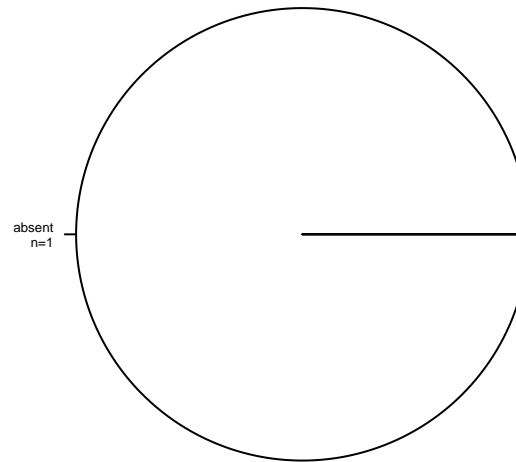
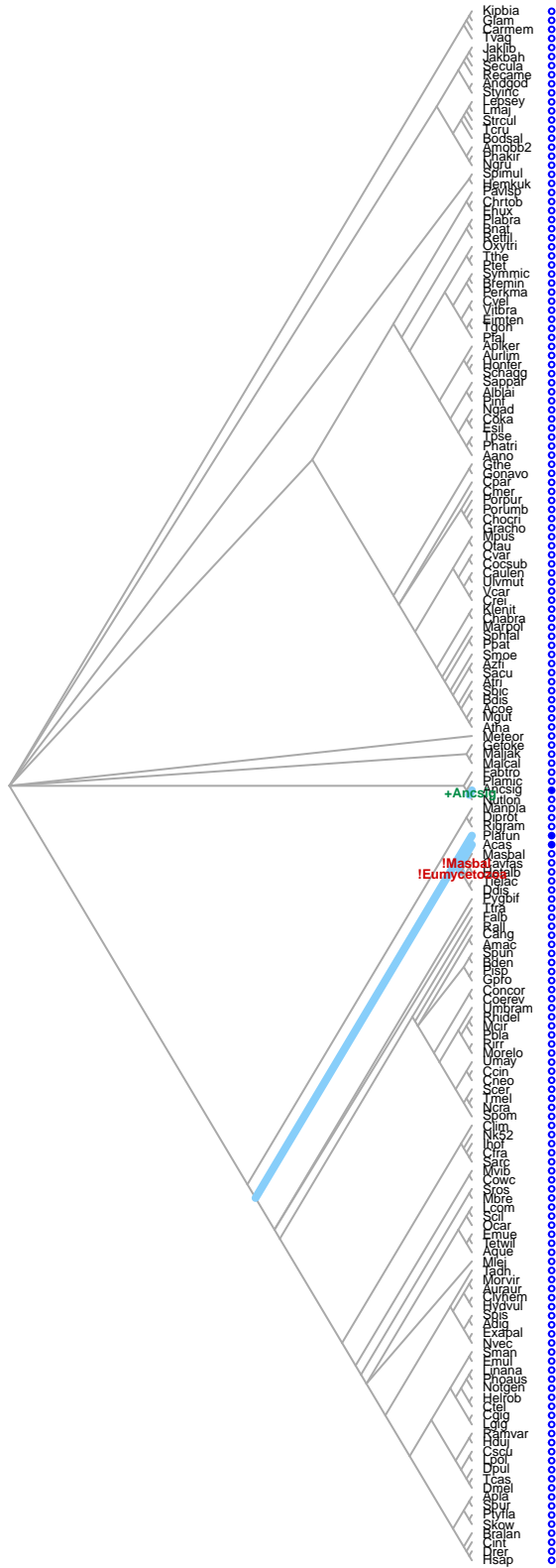


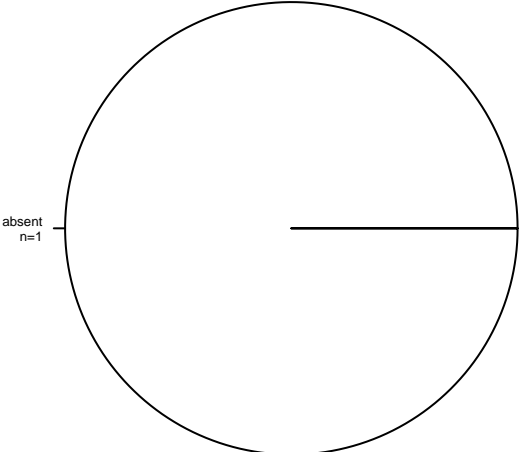
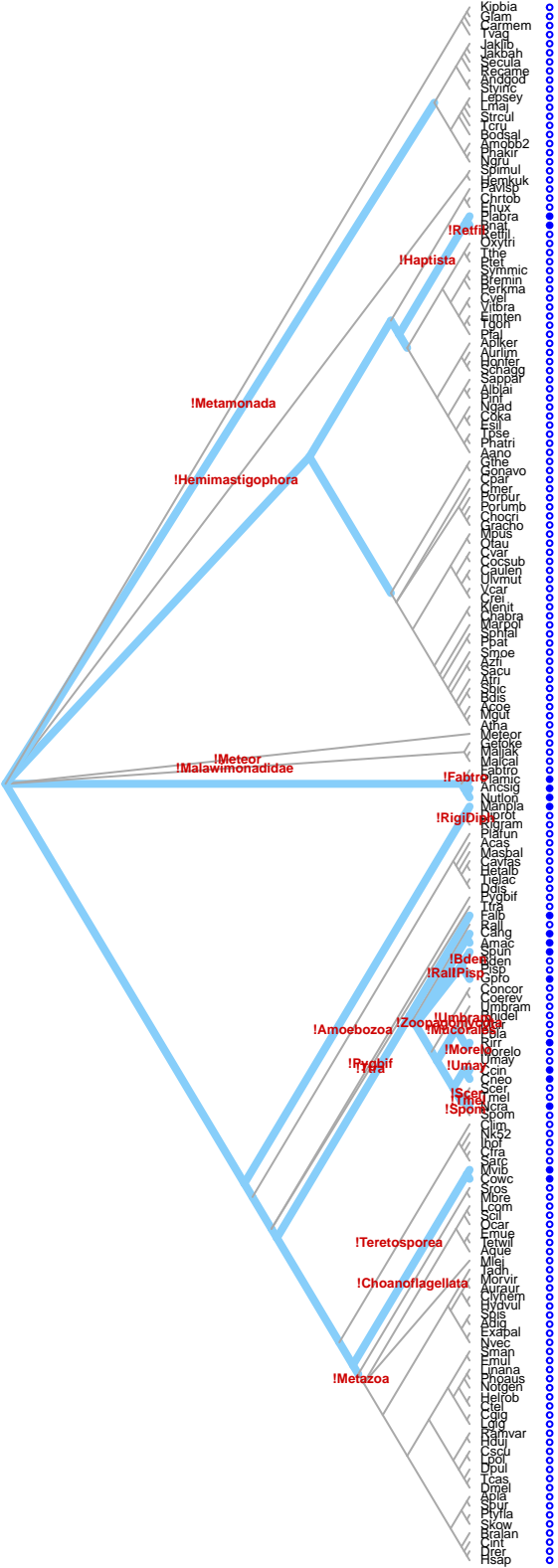
absent absent | n=1



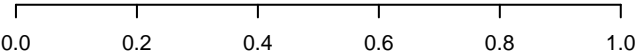
Gain: NA  
Presence Eukaryota prob = 0.94  
Present: 11  
Losses: NA

SNF2\_N.HG1.24  
like:HLTF/TTF2





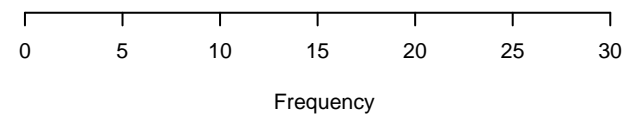
absent absent | n=1



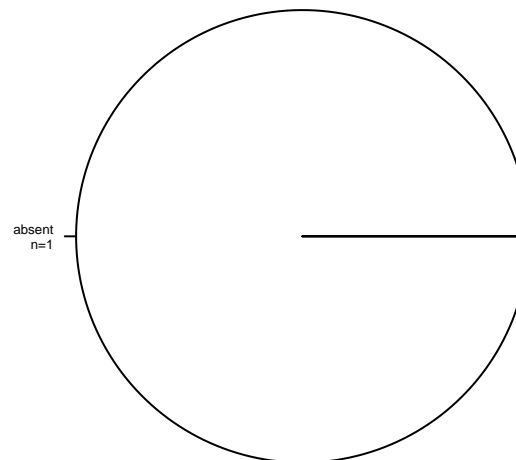
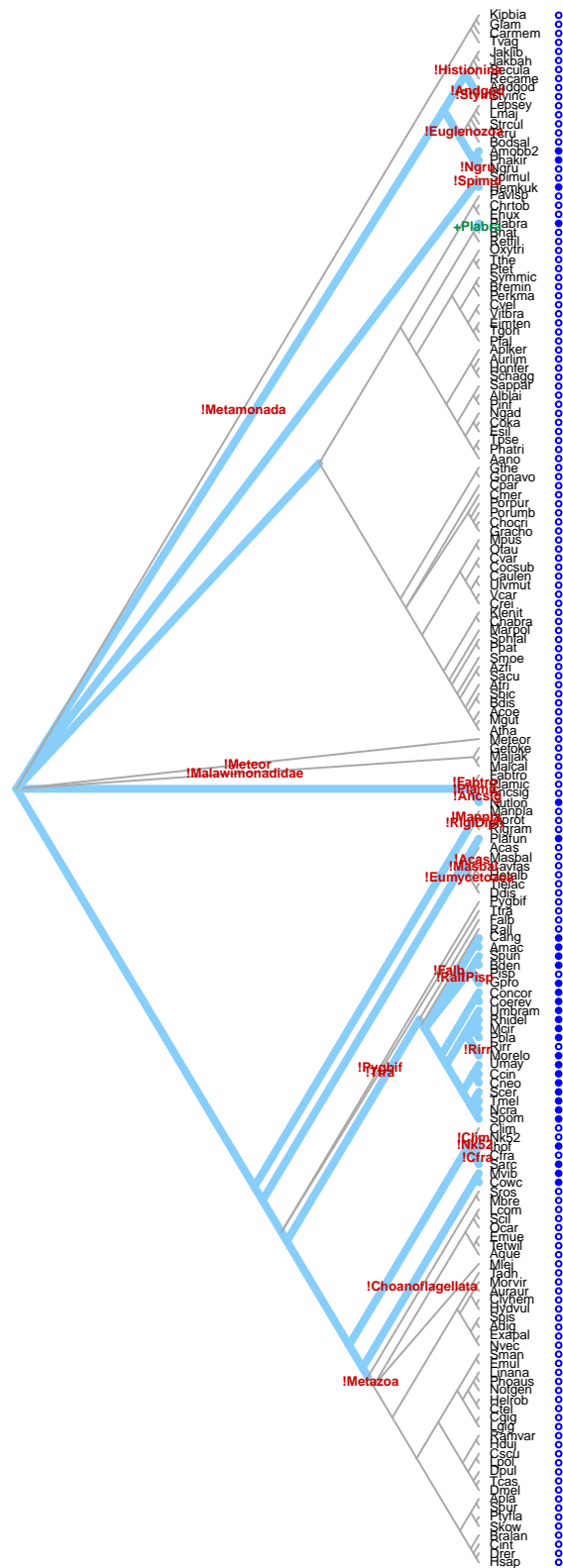
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 17  
Losses: NA

Frequency

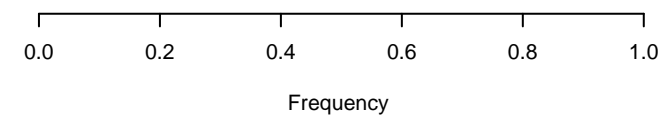
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 66  
Losses: NA



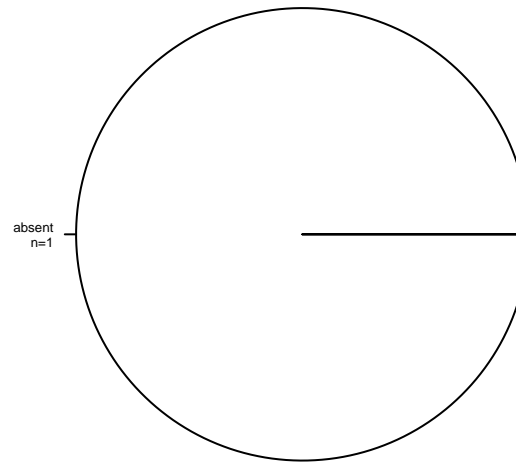
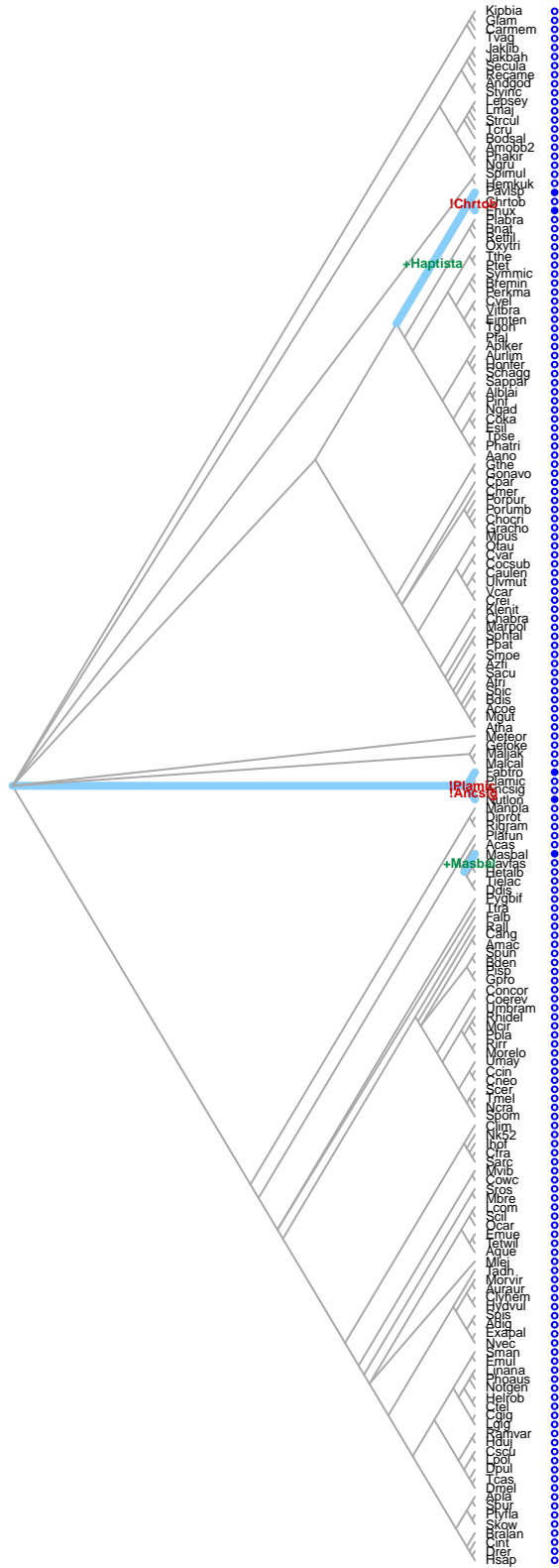
SNF2\_N.HG1.27  
like:TTF2



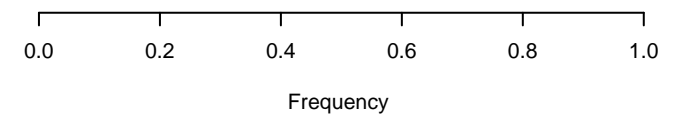
absent absent | n=1



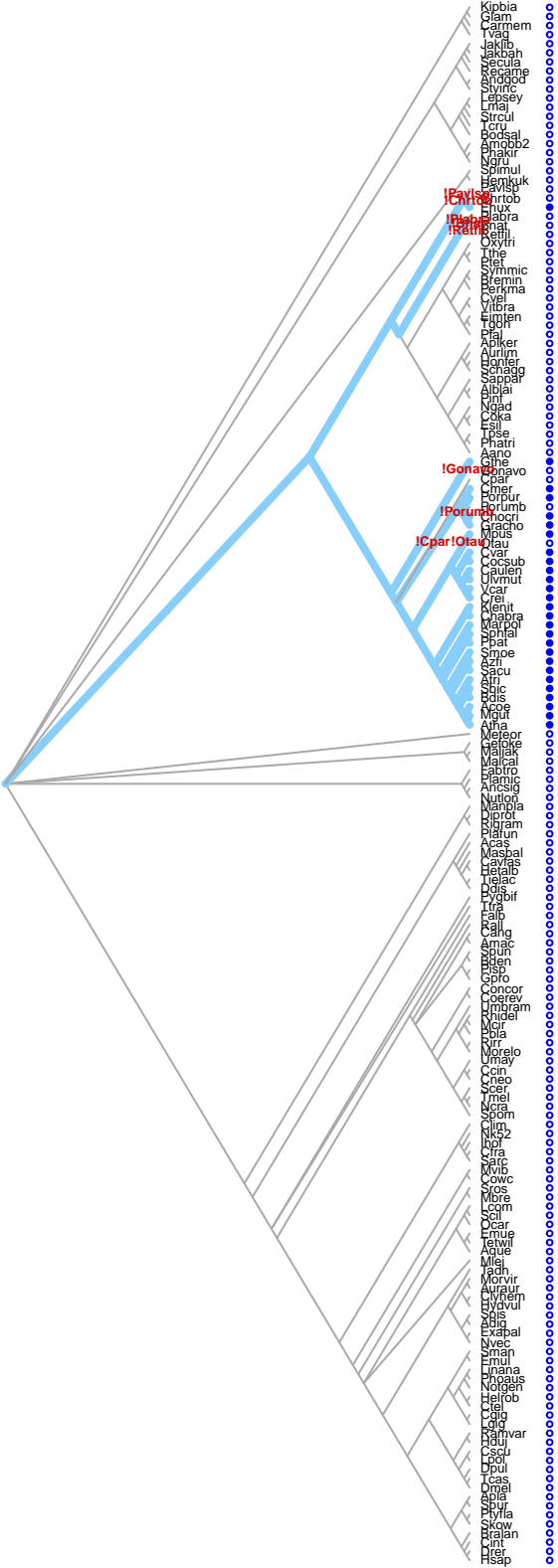
SNF2\_N.HG1.28  
like:TTF2



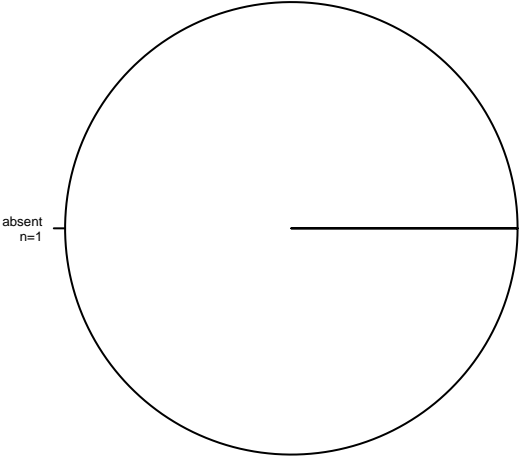
absent absent | n=1



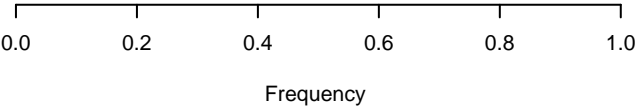
SNF2\_N.HG1.29  
like:TTF2



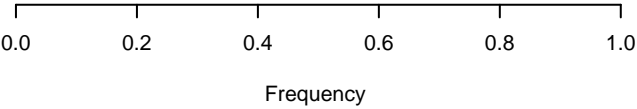
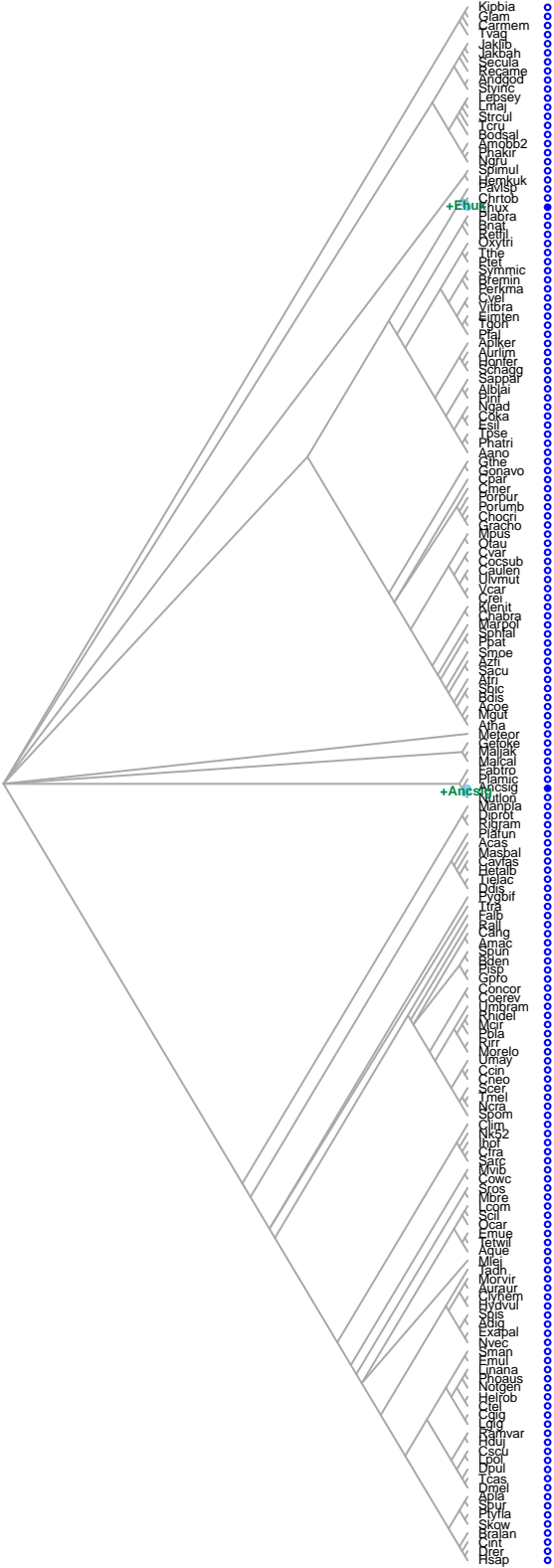
Gain: NA  
Presence Eukaryota prob = 0.33  
Present: 27  
Losses: NA



absent absent | n=1



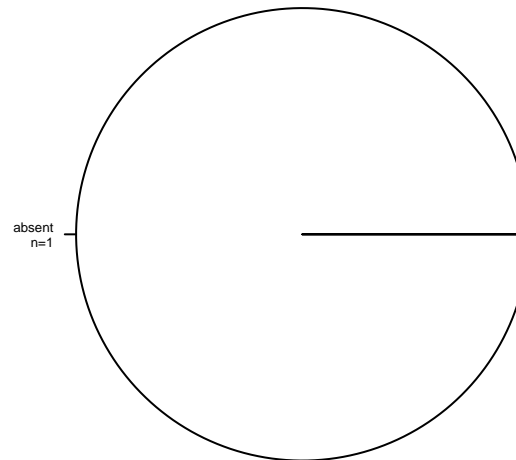
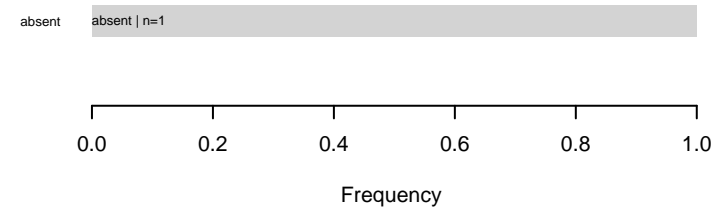
SNF2\_N.HG1.3  
like:HLTF/TTF2



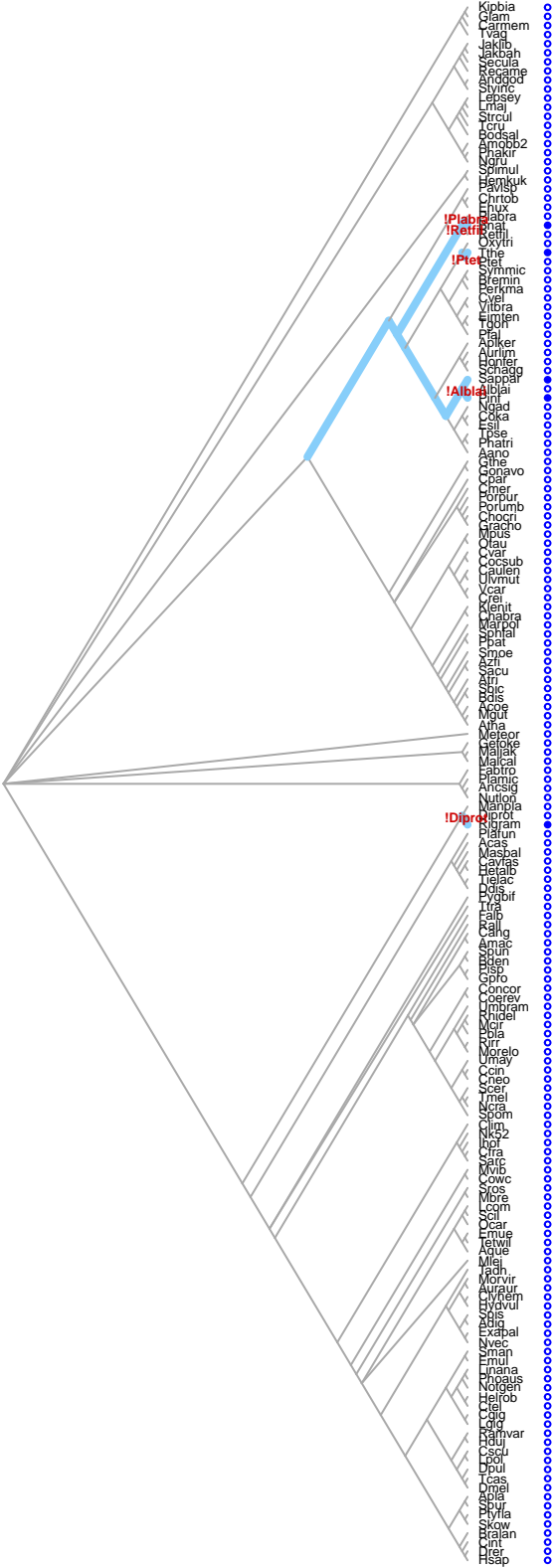
Gain: Ancsig,Ehux,NA  
Presence Eukaryota prob = 0.01  
Present: 2  
Losses: NA



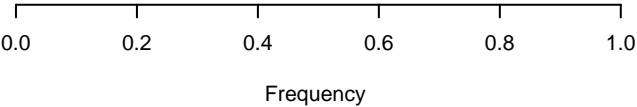
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 74  
Losses: NA



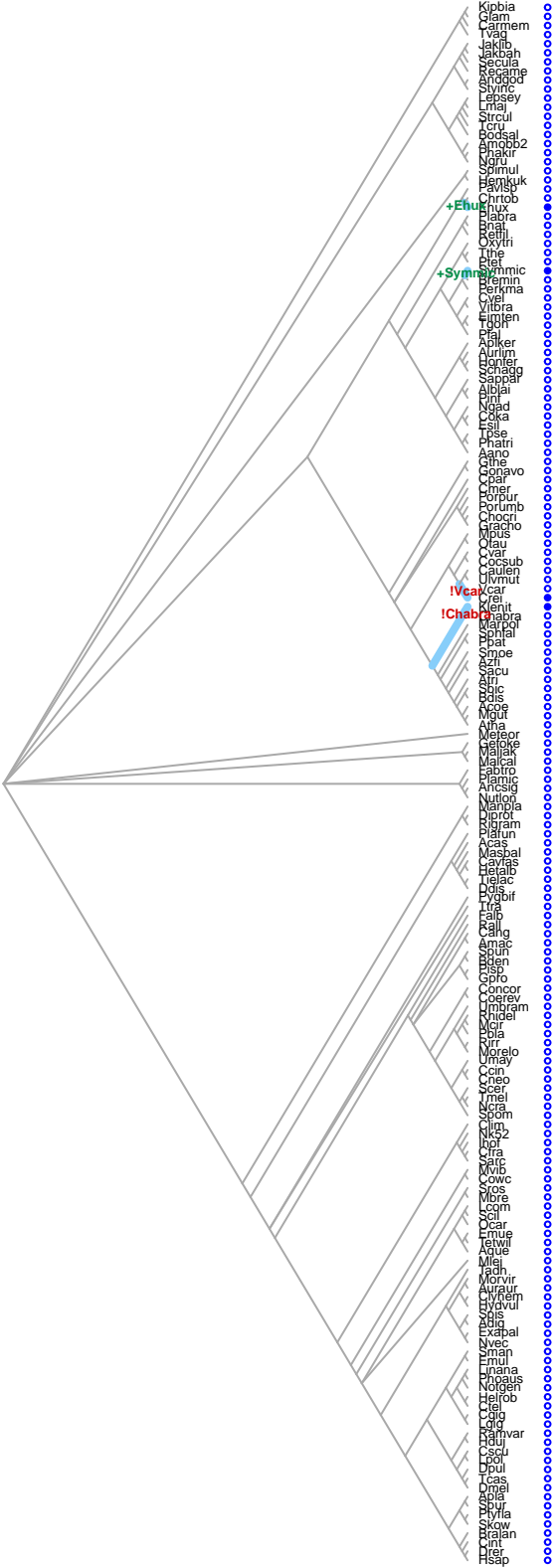
SNF2\_N.HG1.5  
like:HLTF/TF2



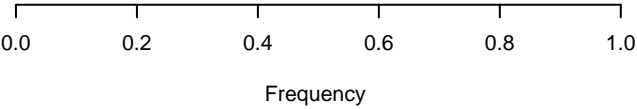
absent absent | n=1



SNF2\_N.HG1.6  
like:HLTF/TTF2

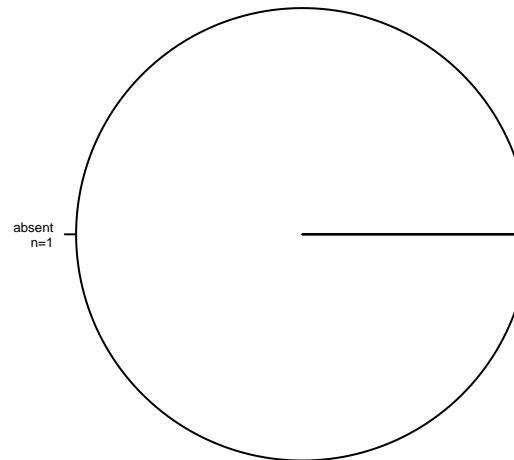
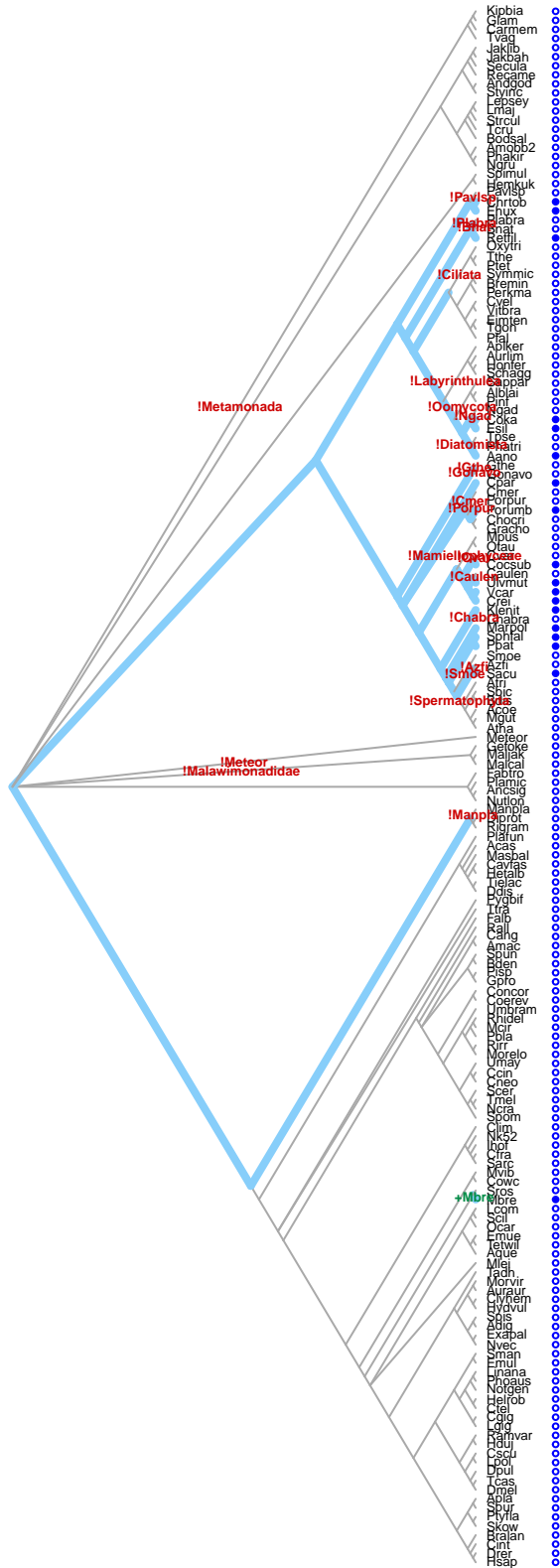


absent absent | n=1

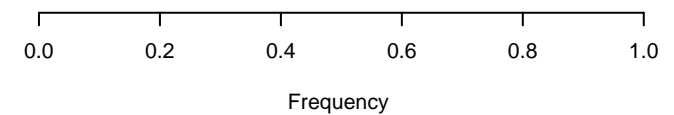


Gain: Symmic,Ehux,NA  
Presence Eukaryota prob = 0.21  
Present: 4  
Losses: NA

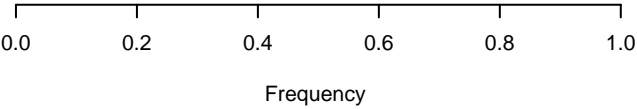
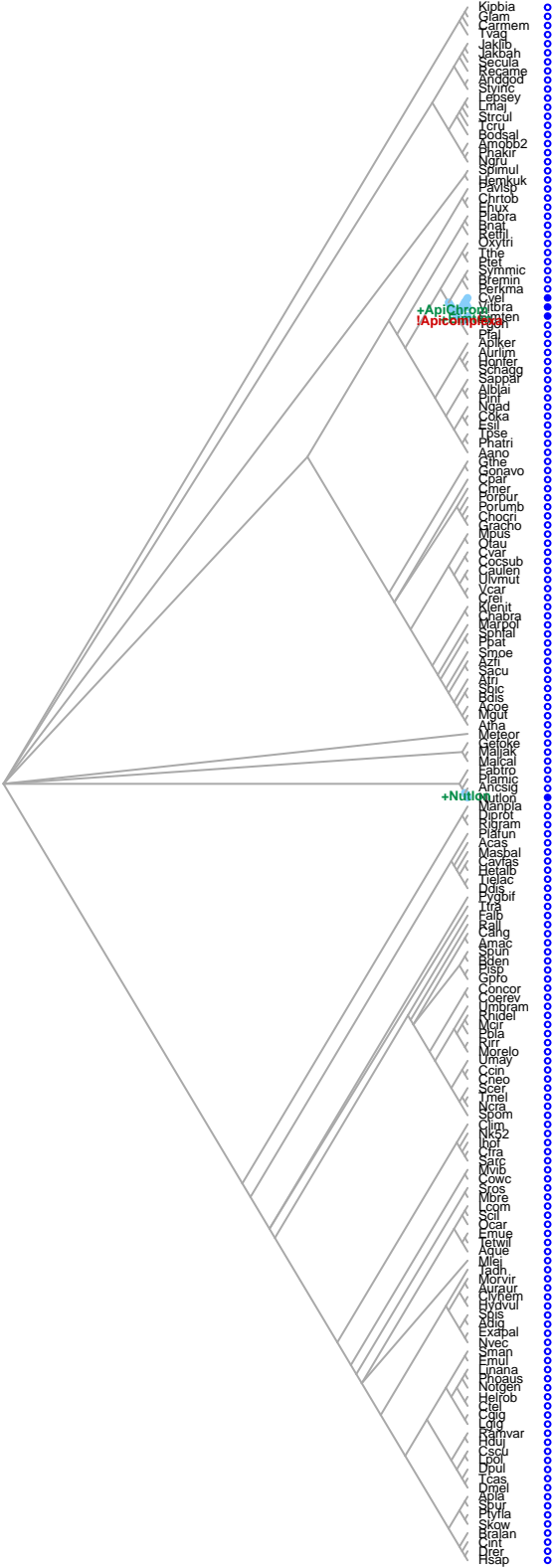
SNF2\_N.HG1.7  
like:HLTF/TTF2



absent absent | n=1

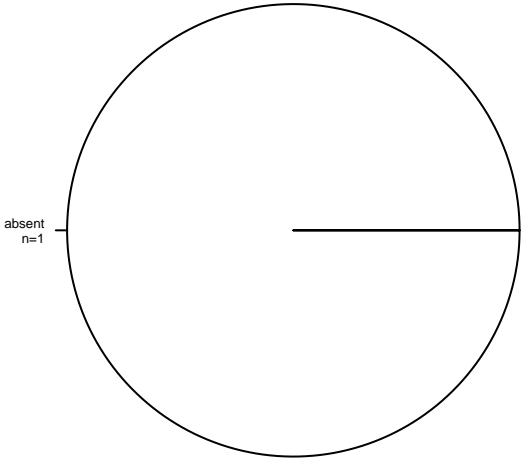
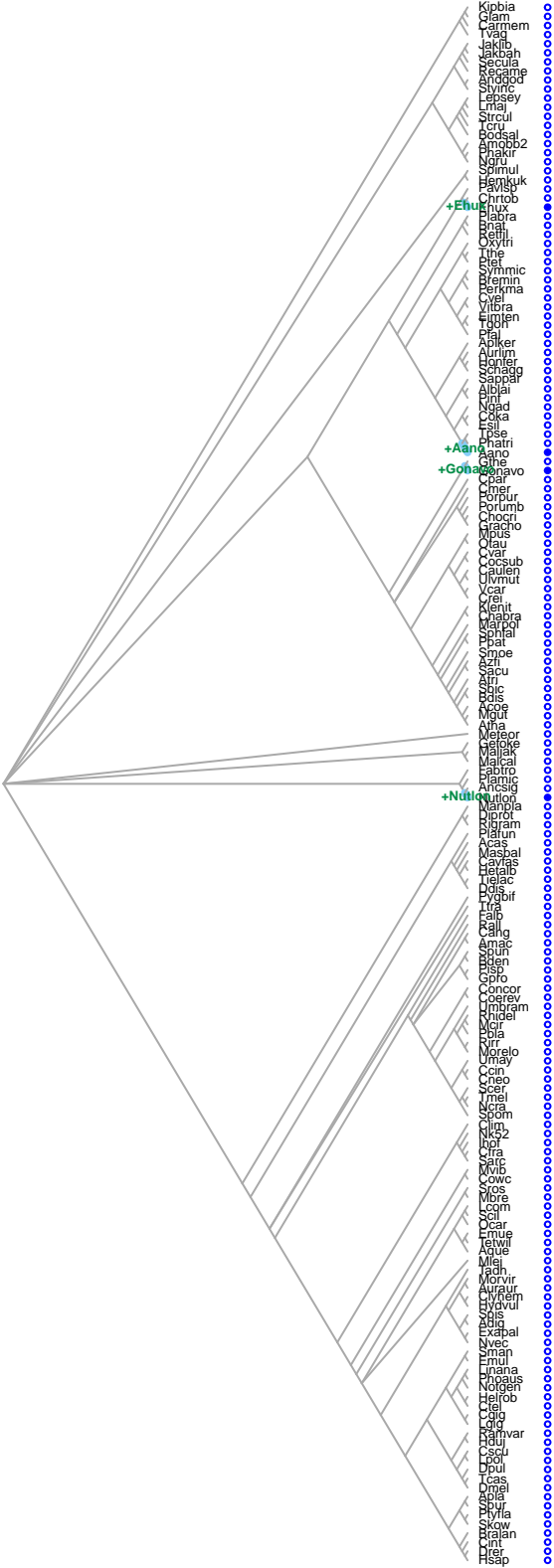


SNF2\_N.HG1.8  
like:HLTF/TTF2

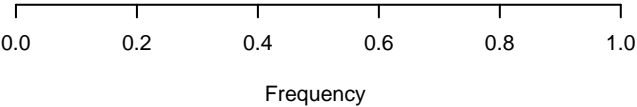


Gain: Nutlon,ApiChrom,Eimten,NA  
Presence Eukaryota prob = 0.01  
Present: 4  
Losses: NA

SNF2\_N.HG1.9  
like:HLTF/TTF2

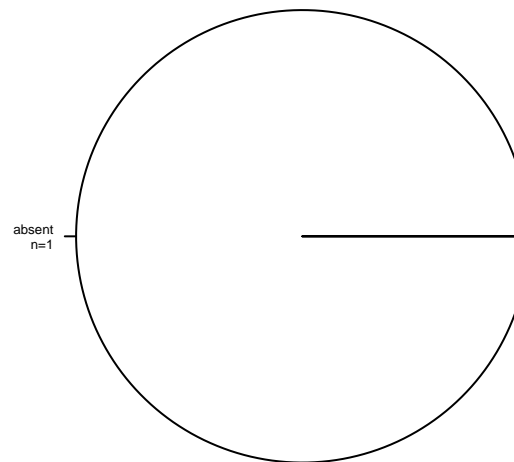
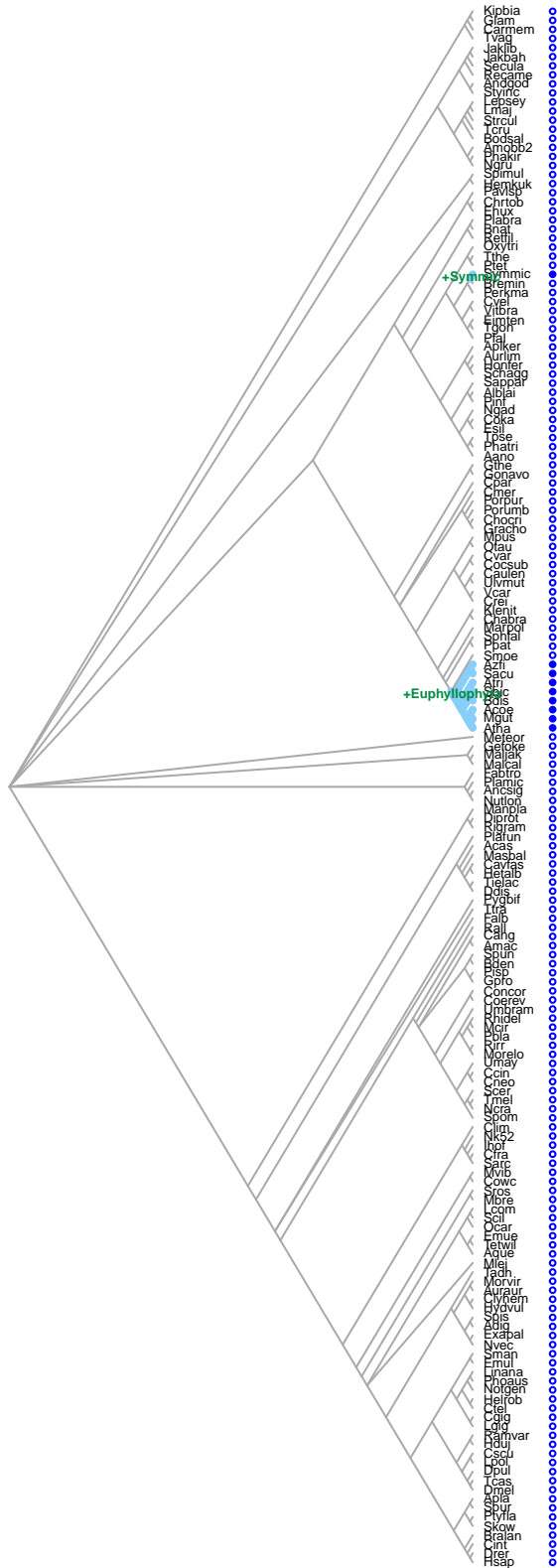


absent absent | n=1

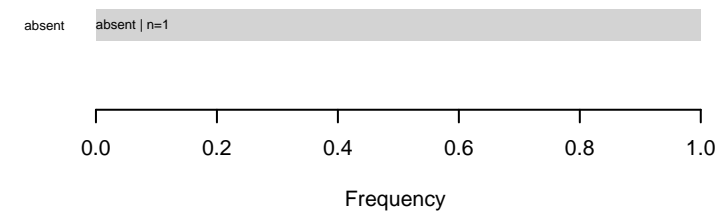


Gain: Nulon,Gonavo,Aano,Ehux,NA  
Presence Eukaryota prob = 0.13  
Present: 4  
Losses: NA

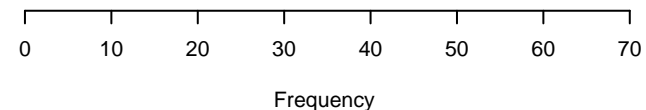
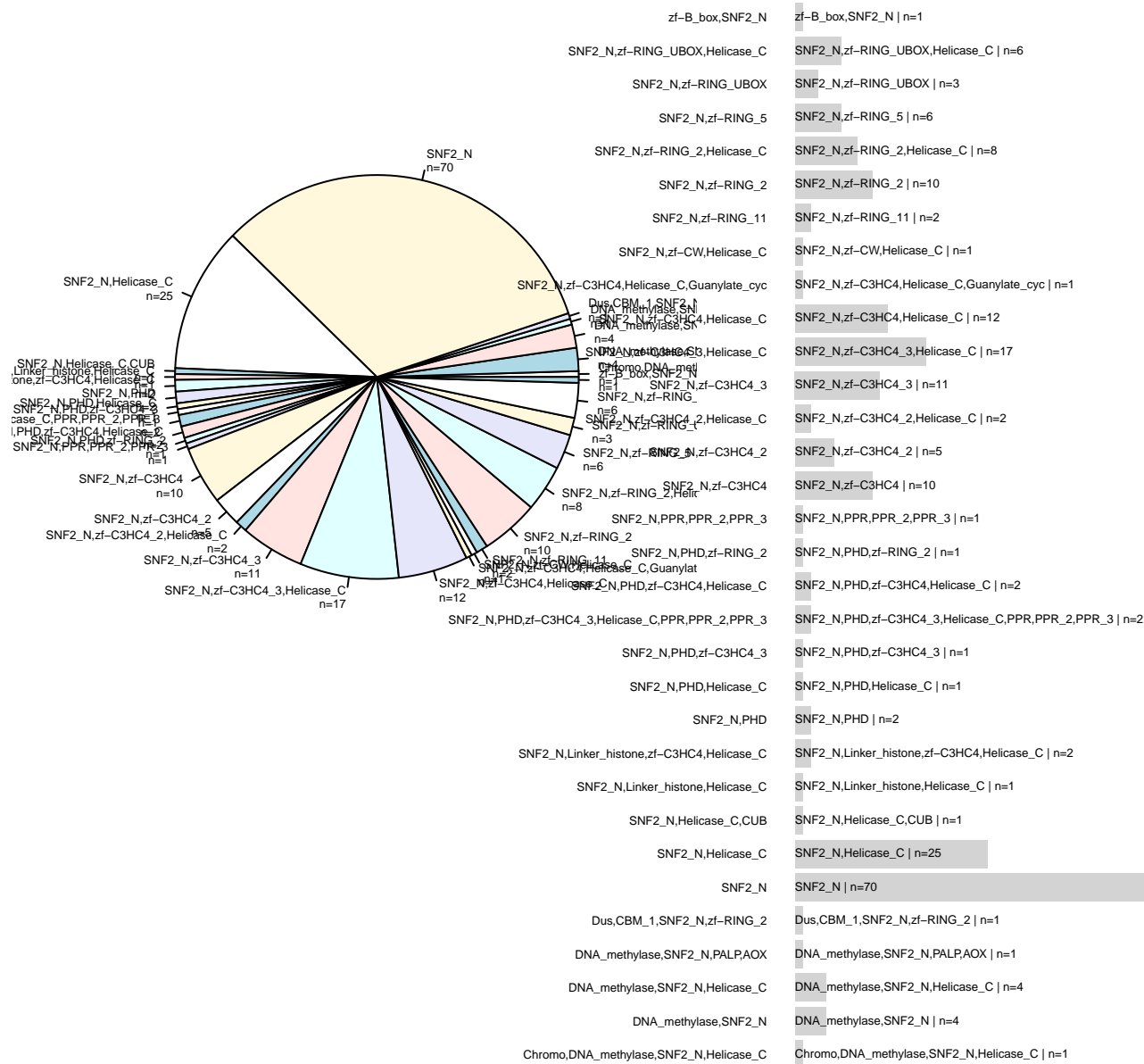
SNF2\_N.HG10.0  
like:SHPRH



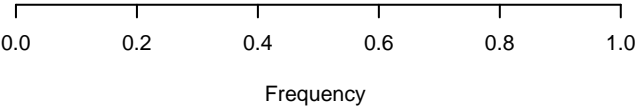
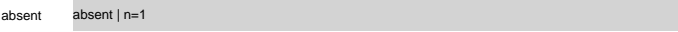
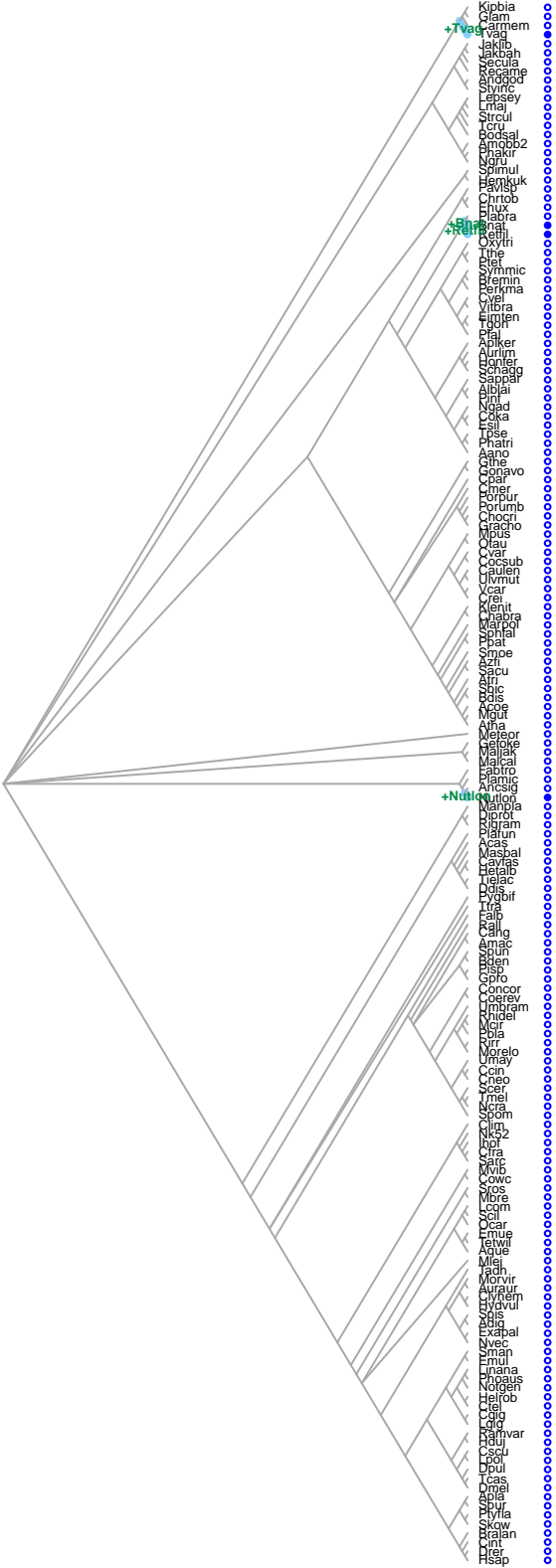
Gain: Euphyllrophyta,Symmlic,NA  
Presence Eukaryota prob = 0.00  
Present: 9  
Losses: NA



Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 125  
Losses: NA

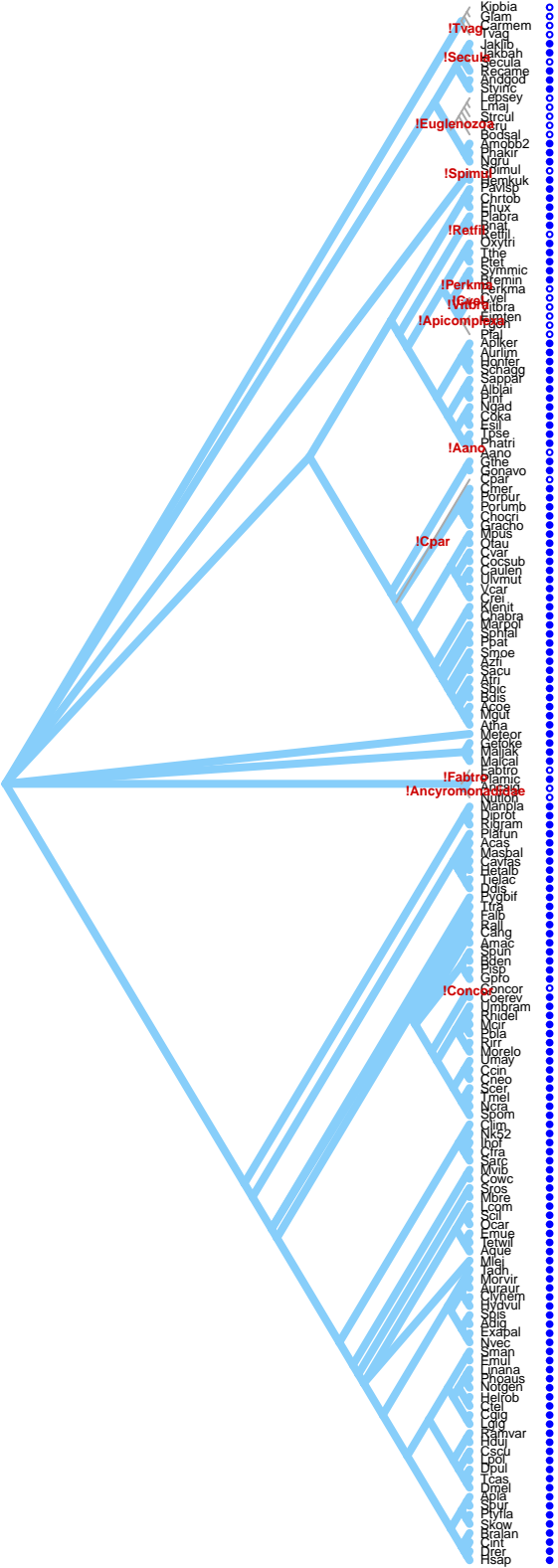




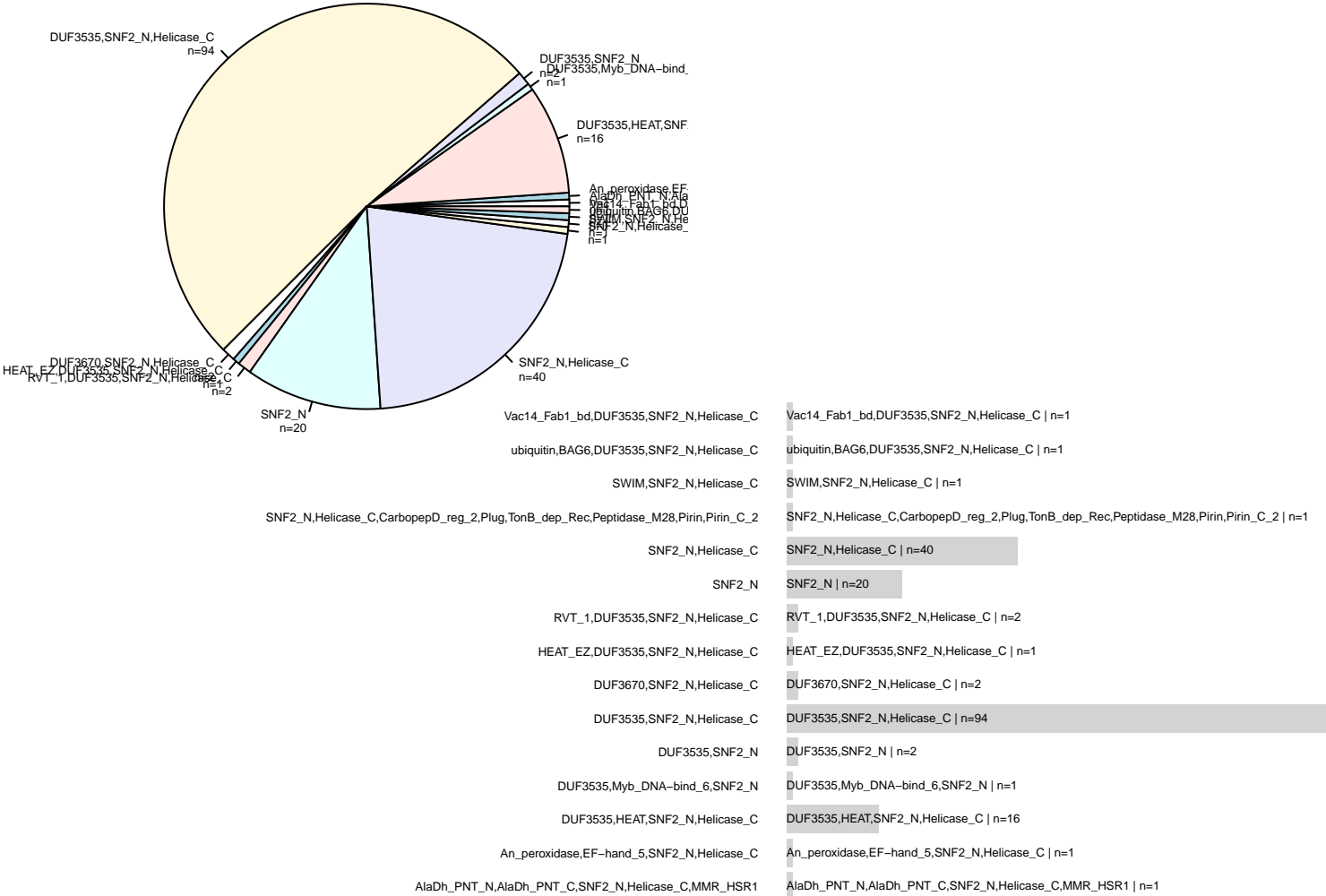


Gain: Nulton,Retfil,Bnat,Tvag,NA  
Presence Eukaryota prob = 0.01  
Present: 4  
Losses: NA

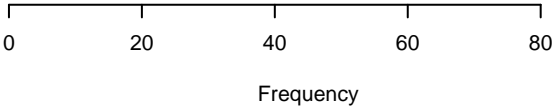
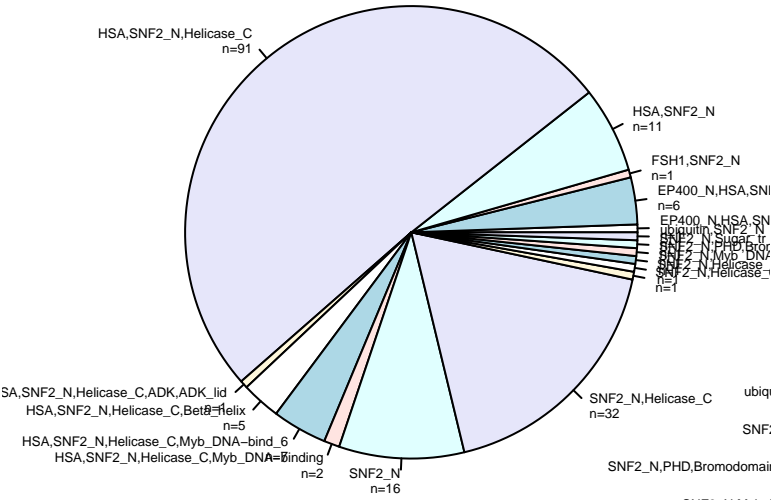
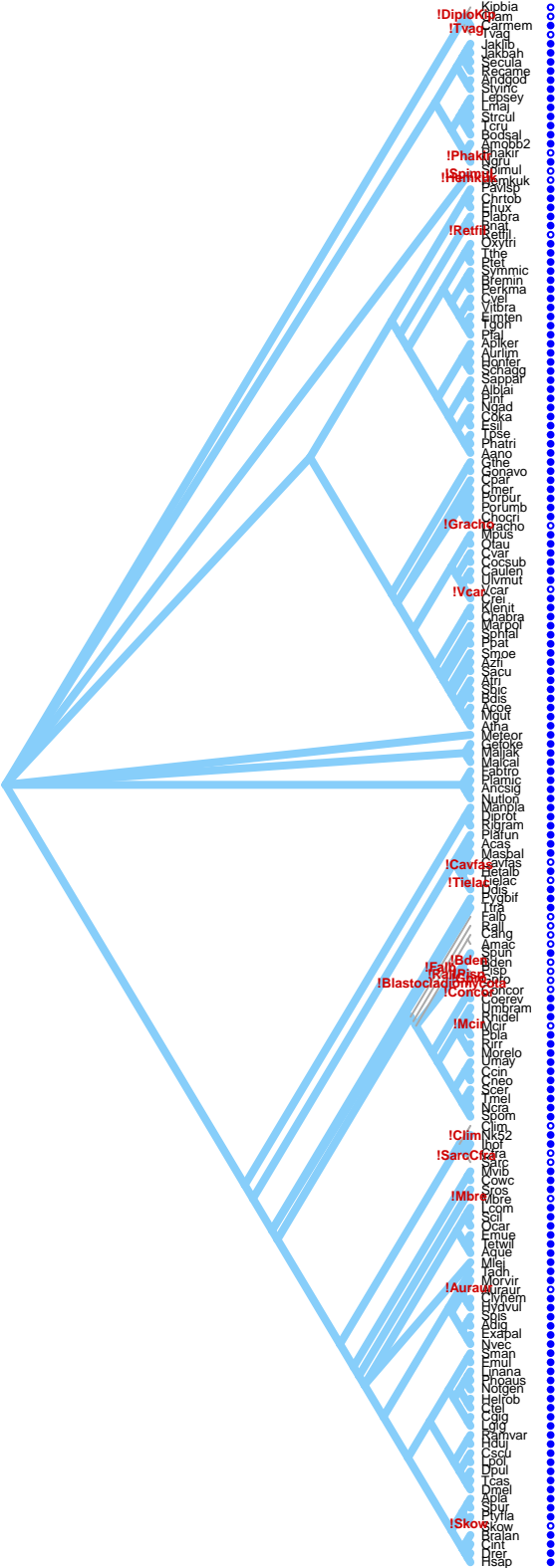
SNF2\_N.HG11.1  
BTAF1



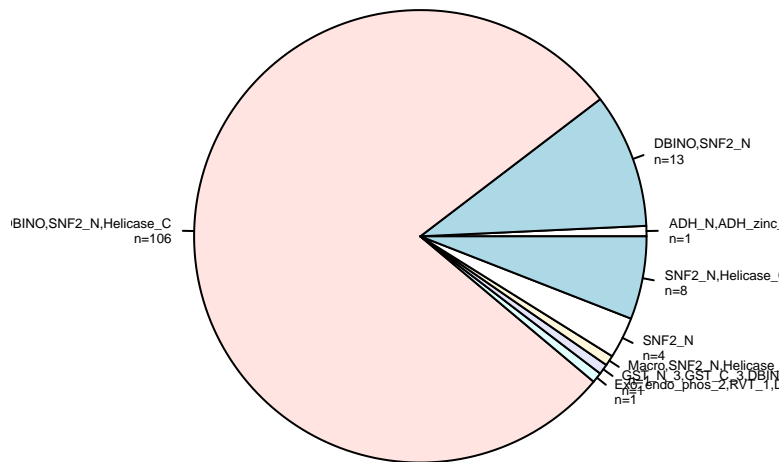
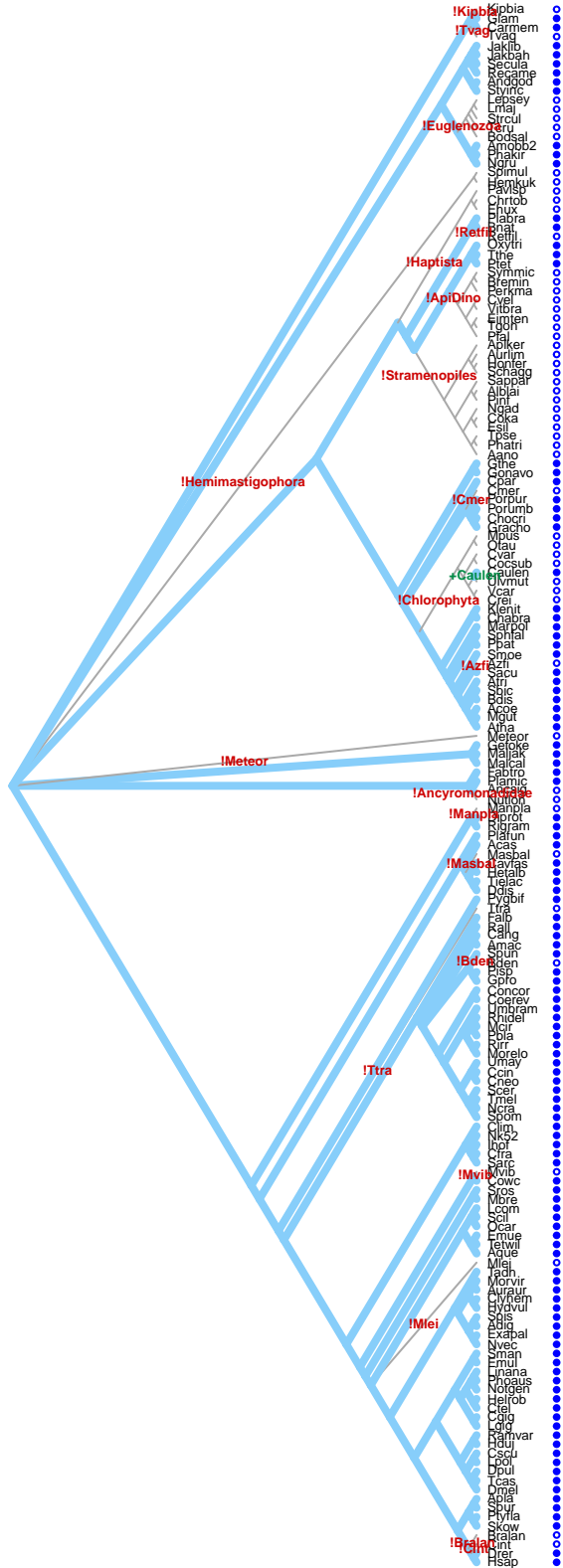
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 148  
Losses: NA



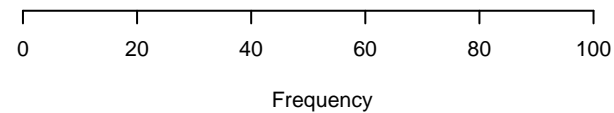
0 20 40 60 80  
Frequency



SNF2\_N.HG13.0  
INO80

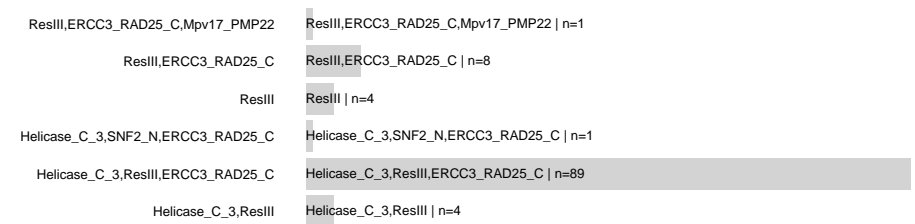
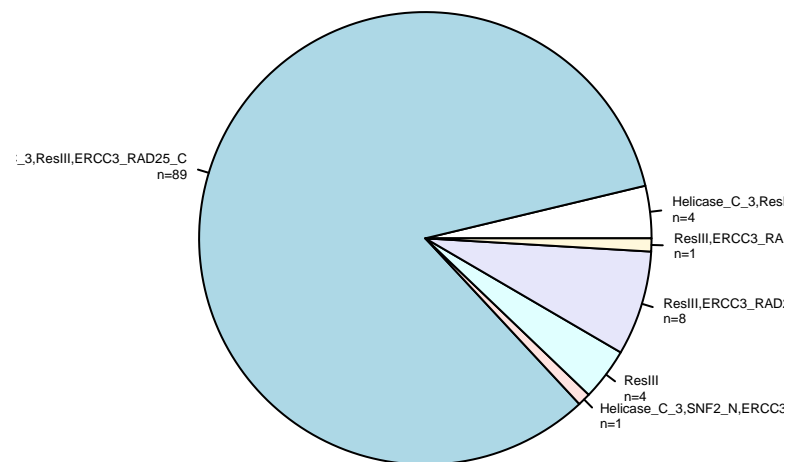
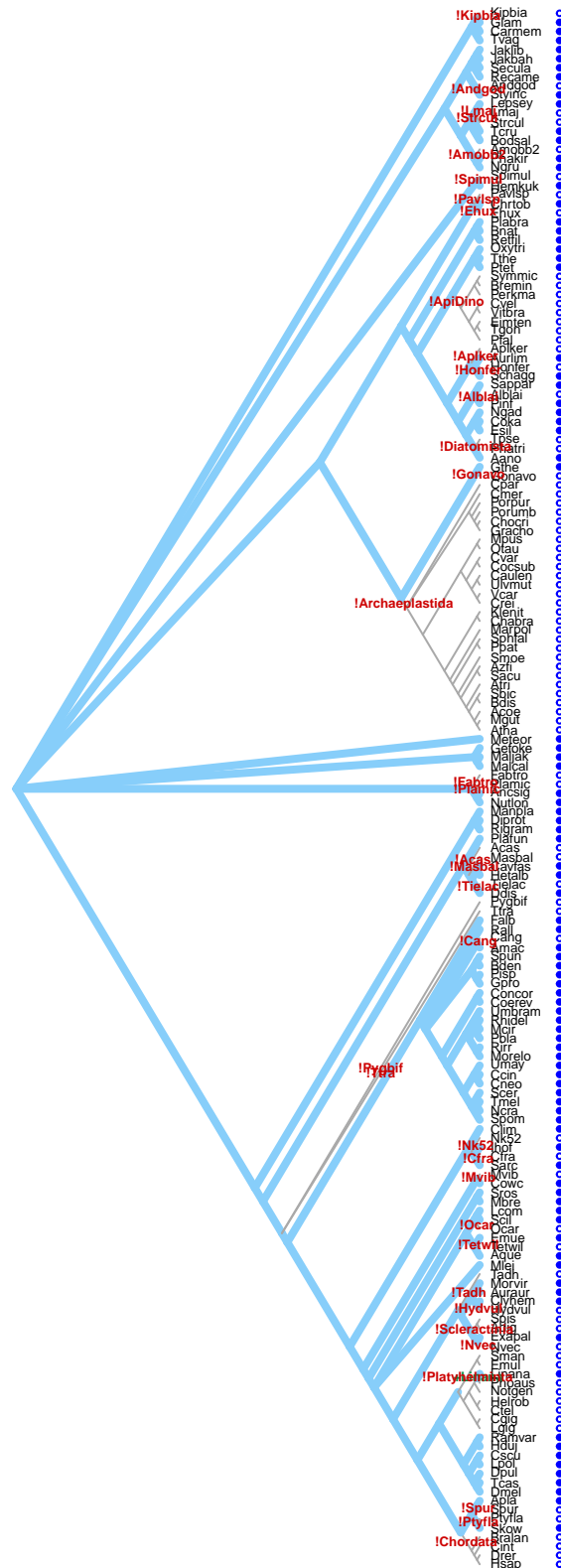


SNF2_N,Helicase_C	SNF2_N,Helicase_C   n=8
SNF2_N	SNF2_N   n=4
Macro,SNF2_N,Helicase_C	Macro,SNF2_N,Helicase_C   n=1
GST_N_3,GST_C_3,DBINO,SNF2_N,Helicase_C	GST_N_3,GST_C_3,DBINO,SNF2_N,Helicase_C   n=1
Exo_endo_phos_2,RVT_1,DBINO,SNF2_N,Helicase_C	Exo_endo_phos_2,RVT_1,DBINO,SNF2_N,Helicase_C   n=1
DBINO,SNF2_N,Helicase_C	DBINO,SNF2_N,Helicase_C   n=106
DBINO,SNF2_N	DBINO,SNF2_N   n=13
ADH_N,ADH_zinc_N,DBINO,SNF2_N,Helicase_C	ADH_N,ADH_zinc_N,DBINO,SNF2_N,Helicase_C   n=1

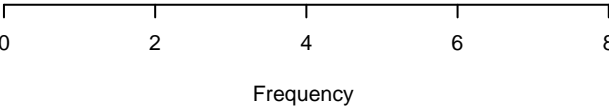
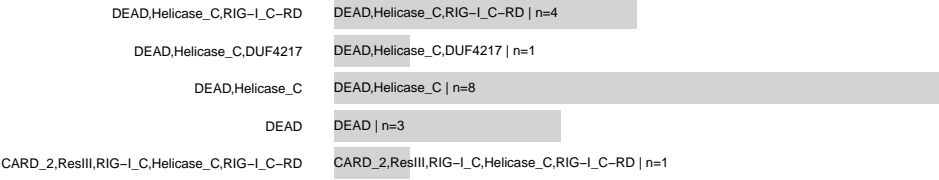
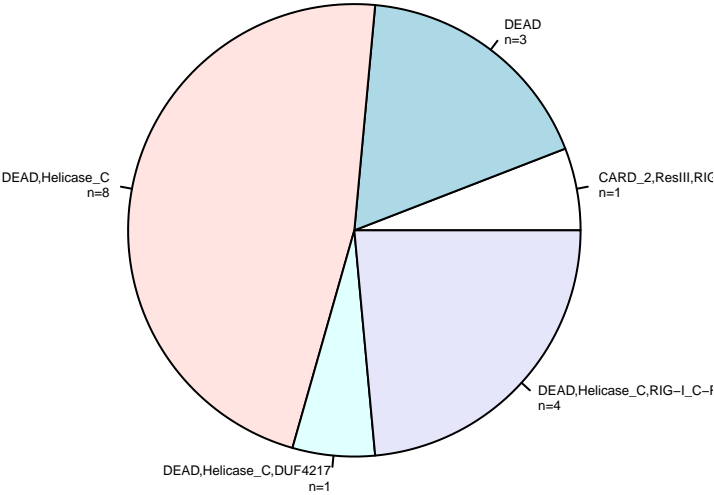
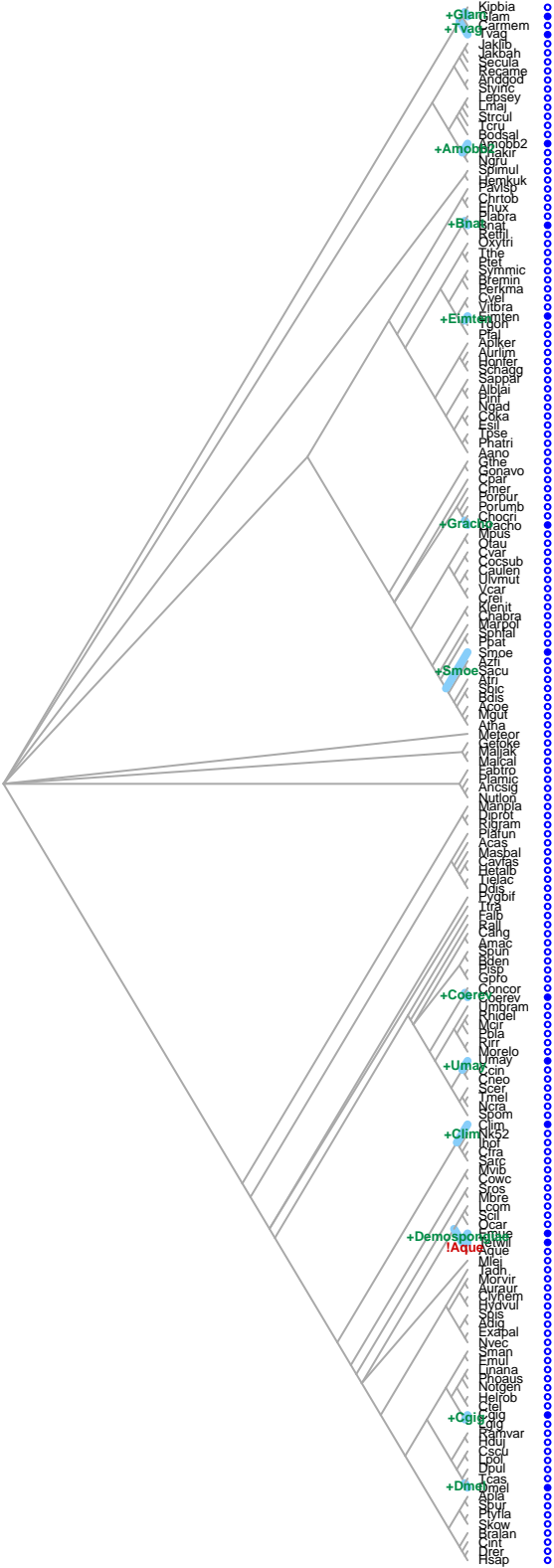


Gain: Caulen,NA  
Presence Eukaryota prob = 1.00  
Present: 118  
Losses: NA

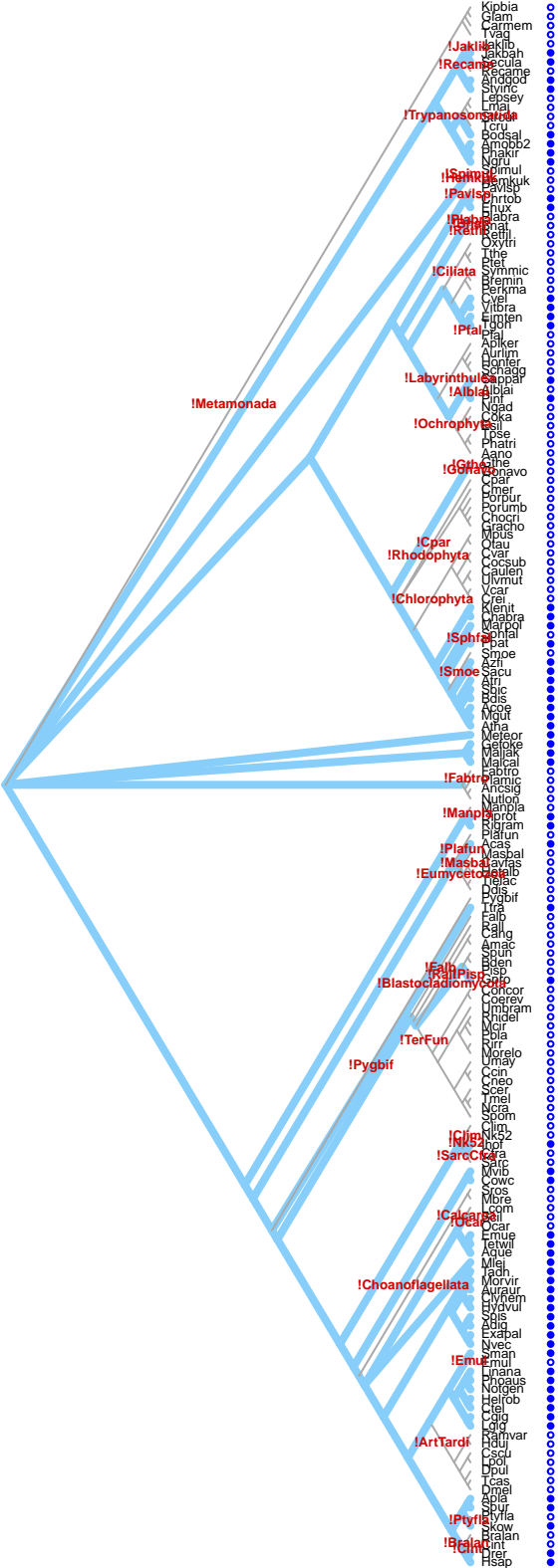
SNF2\_N.HG14.0  
NA



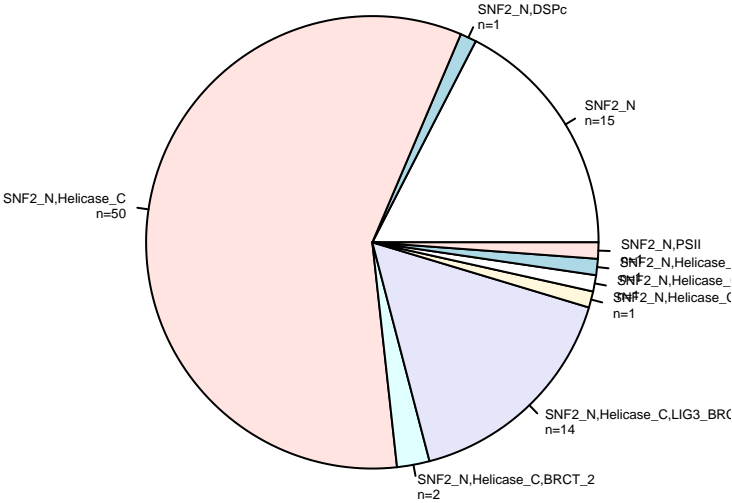
Gain: Linana,NA  
Presence Eukaryota prob = 1.00  
Present: 90  
Losses: NA



SNF2\_N.HG2.0  
CHD1L



Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 66  
Losses: NA

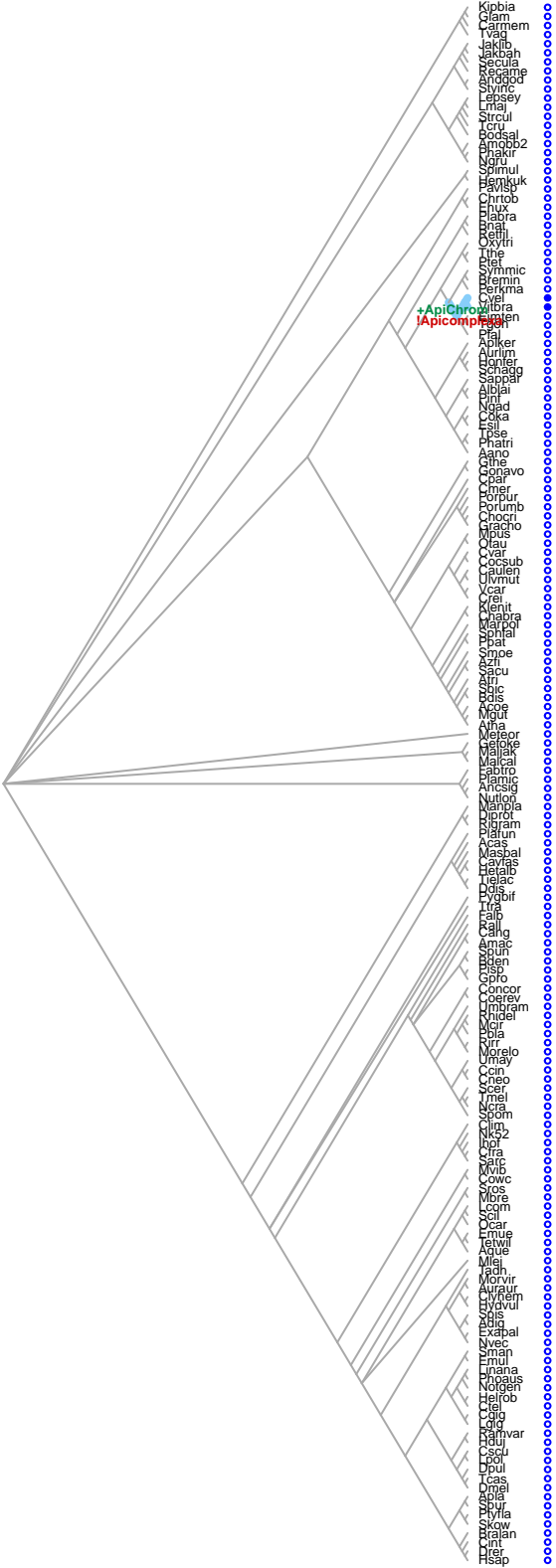


SNF2\_N,PSII | n=1  
SNF2\_N,Helicase\_C,PRKCSH | n=1  
SNF2\_N,Helicase\_C,PKD | n=1  
SNF2\_N,Helicase\_C,Macro | n=1  
SNF2\_N,Helicase\_C,LIG3\_BRCT | n=14  
SNF2\_N,Helicase\_C,BRCT\_2 | n=2  
SNF2\_N,Helicase\_C | n=50  
SNF2\_N,DSPc | n=1  
SNF2\_N | n=15

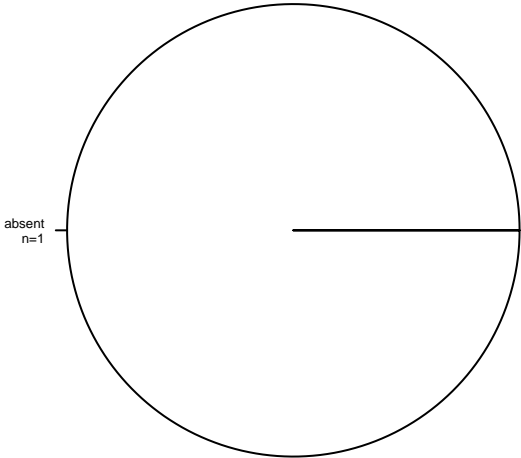
Frequency

0 10 20 30 40 50

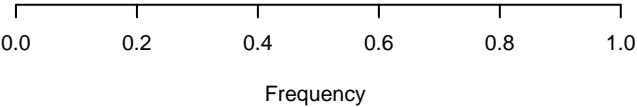
SNF2\_N.HG2.1  
like:SMARCAD1



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

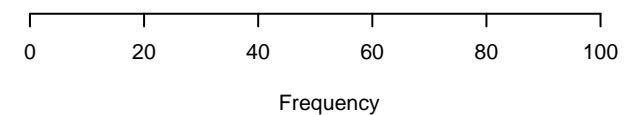
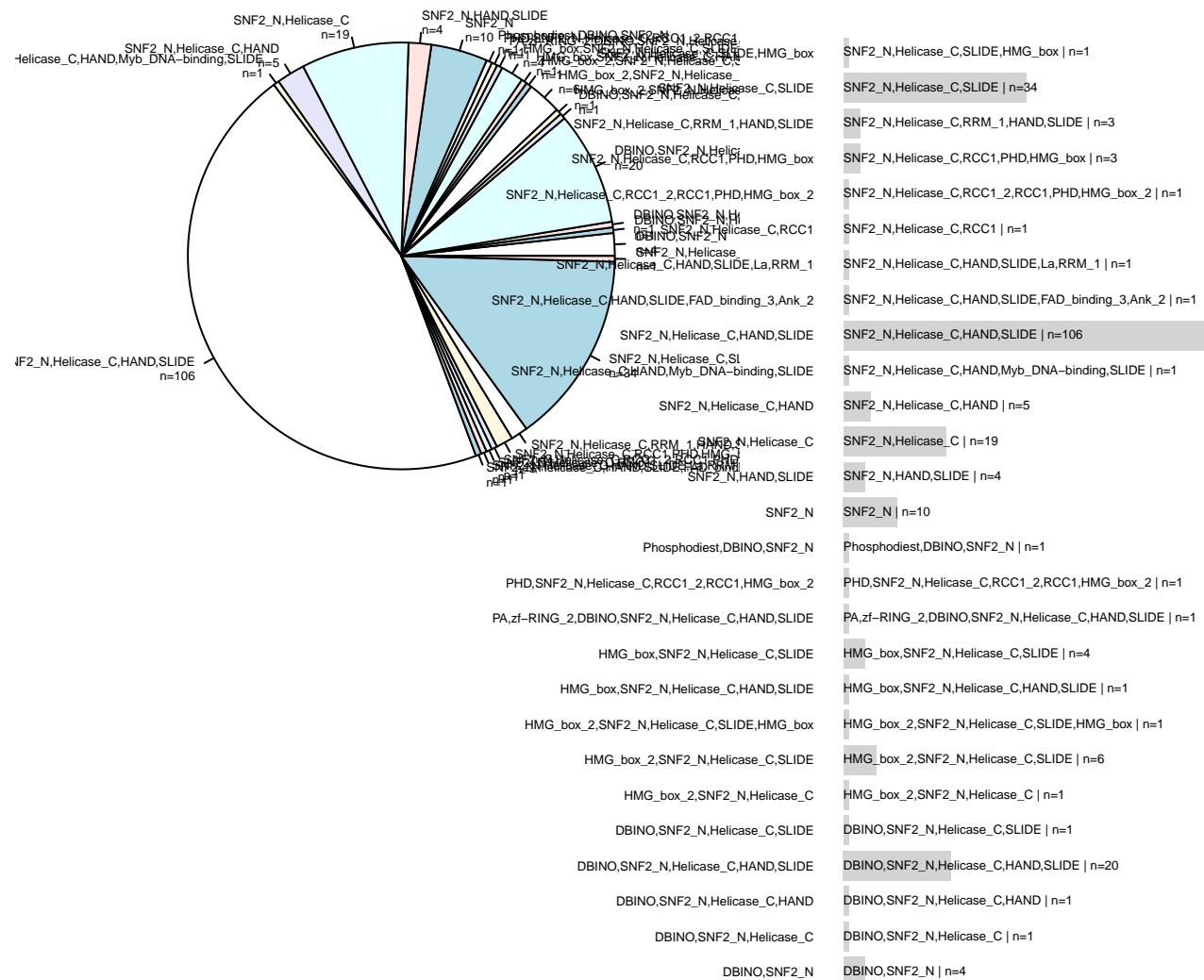


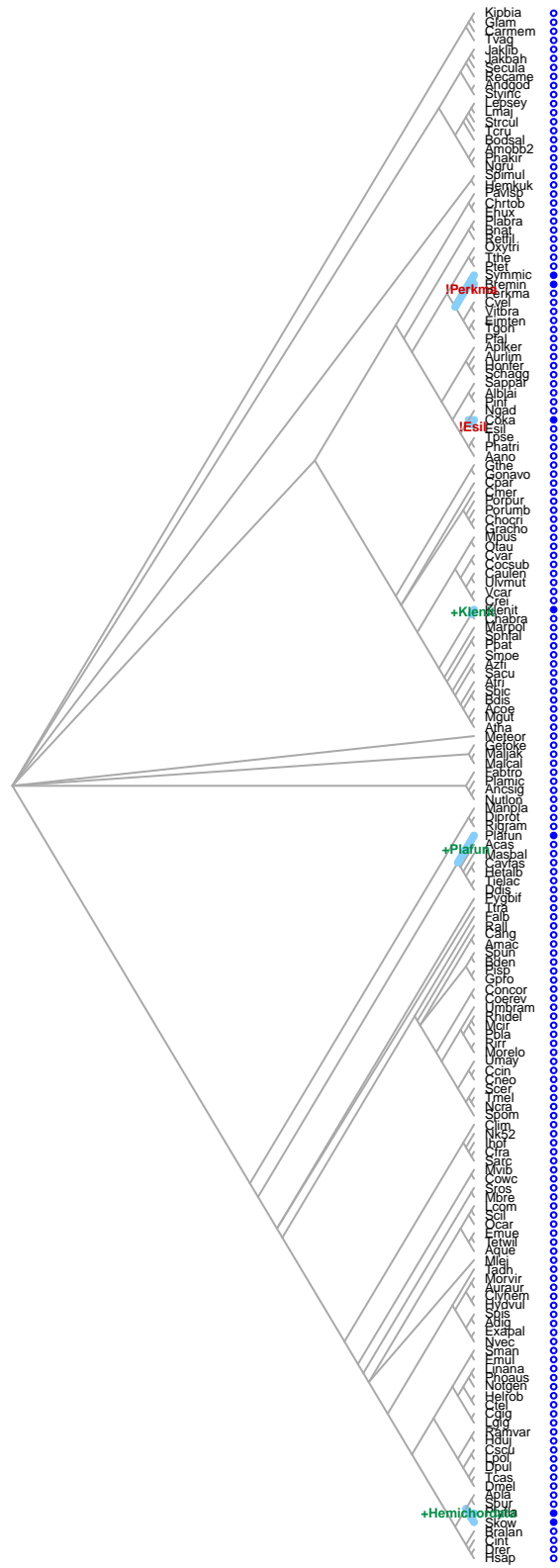
absent absent | n=1





Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 161  
Losses: NA





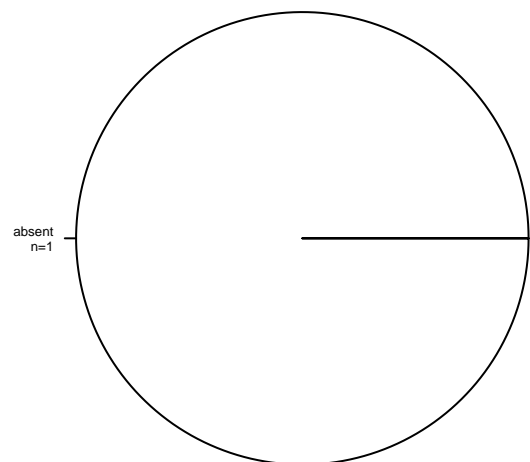
+Perkna

+Esi

+Klenit

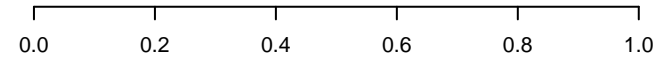
+Plafun

+Hemichorda



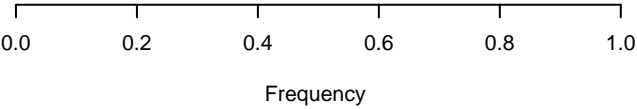
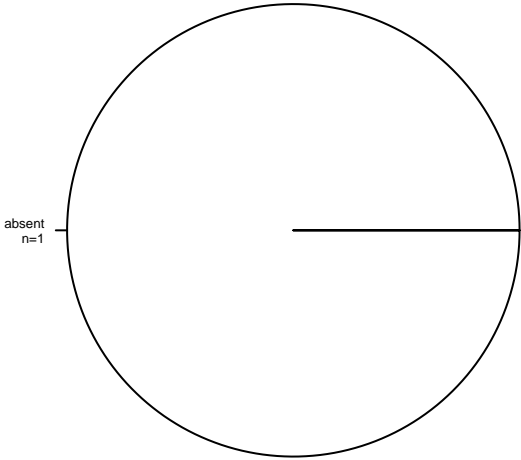
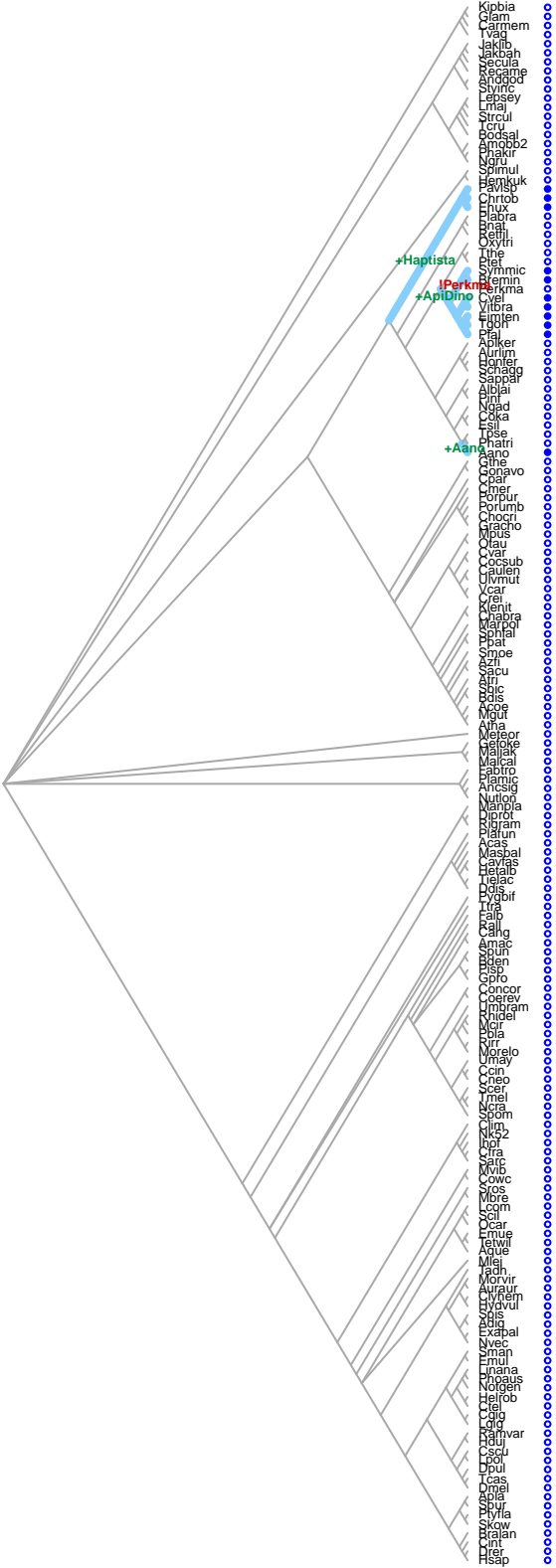
absent

absent | n=1



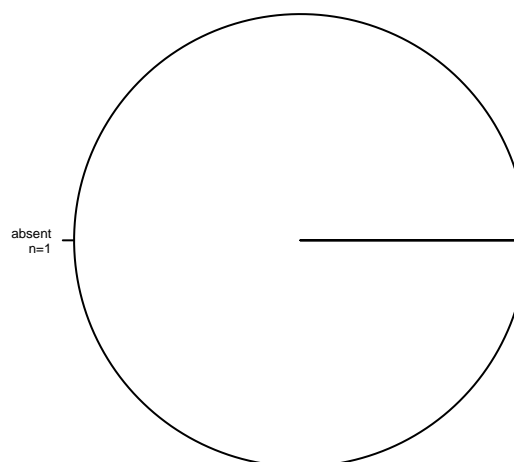
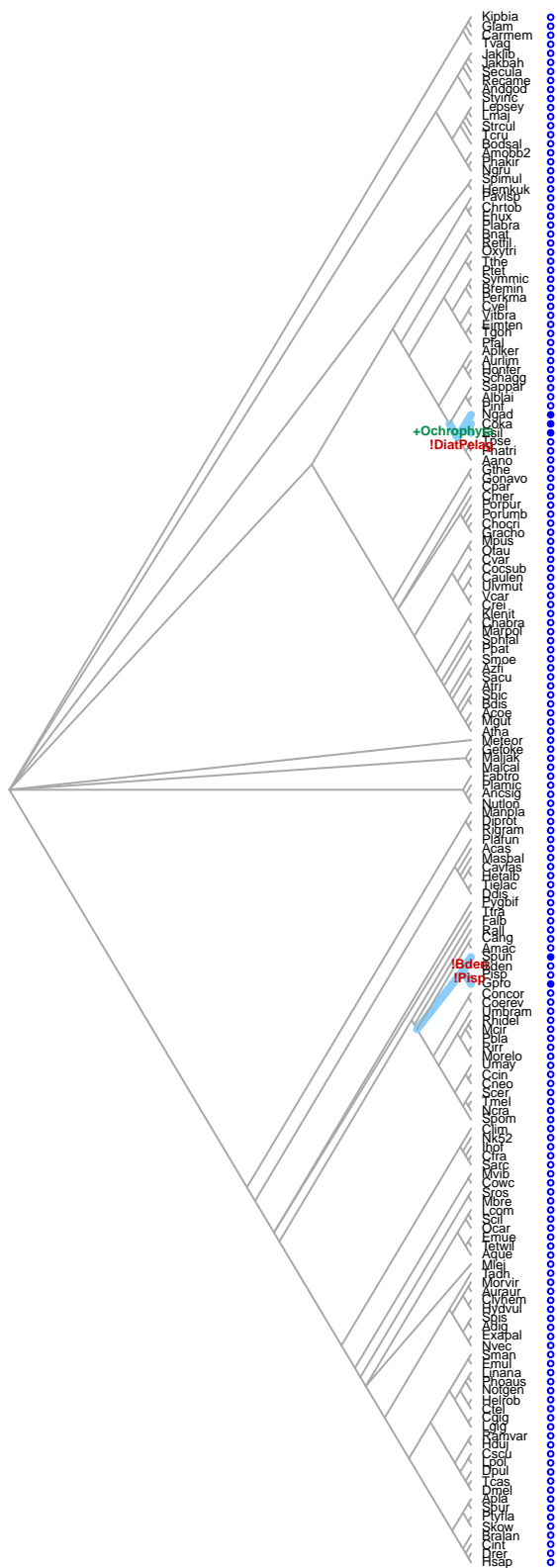
Frequency

Gain: Hemichordata,Plafun,Klenit,NA  
Presence Eukaryota prob = 0.23  
Present: 7  
Losses: NA

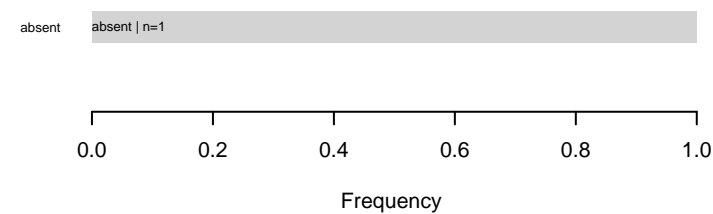


Gain: Aano, ApiDino, Haptista, NA  
Presence Eukaryota prob = 0.00  
Present: 11  
Losses: NA

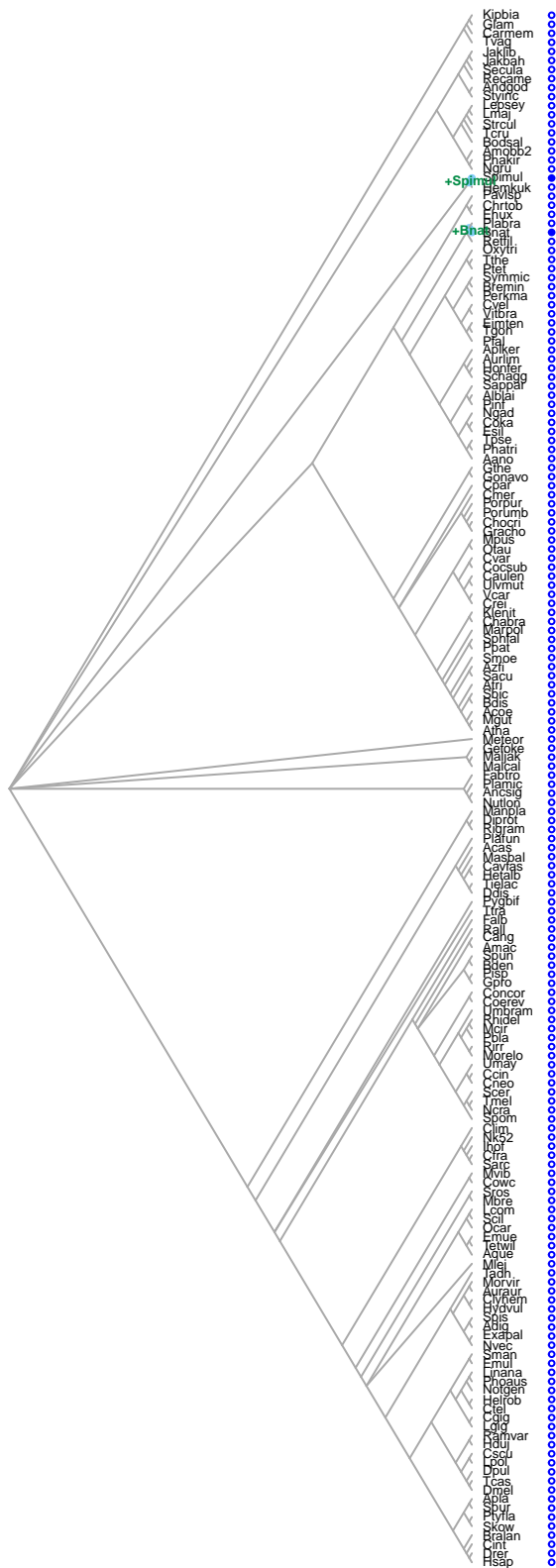
SNF2\_N.HG2.13  
like:SMARCA1/SMARCA5



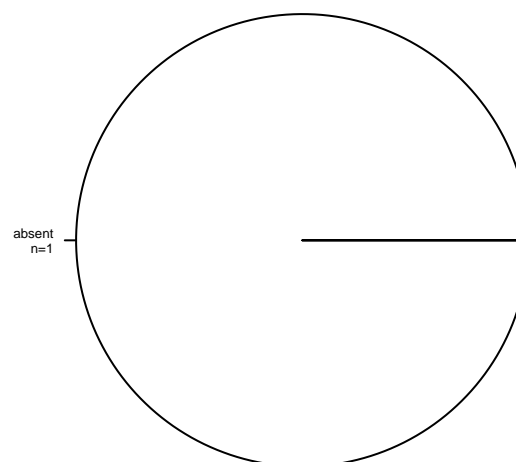
Gain: Ochrophyta,NA  
Presence Eukaryota prob = 0.17  
Present: 5  
Losses: NA



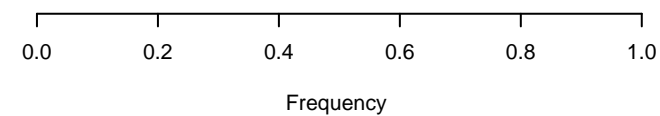
SNF2\_N.HG2.14  
like:SMARCA1/SMARCA5

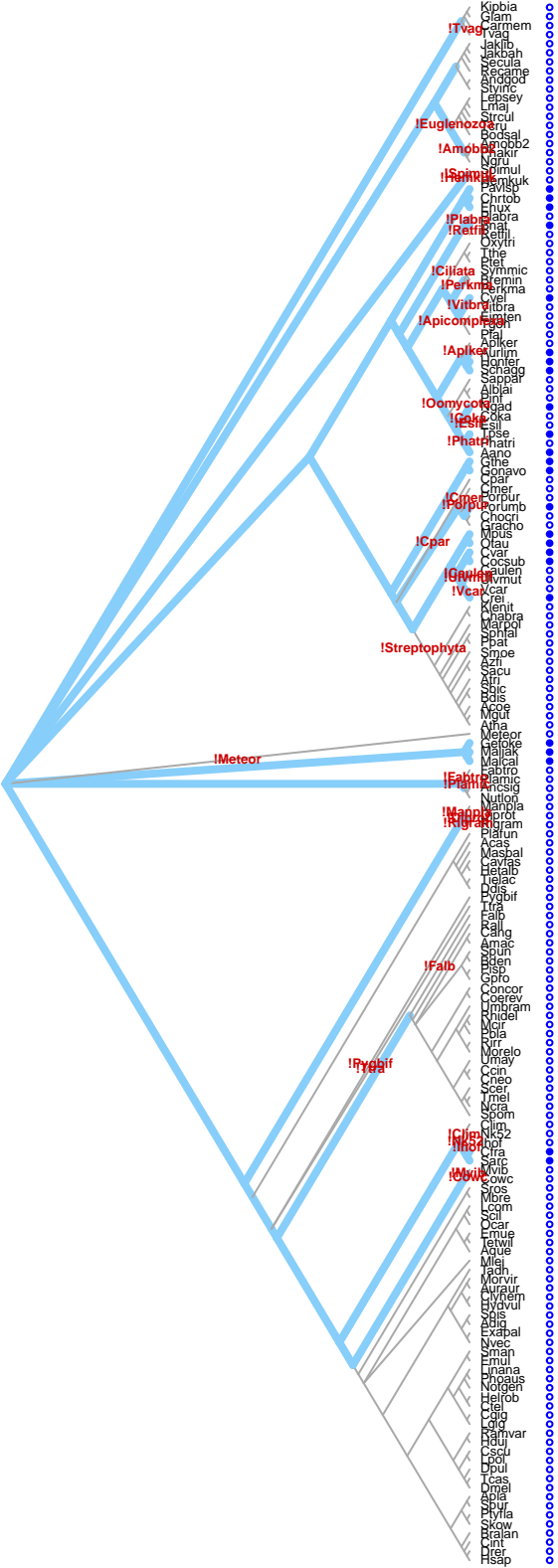


Gain: Bnat,Spimul,NA  
Presence Eukaryota prob = 0.01  
Present: 2  
Losses: NA

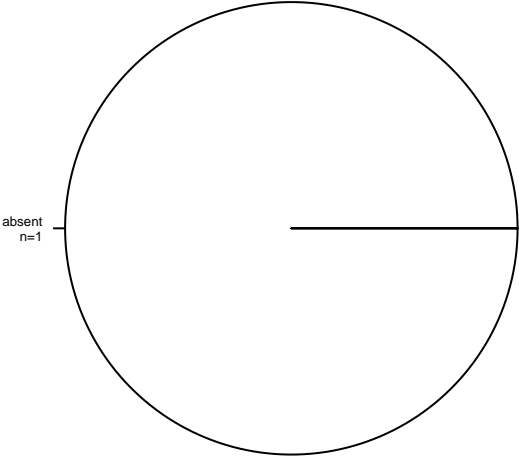


absent absent | n=1

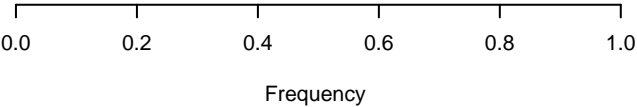




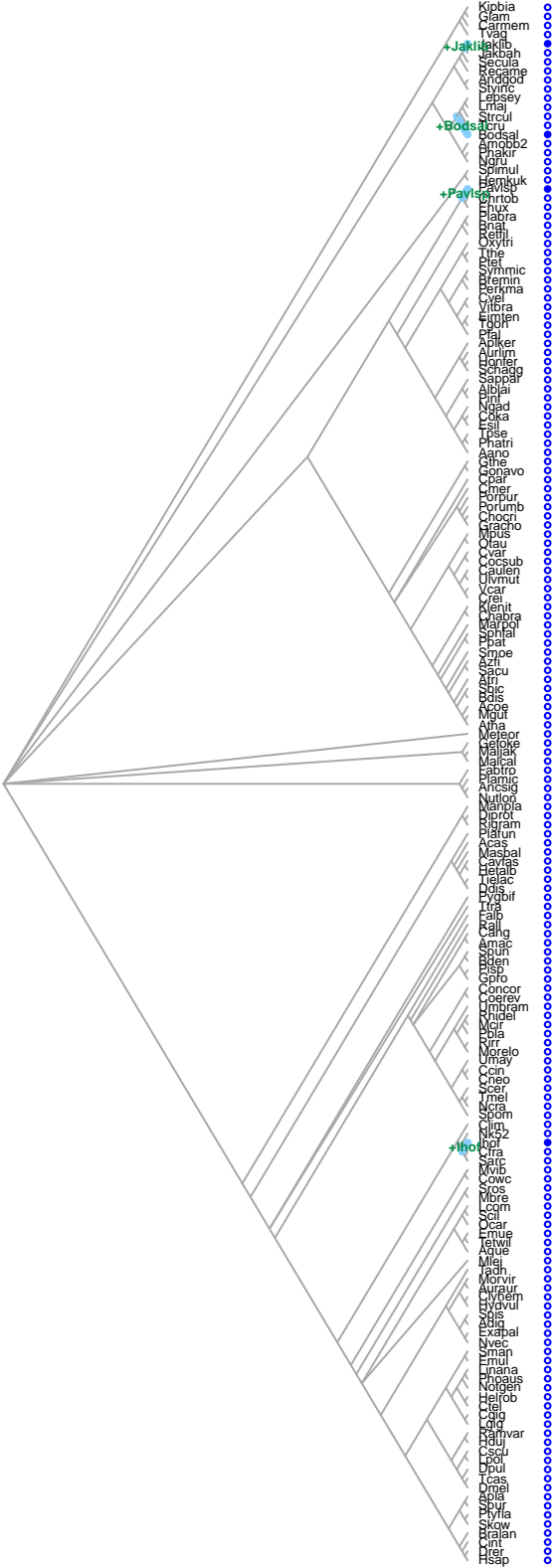
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 24  
Losses: NA



absent absent | n=1



SNF2\_N.HG2.2  
like:HELLS



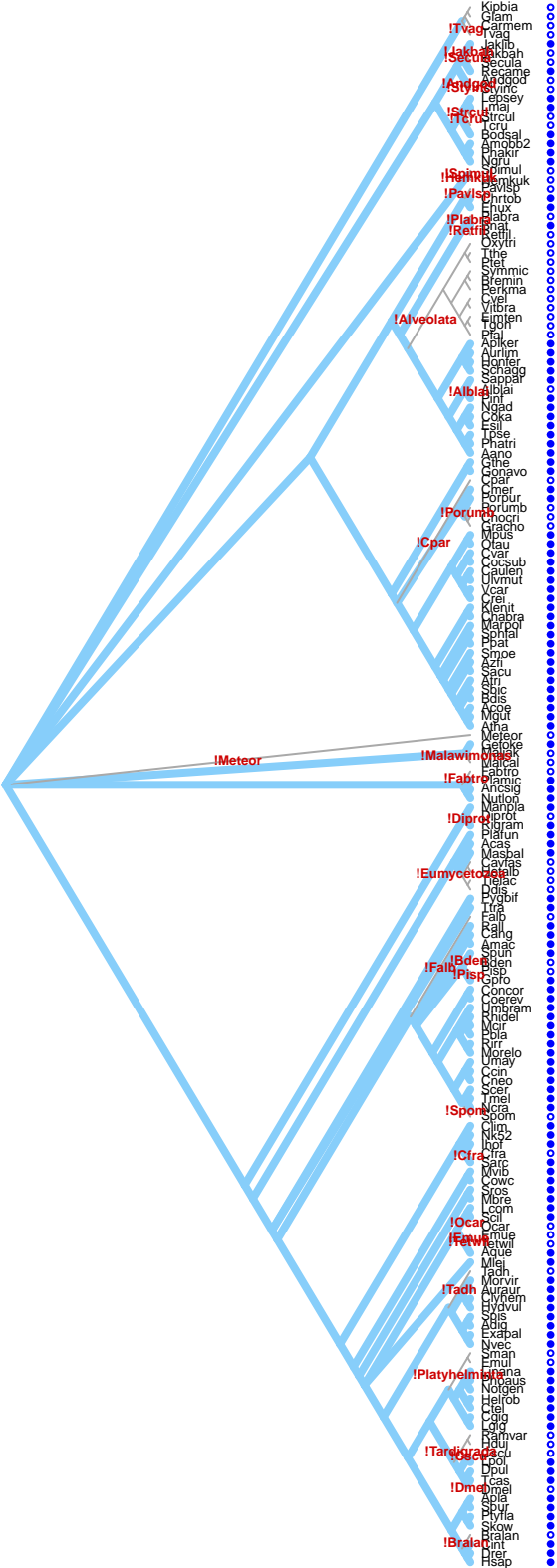
absent absent | n=1

0.0 0.2 0.4 0.6 0.8 1.0

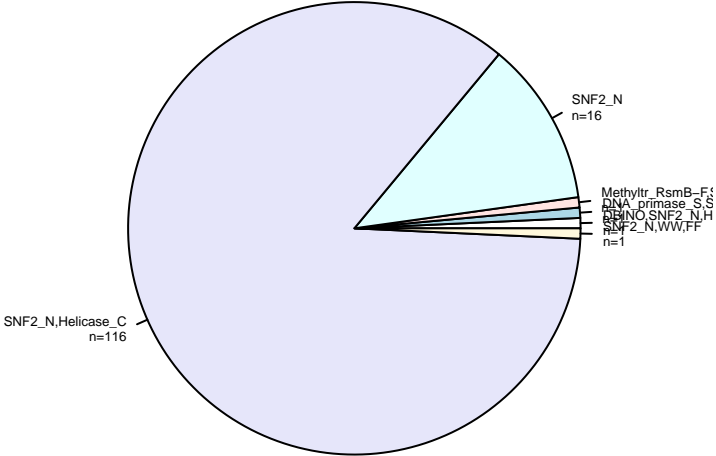
Frequency

Gain: Ihof,Pavisp,Bodsal,Jaklib,NA  
Presence Eukaryota prob = 0.00  
Present: 4  
Losses: NA

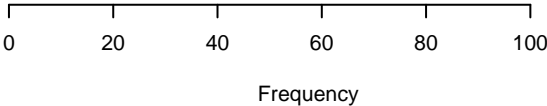
SNF2\_N.HG2.3  
HELLS



Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 116  
Losses: NA

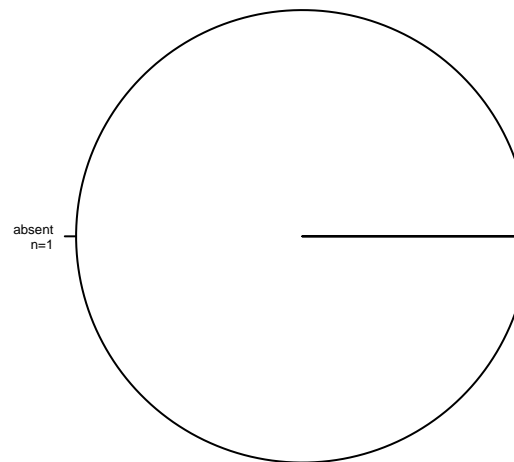
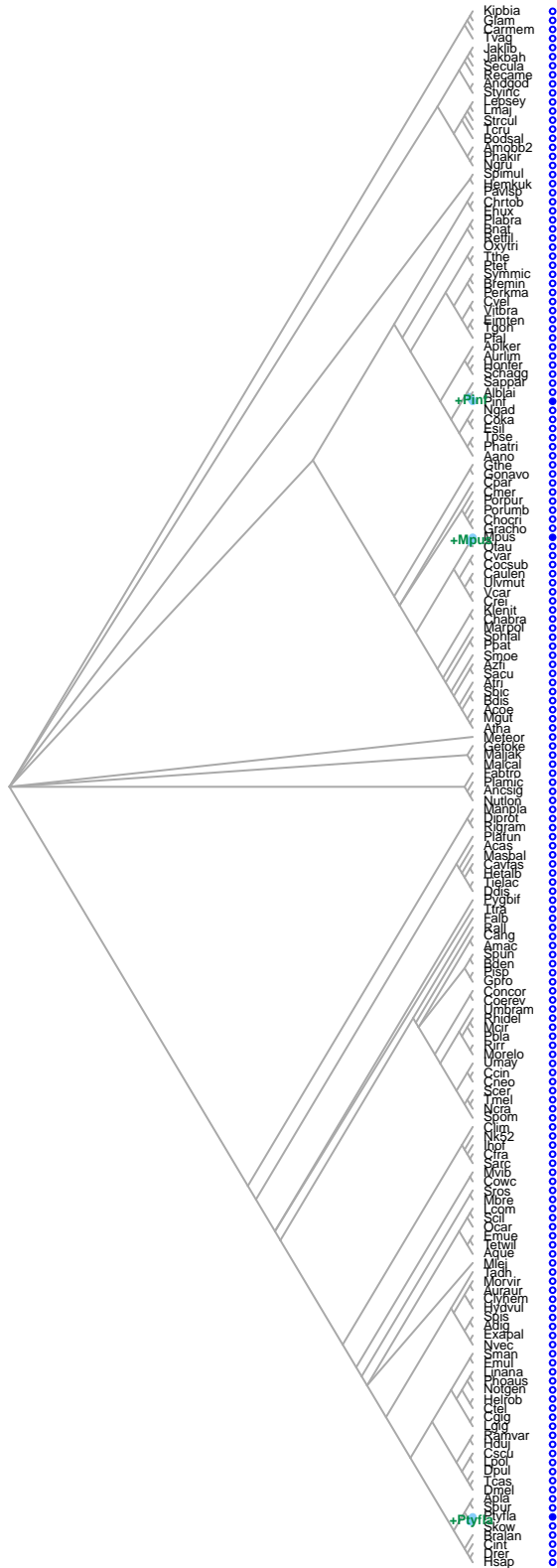


SNF2_N,WW,FF	SNF2_N,WW,FF   n=1
SNF2_N,Helicase_C	SNF2_N,Helicase_C   n=116
SNF2_N	SNF2_N   n=16
Methyltr_RsmB-F,SNF2_N,Helicase_C	Methyltr_RsmB-F,SNF2_N,Helicase_C   n=1
DNA_primase_S,SNF2_N,Helicase_C,DnaJ	DNA_primase_S,SNF2_N,Helicase_C,DnaJ   n=1
DBINO,SNF2_N,Helicase_C	DBINO,SNF2_N,Helicase_C   n=1

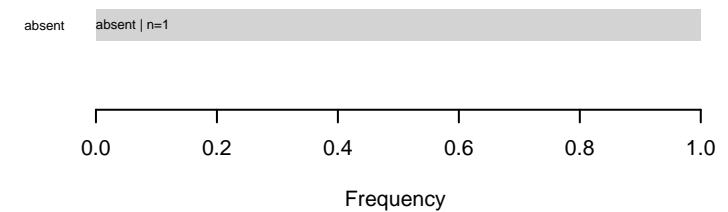




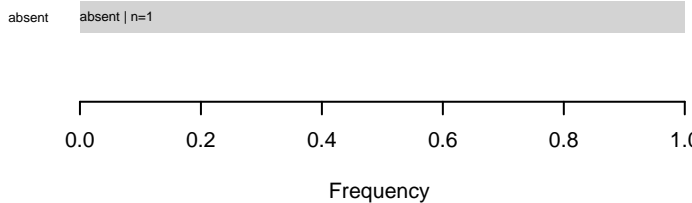
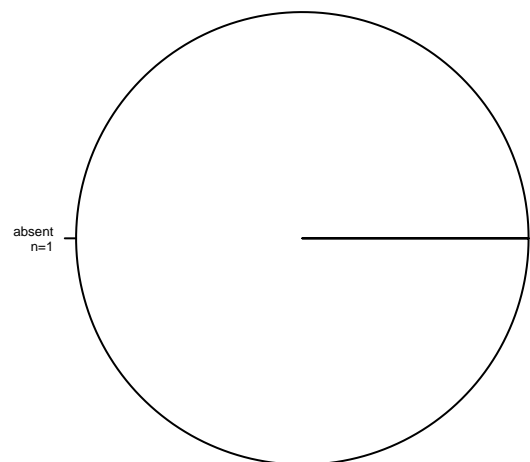
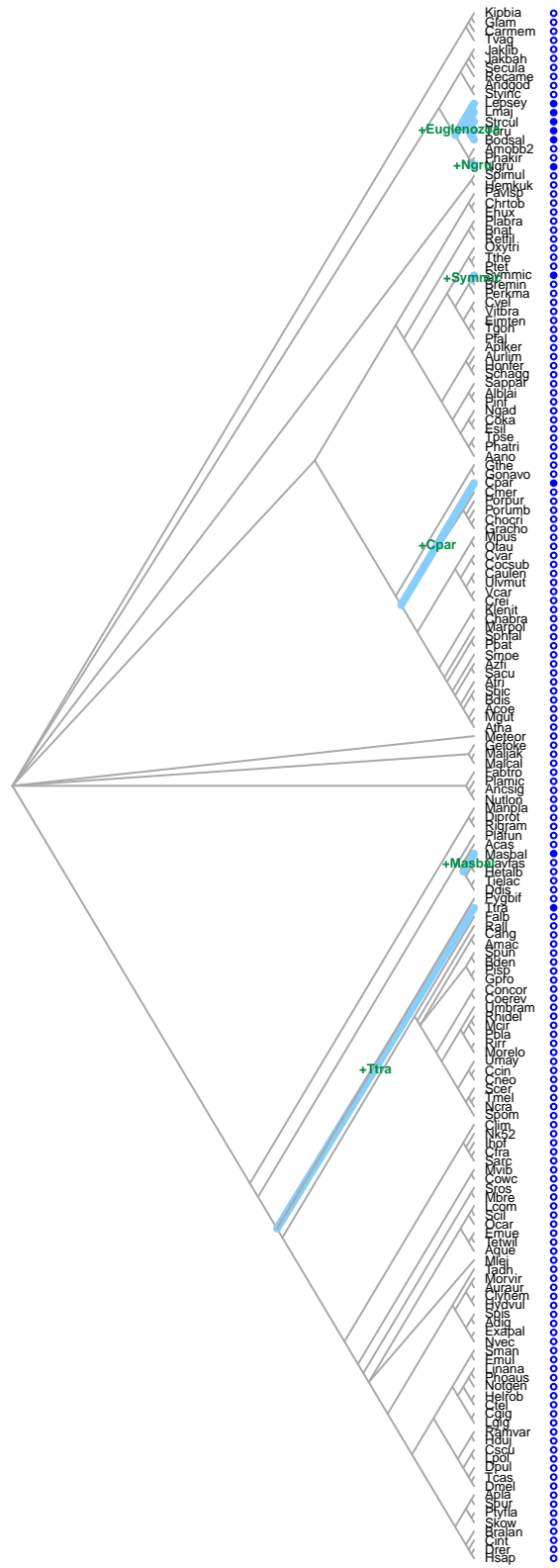
SNF2\_N.HG2.4  
like:HELLS/SMARCA1/SMARCA5



Gain: Ptyfla,Mpus,Pinf,NA  
Presence Eukaryota prob = 0.00  
Present: 3  
Losses: NA

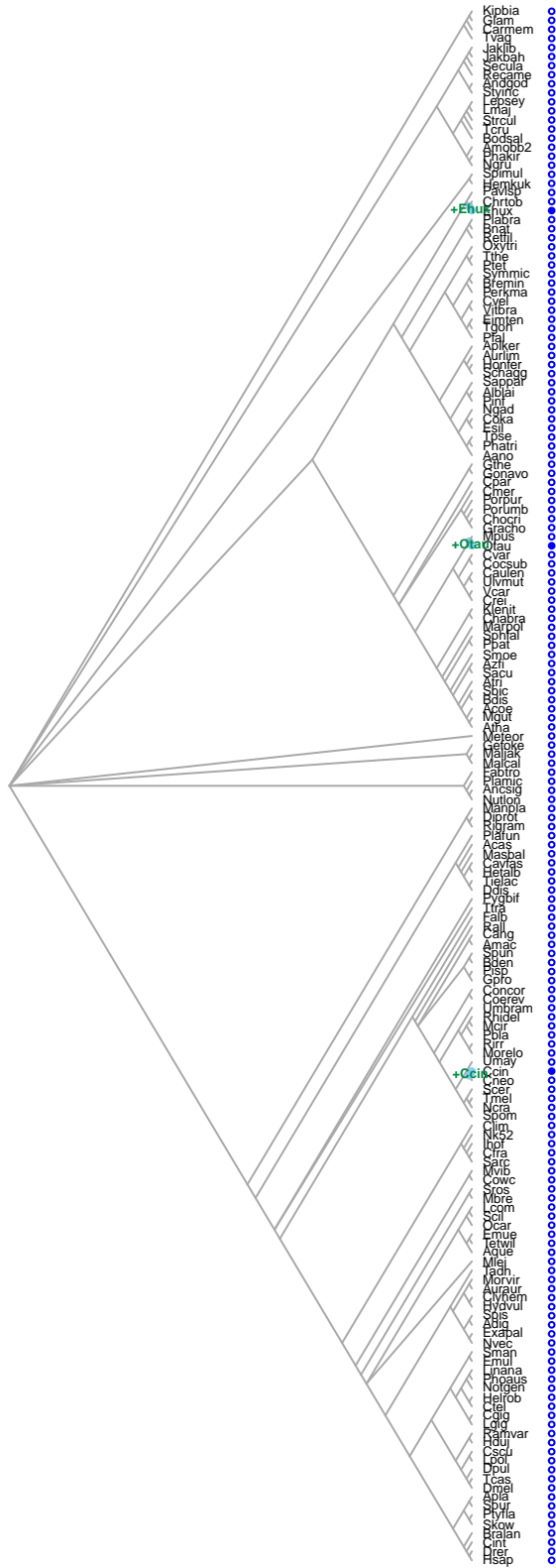


SNF2\_N.HG2.5  
like:SMARCAD1

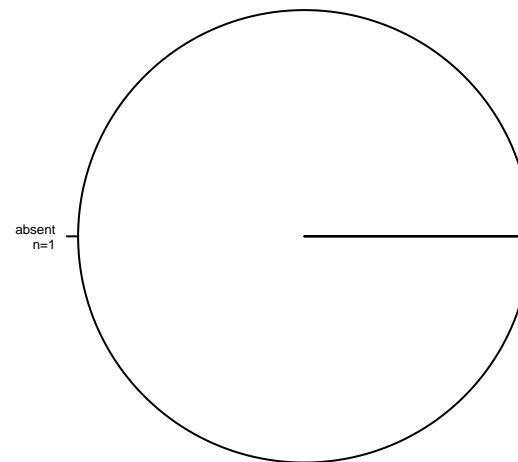


Gain: Ttra,Masbal,Cpar,Symmic,Ngru,Euglenozoa,NA  
Presence Eukaryota prob = 0.00  
Present: 10  
Losses: NA

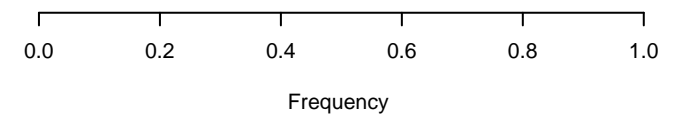
SNF2\_N.HG2.6  
like:SMARCAD1



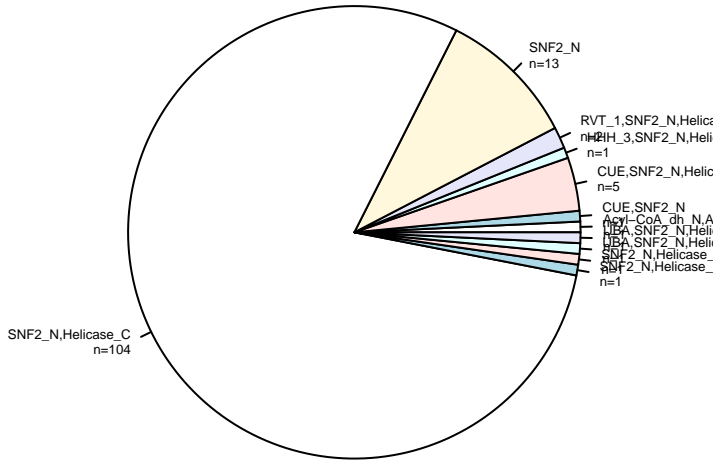
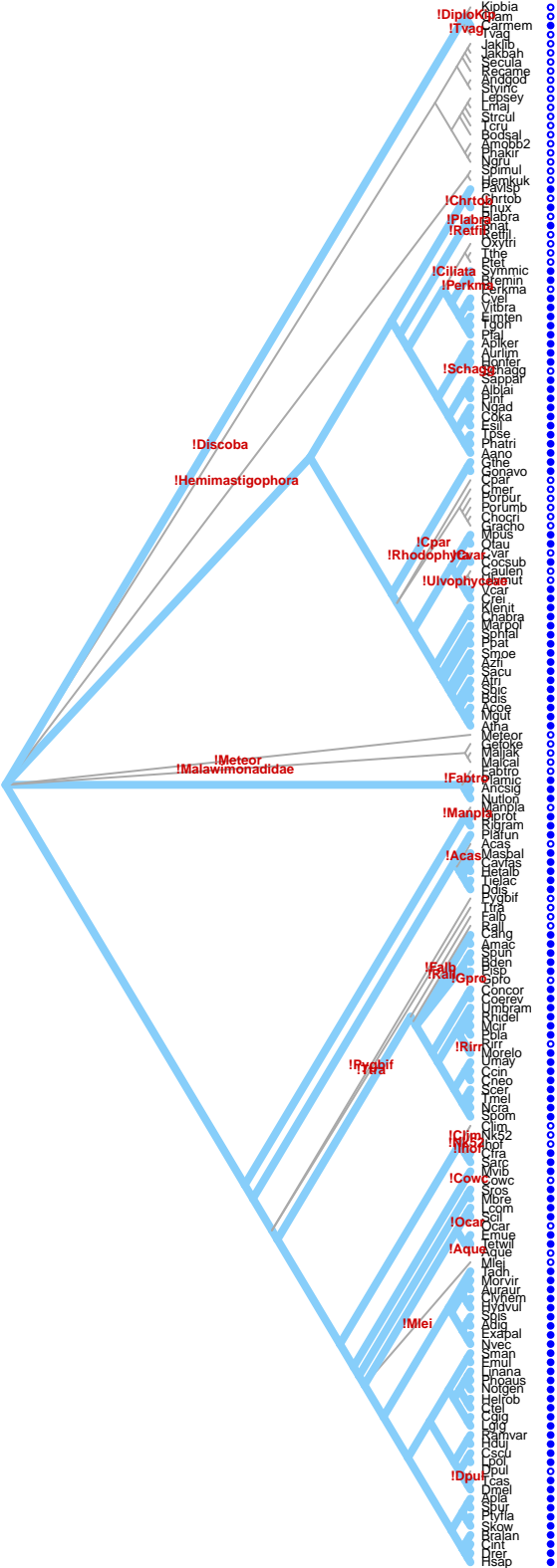
Gain: Ccin,Otau,Ehux,NA  
Presence Eukaryota prob = 0.00  
Present: 3  
Losses: NA



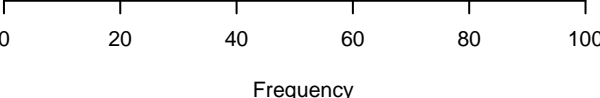
absent absent | n=1



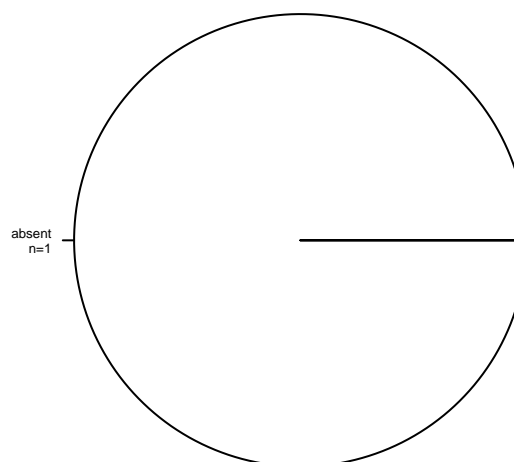
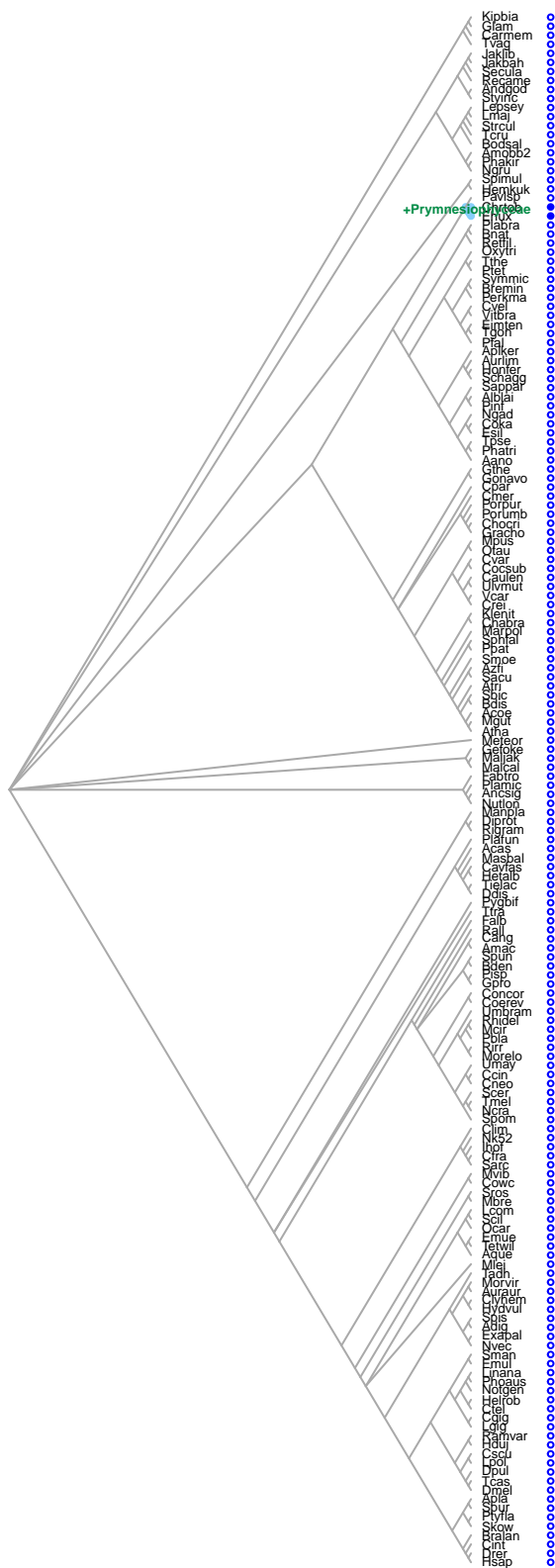
SNF2\_N.HG2.7  
SMARCAD1



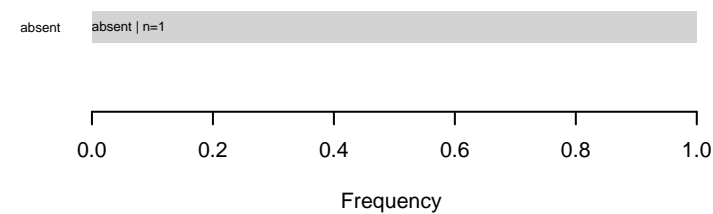
UBA,SNF2_N,Helicase_C,Methyltr_RsmB-F	UBA,SNF2_N,Helicase_C,Methyltr_RsmB-F   n=1
UBA,SNF2_N,Helicase_C	UBA,SNF2_N,Helicase_C   n=1
SNF2_N,Helicase_C,RnaAD	SNF2_N,Helicase_C,RnaAD   n=1
SNF2_N,Helicase_C,Rieske,PaO	SNF2_N,Helicase_C,Rieske,PaO   n=1
SNF2_N,Helicase_C	SNF2_N,Helicase_C   n=104
SNF2_N	SNF2_N   n=13
RVT_1,SNF2_N,Helicase_C	RVT_1,SNF2_N,Helicase_C   n=2
HHH_3,SNF2_N,Helicase_C	HHH_3,SNF2_N,Helicase_C   n=1
CUE,SNF2_N,Helicase_C	CUE,SNF2_N,Helicase_C   n=5
CUE,SNF2_N	CUE,SNF2_N   n=1
Acyl-CoA_dh_N,Acyl-CoA_dh_M,Acyl-CoA_dh_1,SNF2_N,Helicase_C	Acyl-CoA_dh_N,Acyl-CoA_dh_M,Acyl-CoA_dh_1,SNF2_N,Helicase_C   n=1

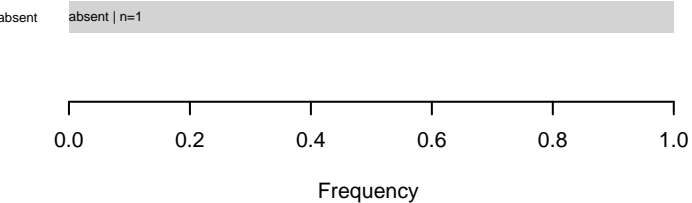
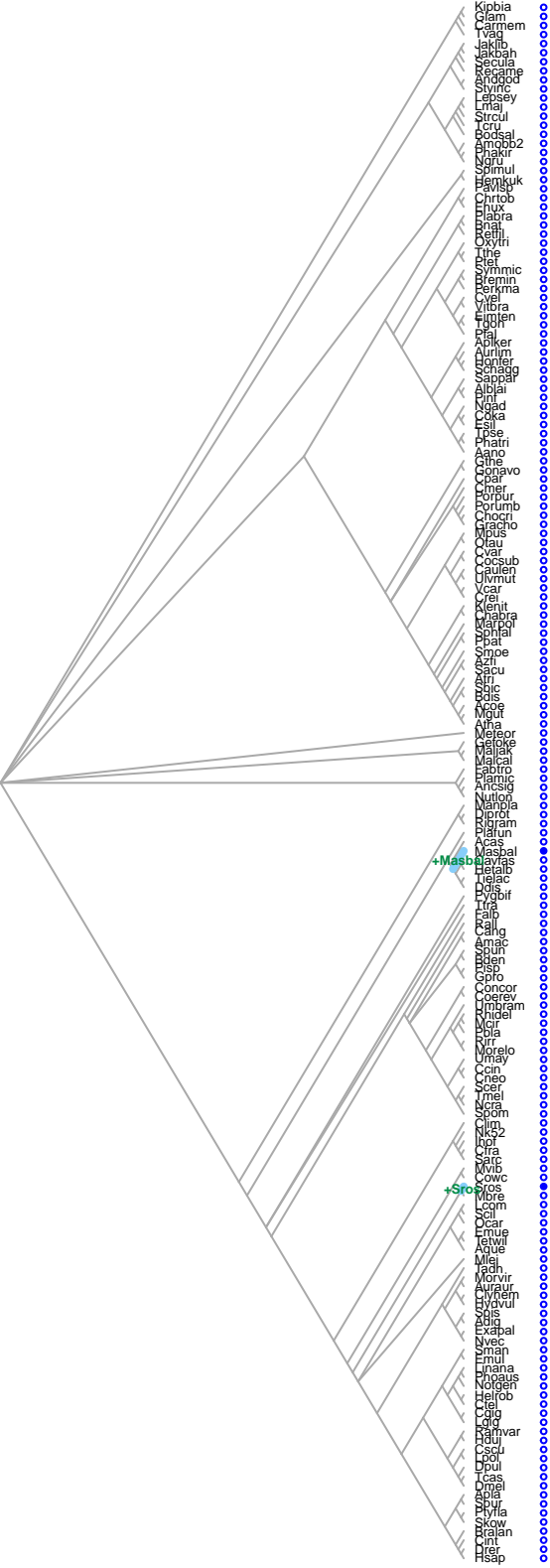


SNF2\_N.HG2.8  
like:SMARCA1/SMARCA5

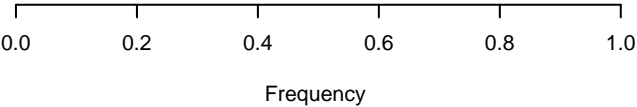
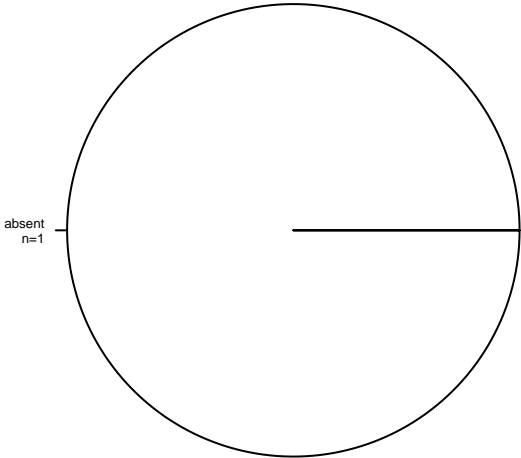
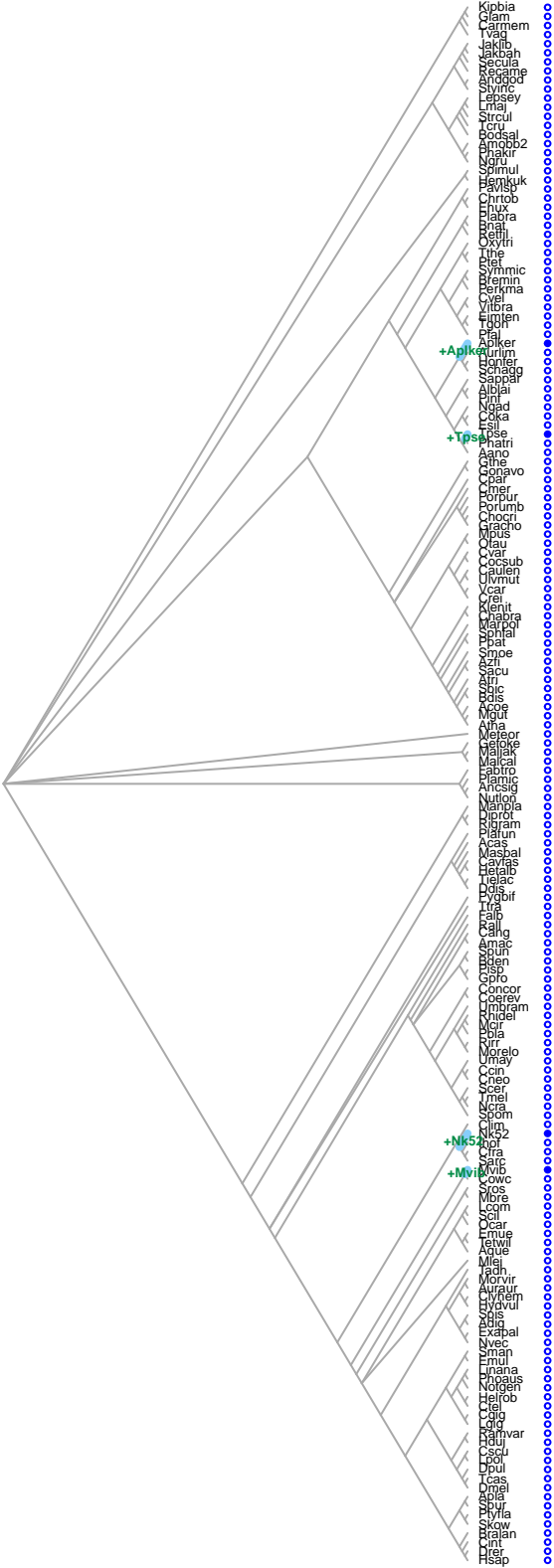


Gain: Prymnesiophyceae,NA  
Presence Eukaryota prob = 0.00  
Present: 2  
Losses: NA



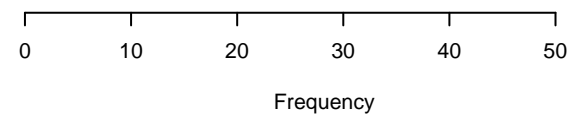
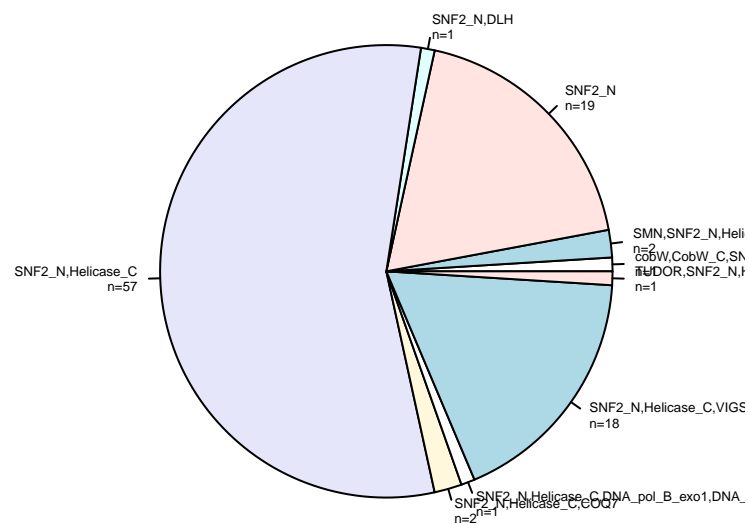


Gain: Sros,Masbal,NA  
Presence Eukaryota prob = 0.00  
Present: 2  
Losses: NA



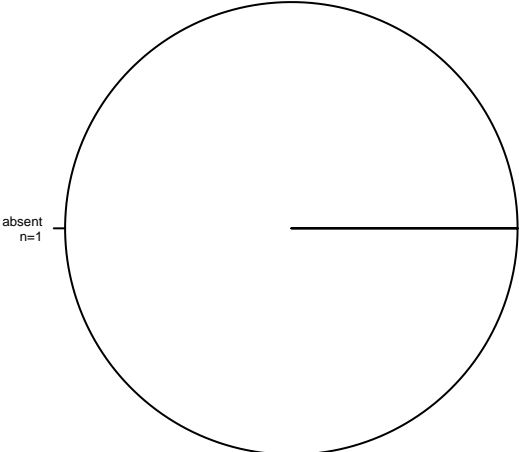
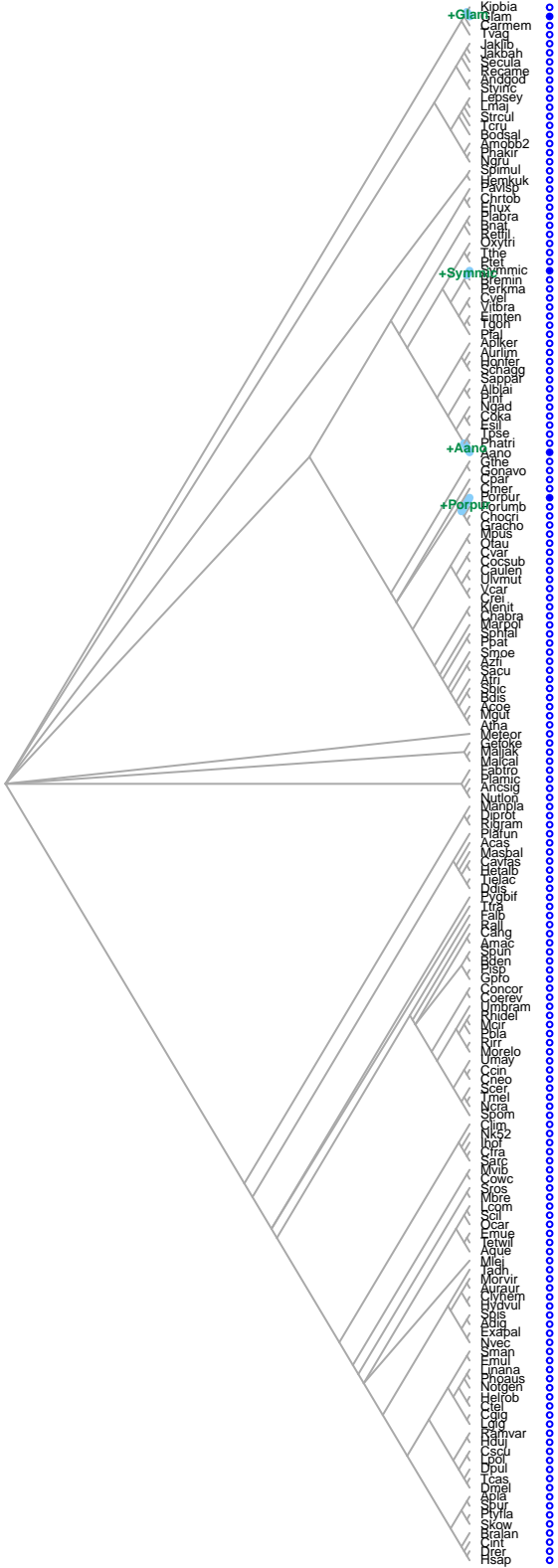
Gain: Mvib,Nk52,Tpse,Aplker,NA  
Presence Eukaryota prob = 0.00  
Present: 4  
Losses: NA

Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 86  
Losses: NA





SNF2\_N.HG3.2  
like:ERCC6



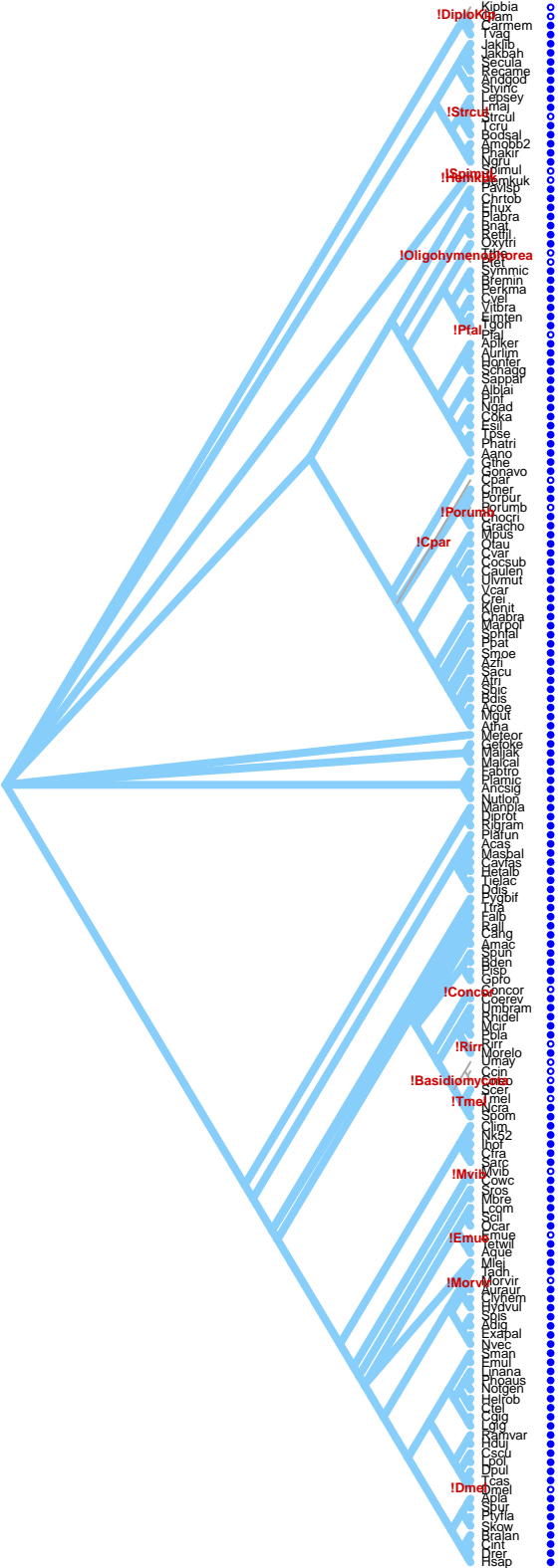
absent absent | n=1



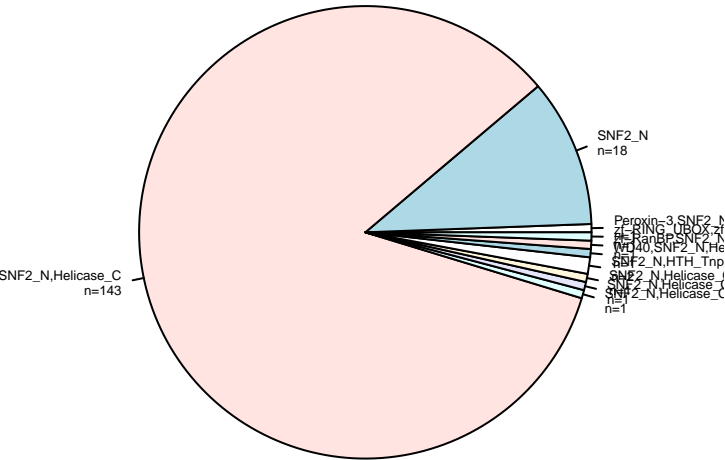
Frequency

Gain: Porpur,Aano,Symmic,Glam,NA  
Presence Eukaryota prob = 0.00  
Present: 4  
Losses: NA

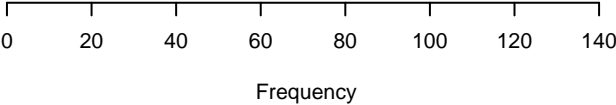
SNF2\_N.HG3.3  
ERCC6



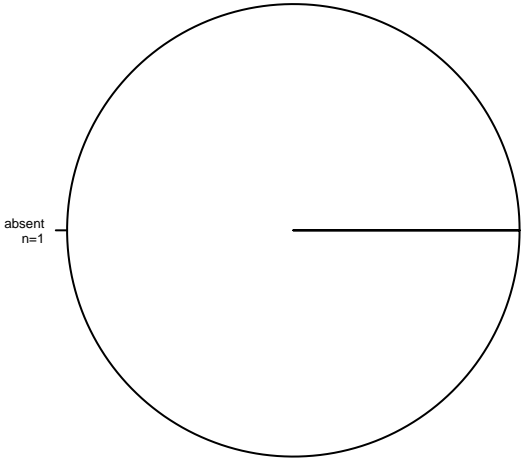
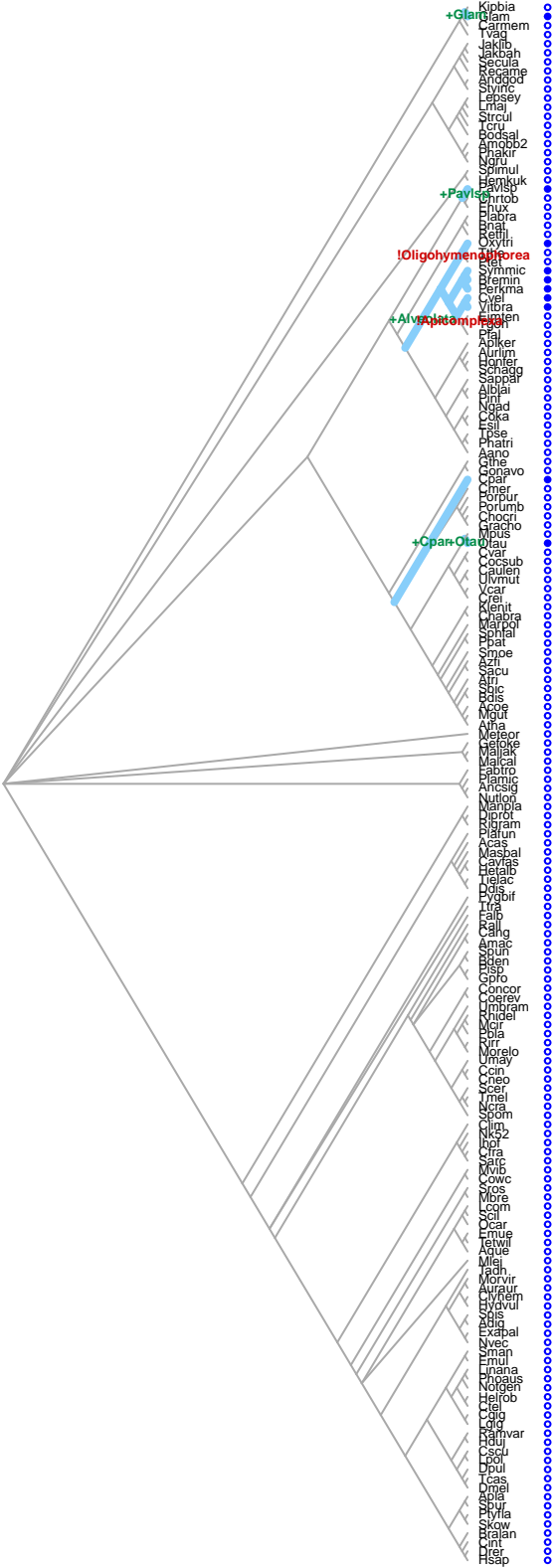
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 152  
Losses: NA



zf-RING_UBOX,zf-B_box,NHL,SNF2_N,Filamin	zf-RING_UBOX,zf-B_box,NHL,SNF2_N,Filamin   n=1
zf-RanBP,SNF2_N,Helicase_C	zf-RanBP,SNF2_N,Helicase_C   n=1
WD40,SNF2_N,Helicase_C	WD40,SNF2_N,Helicase_C   n=1
SNF2_N,HTH_Tnp_4	SNF2_N,HTH_Tnp_4   n=2
SNF2_N,Helicase_C,Vps53_N	SNF2_N,Helicase_C,Vps53_N   n=1
SNF2_N,Helicase_C,KH_2,Ribosomal_S3_C	SNF2_N,Helicase_C,KH_2,Ribosomal_S3_C   n=1
SNF2_N,Helicase_C,Histone	SNF2_N,Helicase_C,Histone   n=1
SNF2_N,Helicase_C	SNF2_N,Helicase_C   n=143
SNF2_N	SNF2_N   n=18
Peroxin-3,SNF2_N,Helicase_C	Peroxin-3,SNF2_N,Helicase_C   n=1



SNF2\_N.HG3.4  
like:ERCC6L

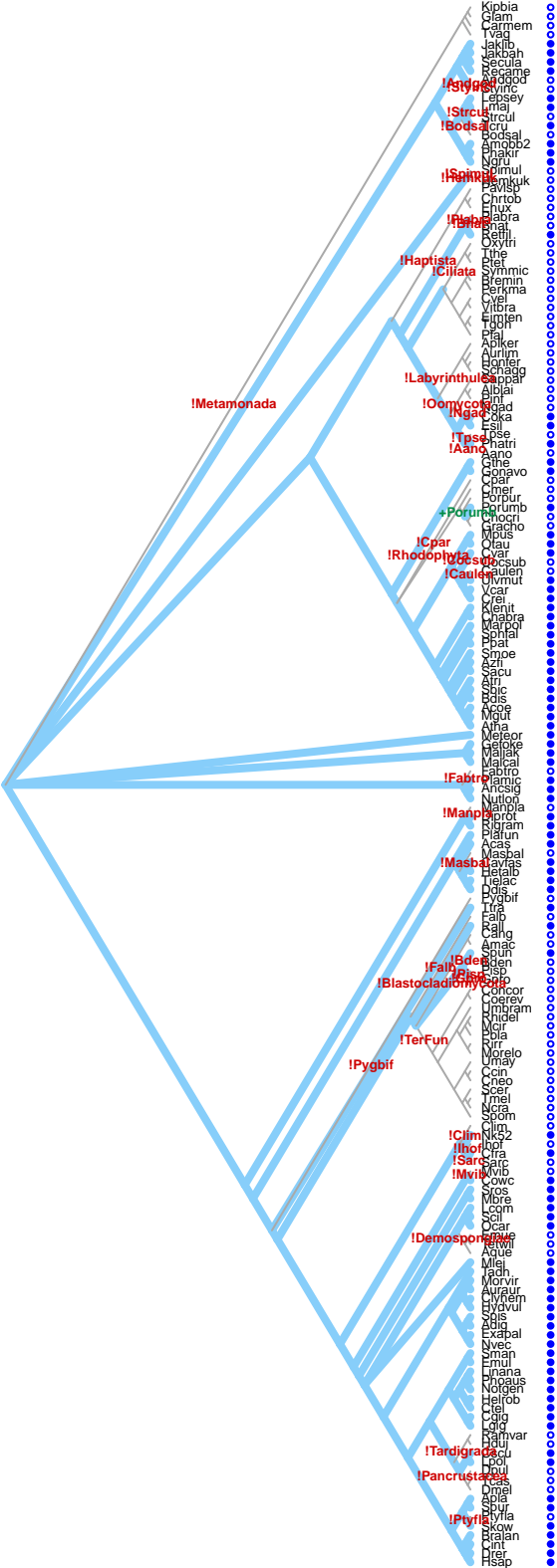


absent absent | n=1

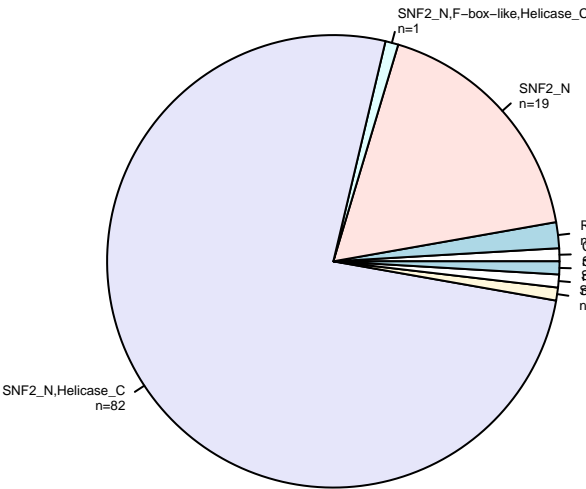
0.0 0.2 0.4 0.6 0.8 1.0

Frequency

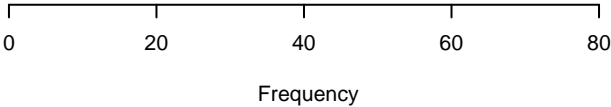
Gain: Otau,Cpar,Alveolata,Pavisp,Glam,NA  
Presence Eukaryota prob = 0.00  
Present: 10  
Losses: NA



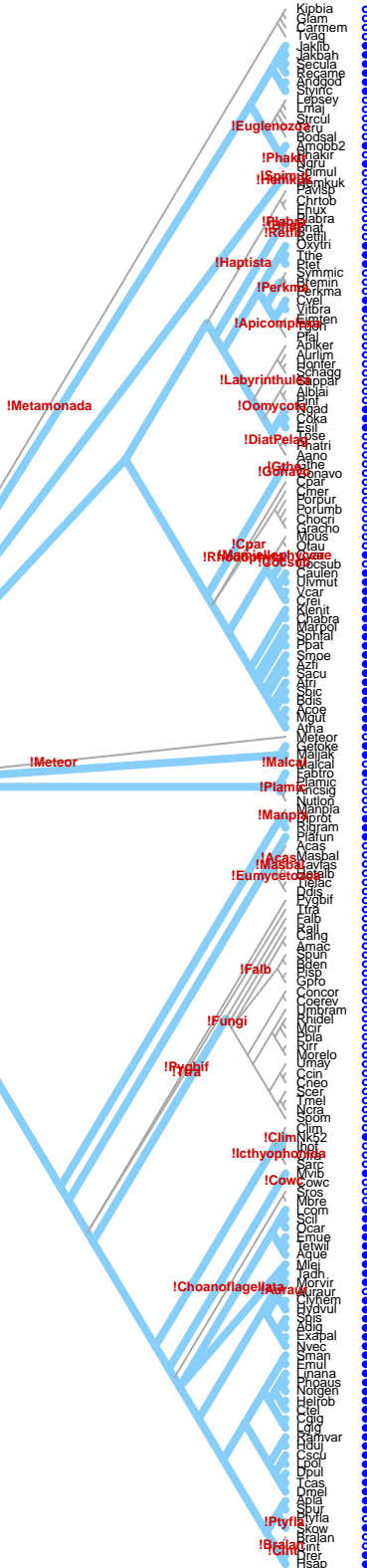
Gain: Porumb,NA  
Presence Eukaryota prob = 1.00  
Present: 91  
Losses: NA



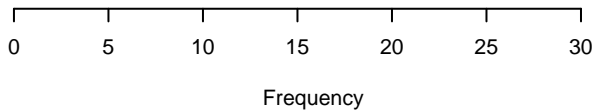
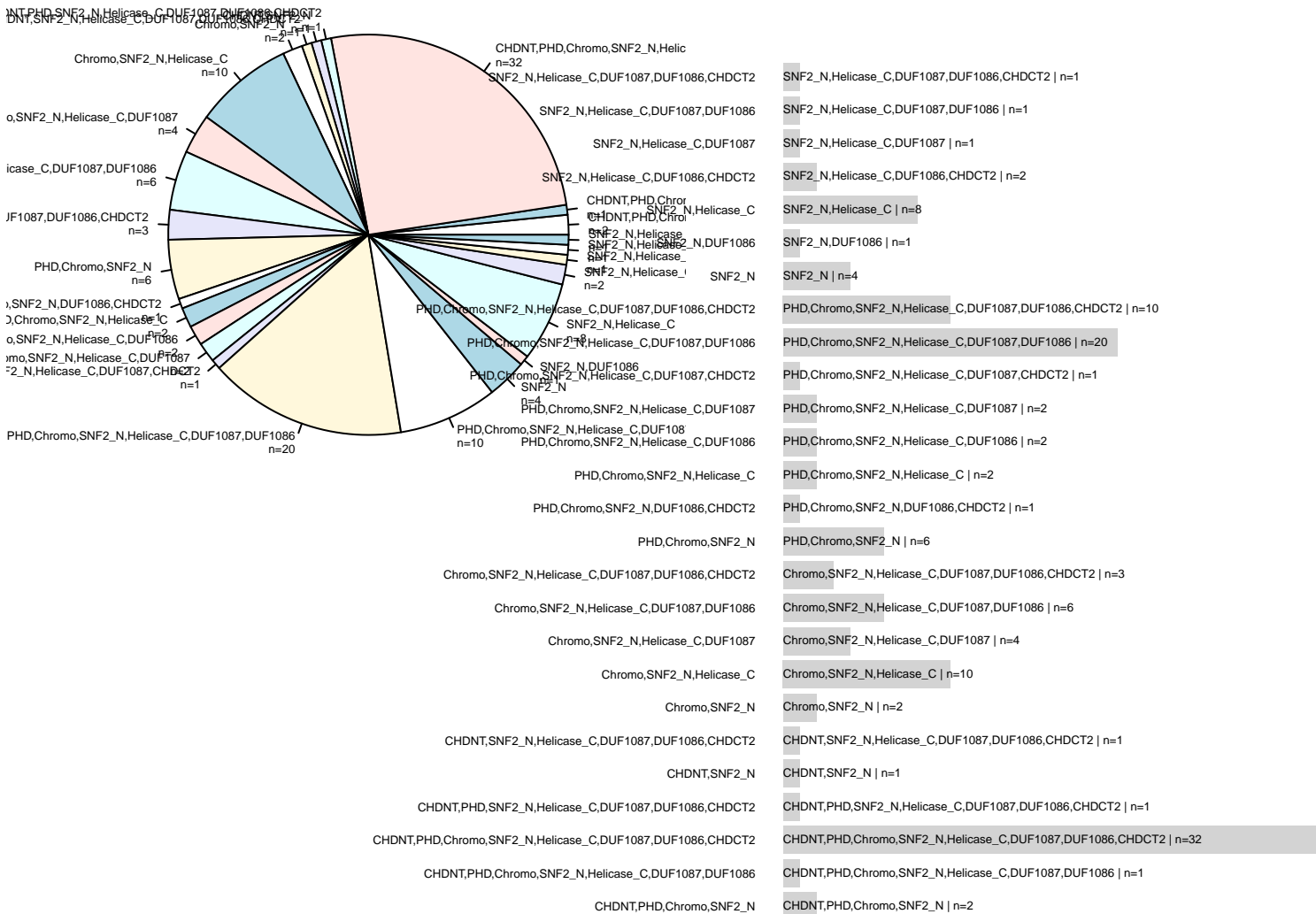
SNF2_N,Helicase_C,SprT-like	SNF2_N,Helicase_C,SprT-like   n=1
SNF2_N,Helicase_C,Myb_DNA-binding	SNF2_N,Helicase_C,Myb_DNA-binding   n=1
SNF2_N,Helicase_C,Homeodomain	SNF2_N,Helicase_C,Homeodomain   n=1
SNF2_N,Helicase_C	SNF2_N,Helicase_C   n=82
SNF2_N,F-box-like,Helicase_C	SNF2_N,F-box-like,Helicase_C   n=1
SNF2_N	SNF2_N   n=19
RVT_1,SNF2_N,Helicase_C,SprT-like	RVT_1,SNF2_N,Helicase_C,SprT-like   n=2
CBM_20,SNF2_N,Helicase_C	CBM_20,SNF2_N,Helicase_C   n=1



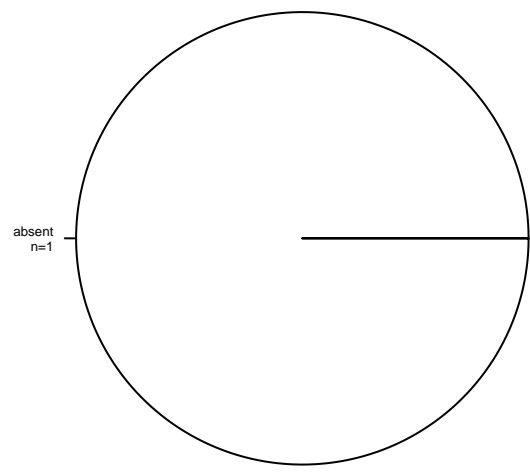
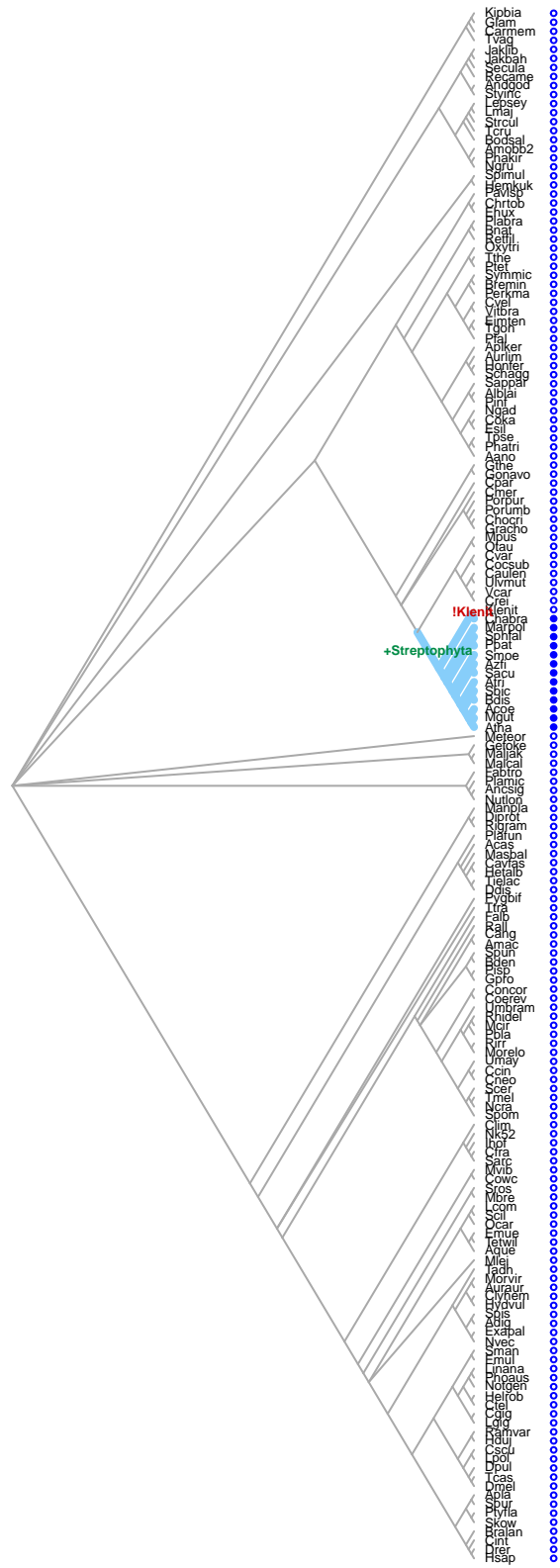
SNF2\_N.HG4.0  
AC006064.6/CHD3/CHD4/CHD5



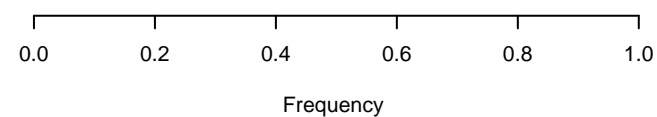
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 79  
Losses: NA



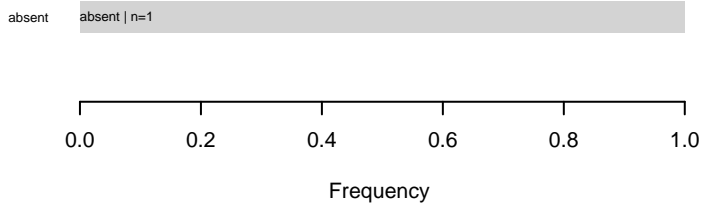
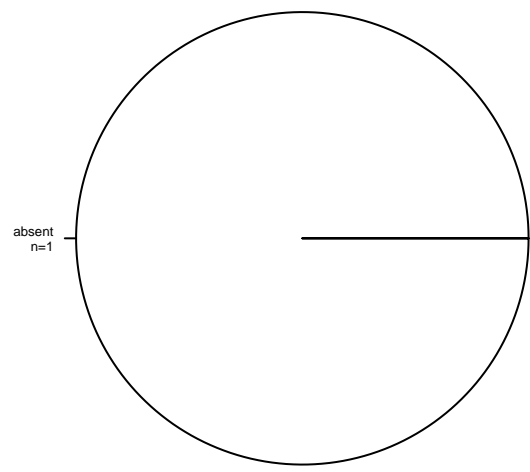
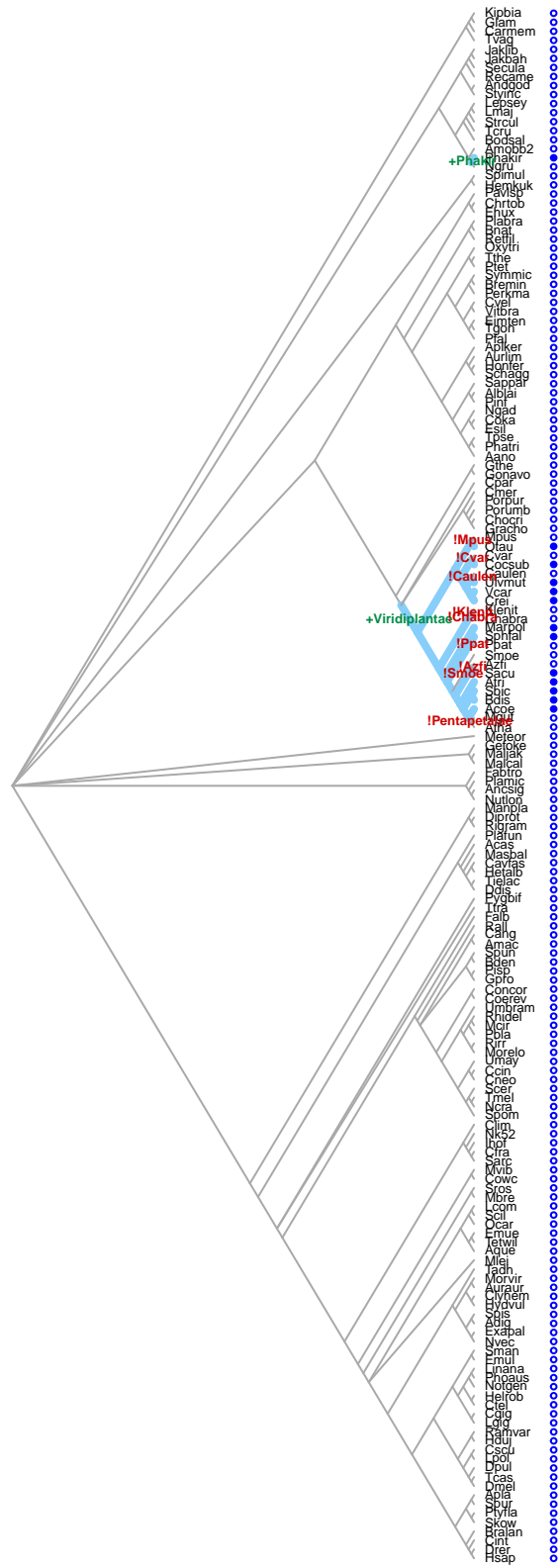
SNF2\_N.HG4.1  
like:CHD1/CHD2



Gain: Streptophyta,NA  
Presence Eukaryota prob = 0.00  
Present: 13  
Losses: NA

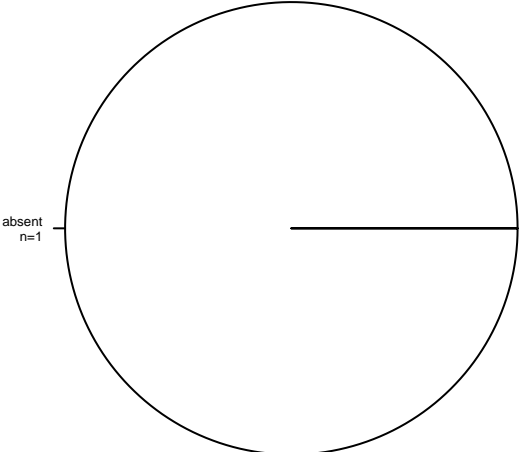
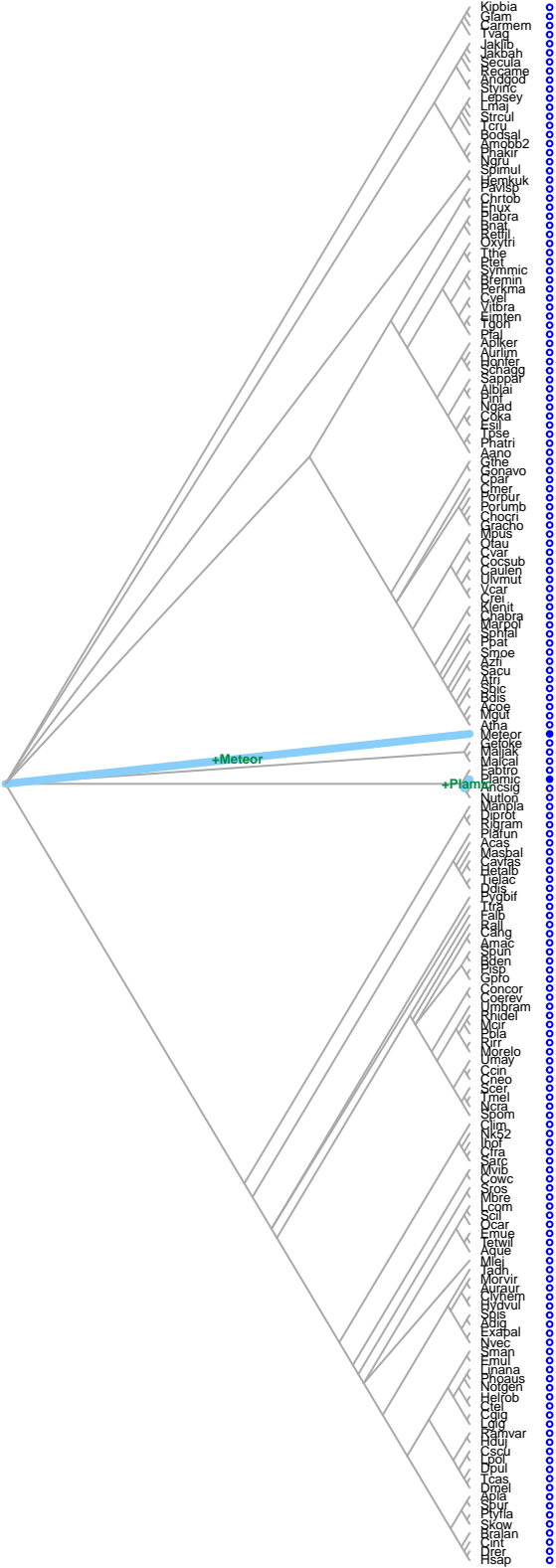


SNF2\_N.HG4.2  
like:CHD1/CHD2

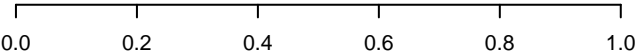


Gain: Viridiplantae,Phakir,NA  
Presence Eukaryota prob = 0.07  
Present: 13  
Losses: NA

SNF2\_N.HG4.3  
like:CHD1/CHD2



absent absent | n=1

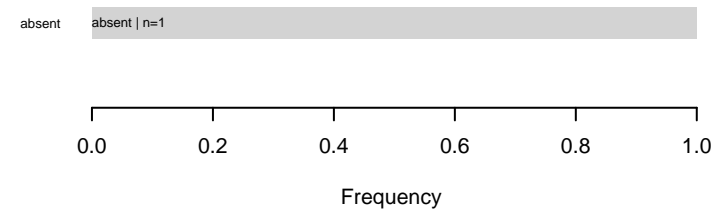


Frequency

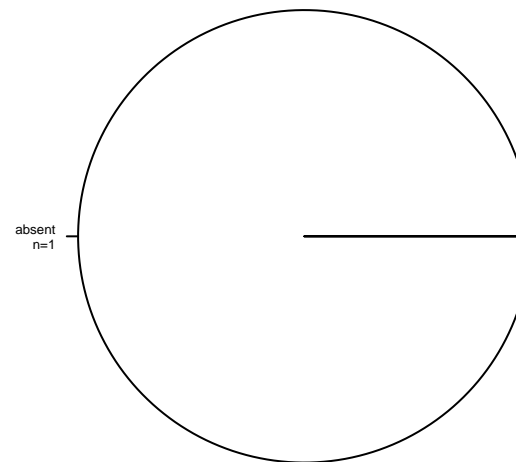
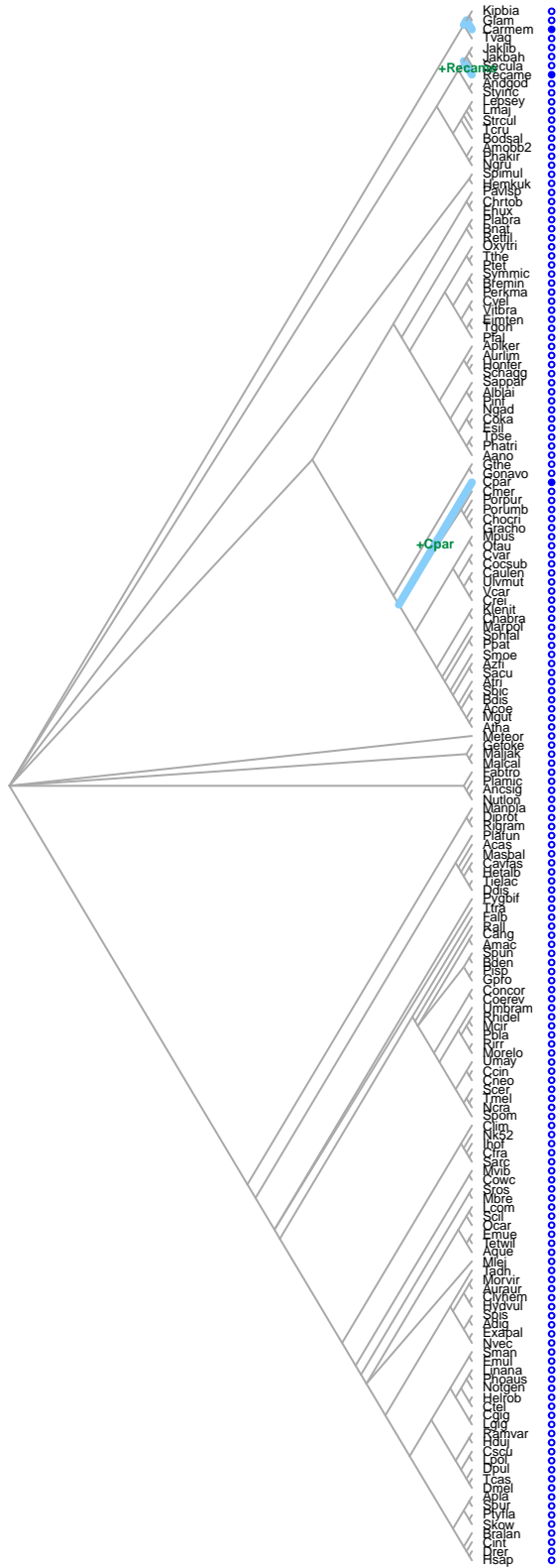
Gain: Plamic,Meteor,NA  
Presence Eukaryota prob = 0.17  
Present: 2  
Losses: NA



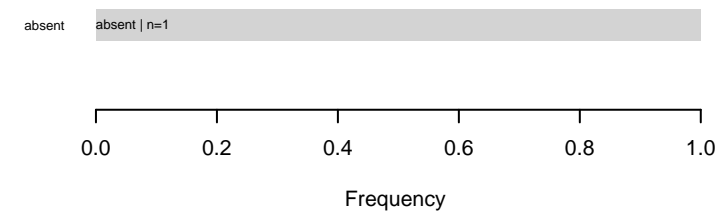
Gain: NA  
Presence Eukaryota prob = 0.98  
Present: 31  
Losses: NA



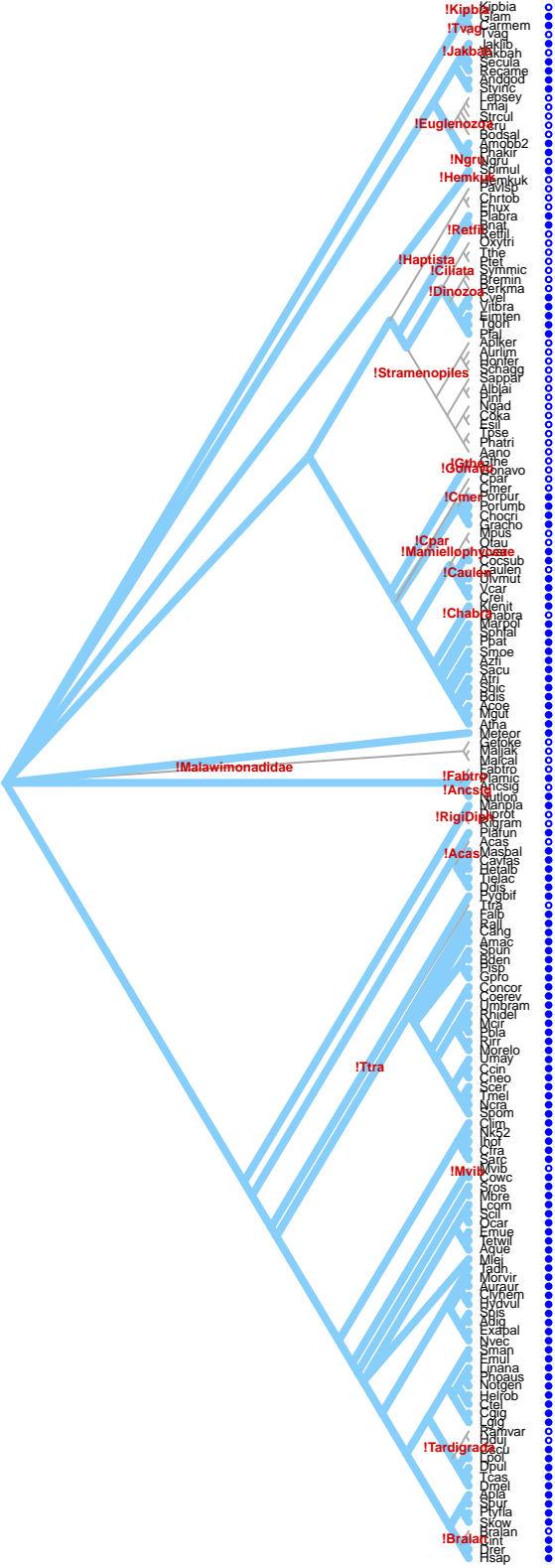
SNF2\_N.HG4.5  
like:CHD1/CHD2



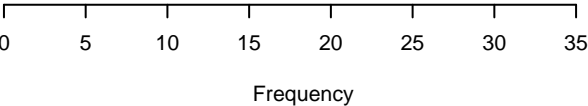
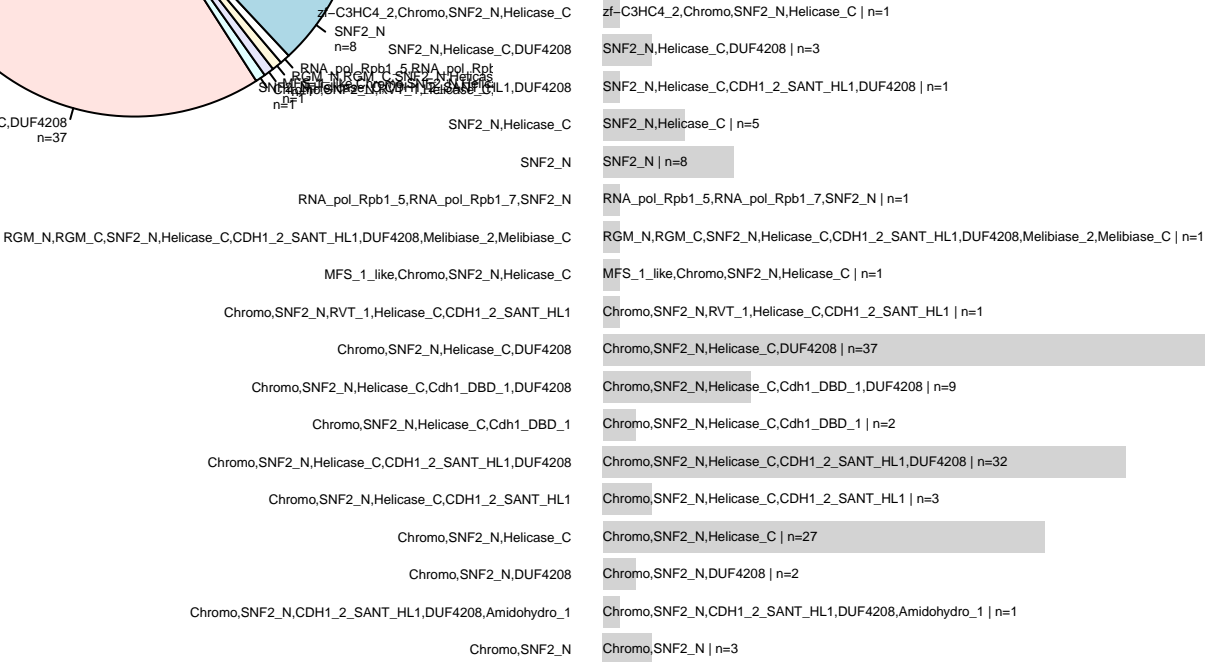
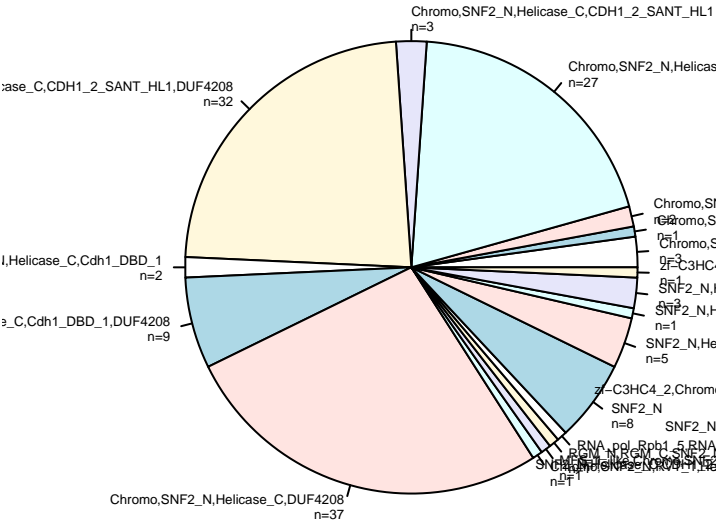
Gain: Cpar,Recame,NA  
Presence Eukaryota prob = 0.00  
Present: 3  
Losses: NA

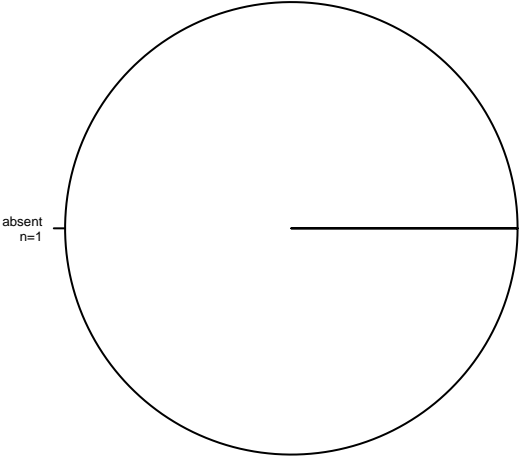
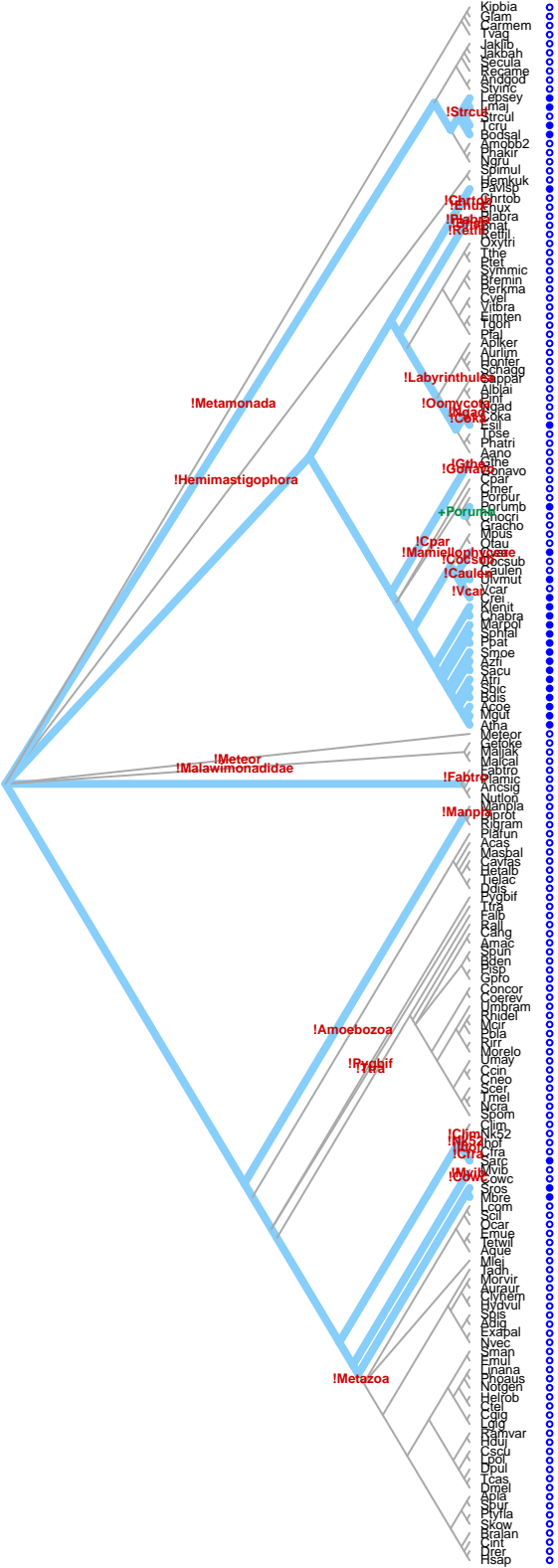


SNF2\_N.HG4.6  
CHD1/CHD2

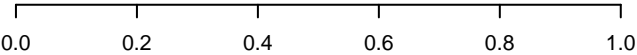


Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 118  
Losses: NA

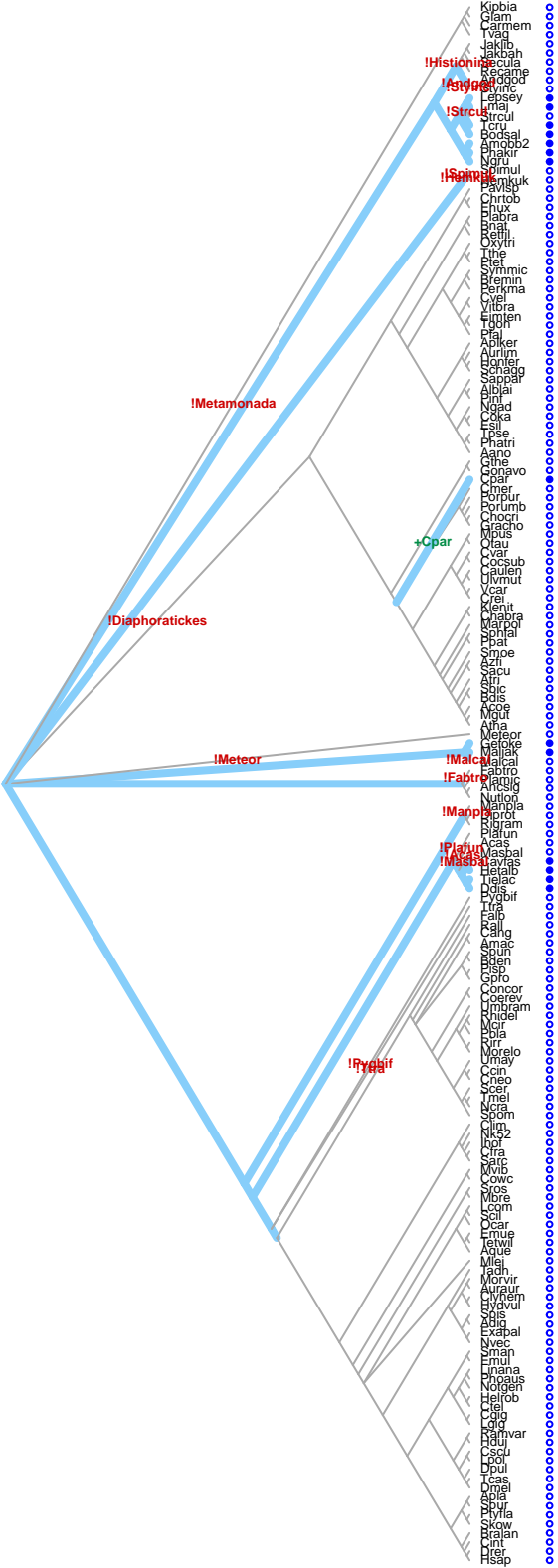




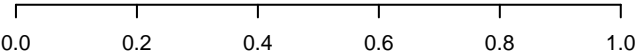
absent absent | n=1



Gain: Porumb,NA  
Presence Eukaryota prob = 0.87  
Present: 27  
Losses: NA



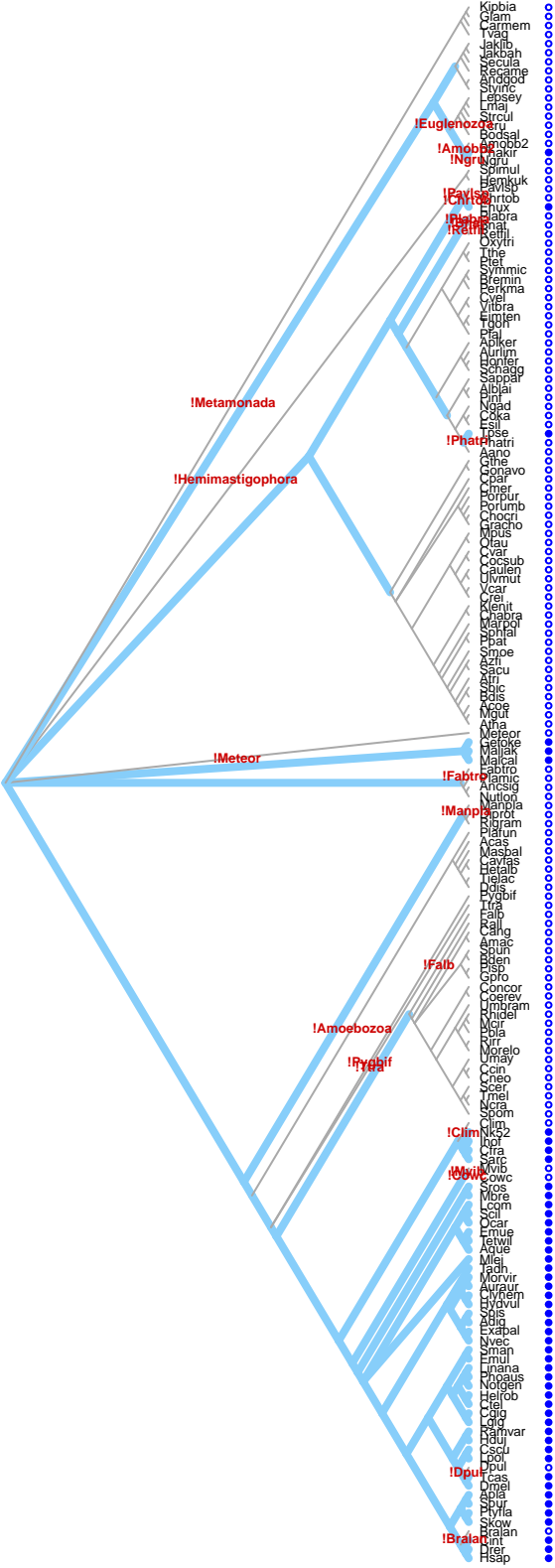
absent absent | n=1



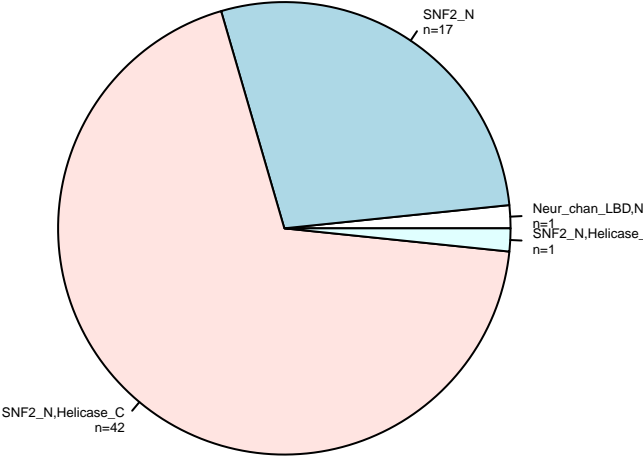
Frequency

Gain: Cpar,NA  
Presence Eukaryota prob = 0.95  
Present: 14  
Losses: NA

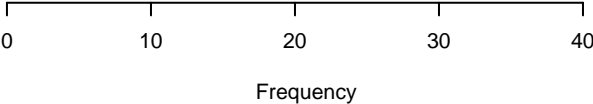
SNF2\_N.HG5.2  
RAD54L2



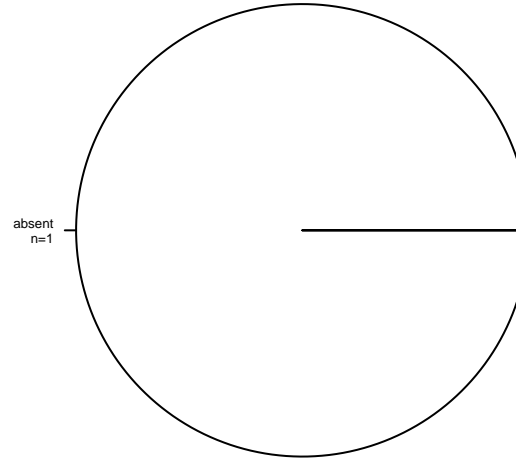
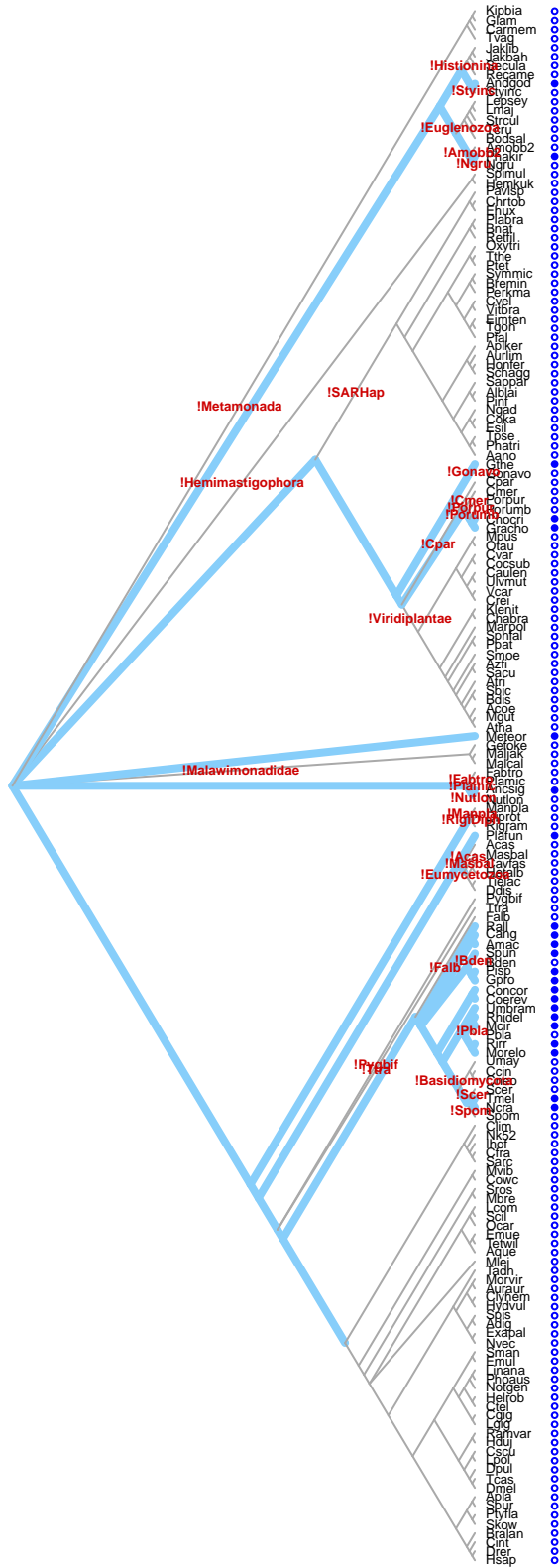
Gain: NA  
Presence Eukaryota prob = 0.99  
Present: 50  
Losses: NA



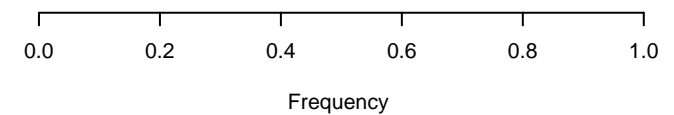
SNF2_N,Helicase_C,zf-CW	SNF2_N,Helicase_C,zf-CW   n=1
SNF2_N,Helicase_C	SNF2_N,Helicase_C   n=42
SNF2_N	SNF2_N   n=17
Neur_chan_LBD,Neur_chan_memb,SNF2_N,Helicase_C	Neur_chan_LBD,Neur_chan_memb,SNF2_N,Helicase_C   n=1



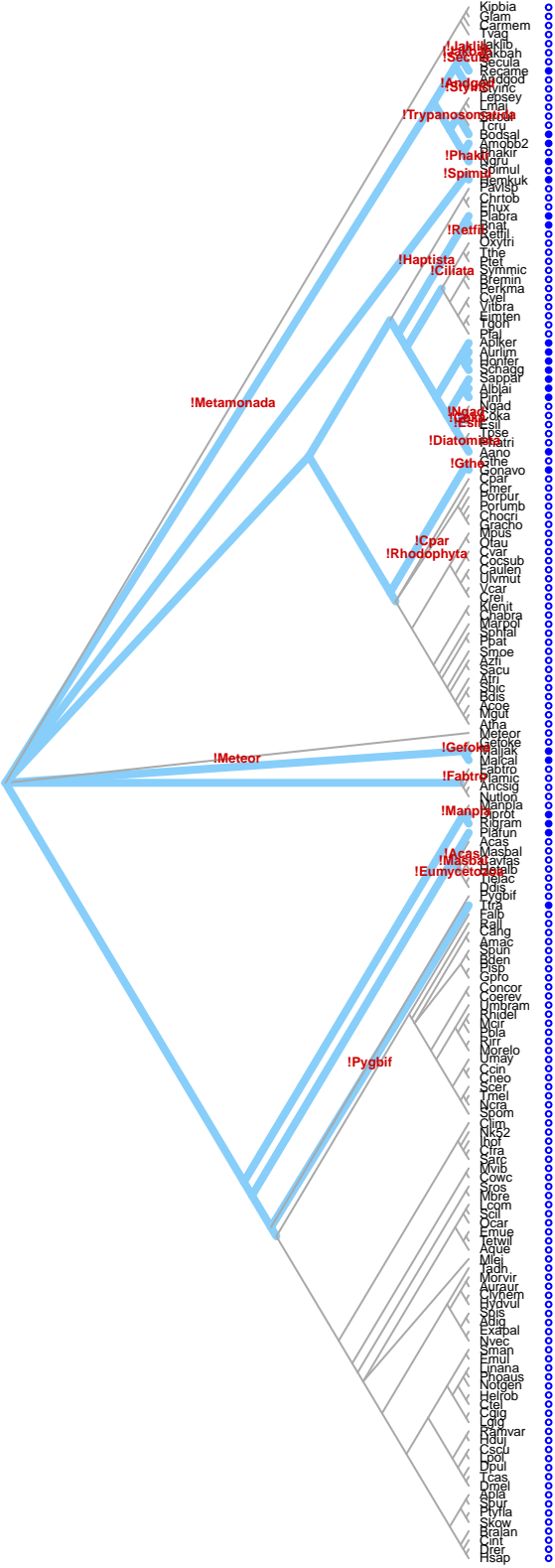
SNF2\_N.HG5.3  
like:ATRAX/RAD54L2



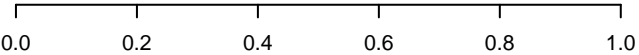
absent absent | n=1



SNF2\_N.HG5.4  
like:ATR/RAD54L2



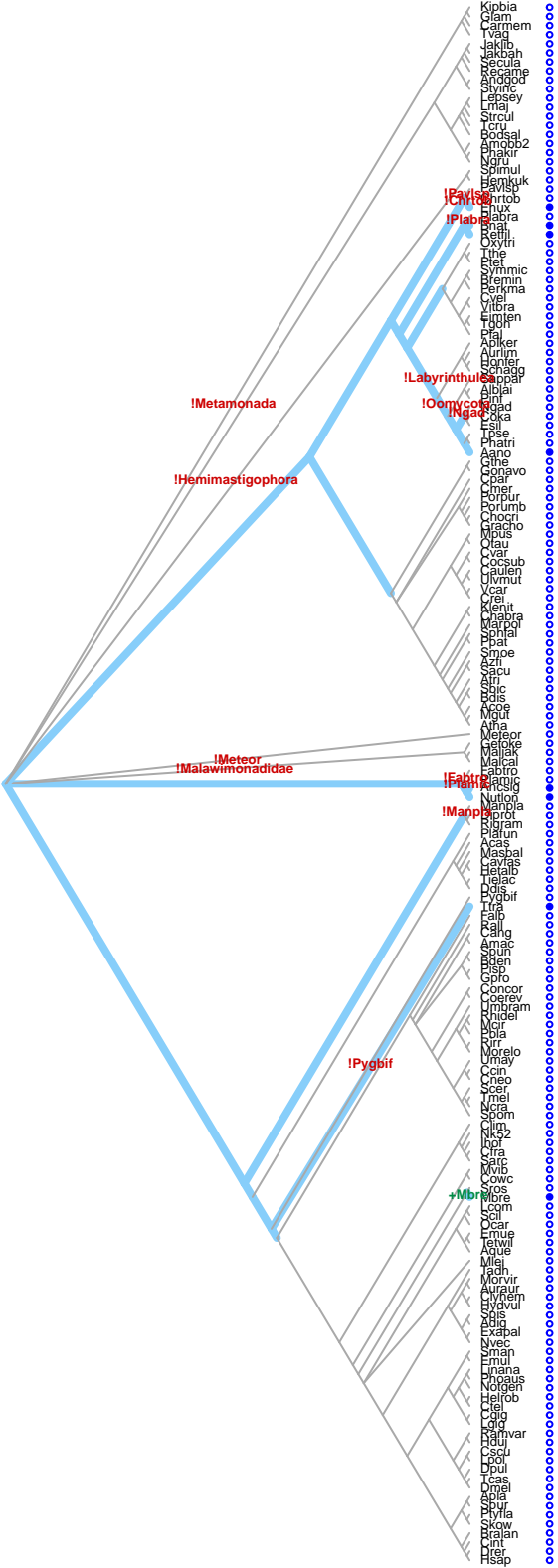
absent absent | n=1



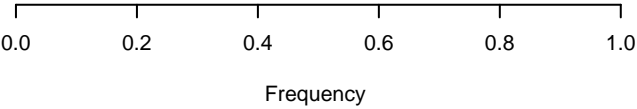
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 22  
Losses: NA



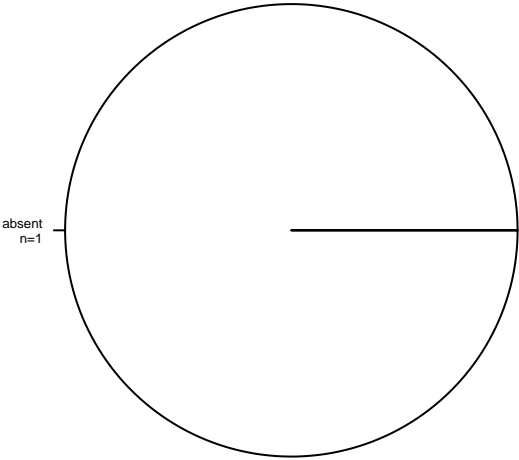
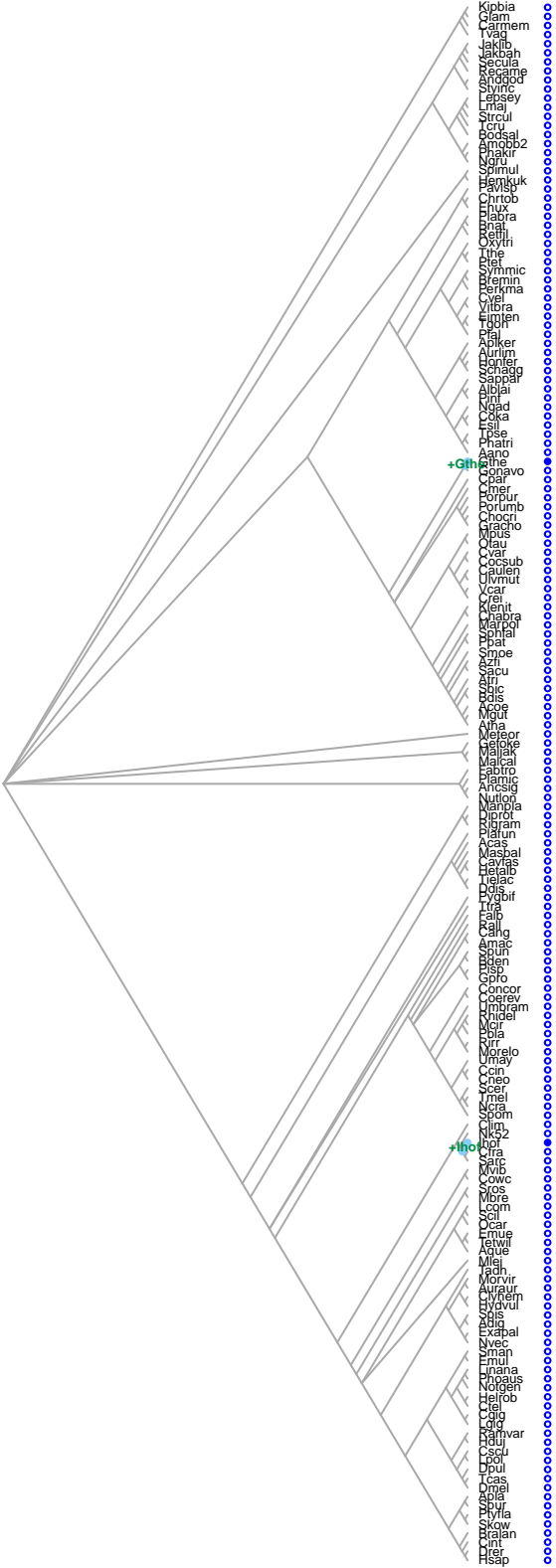
SNF2\_N.HG5.5  
like:ATR



absent absent | n=1



SNF2\_N.HG5.6  
like:ATRX



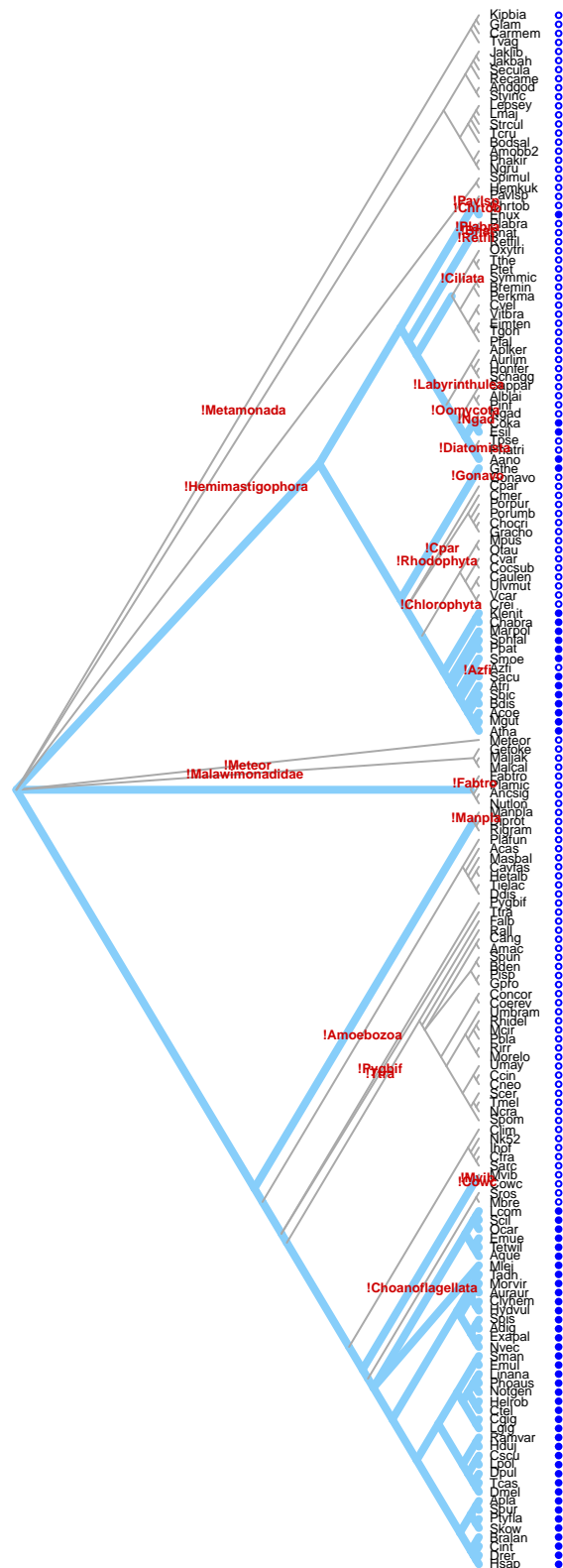
absent absent | n=1

0.0 0.2 0.4 0.6 0.8 1.0

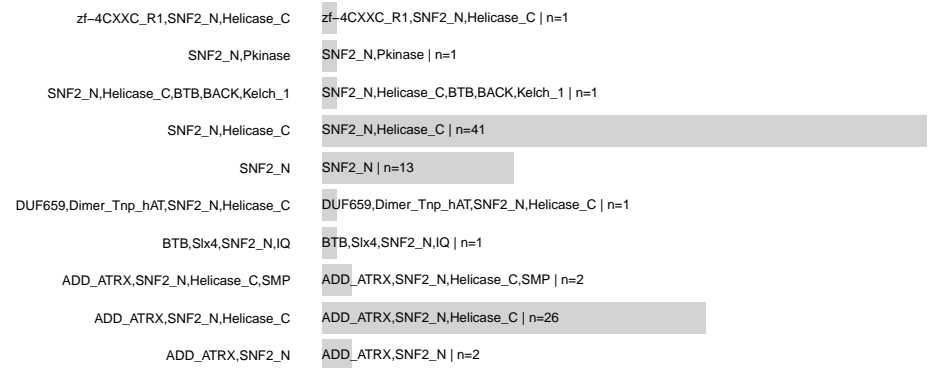
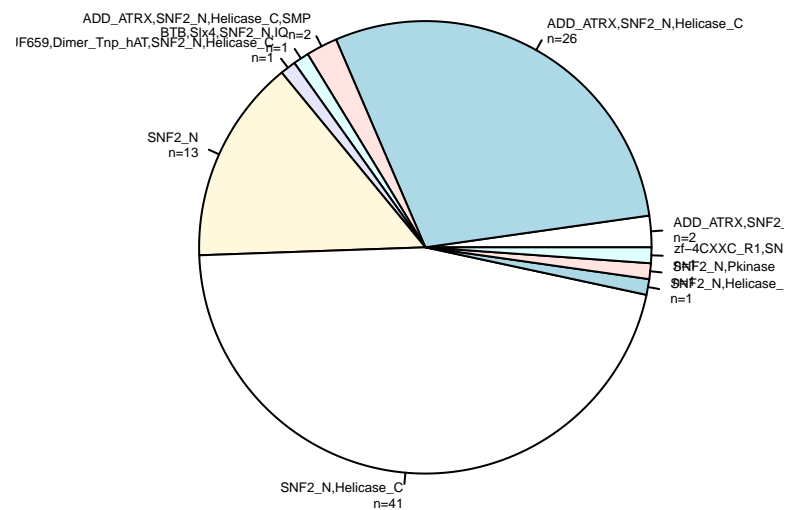
Frequency

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

SNF2\_N.HG5.7  
ATRX

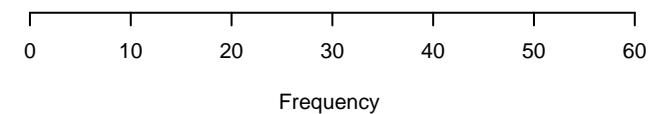
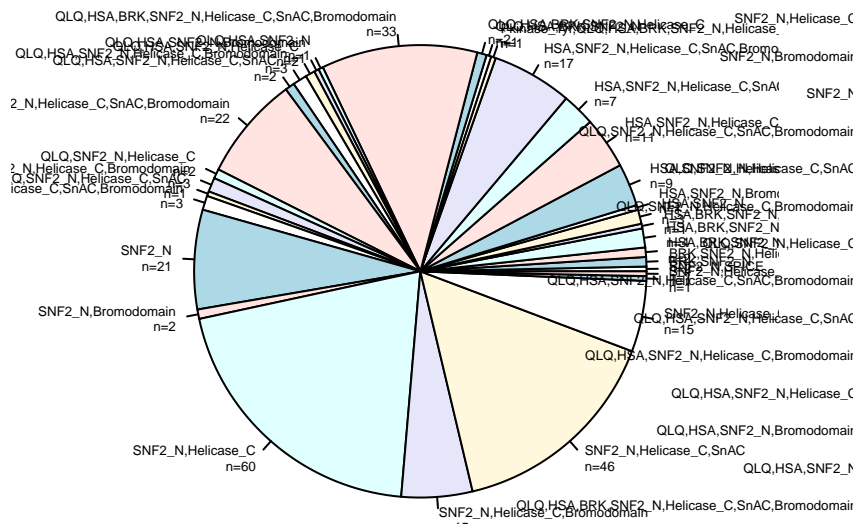


Gain: NA  
Presence Eukaryota prob = 0.89  
Present: 58  
Losses: NA

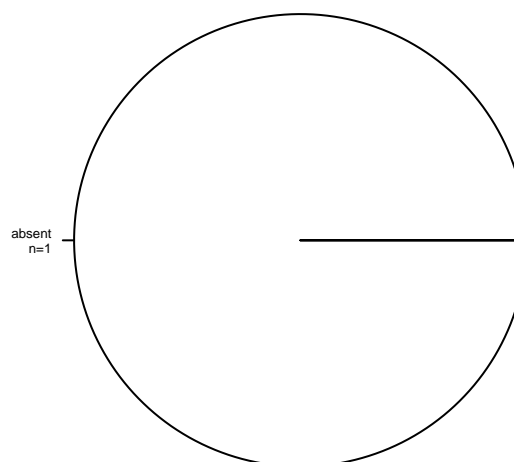
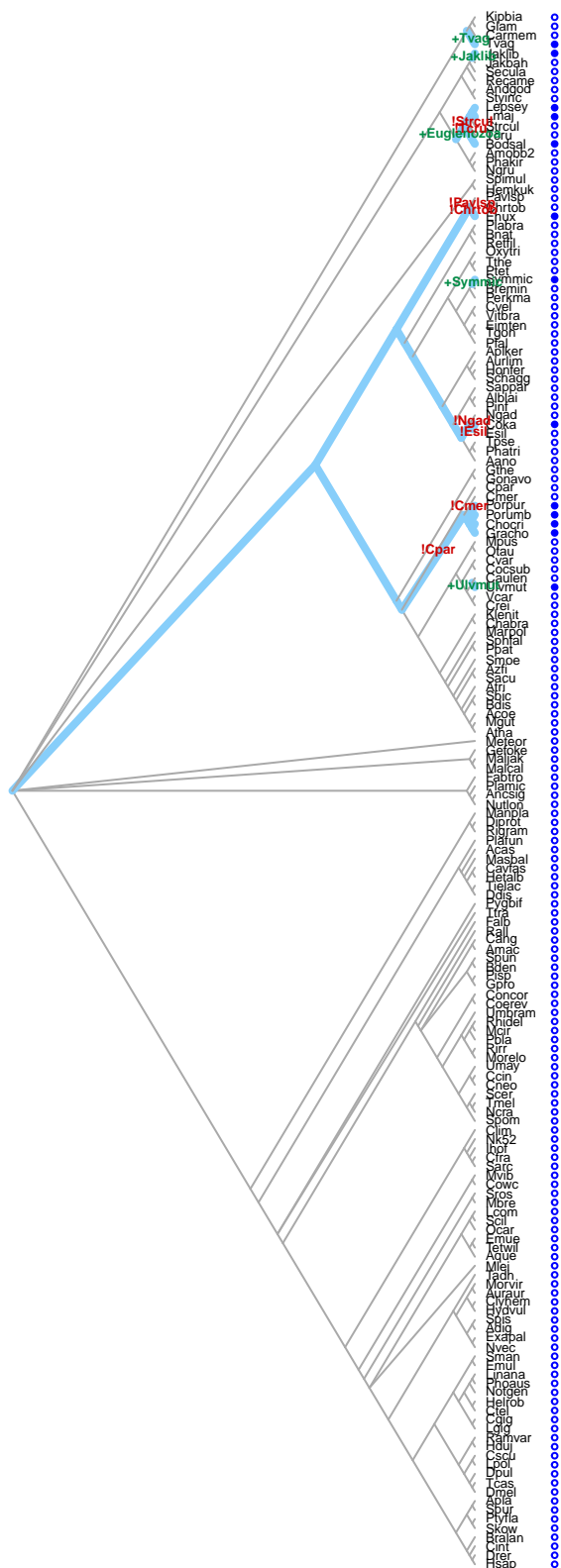


A horizontal axis labeled "Frequency" with tick marks at 0, 10, 20, 30, and 40.

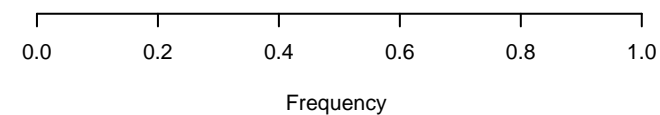
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 154  
Losses: NA

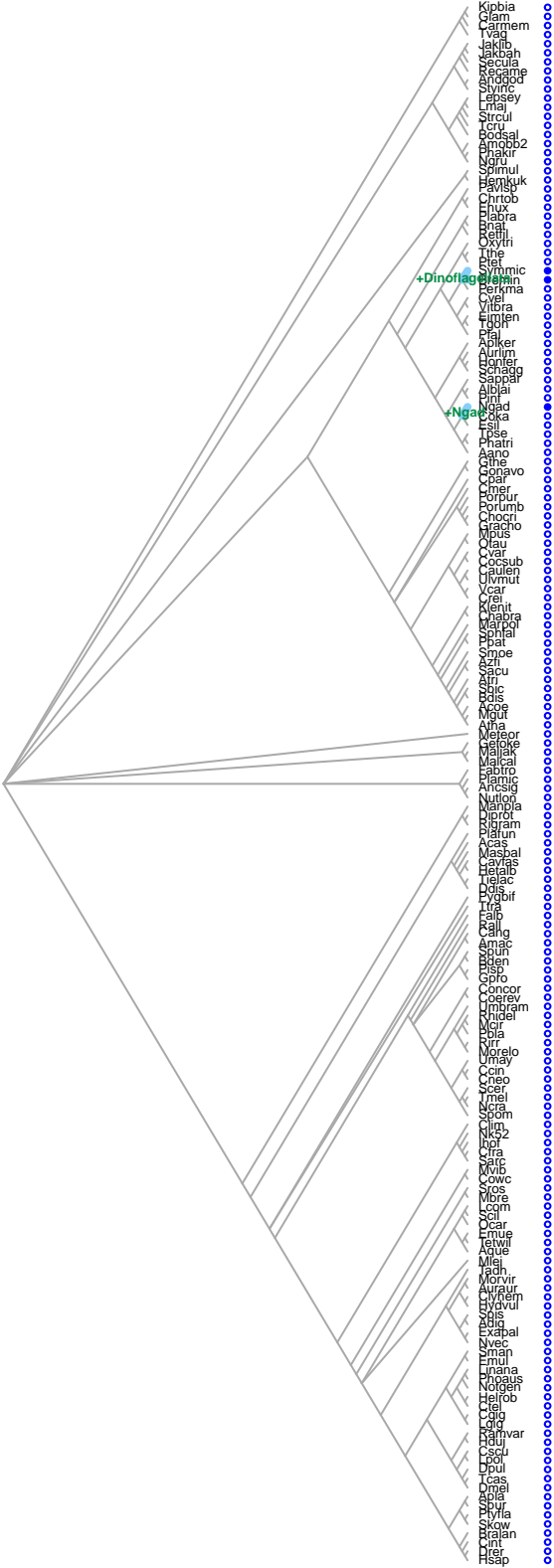


SNF2\_N.HG6.1  
like:SMARCA2/SMARCA4

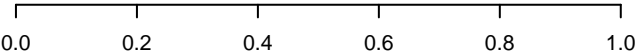


absent absent | n=1





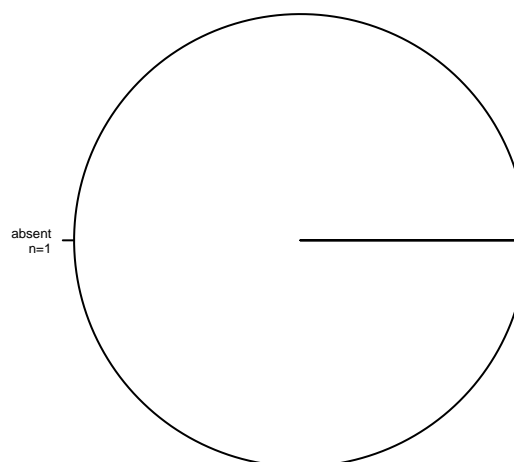
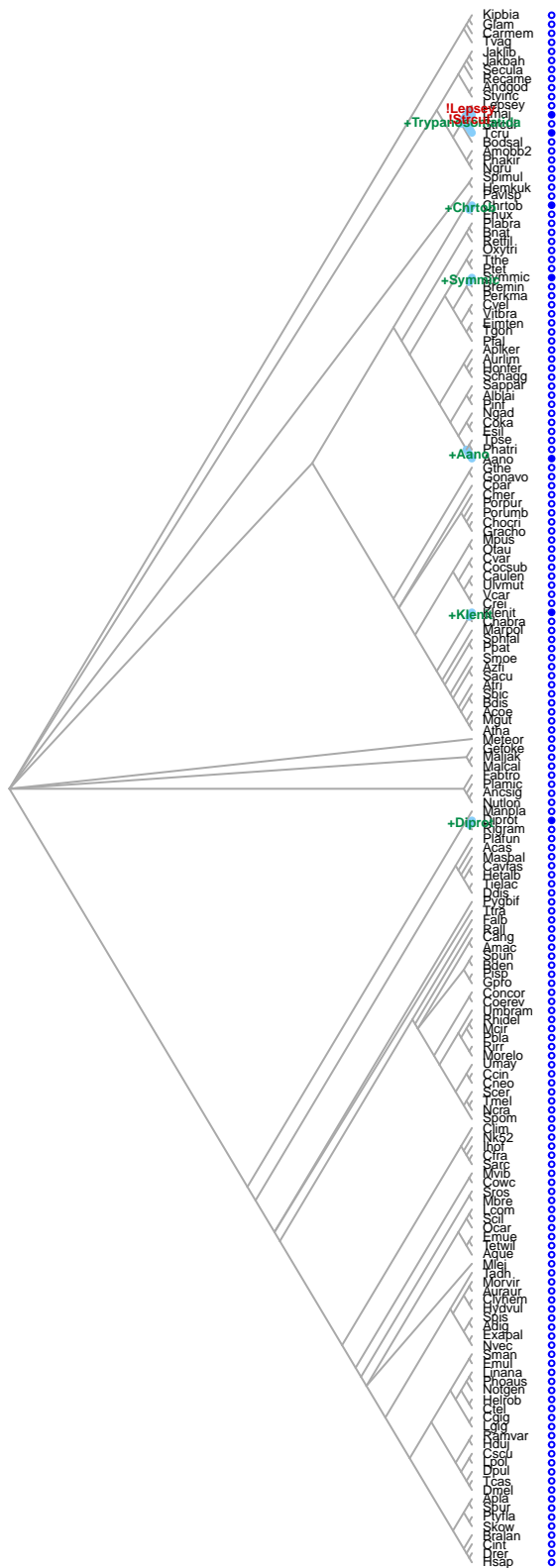
absent absent | n=1



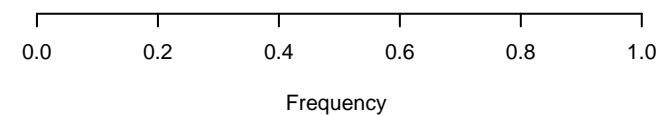
Frequency

Gain: Ngad,Dinoflagellata,NA  
Presence Eukaryota prob = 0.00  
Present: 3  
Losses: NA

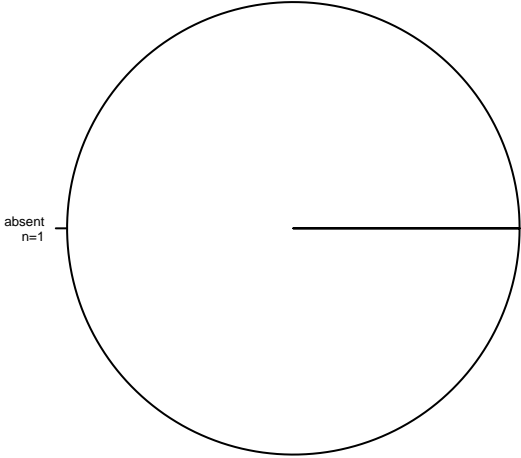
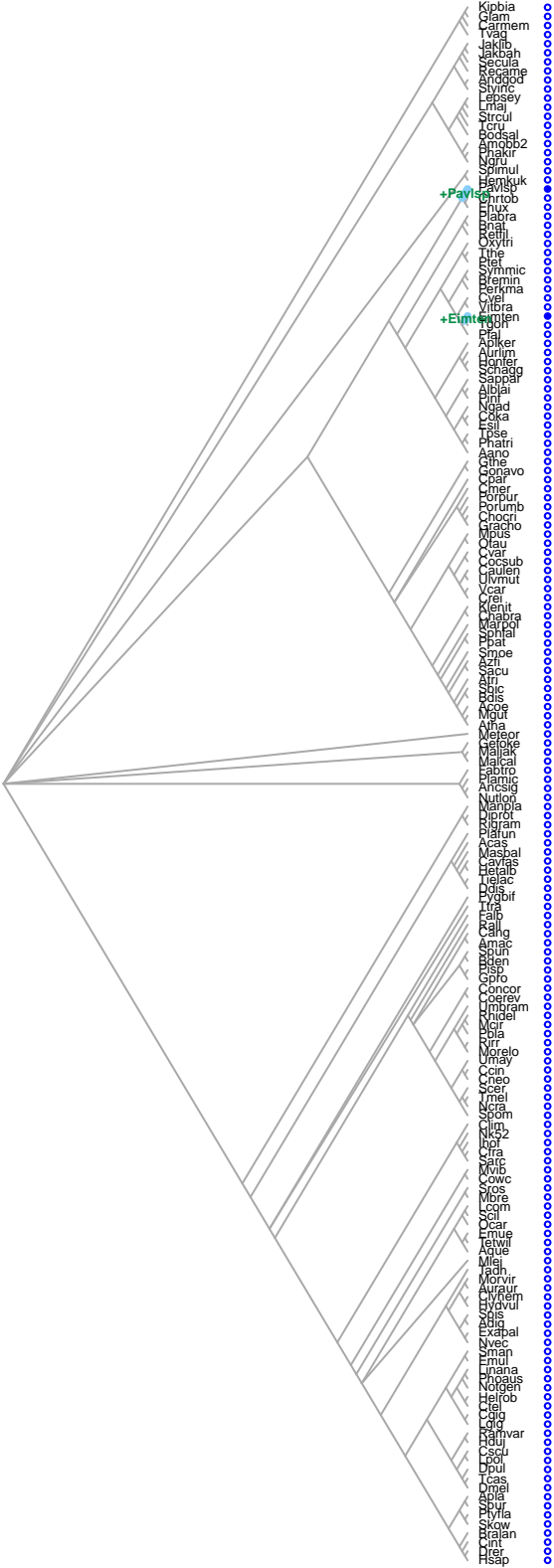
SNF2\_N.HG7.0  
like:RAD54B/RAD54L



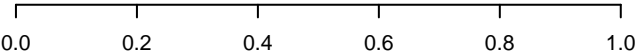
absent absent | n=1



Gain: Diprot,Klenit,Aano,Symm,Chrtob,Trypanosomatida,NA  
 Presence Eukaryota prob = 0.10  
 Present: 7  
 Losses: NA



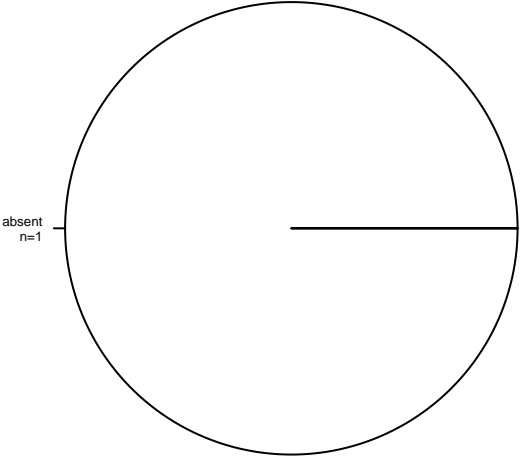
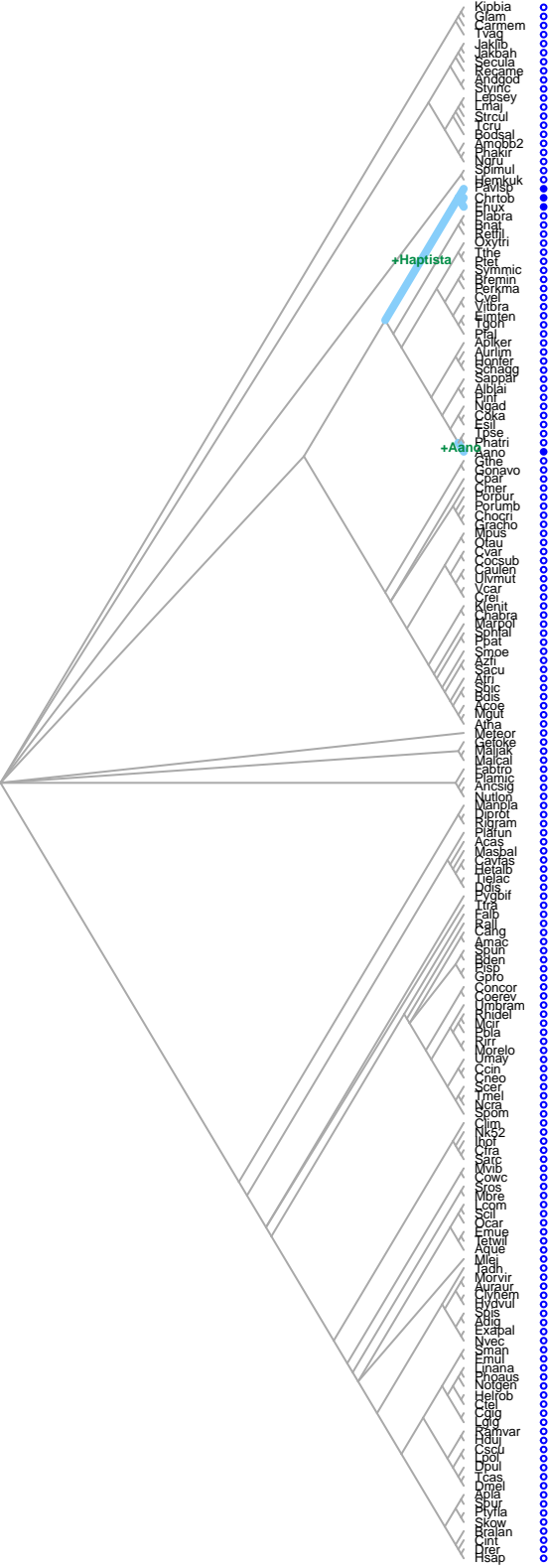
absent absent | n=1



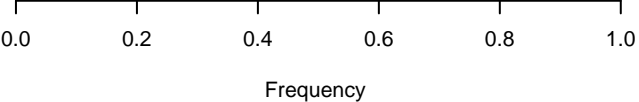
Frequency

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



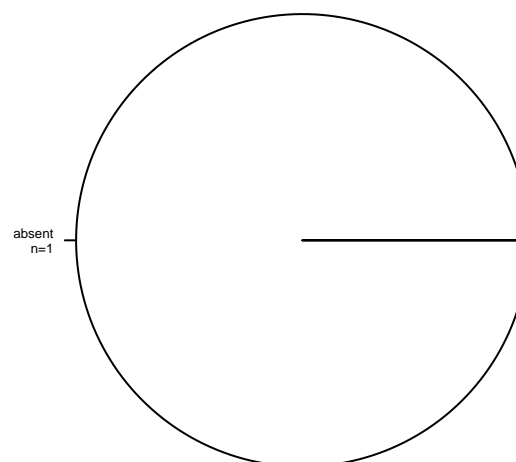


absent absent | n=1



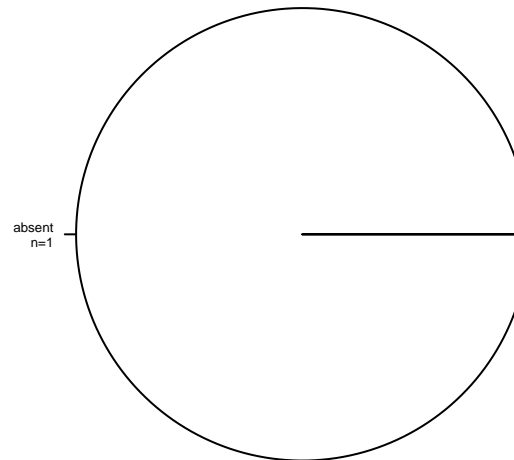
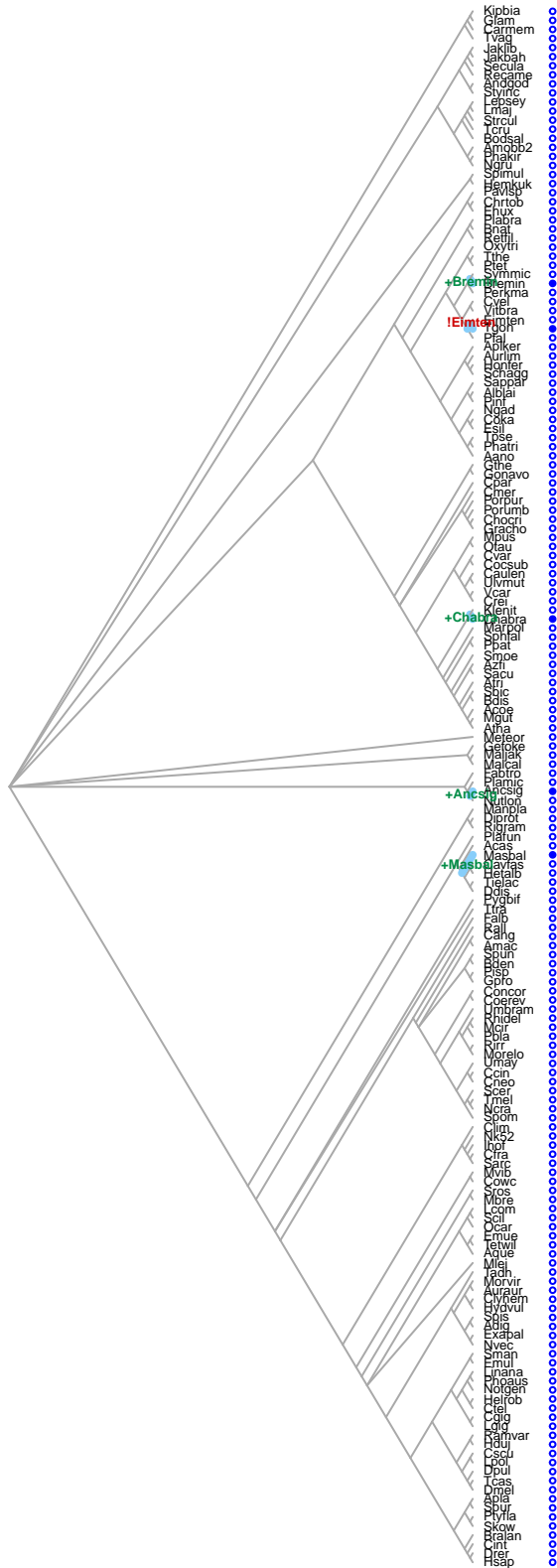
Gain: Aano,Haptista,NA  
Presence Eukaryota prob = 0.00  
Present: 4  
Losses: NA

Gain: Manpla,Aano,Ehux,NA  
Presence Eukaryota prob = 0.04  
Present: 3  
Losses: NA

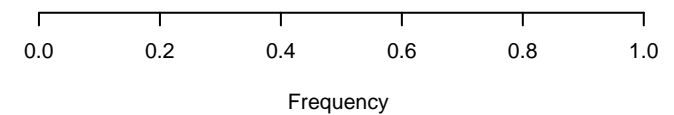


Frequency

SNF2\_N.HG7.4  
like:RAD54B/RAD54L

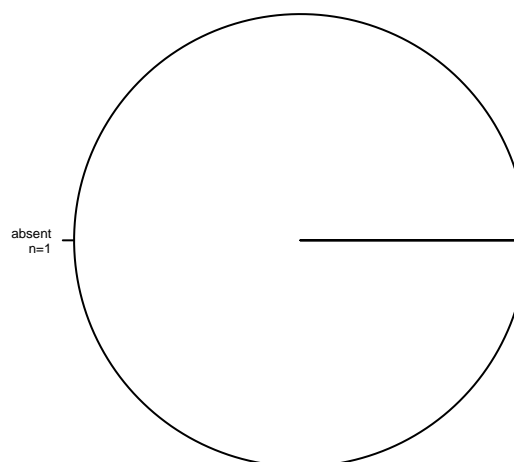


absent absent | n=1

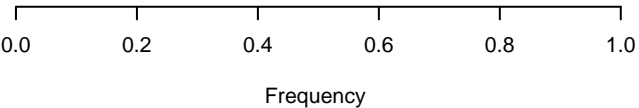
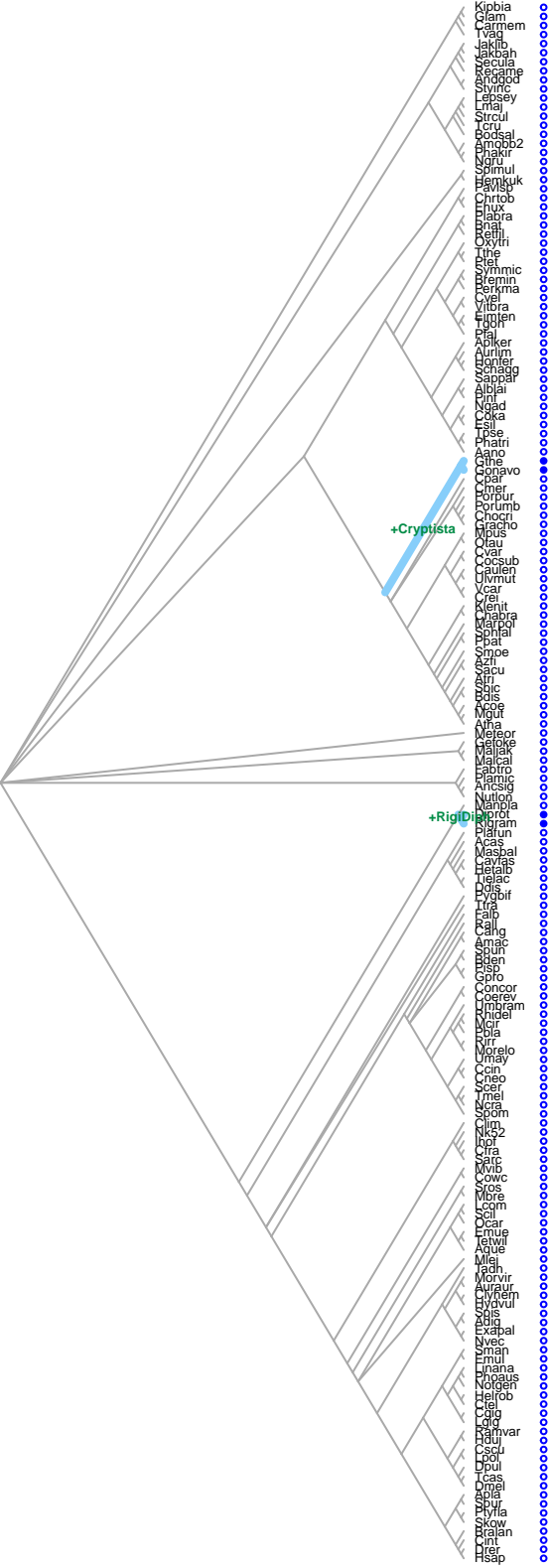


Gain: Masbal,Ancsig,Chabra,Bremin,NA  
Presence Eukaryota prob = 0.00  
Present: 5  
Losses: NA

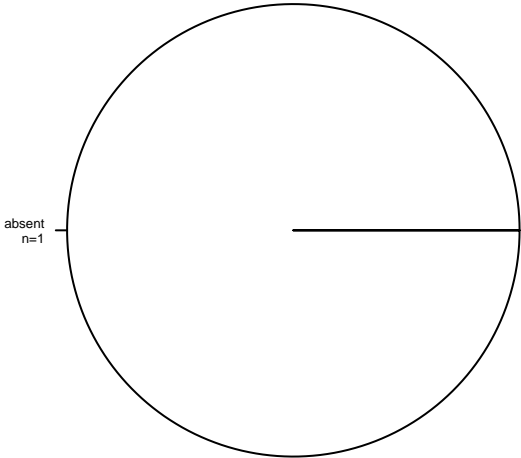
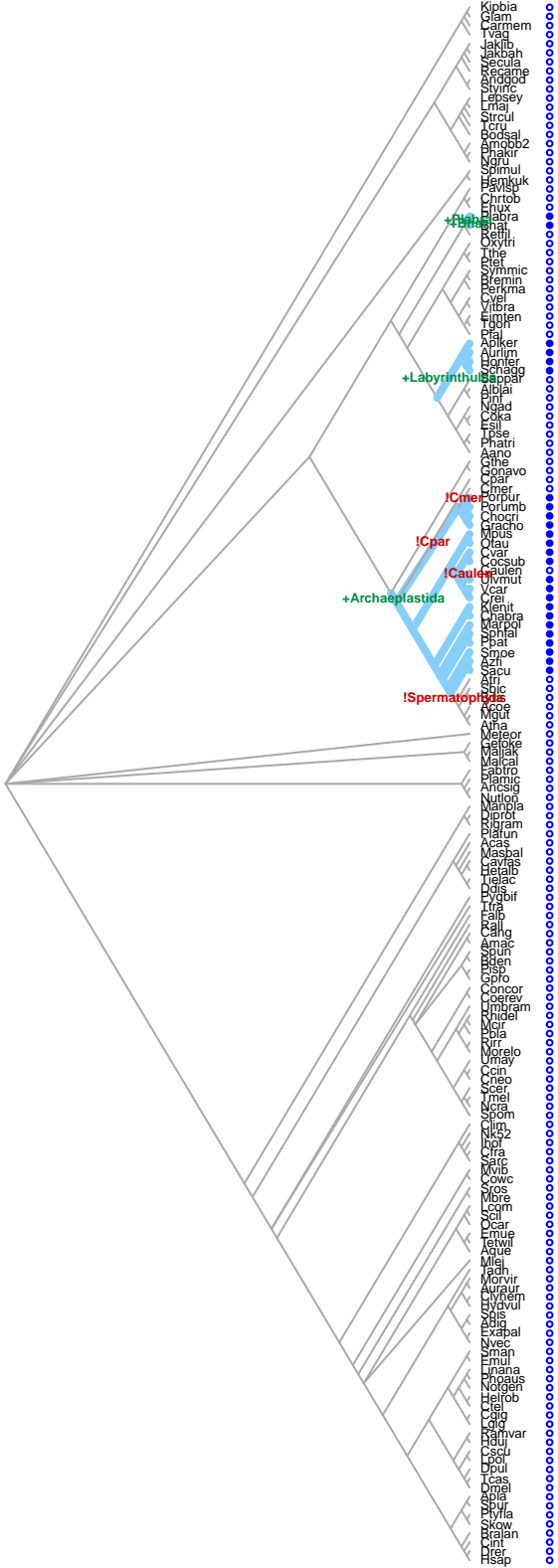
Gain: Ochrophyta,NA  
Presence Eukaryota prob = 0.00  
Present: 5  
Losses: NA



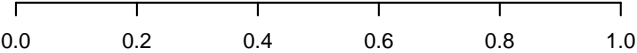
Frequency



Gain: RigiDiph,Cryptista,NA  
Presence Eukaryota prob = 0.22  
Present: 4  
Losses: NA



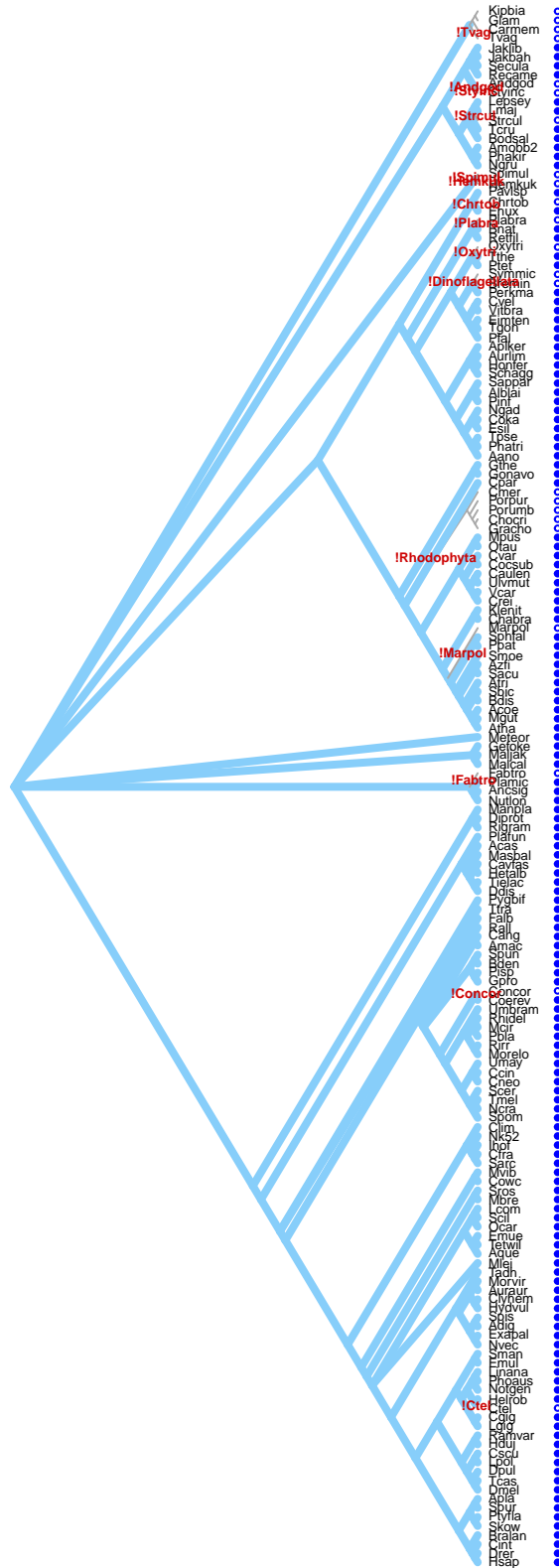
absent absent | n=1



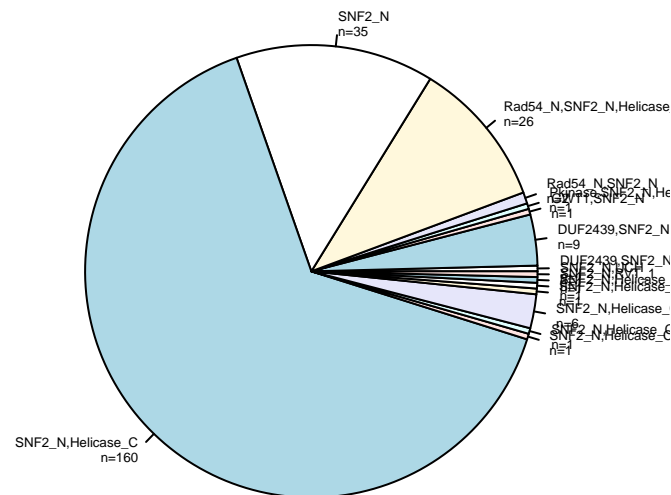
Gain: Archaeplastida,Labyrinthulea,Bnat,Plabra,NA  
Presence Eukaryota prob = 0.01  
Present: 25  
Losses: NA

Frequency

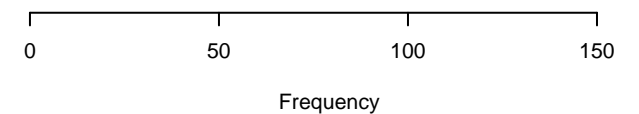
SNF2\_N.HG7.8  
RAD54B/RAD54L

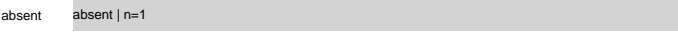
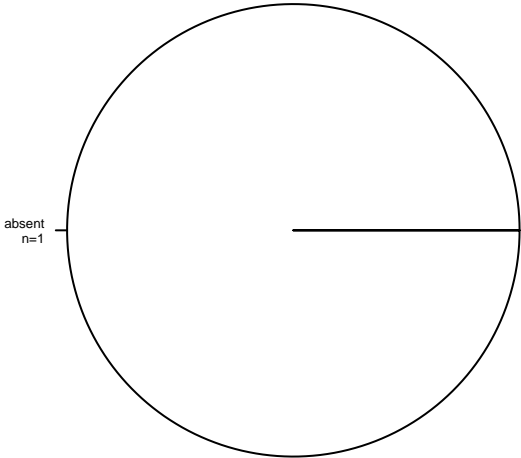
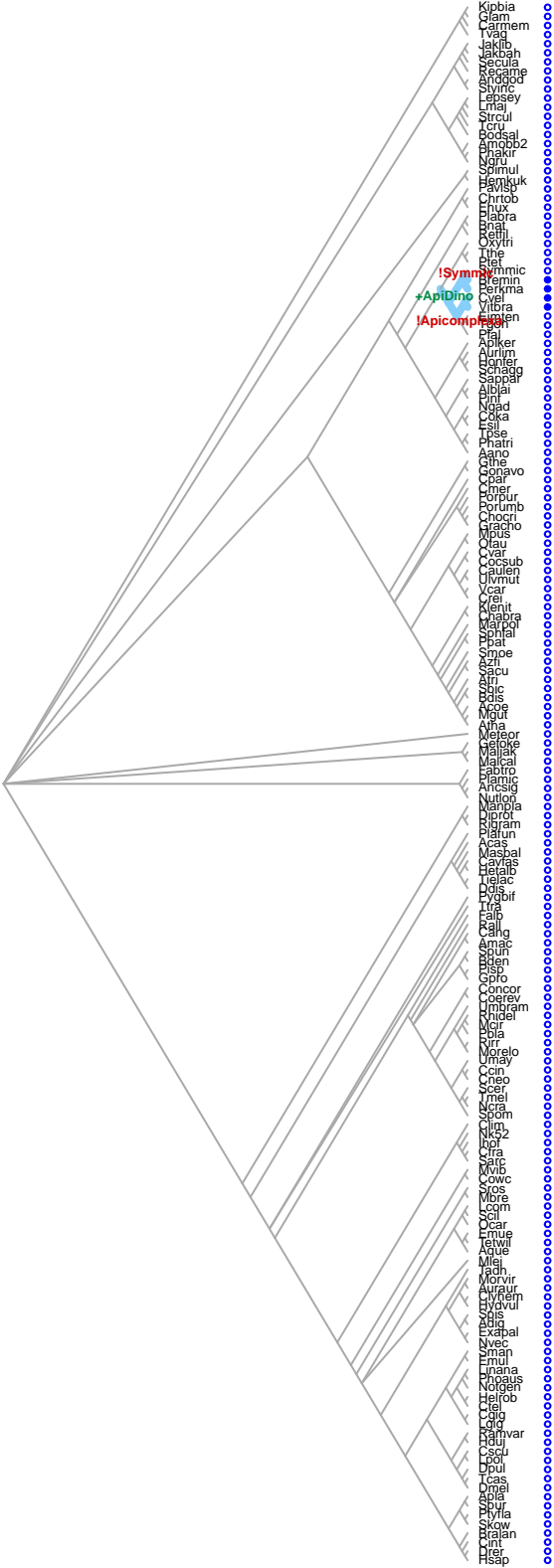


Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 149  
Losses: NA

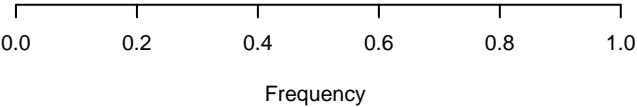


SNF2_N,UCH	SNF2_N,UCH   n=1
SNF2_N,RVT_1	SNF2_N,RVT_1   n=1
SNF2_N,Helicase_C,zf-RING_2	SNF2_N,Helicase_C,zf-RING_2   n=1
SNF2_N,Helicase_C,Thioredoxin,ERp29	SNF2_N,Helicase_C,Thioredoxin,ERp29   n=1
SNF2_N,Helicase_C,Med26	SNF2_N,Helicase_C,Med26   n=6
SNF2_N,Helicase_C,DOT1,HLH,Hairy_orange	SNF2_N,Helicase_C,DOT1,HLH,Hairy_orange   n=1
SNF2_N,Helicase_C,Bromodomain	SNF2_N,Helicase_C,Bromodomain   n=1
SNF2_N,Helicase_C	SNF2_N,Helicase_C   n=160
SNF2_N	SNF2_N   n=35
Rad54_N,SNF2_N,Helicase_C	Rad54_N,SNF2_N,Helicase_C   n=26
Rad54_N,SNF2_N	Rad54_N,SNF2_N   n=2
Pkinase,SNF2_N,Helicase_C	Pkinase,SNF2_N,Helicase_C   n=1
GWT1,SNF2_N	GWT1,SNF2_N   n=1
DUF2439,SNF2_N,Helicase_C	DUF2439,SNF2_N,Helicase_C   n=9
DUF2439,SNF2_N	DUF2439,SNF2_N   n=1



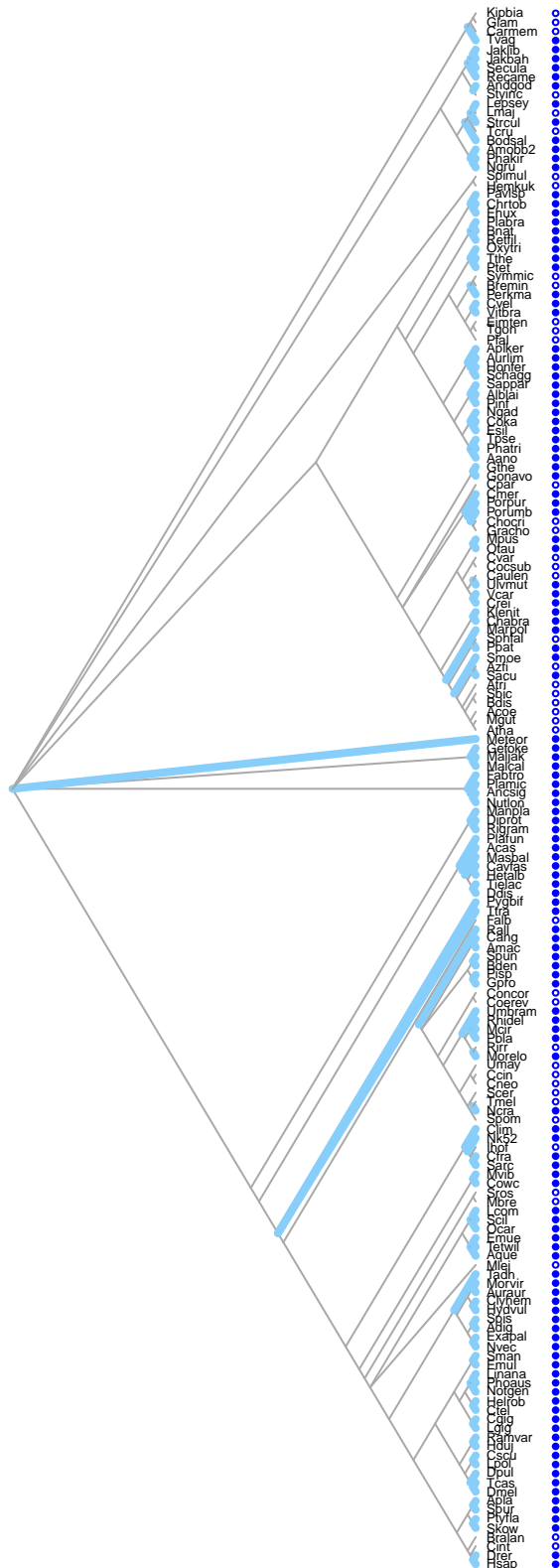


Gain: ApiDino,NA  
Presence Eukaryota prob = 0.00  
Present: 4  
Losses: NA

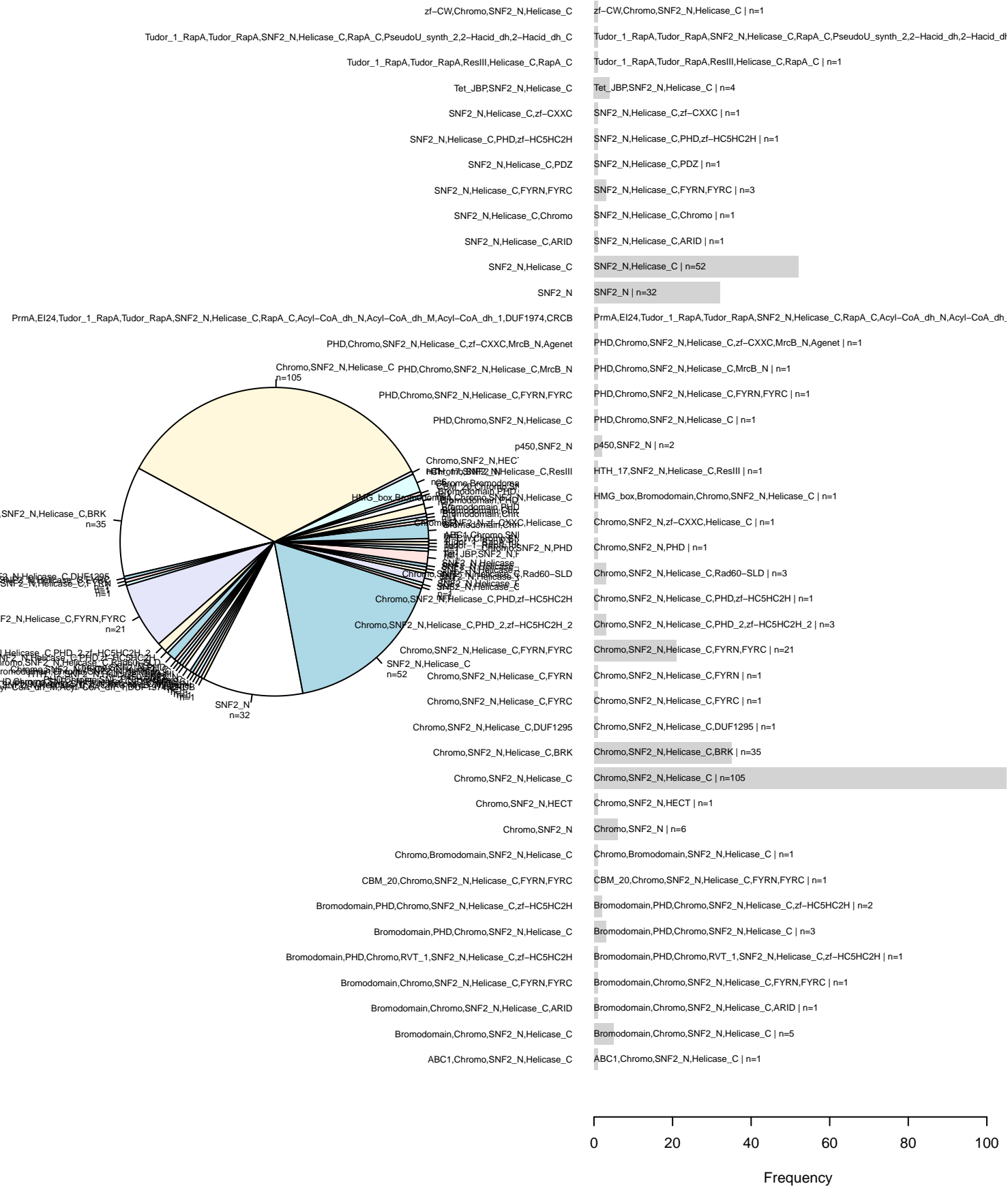


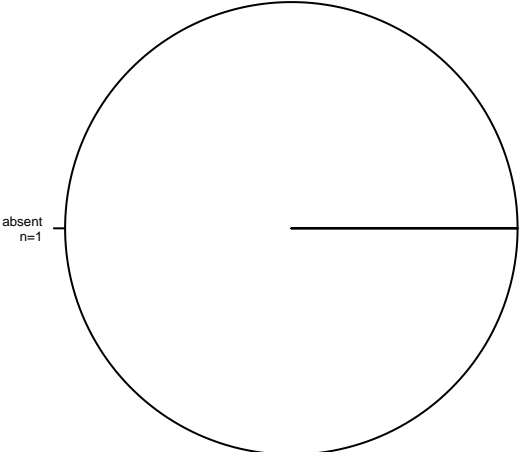
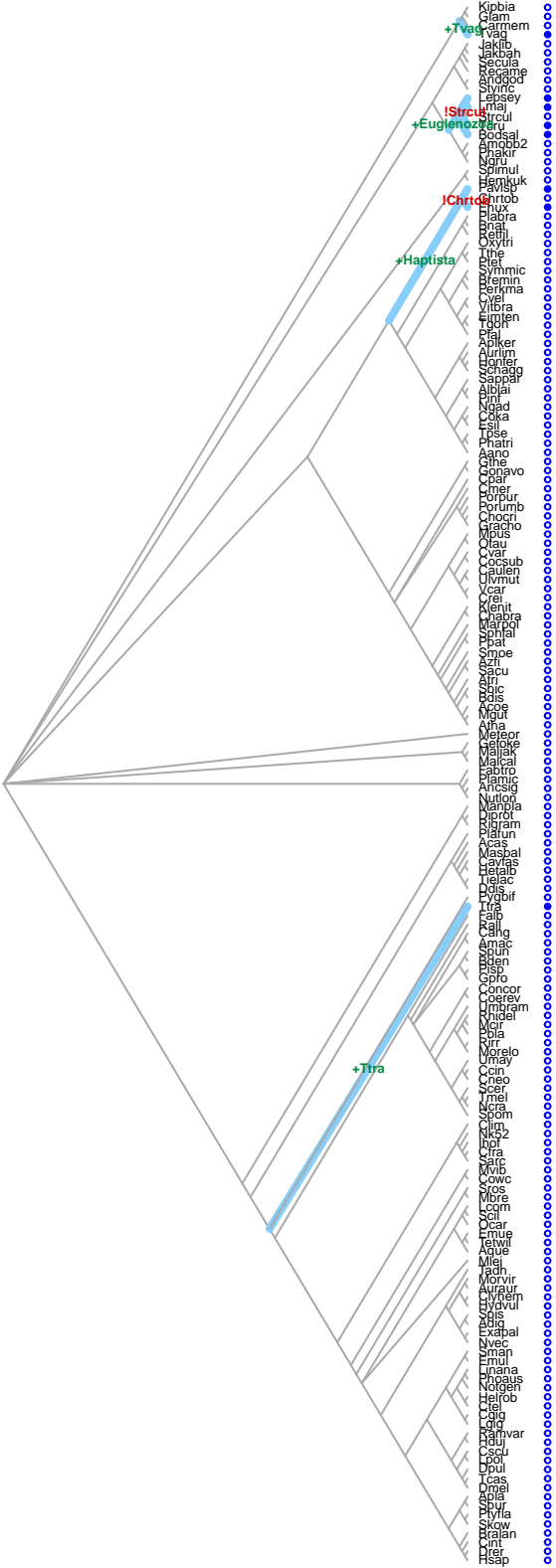


SNF2\_N.HG8.1  
CHD6/CHD7/CHD8/CHD9

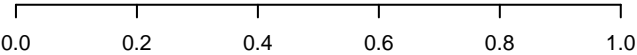


NA,NA  
Presence Eukaryota prob = NaN  
Present: 129  
Losses: NA





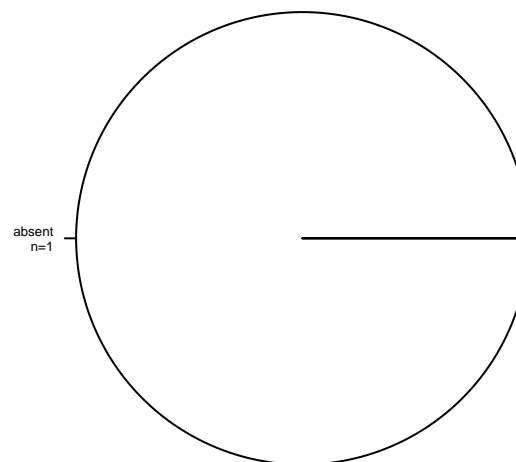
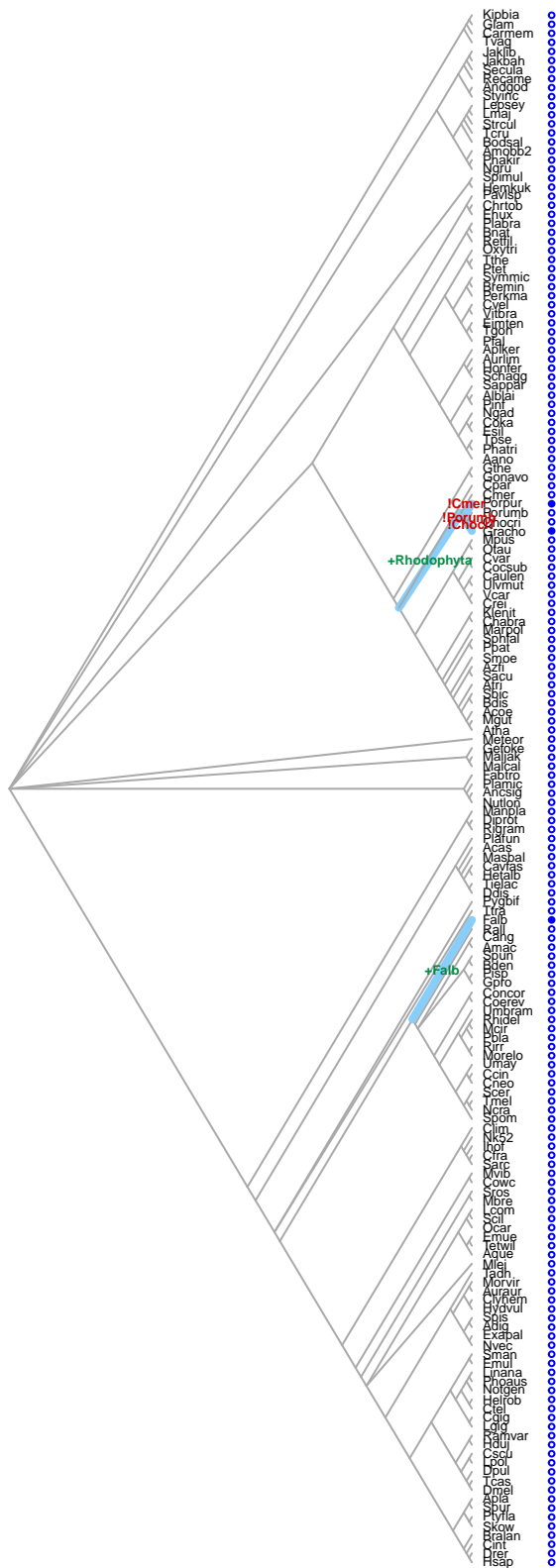
absent absent | n=1



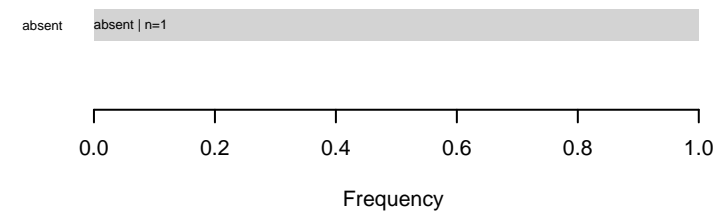
Gain: Ttra,Haptista,Euglenozoa,Tvag,NA  
Presence Eukaryota prob = 0.00  
Present: 8  
Losses: NA

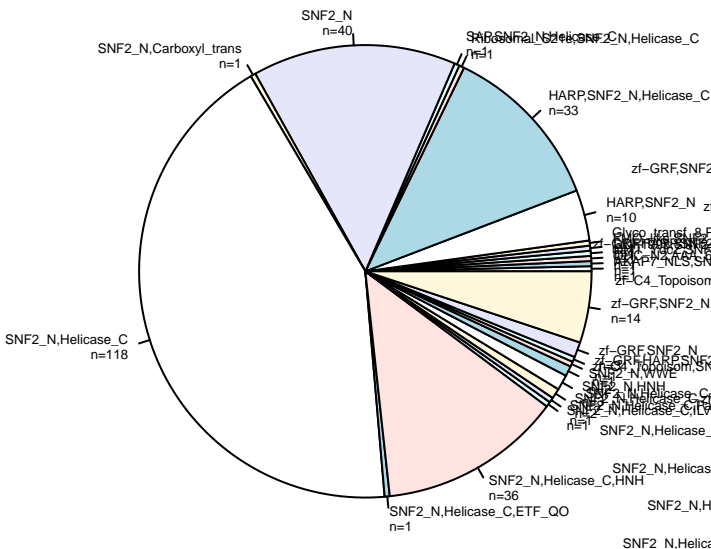
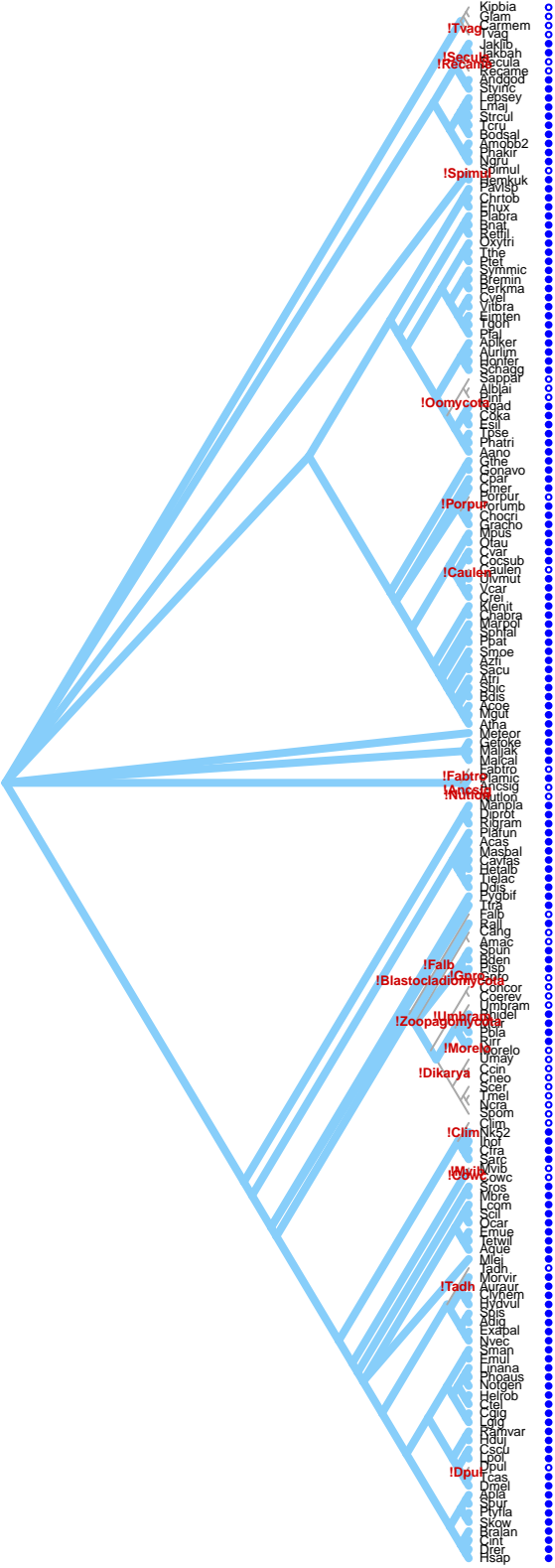
Frequency

SNF2\_N.HG9.1  
like:SMARCA1/ZRANB3



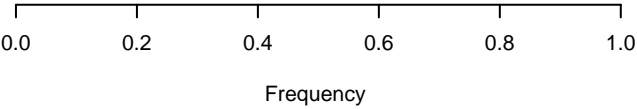
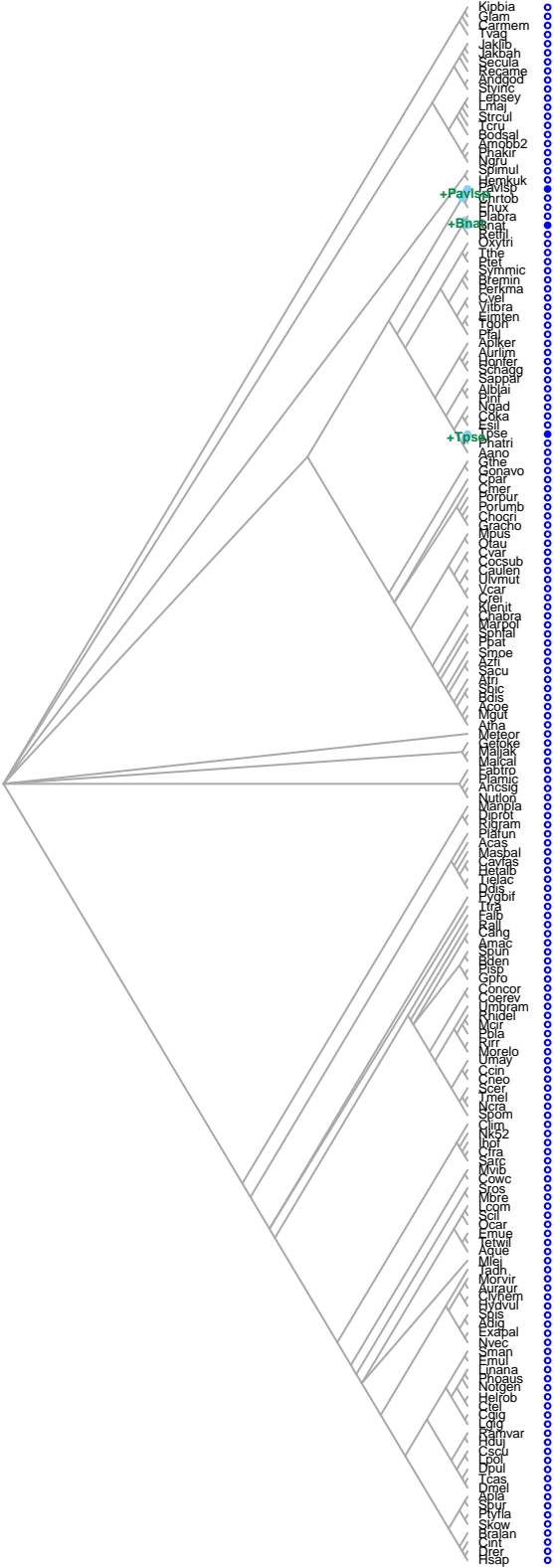
Gain: Falb,Rhodophyta,NA  
Presence Eukaryota prob = 0.00  
Present: 3  
Losses: NA





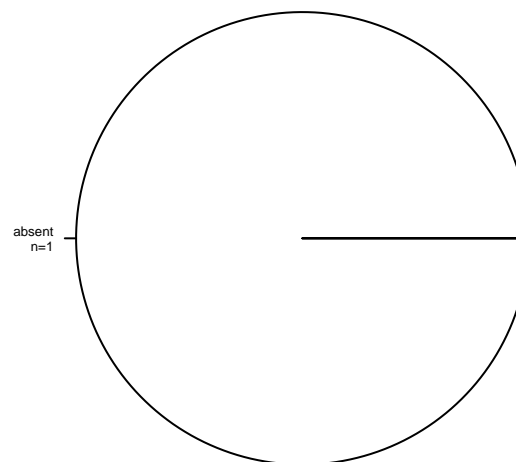
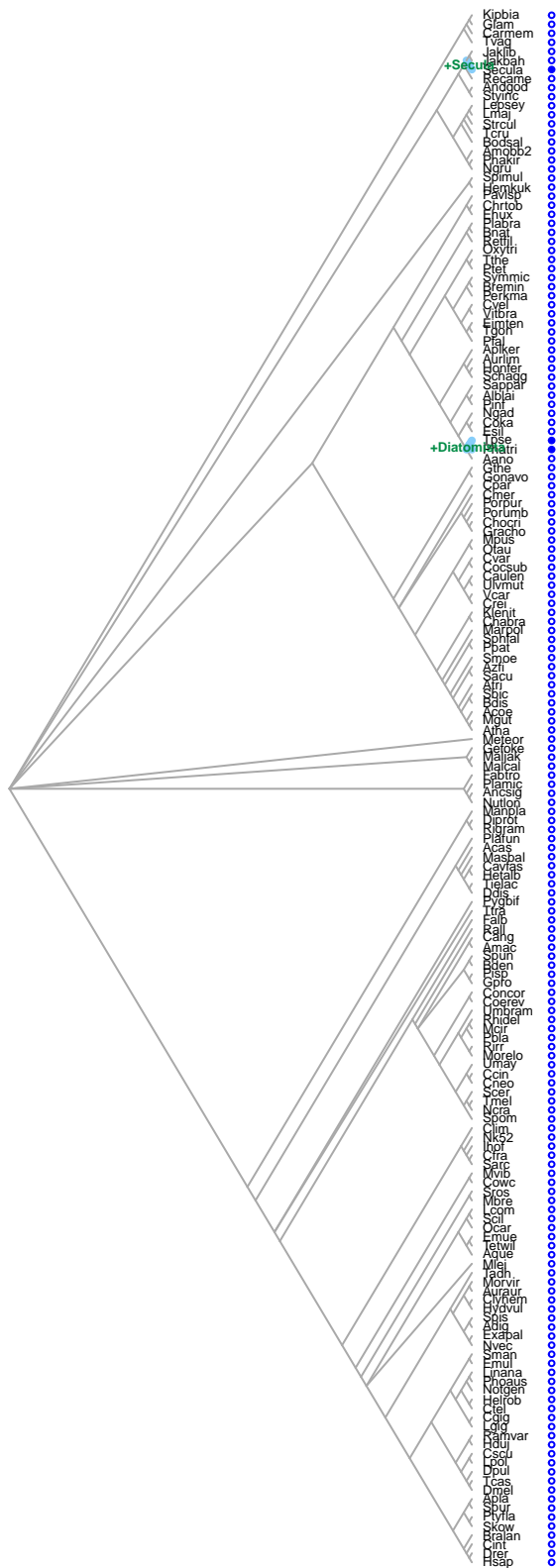
Gain: NA  
Presence Eukaryota prob = 1.00  
Present: 137  
Losses: NA

0 20 40 60 80 100  
Frequency



Gain: Tpse,Bnat,Pavisp,NA  
Presence Eukaryota prob = 0.02  
Present: 3  
Losses: NA

SNF2\_N.HG9.4  
like:SMARCA1/ZRANB3



Gain: Diatomista,Secula,NA  
Presence Eukaryota prob = 0.00  
Present: 3  
Losses: NA

