Hist_deacetyl.HG1.0
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
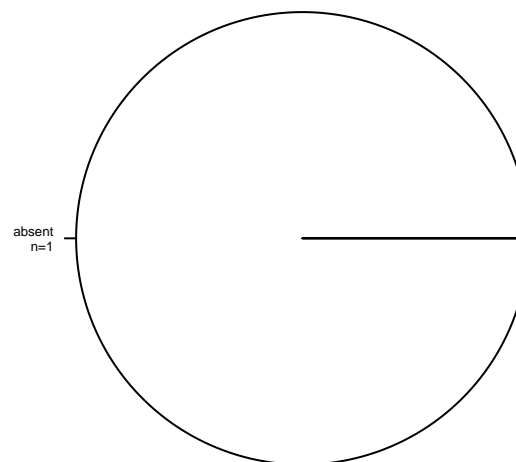
Gain: Mvib,Clim,Masbal,Diprot,Nutlon,Gonavo,Ochrophyta,NA
Presence Eukaryota prob = 0.23
Present: 12
Losses: NA

Frequency

Hist_deacetyl.HG1.1
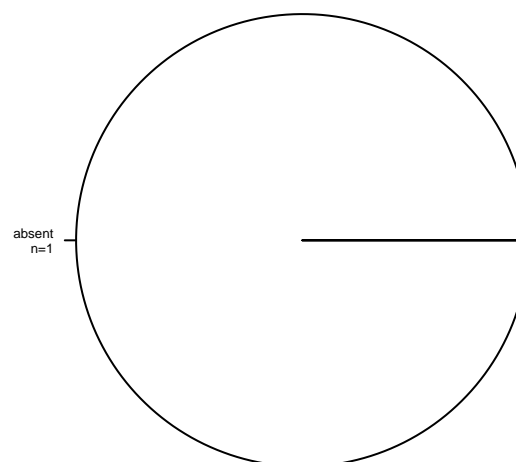**like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10**

+Bnat

+Amoebozoa

Gain: Amoebozoa,Bnat,NA
Presence Eukaryota prob = 0.01
Present: 8
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.10
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
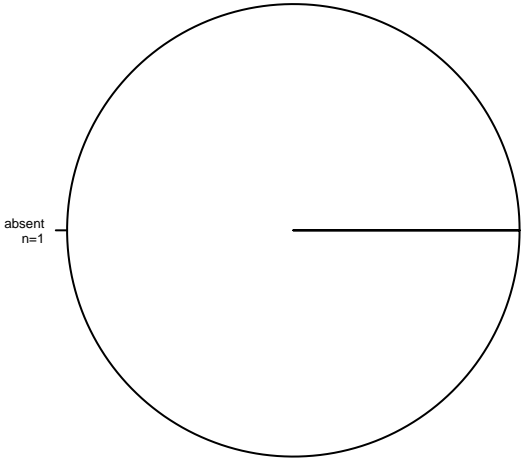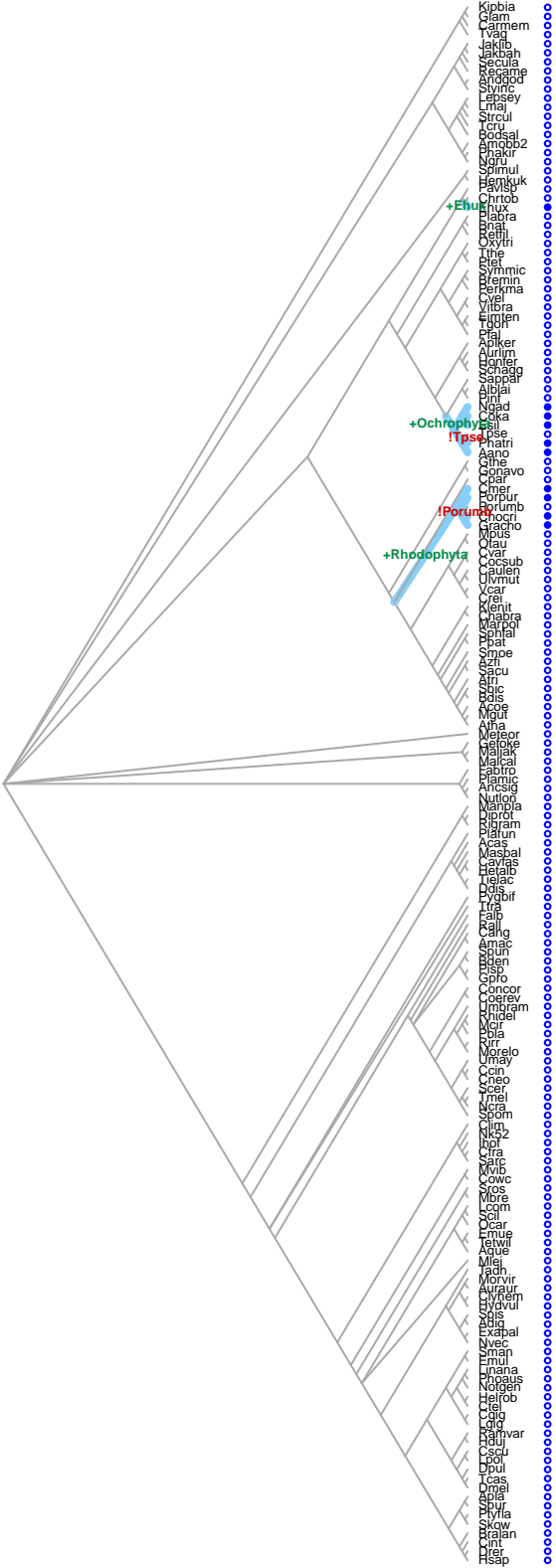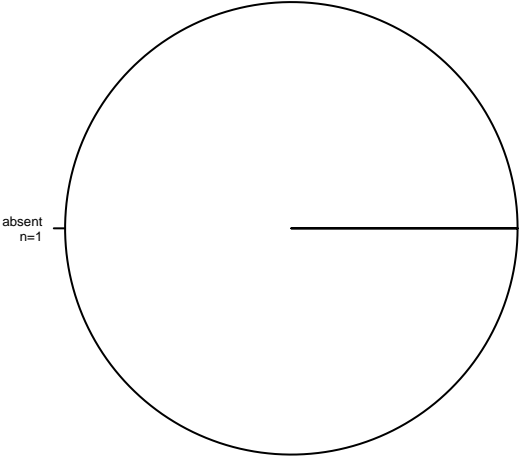
Gain: Rhodophyta,Ochrophyta,Ehux,NA
Presence Eukaryota prob = 0.09
Present: 10
Losses: NA

Frequency

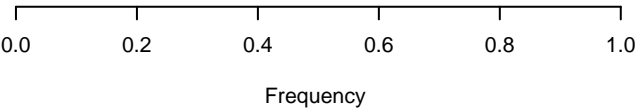**Hist_deacetyl.HG1.11**
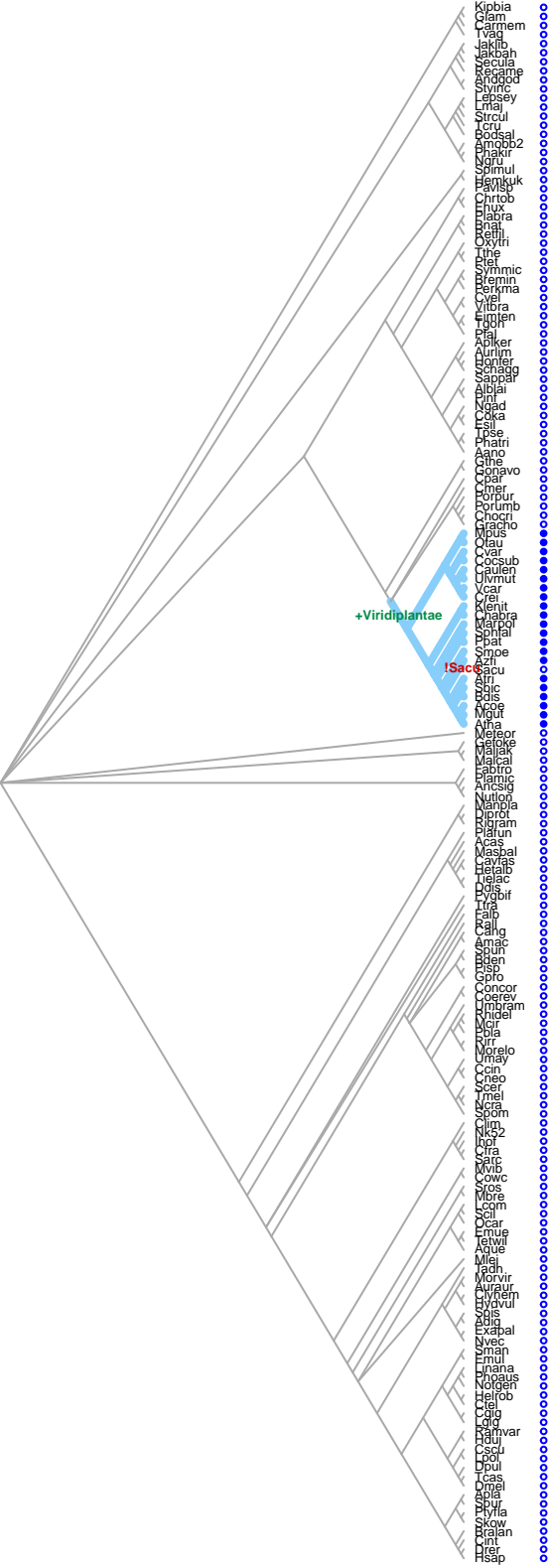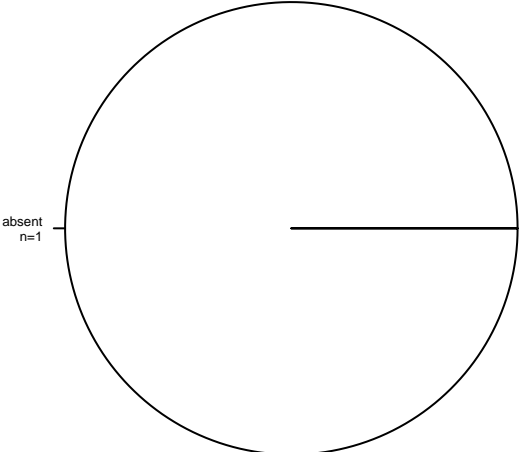**like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10**

+Viridiplantae

!Sacs

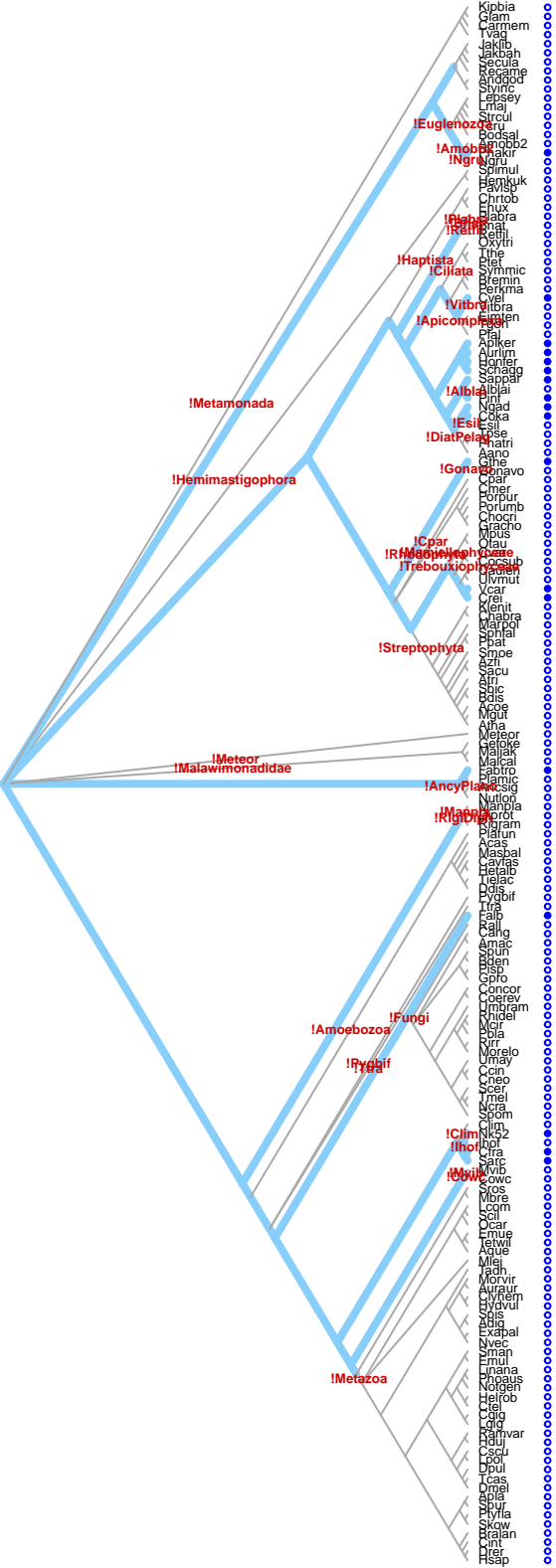Gain: Viridiplantae,NA
Presence Eukaryota prob = 0.00
Present: 21
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.12
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
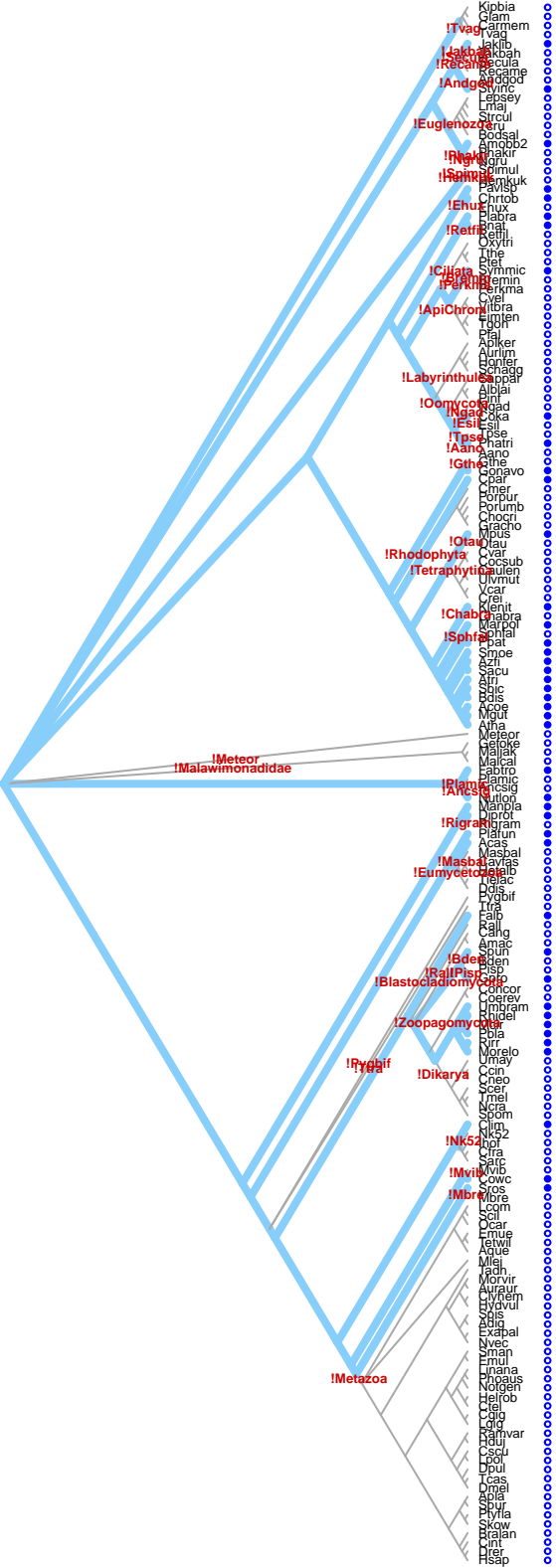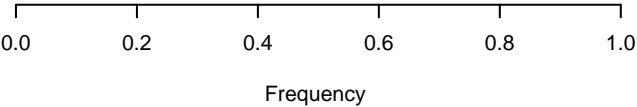
Gain: NA
Presence Eukaryota prob = 1.00
Present: 43
Losses: NA

absent
n=1

absent | n=1

Frequency

Hist_deacetyl.HG1.13
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
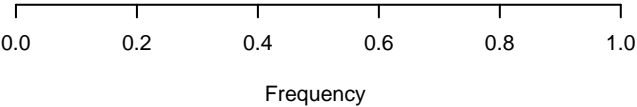
Gain: NA
Presence Eukaryota prob = 1.00
Present: 18
Losses: NA

absent
n=1

absent | n=1

Frequency

Hist_deacetyl.HG1.14
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
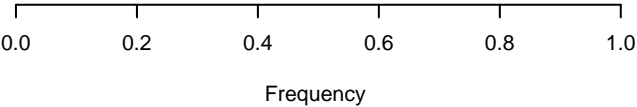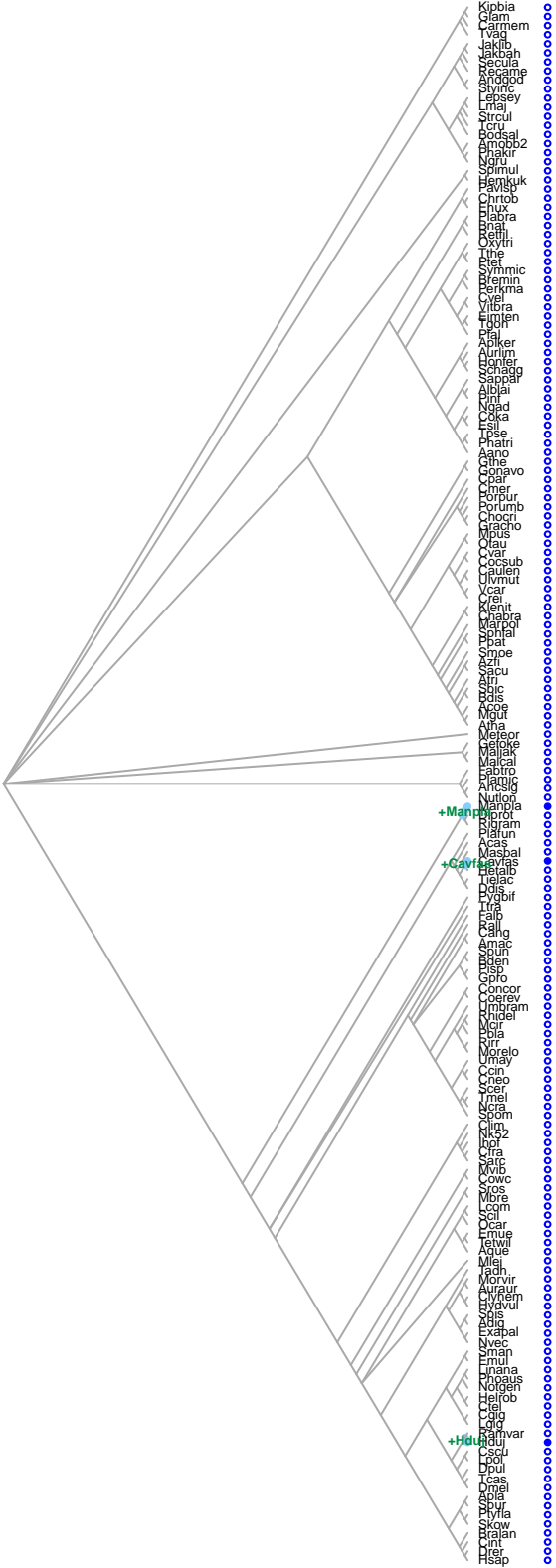
Gain: Hduj,Cavfas,Manpla,NA
Presence Eukaryota prob = 0.02
Present: 3
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.15
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10

Gain: Mbre,ApiDino,Ehux,NA
Presence Eukaryota prob = 0.01
Present: 5
Losses: NA

absent | n=1

Frequency

Hist_deacetyl.HG1.16
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
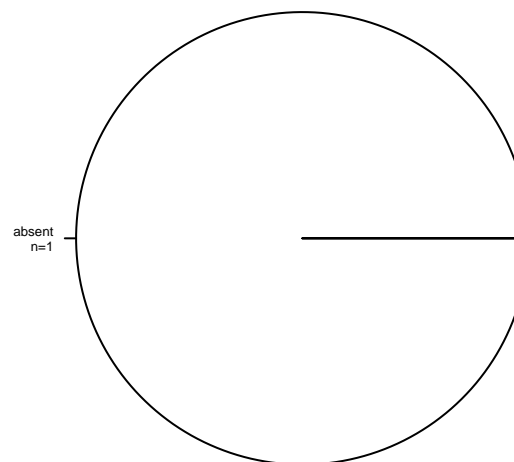
Gain: Ihof,ApiDino,Retfil,Pavlsp,Euglenozoa,NA
Presence Eukaryota prob = 0.00
Present: 15
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.17
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
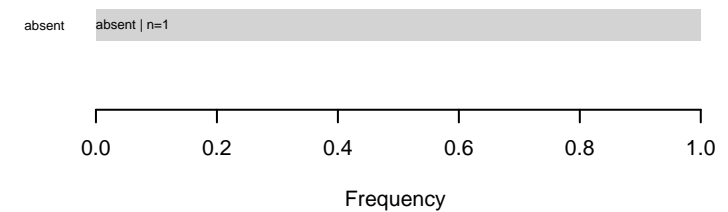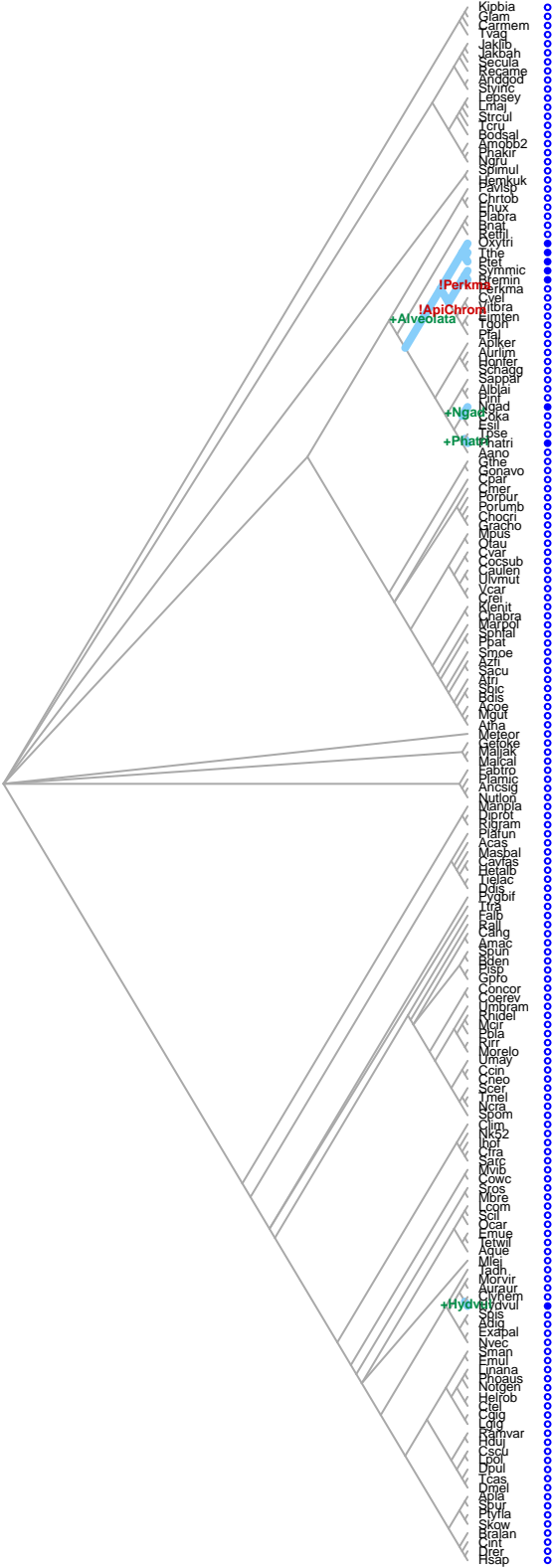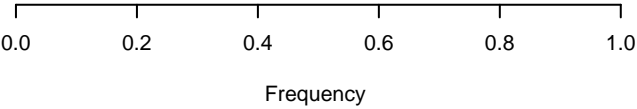
Gain: Hydvul,Phatri,Ngad,Alveolata,NA
Presence Eukaryota prob = 0.00
Present: 8
Losses: NA

absent
n=1

absent | n=1

Frequency

Hist_deacetyl.HG1.18
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10

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

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.19
HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
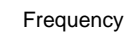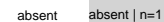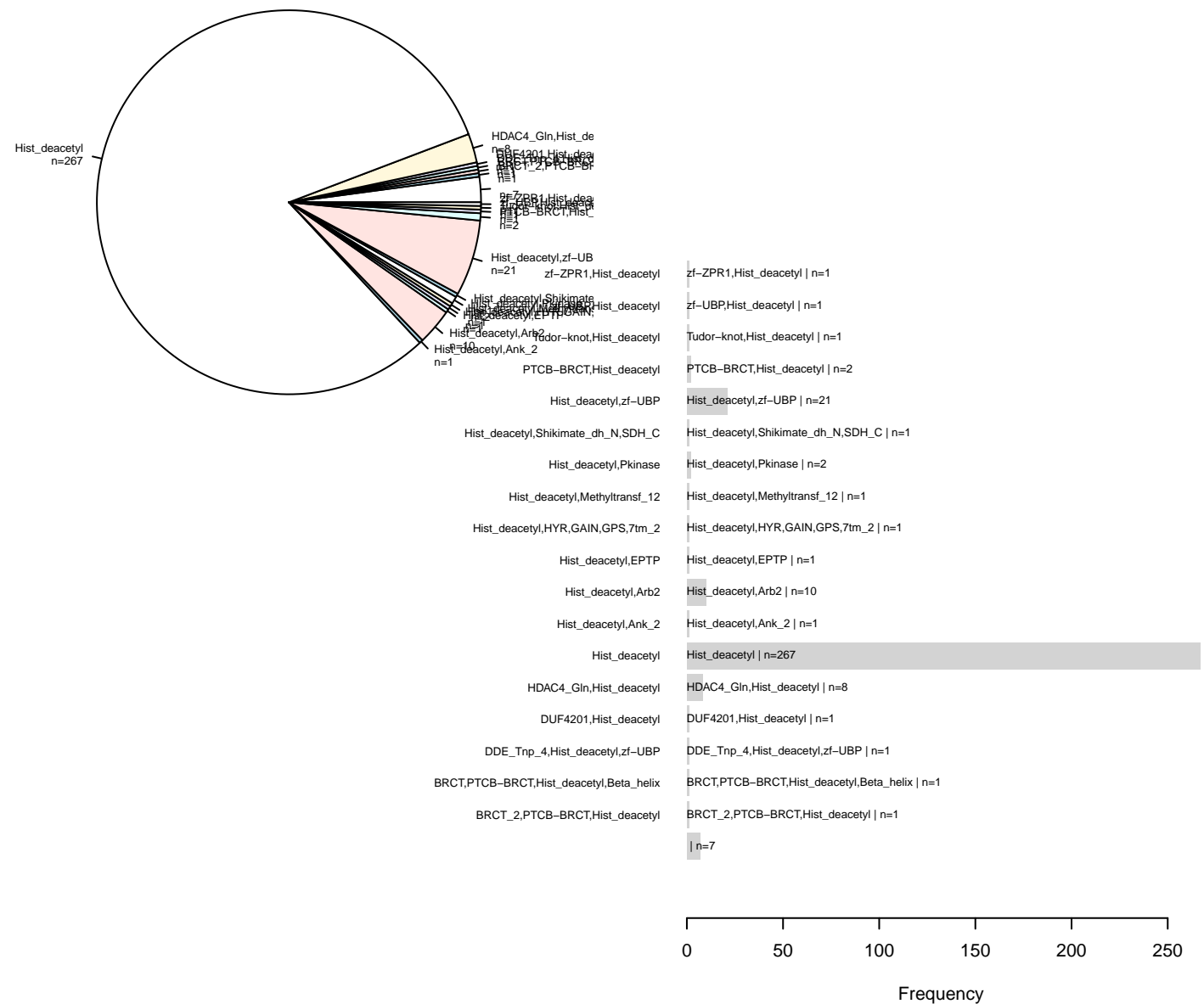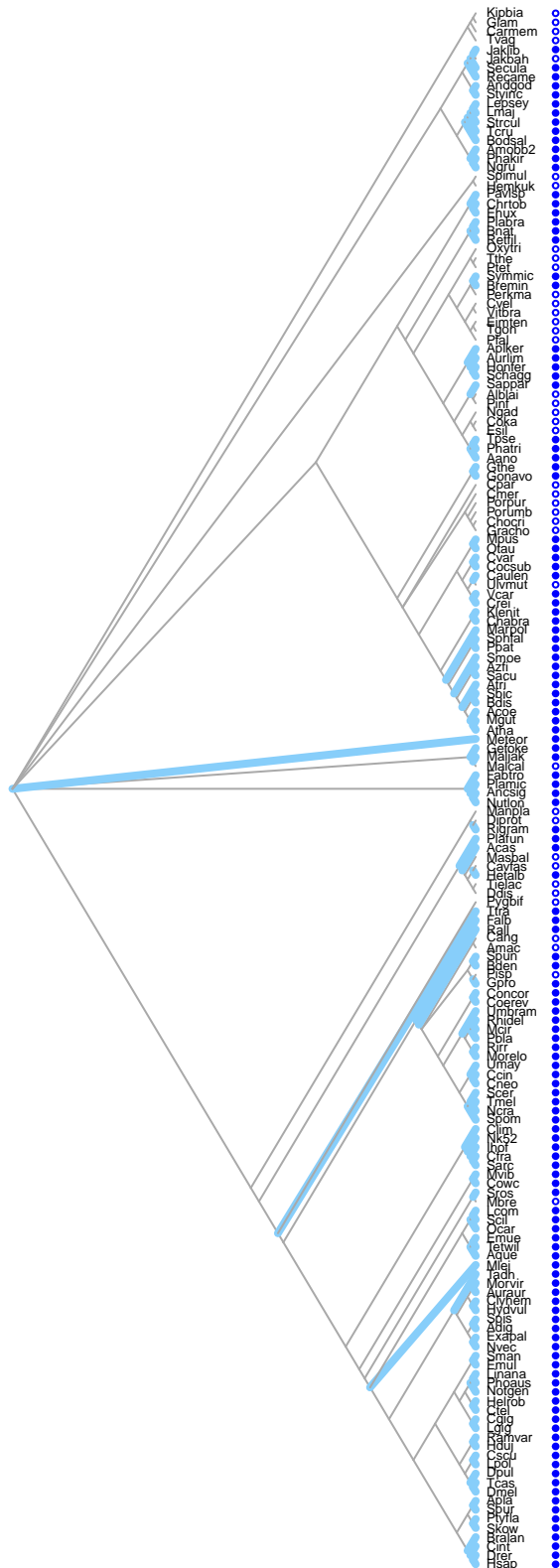
NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA

Presence Eukaryota prob = NaN
Present: 132
Losses: NA

zf-ZPR1,Hist_deacetyl | n=1
zf-UBP,Hist_deacetyl | n=1
Tudor-knot,Hist_deacetyl | n=1
PTCB-BRCT,Hist_deacetyl | n=2
Hist_deacetyl,zf-UBP | n=21
Hist_deacetyl,Shikimate_dh_N,SDH_C | n=1
Hist_deacetyl,Pkinase | n=2
Hist_deacetyl,Methyltransf_12 | n=1
Hist_deacetyl,HYR,GAIN,GPS,7tm_2 | n=1
Hist_deacetyl,EPTP | n=1
Hist_deacetyl,Arb2 | n=10
Hist_deacetyl,Ank_2 | n=1
Hist_deacetyl | n=267
HDAC4_Gln,Hist_deacetyl | n=8
DUF4201,Hist_deacetyl | n=1
DDE_Tnp_4,Hist_deacetyl,zf-UBP | n=1
BRCT,PTCB-BRCT,Hist_deacetyl,Beta_helix | n=1
BRCT_2,PTCB-BRCT,Hist_deacetyl | n=1
| n=7

Frequency

Hist_deacetyl.HG1.2
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10

Gain: NA
Presence Eukaryota prob = 0.58
Present: 4
Losses: NA

absent   absent | n=1

Frequency

0.0   0.2   0.4   0.6   0.8   1.0

Hist_deacetyl.HG1.3
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
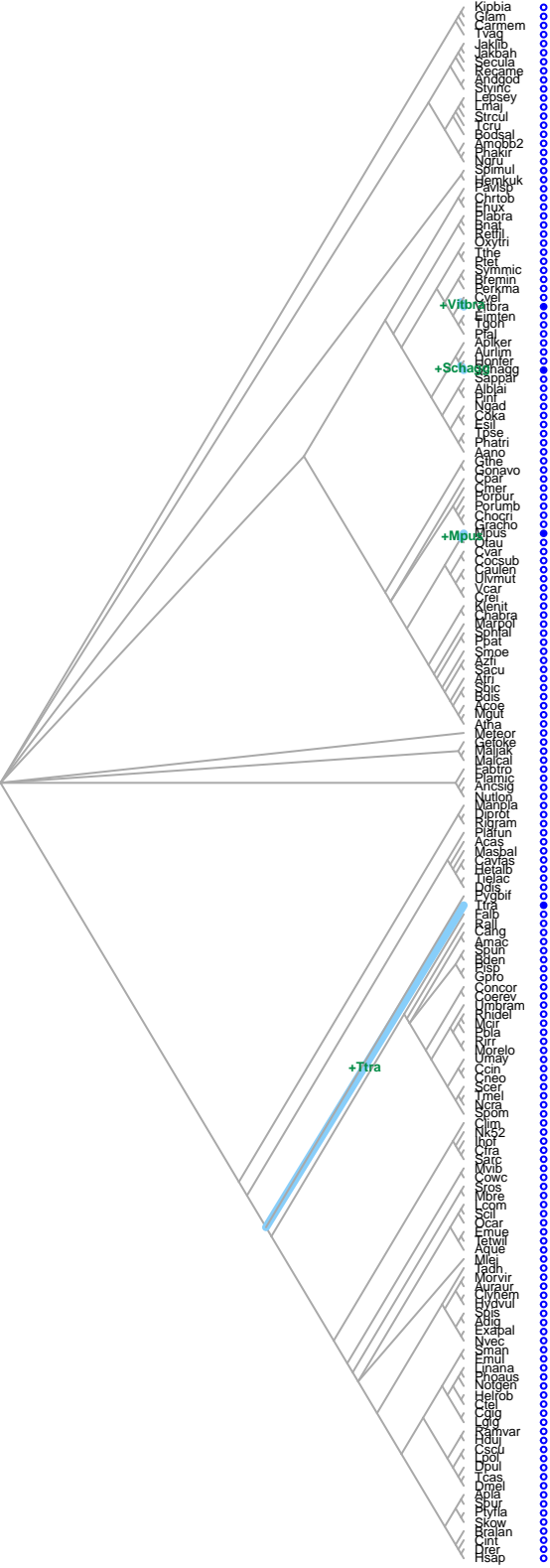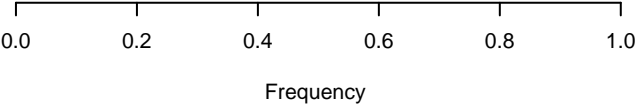
Gain: Mvib,Spun,Ancyromonadida,Diaphoratickes,NA
Presence Eukaryota prob = 0.26
Present: 38
Losses: NA

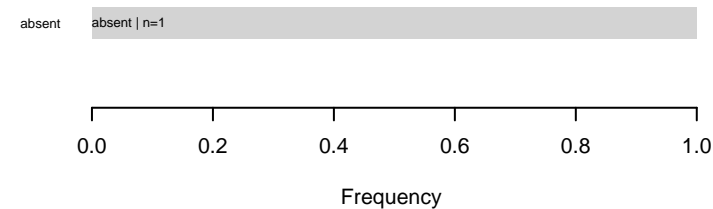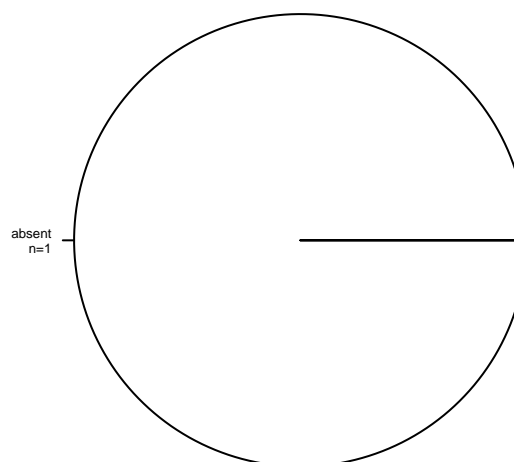**Hist_deacetyl.HG1.4**
**like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10**
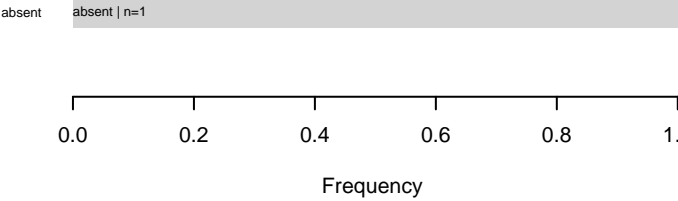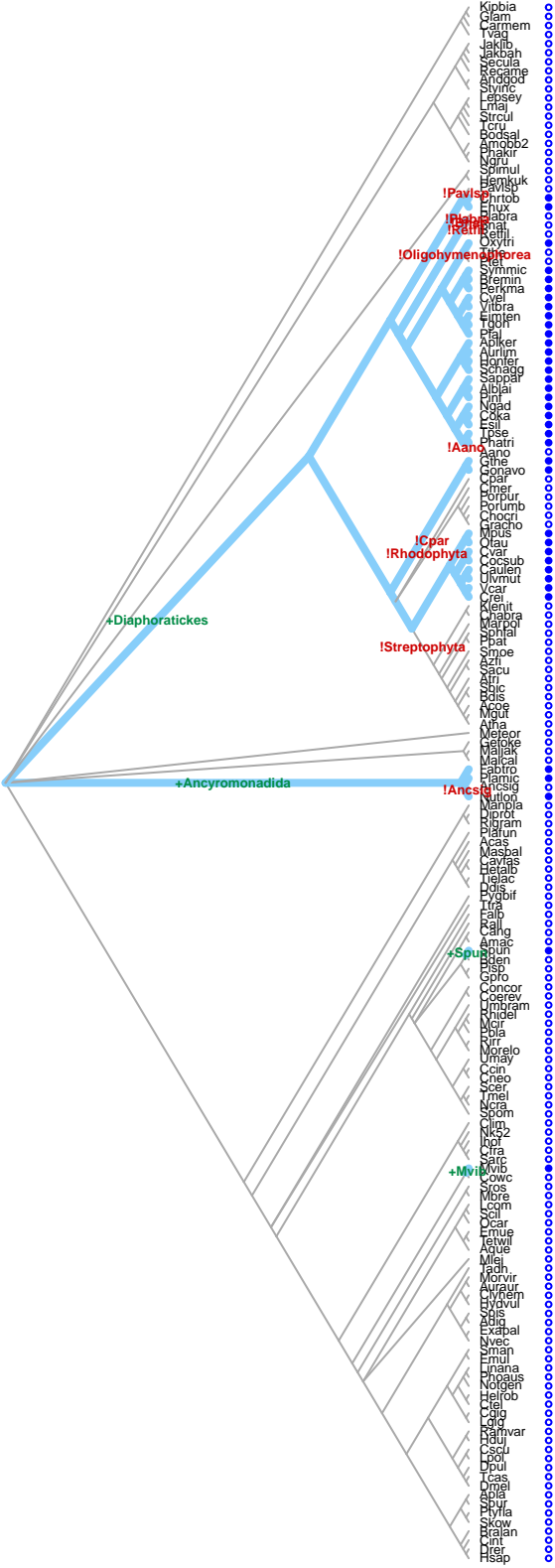
Gain: Ttra,Mpus,Schagg,Vitbra,NA
Presence Eukaryota prob = 0.00
Present: 4
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.5
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10

+Diaphoratickes

!Pavlsp
!Plabra
!Retfa
!Ciliata

!PhytAlb
!Ngad
!Aano

!Cpar
!Rhodophyta
!Tetraphytina

!Streptophyta

absent
n=1

absent   absent | n=1

Gain: Diaphoratickes,NA
Presence Eukaryota prob = 0.46
Present: 16
Losses: NA

0.0   0.2   0.4   0.6   0.8   1.0
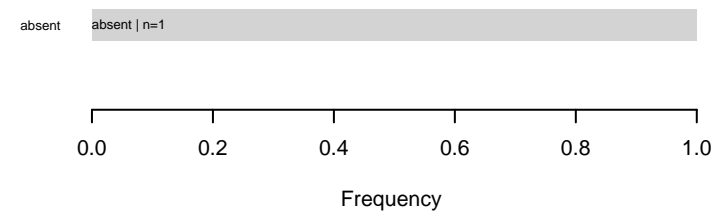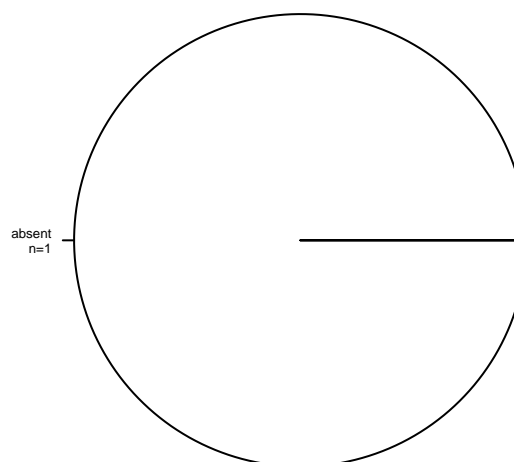
Frequency

Hist_deacetyl.HG1.6
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
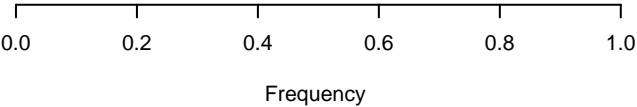
Gain: NA
Presence Eukaryota prob = 0.62
Present: 5
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.7
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10

+Falb

+Dikarya

!Spom
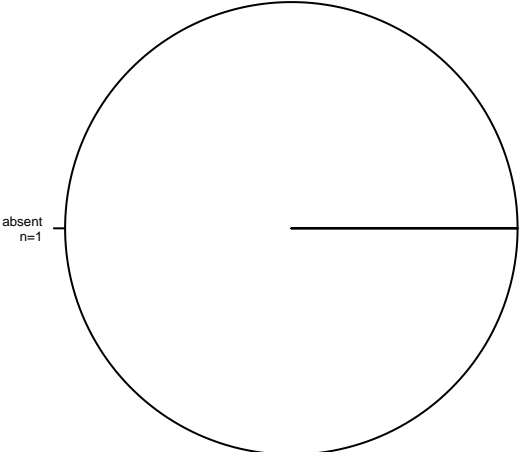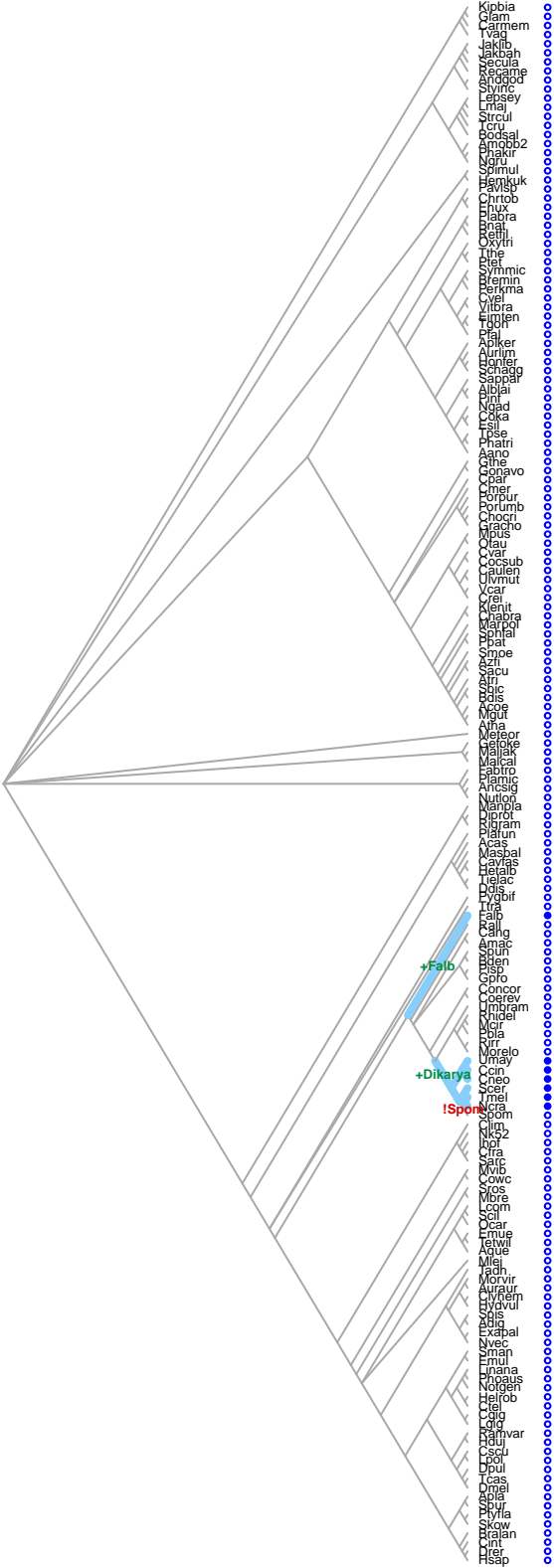
absent
n=1

Gain: Dikarya,Falb,NA
Presence Eukaryota prob = 0.00
Present: 7
Losses: NA

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG1.8
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10

!Thraustochytrium
!Oomycota
!Diatomeda

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency
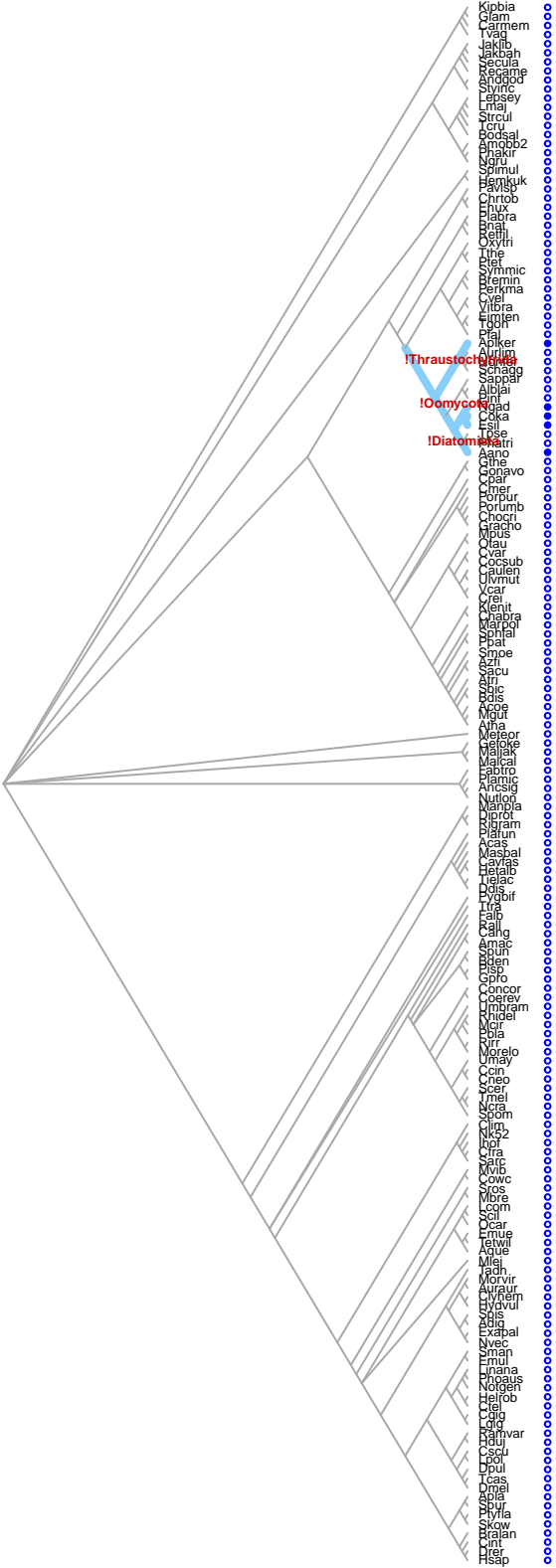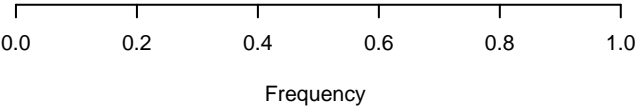
Gain: NA
Presence Eukaryota prob = 0.04
Present: 5
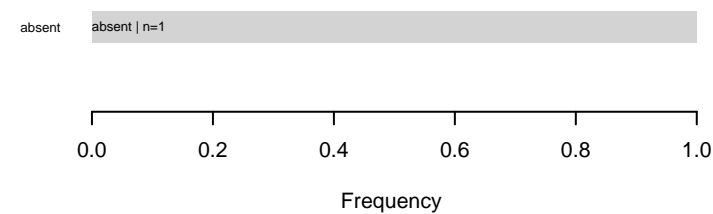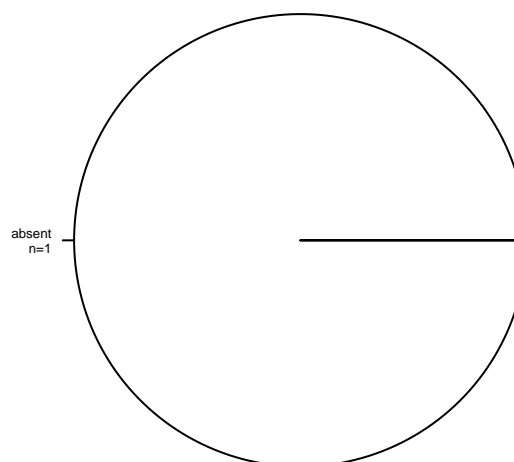Losses: NA

Hist_deacetyl.HG1.9
like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10
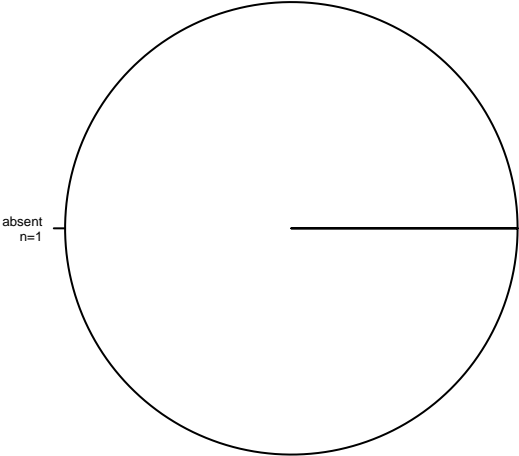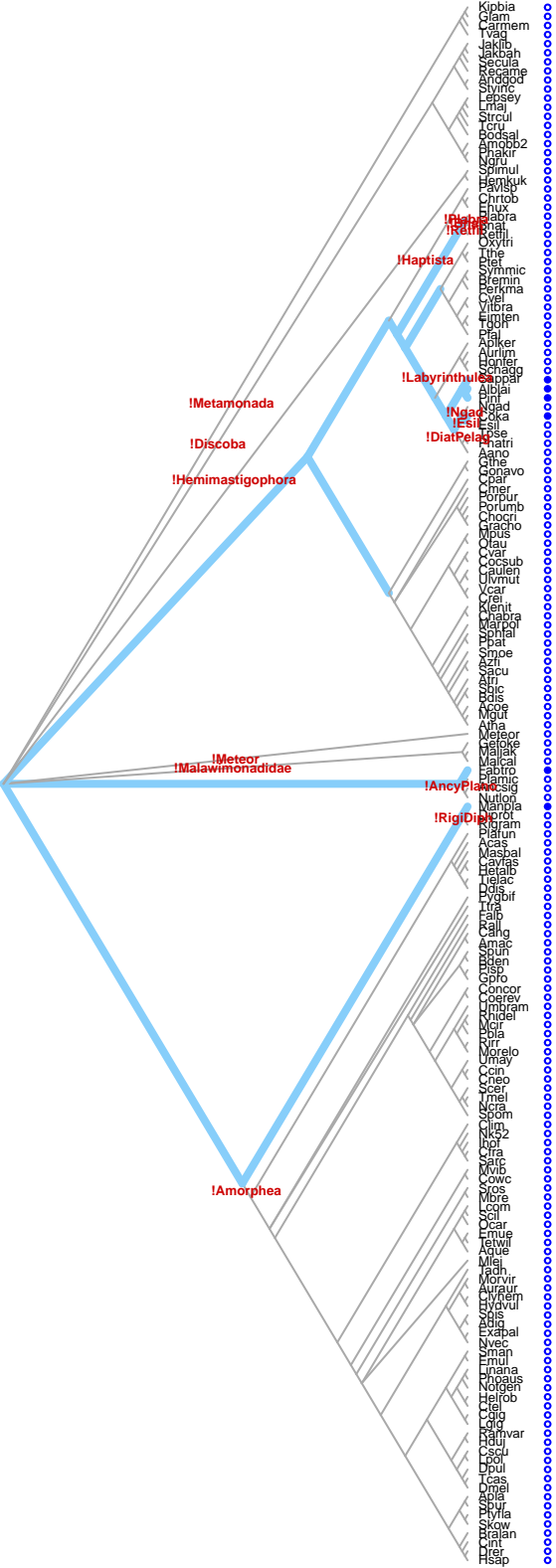
Gain: NA
Presence Eukaryota prob = 0.99
Present: 6
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG2.0
AL133500.1/HDAC8

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

Hist_deacetyl
n=103

PHD,zf–HC5HC2H...
Hist_deacetyl,Ebp2
Hist_deacetyl,CITE
n=1
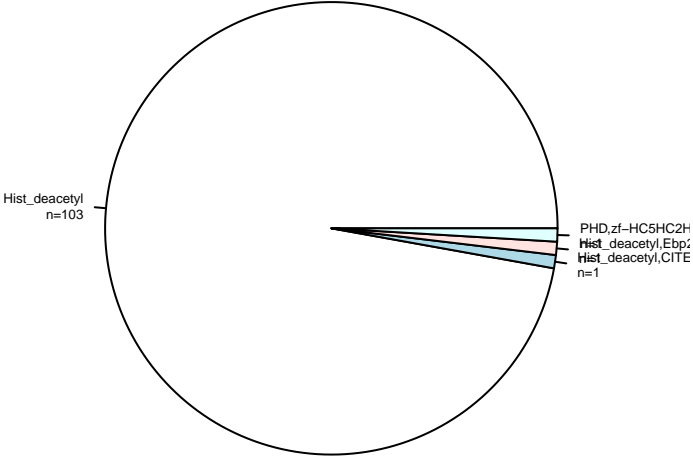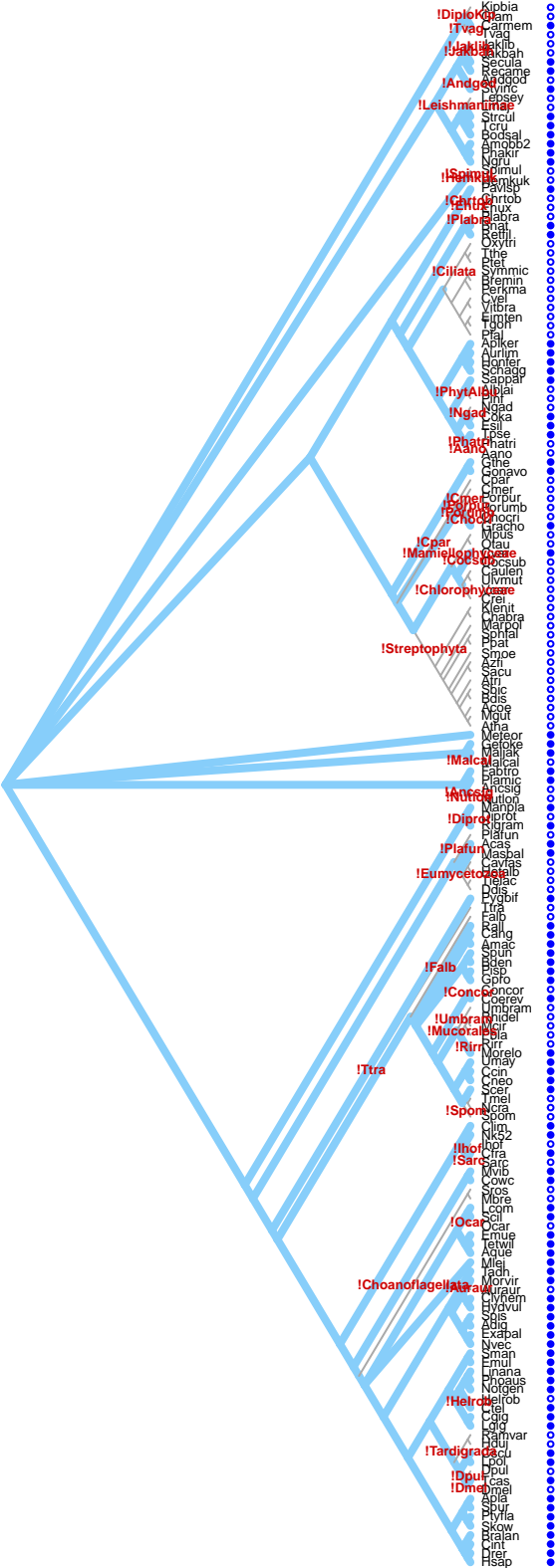
PHD,zf–HC5HC2H_2,Hist_deacetyl   PHD,zf–HC5HC2H_2,Hist_deacetyl | n=1
Hist_deacetyl,Ebp2   Hist_deacetyl,Ebp2 | n=1
Hist_deacetyl,CITED   Hist_deacetyl,CITED | n=1
Hist_deacetyl   Hist_deacetyl | n=103

Frequency

0   20   40   60   80   100

Hist_deacetyl.HG2.1
like:HDAC1/HDAC2/HDAC3
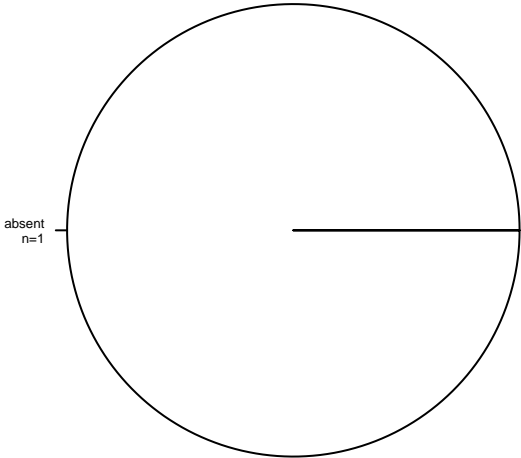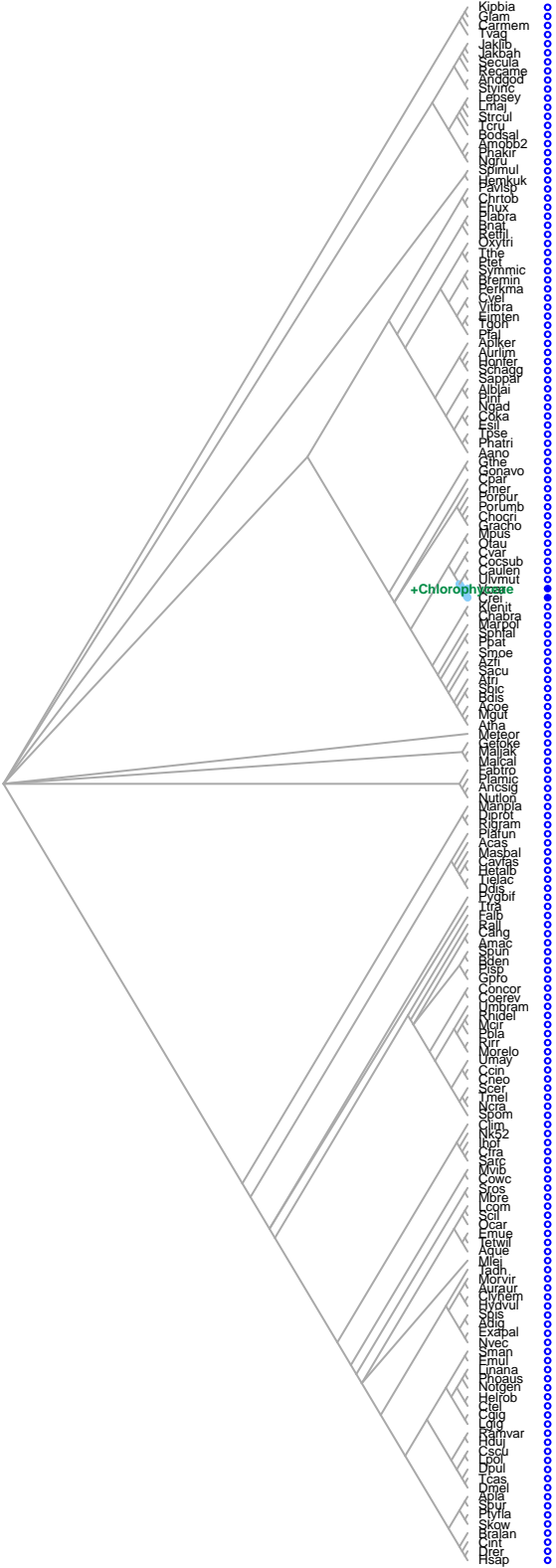
+Chlorophyceae

absent
n=1

Gain: Chlorophyceae,NA
Presence Eukaryota prob = 0.00
Present: 2
Losses: NA
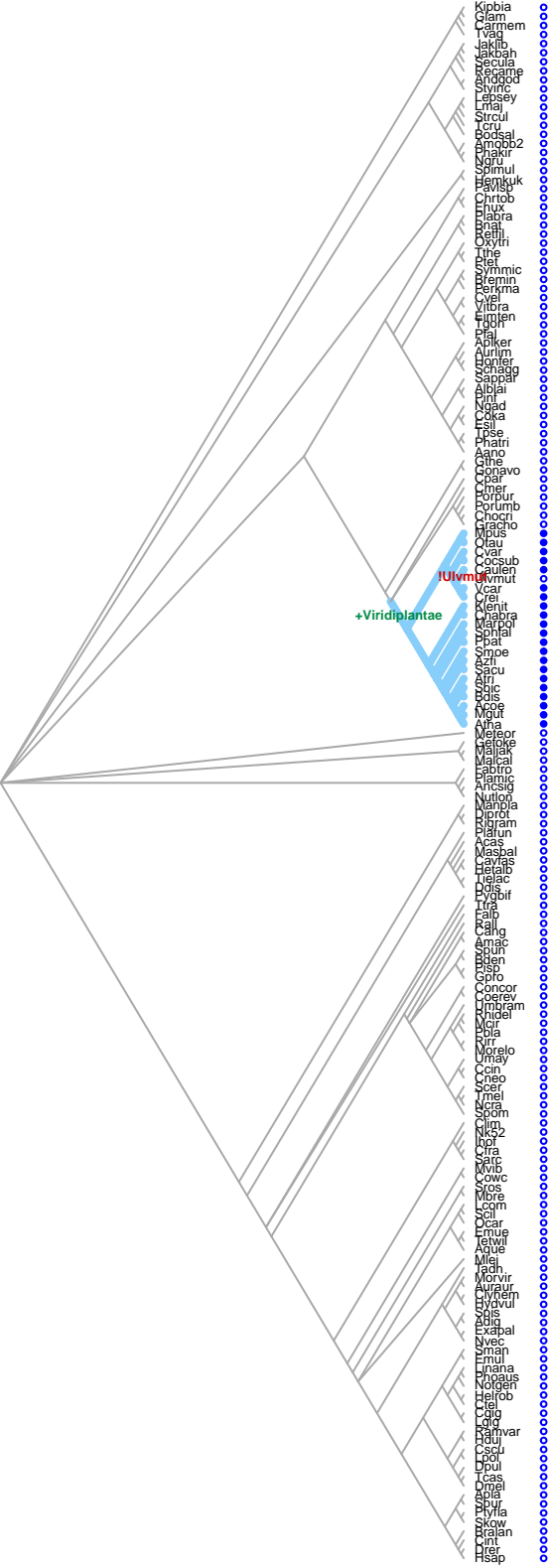
absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG2.10
like:HDAC1/HDAC2

!Ulvmu

+Viridiplantae

Gain: Viridiplantae,NA
Presence Eukaryota prob = 0.00
Present: 21
Losses: NA

absent
n=1

absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG2.11
like:HDAC1/HDAC2/HDAC3
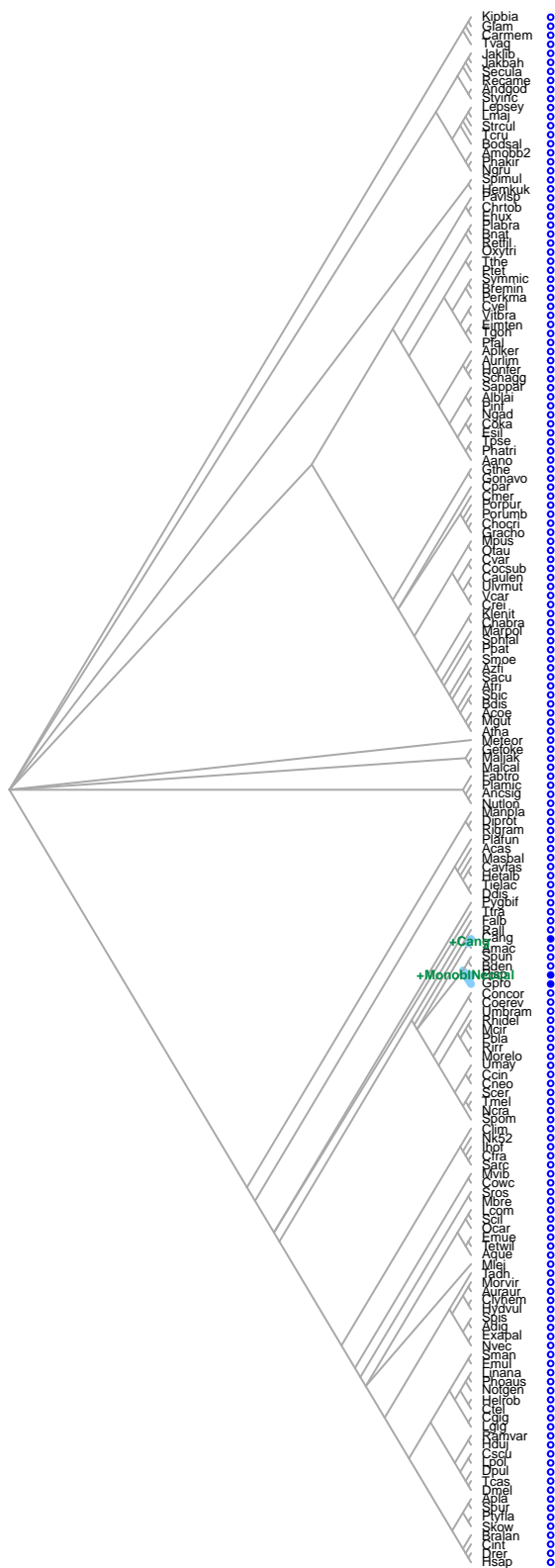
Gain: MonoblNeocal,Cang,NA
Presence Eukaryota prob = 0.00
Present: 3
Losses: NA

absent
n=1

absent | n=1

Frequency
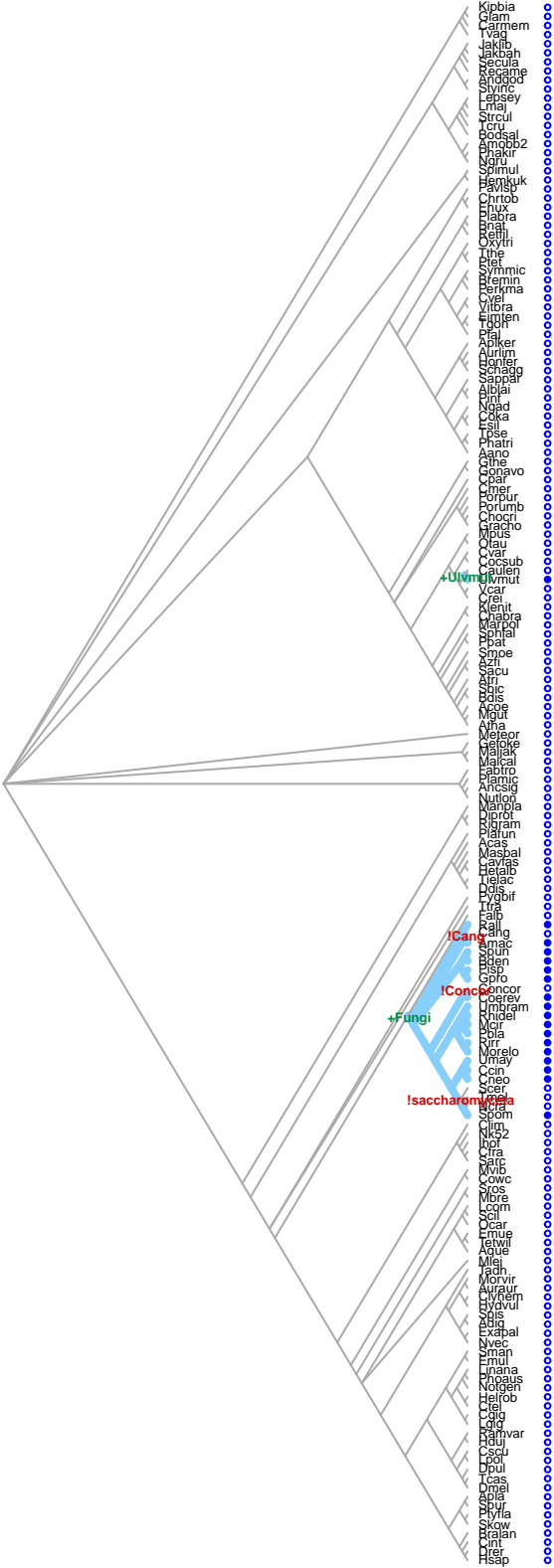
Hist_deacetyl.HG2.12
like:HDAC1/HDAC2/HDAC3
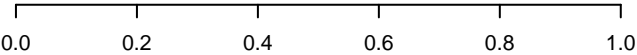
Gain: Fungi,Ulvmut,NA
Presence Eukaryota prob = 0.01
Present: 18
Losses: NA

absent
n=1

absent | absent | n=1

Frequency

0.0   0.2   0.4   0.6   0.8   1.0

Hist_deacetyl.HG2.13
like:HDAC1/HDAC2
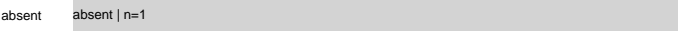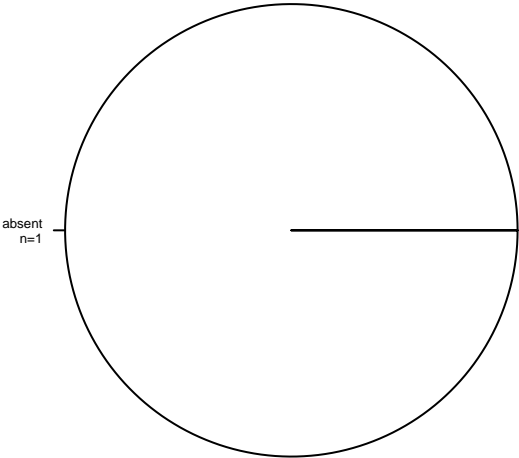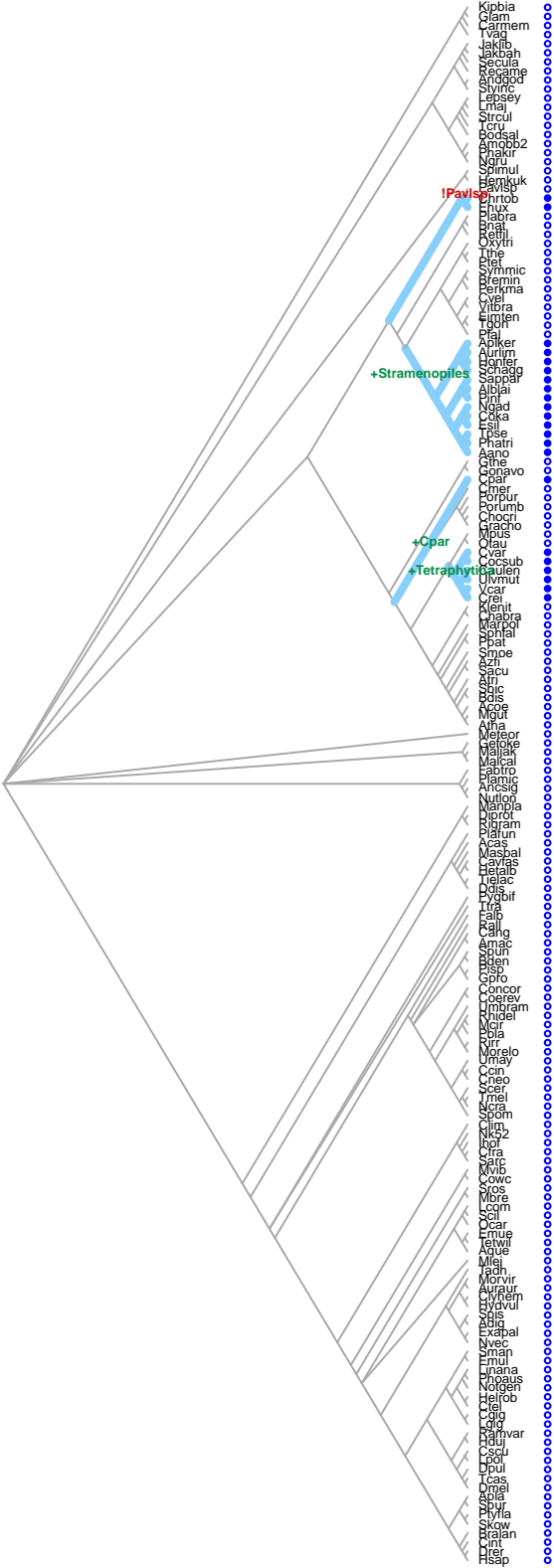
Gain: Tetraphytina,Cpar,Stramenopiles,NA
Presence Eukaryota prob = 0.00
Present: 22
Losses: NA
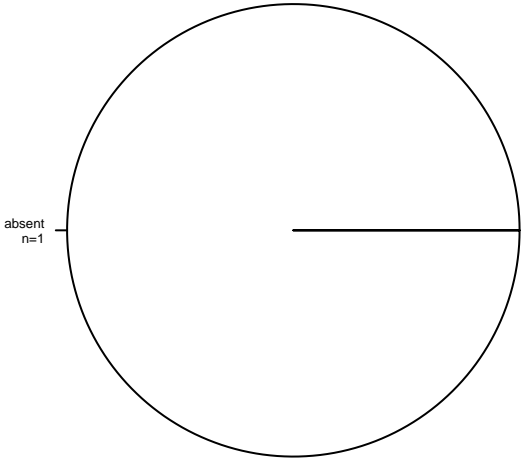
Hist_deacetyl.HG2.14
HDAC1/HDAC2
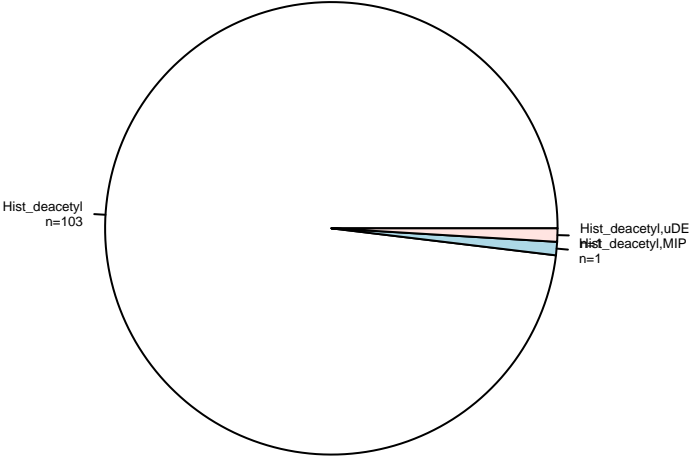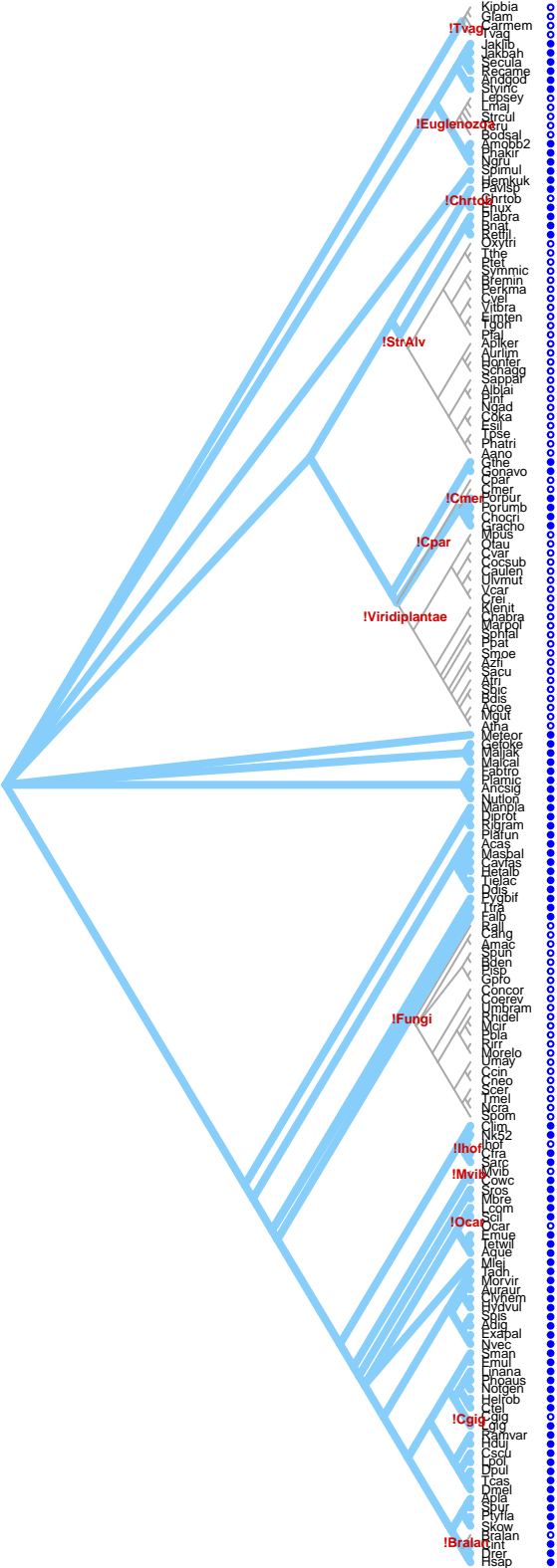
Gain: NA
Presence Eukaryota prob = 1.00
Present: 87
Losses: NA

Hist_deacetyl
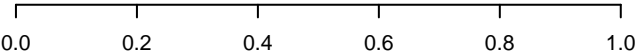n=103

Hist_deacetyl,uDE
Hist_deacetyl,MIP
n=1

Hist_deacetyl,uDENN,DENN,WD40   Hist_deacetyl,uDENN,DENN,WD40 | n=1

Hist_deacetyl,MIP   Hist_deacetyl,MIP | n=1

Hist_deacetyl   Hist_deacetyl | n=103

0   20   40   60   80   100

Frequency

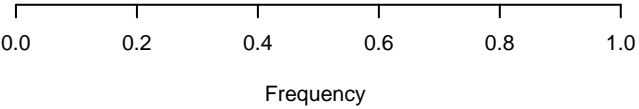**Hist_deacetyl.HG2.2**
like:HDAC1/HDAC2/HDAC3

+Trypanosomatida

absent
n=1

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

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency
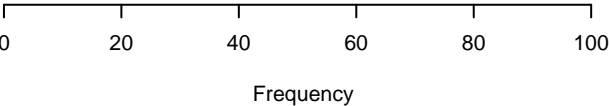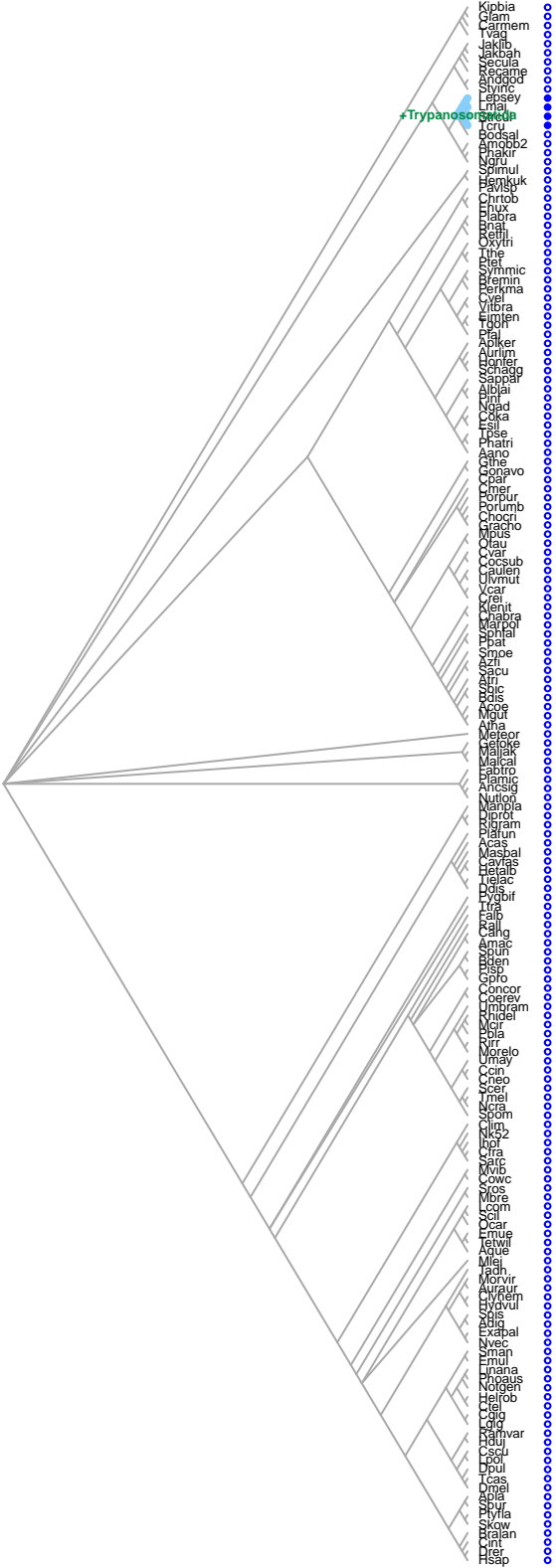
Hist_deacetyl.HG2.3
like:HDAC1/HDAC2/HDAC3
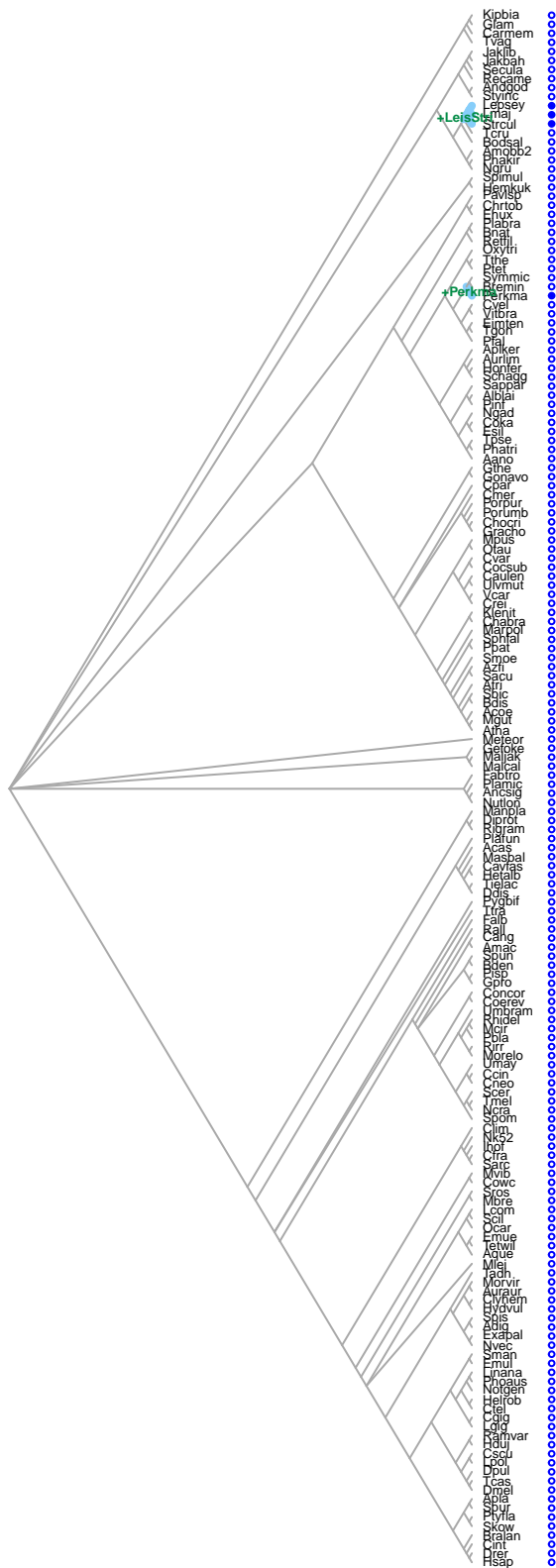
Gain: Perkma,LeisStri,NA
Presence Eukaryota prob = 0.00
Present: 4
Losses: NA

absent
n=1

absent   absent | n=1

Frequency

Hist_deacetyl.HG2.4
like:HDAC1/HDAC2/HDAC3
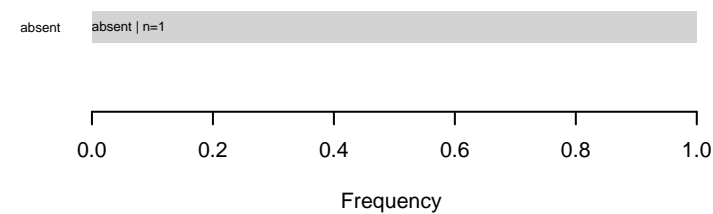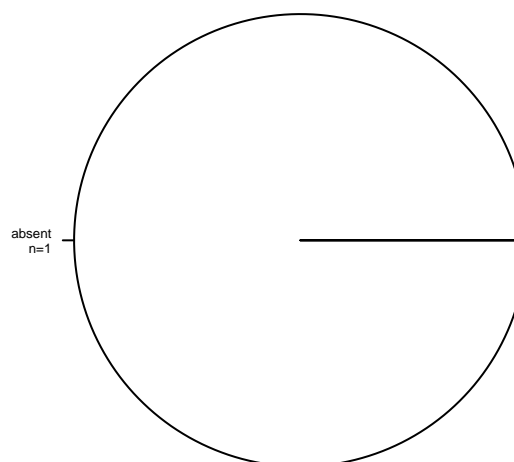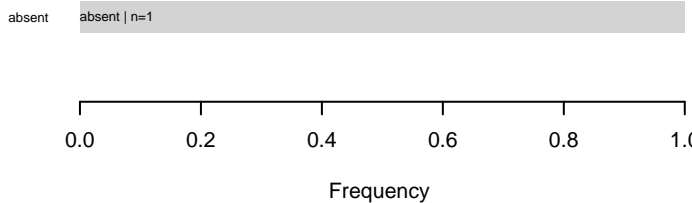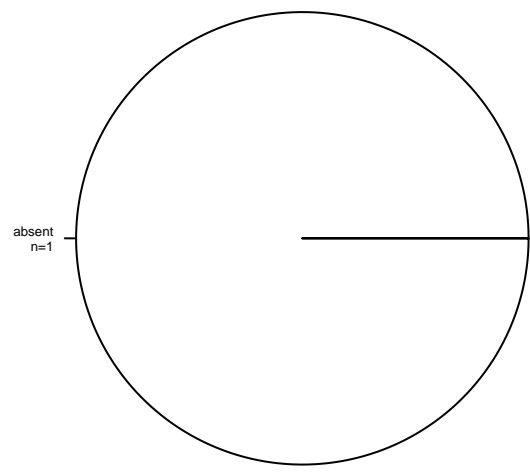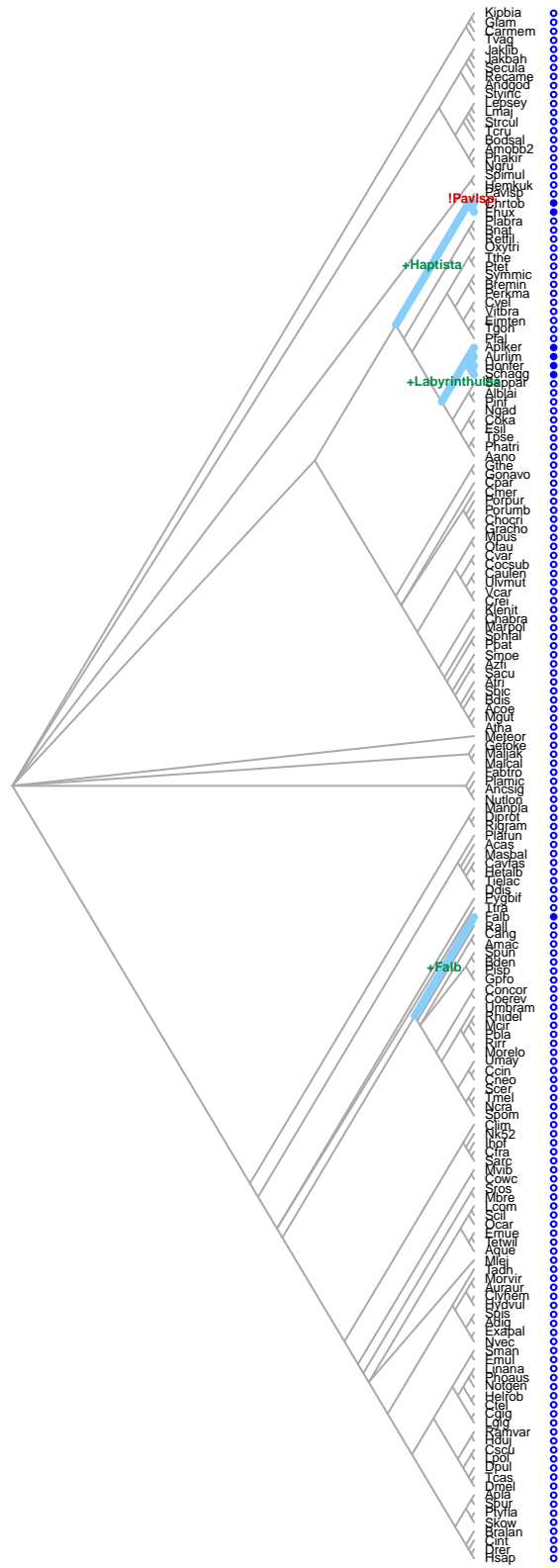
Gain: Falb,Labyrinthulea,Haptista,NA
Presence Eukaryota prob = 0.00
Present: 7
Losses: NA

Frequency

absent | n=1

Hist_deacetyl.HG2.5
like:HDAC1/HDAC2/HDAC3

+Monocots

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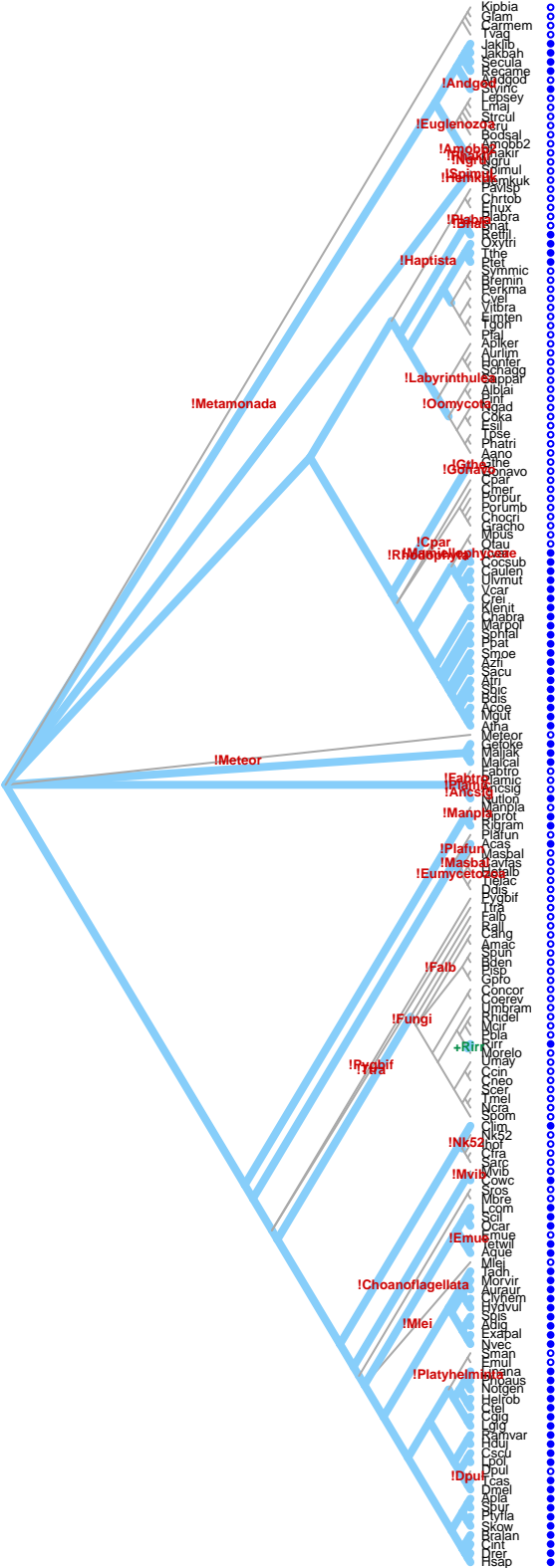Present: 2
Losses: NA

absent
n=1

absent | absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG2.6
like:HDAC1/HDAC2/HDAC3

!Dinoflagellata
+Alveolata
!Ptal
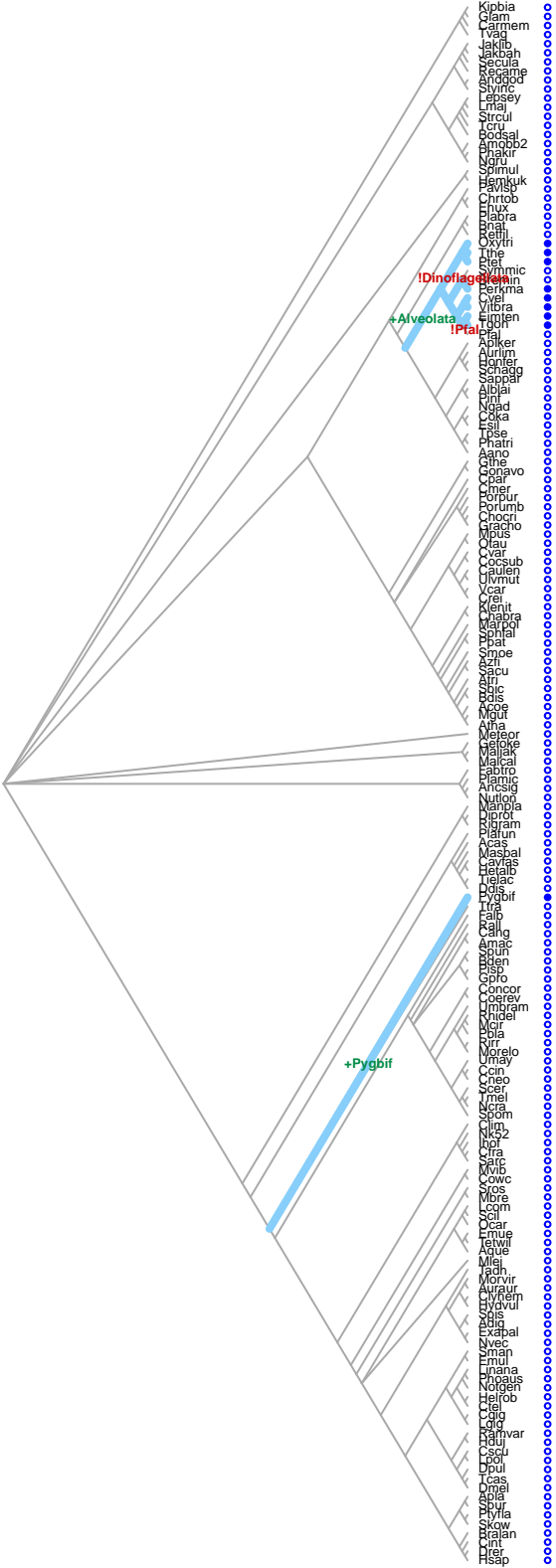
+Pygbif

absent
n=1

absent | n=1

Gain: Pygbif,Alveolata,NA
Presence Eukaryota prob = 0.00
Present: 9
Losses: NA

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

Hist_deacetyl.HG2.7
like:HDAC1/HDAC2/HDAC3
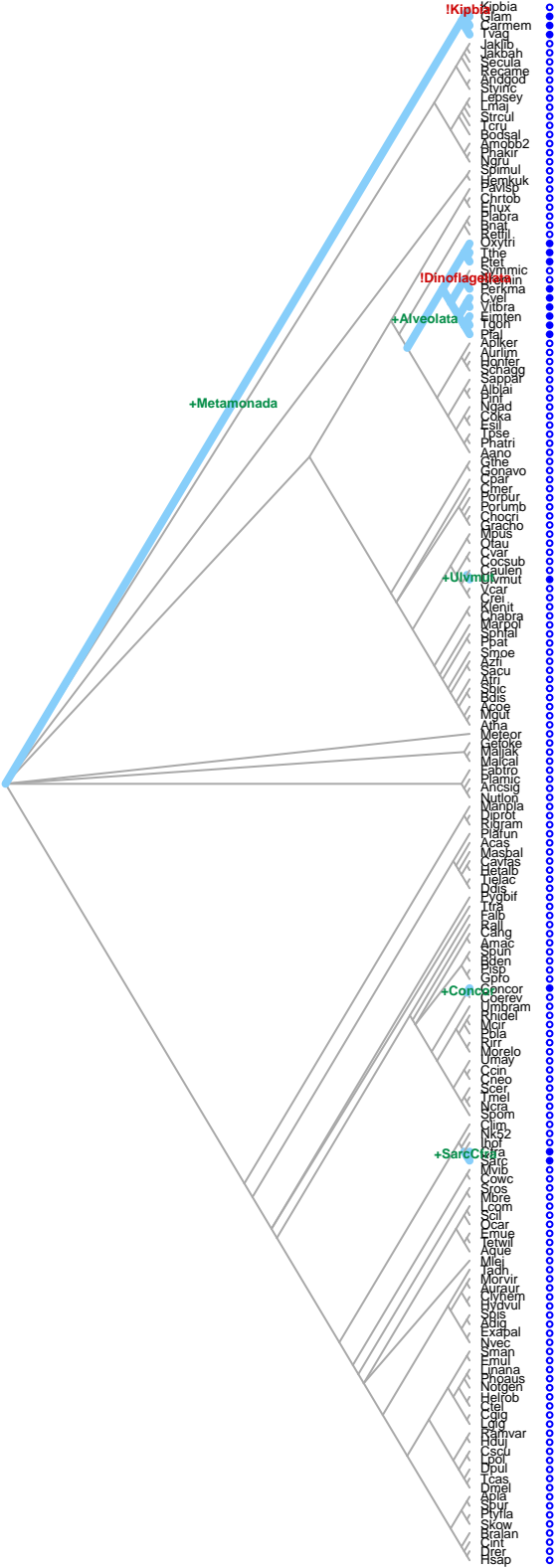
Gain: SarcCfra,Concor,Ulvmut,Alveolata,Metamonada,NA
Presence Eukaryota prob = 0.00
Present: 16
Losses: NA

Hist_deacetyl.HG2.8
HDAC3

Gain: NA
Presence Eukaryota prob = 1.00
Present: 134
Losses: NA
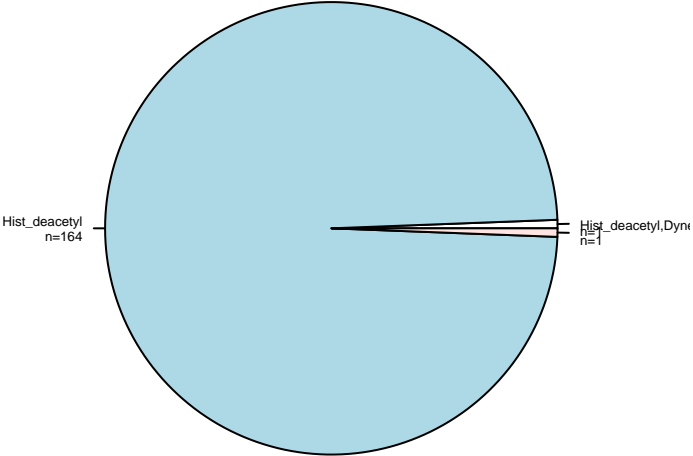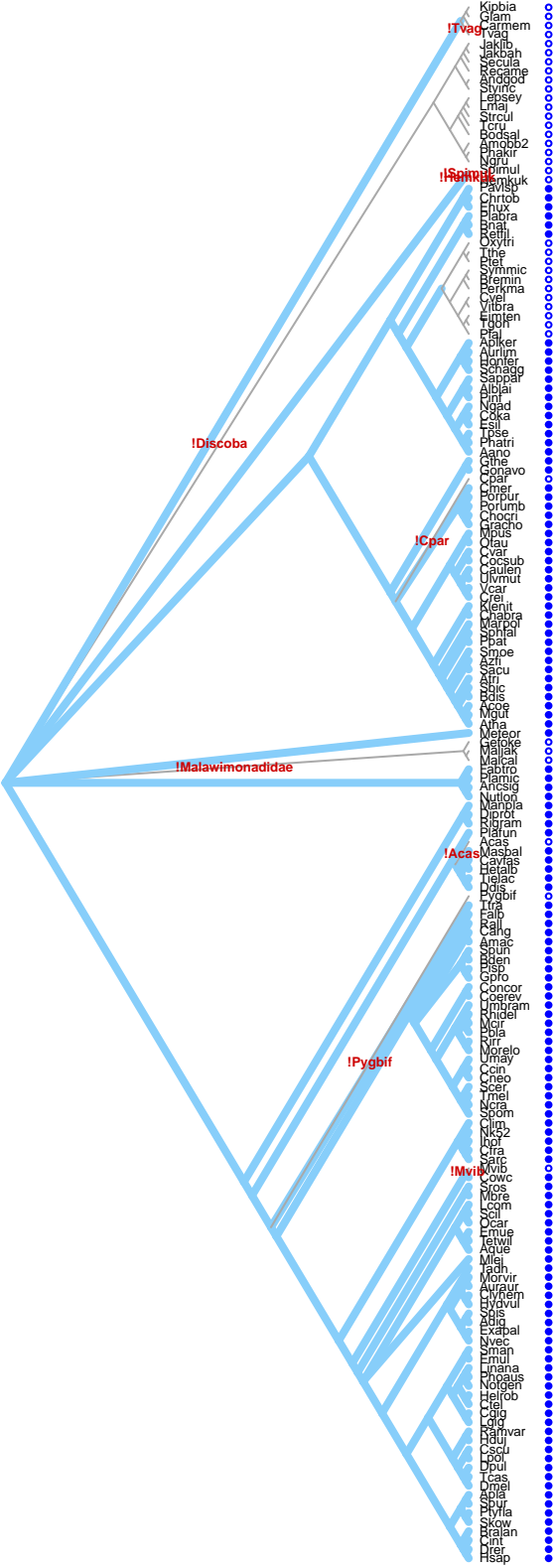
Hist_deacetyl,Dynein_light   Hist_deacetyl,Dynein_light | n=1

Hist_deacetyl   Hist_deacetyl | n=164

| n=1

Hist_deacetyl
n=164

Hist_deacetyl,Dyne
n=1

Frequency

Hist_deacetyl.HG2.9
like:HDAC1/HDAC2/HDAC3

Gain: NA
Presence Eukaryota prob = 0.00
Present: 17
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0
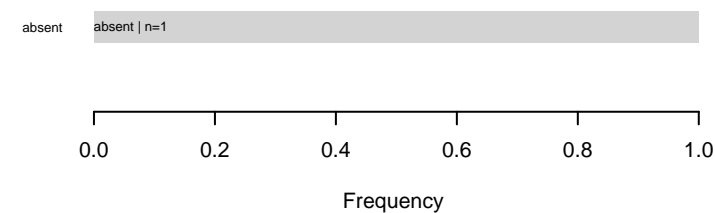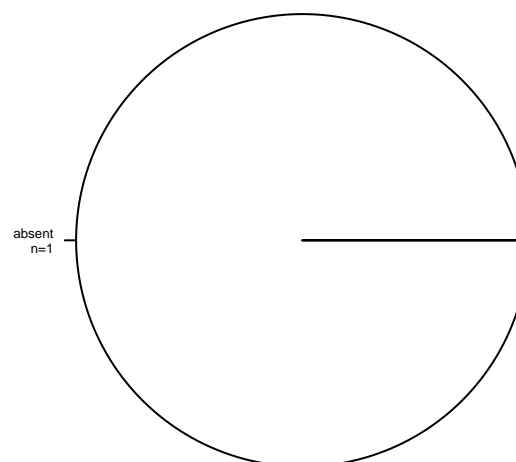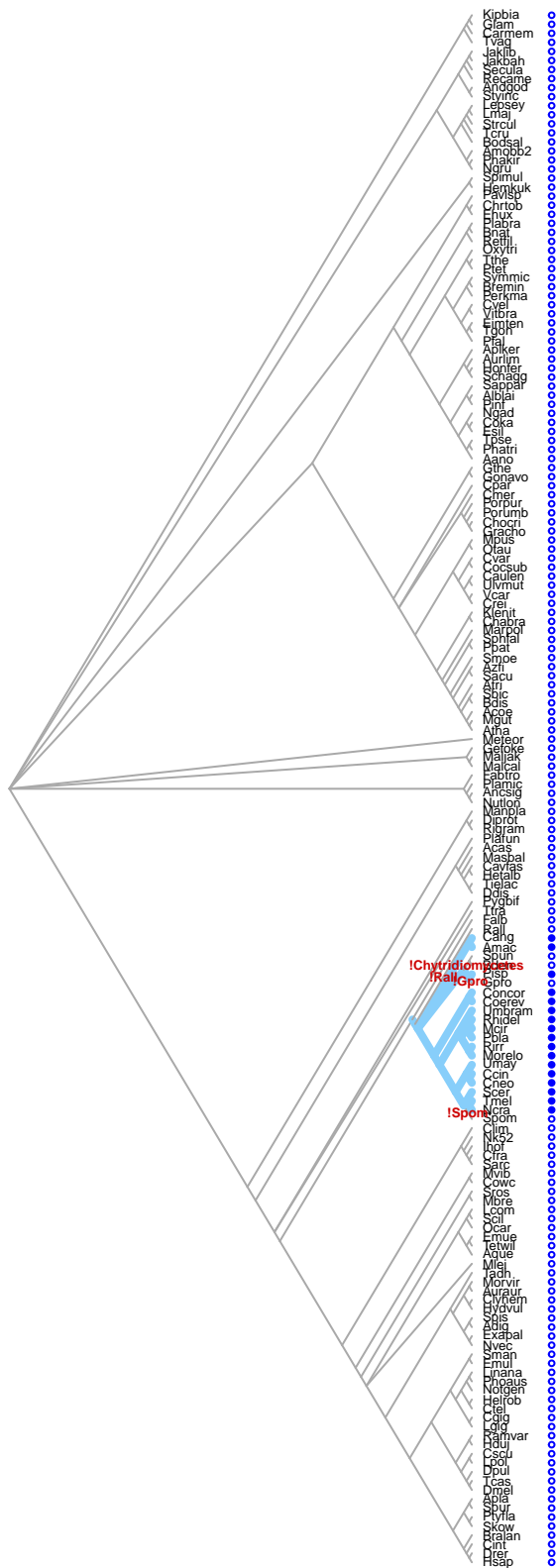
Frequency

Hist_deacetyl.HG3.0
like:HDAC11

Gain: NA
Presence Eukaryota prob = 1.00
Present: 64
Losses: NA
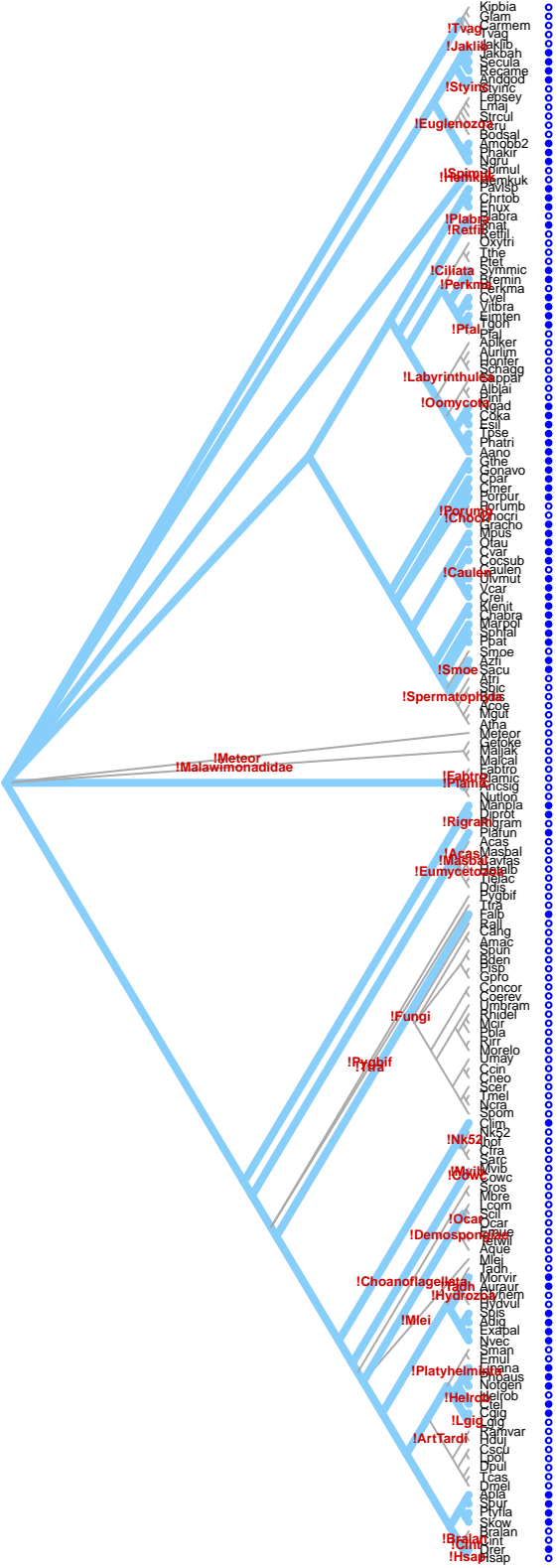
absent
n=1

absent | n=1

Frequency

Hist_deacetyl.HG3.1
HDAC11

Gain: Rirr,NA
Presence Eukaryota prob = 1.00
Present: 74
Losses: NA
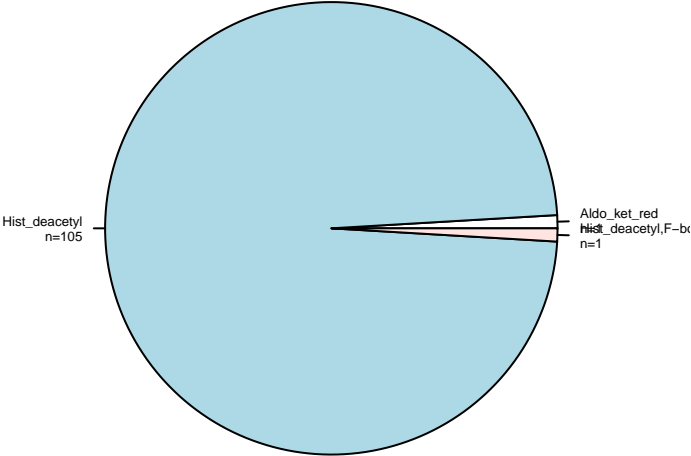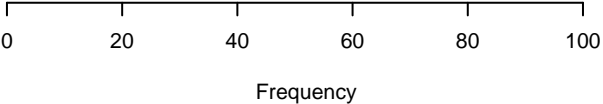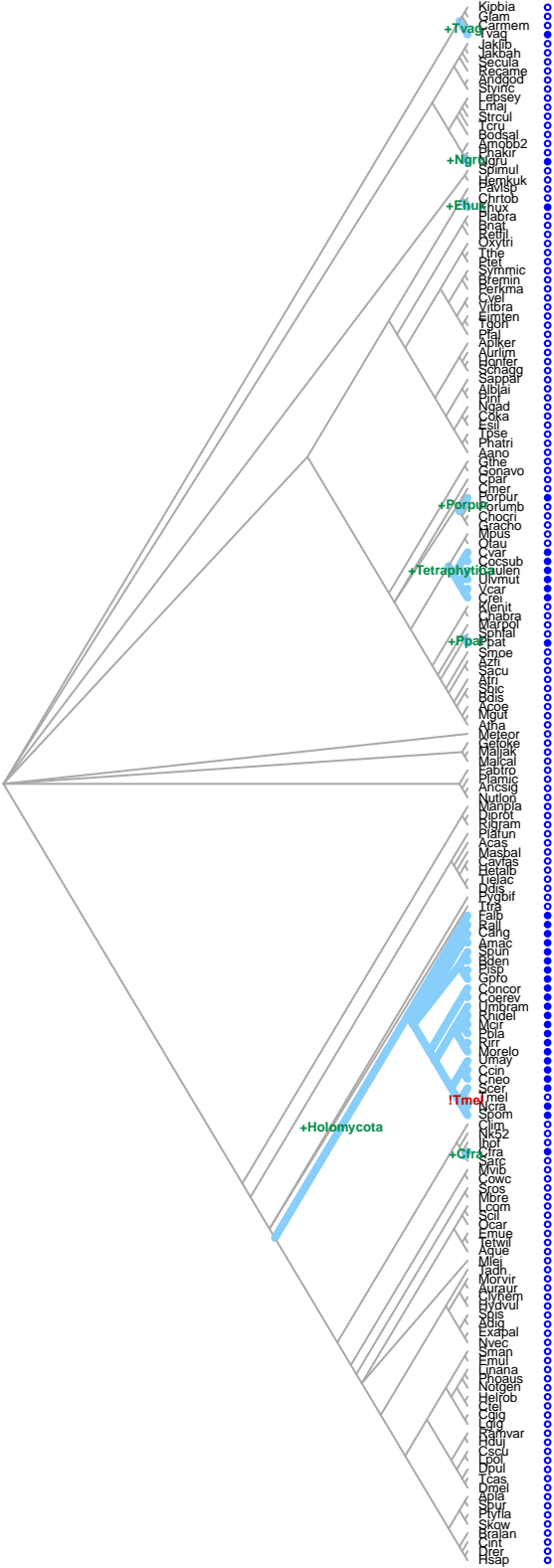
SIR2.HG1.0
like:SIRT1/SIRT2/SIRT3
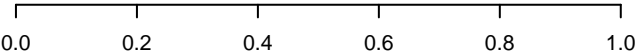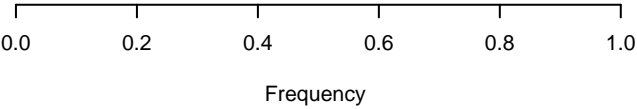
Gain: Cfra,Holomycota,Ppat,Tetraphytina,Porpur,Ehux,Ngru,Tvag,NA
Presence Eukaryota prob = 0.01
Present: 34
Losses: NA

SIR2.HG1.1
like:SIRT1/SIRT2/SIRT3
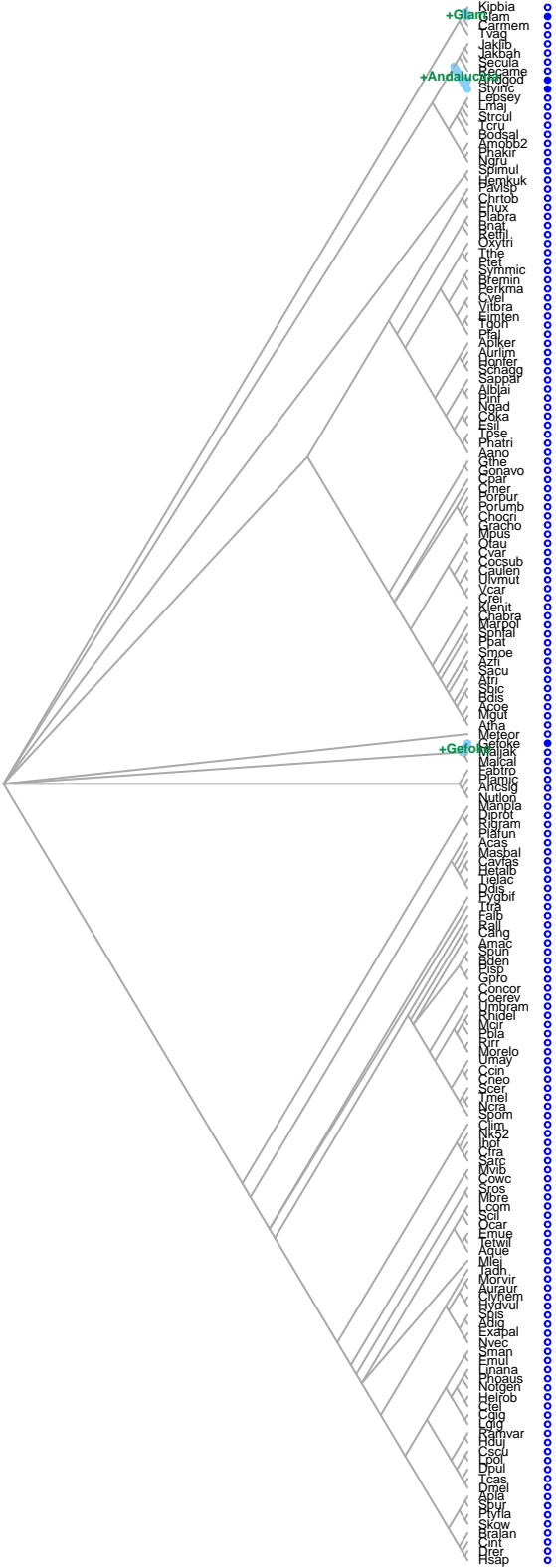
Gain: Gefoke,Andalucina,Glam,NA
Presence Eukaryota prob = 0.17
Present: 4
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0
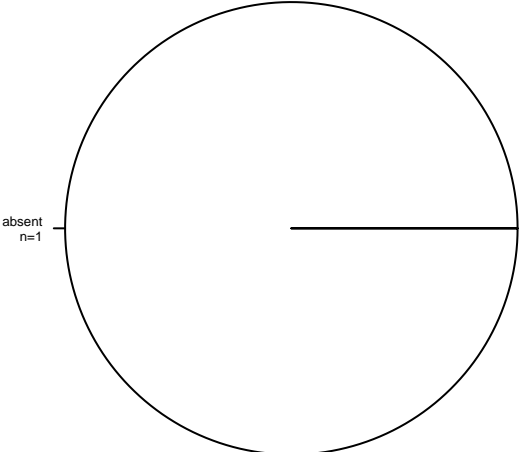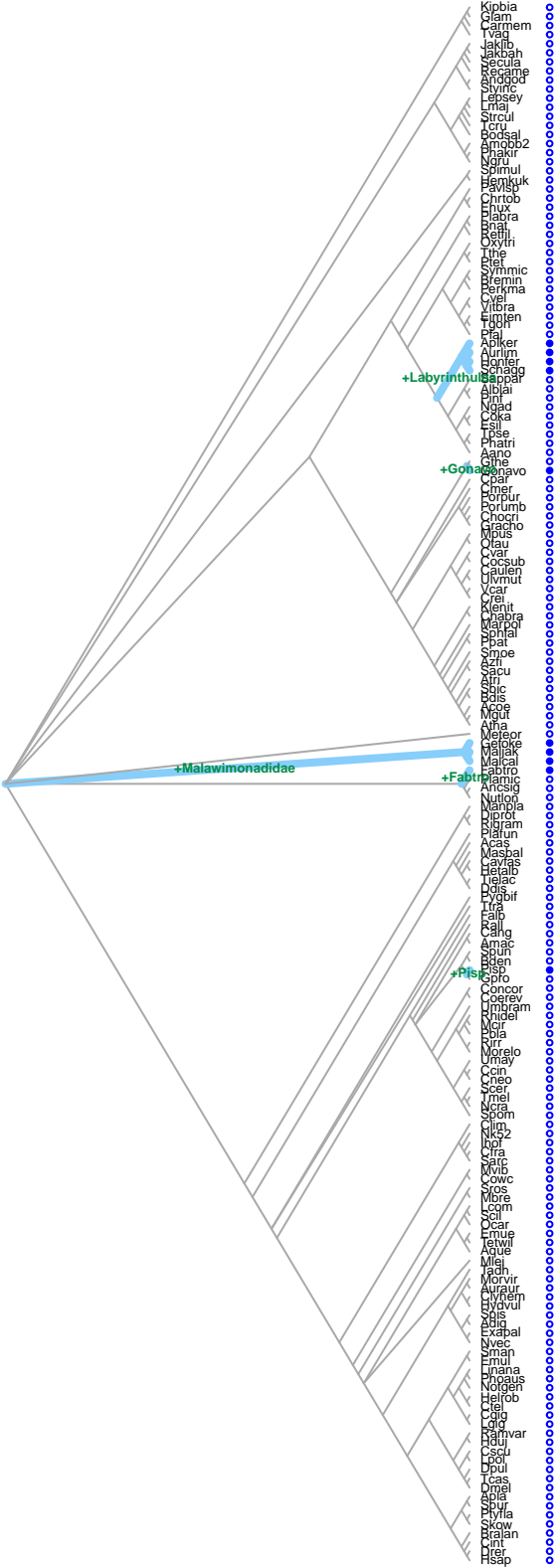
Frequency

SIR2.HG1.10
like:SIRT2/SIRT3

Gain: Pisp,Fabtro,Malawimonadidae,Gonavo,Labyrinthulea,NA
Presence Eukaryota prob = 0.31
Present: 10
Losses: NA

SIR2.HG1.11
like:SIRT2/SIRT3
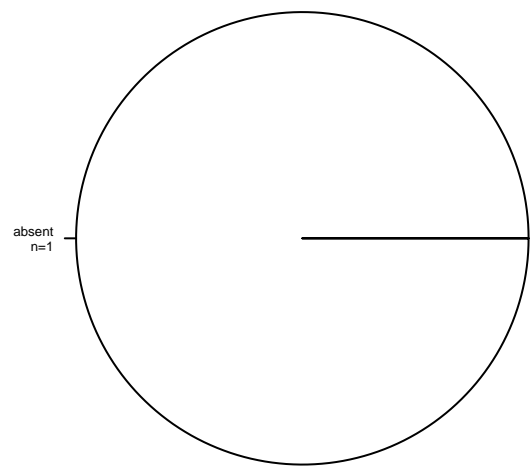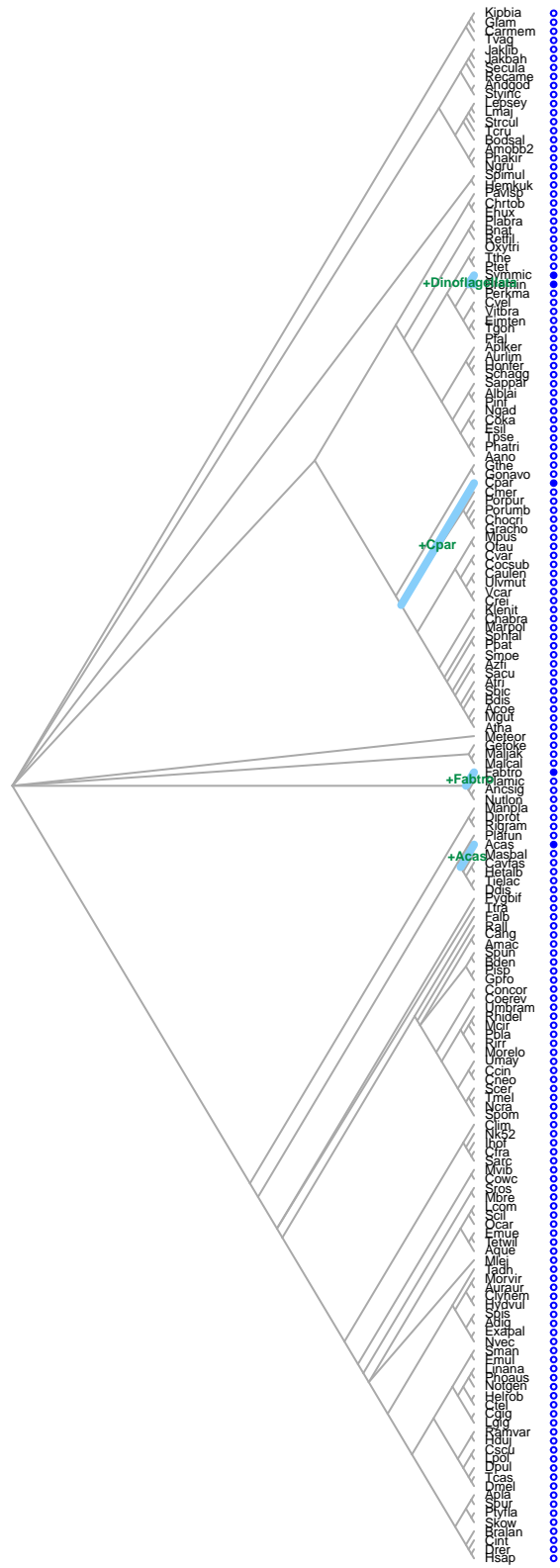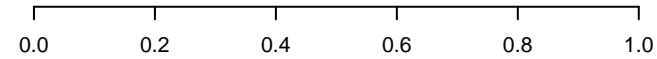
Gain: Acas,Fabtro,Cpar,Dinoflagellata,NA
Presence Eukaryota prob = 0.06
Present: 5
Losses: NA

SIR2.HG1.12
SIRT3
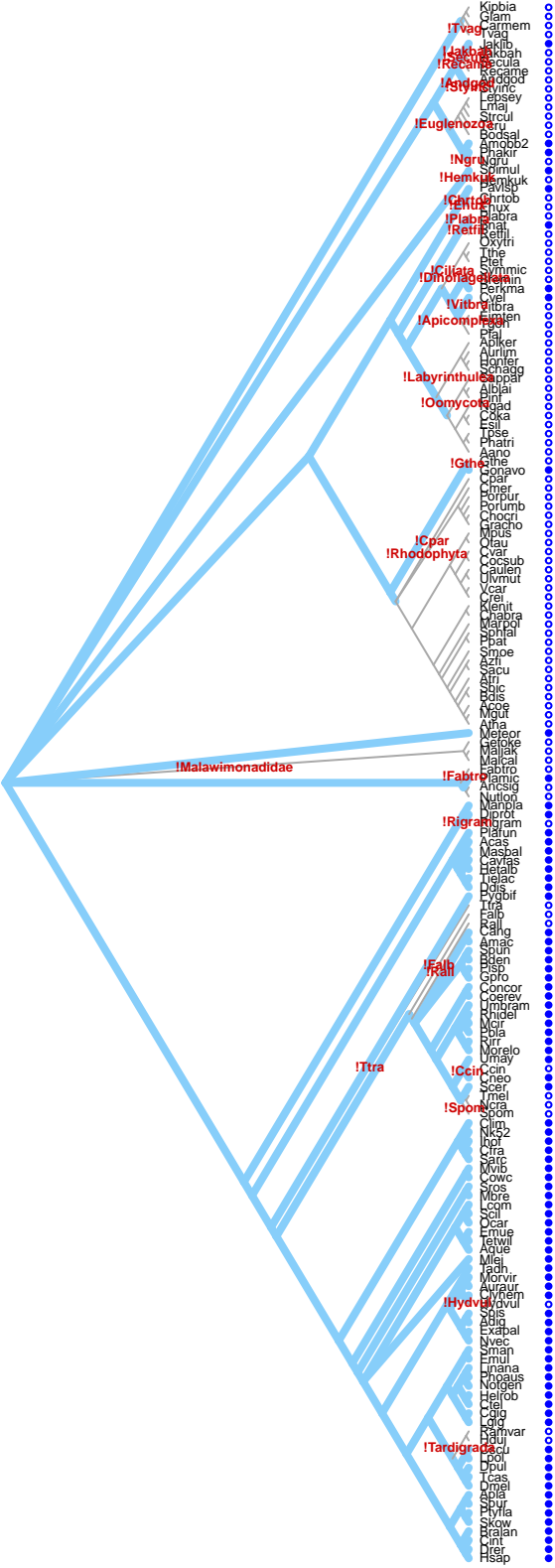
Gain: NA
Presence Eukaryota prob = 0.36
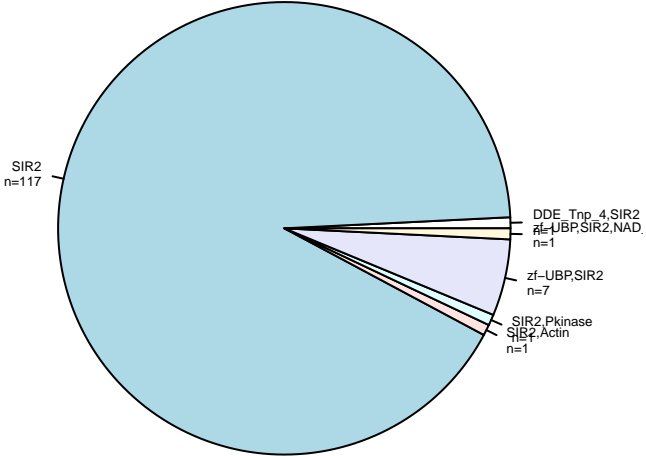Present: 32
Losses: NA
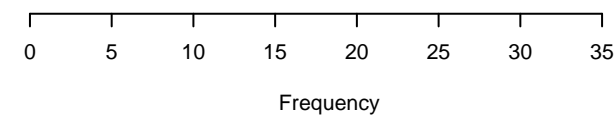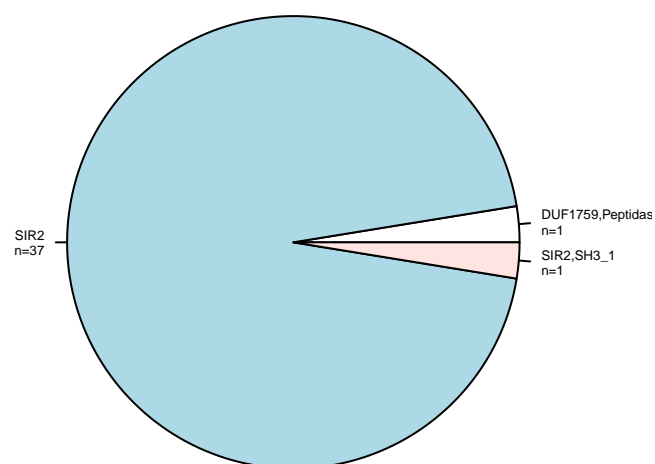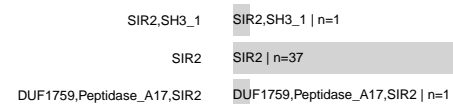
SIR2.HG1.13
like:SIRT2/SIRT3
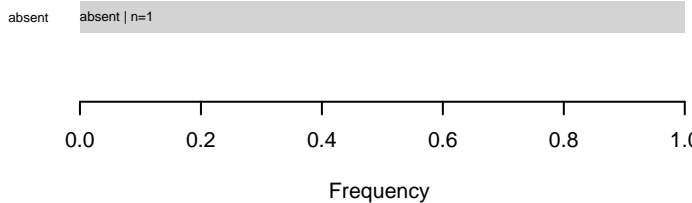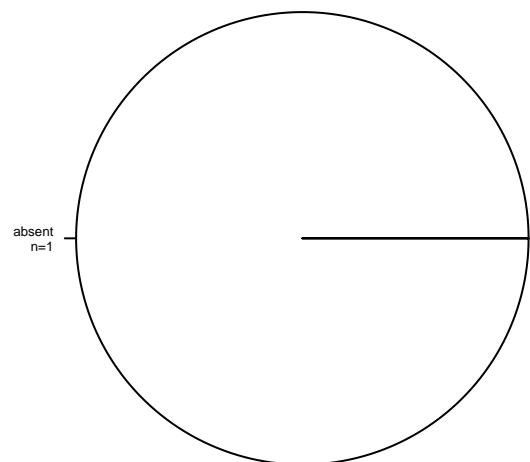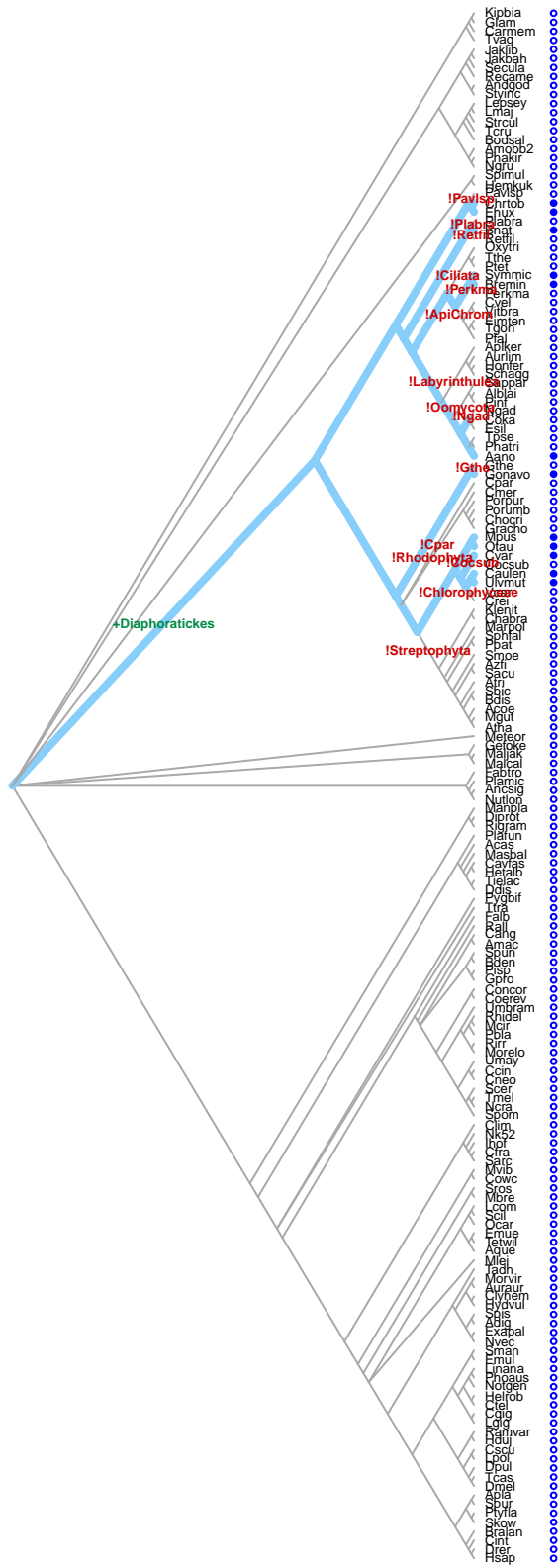
Gain: Diaphoratickes,NA
Presence Eukaryota prob = 0.43
Present: 12
Losses: NA
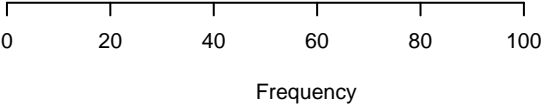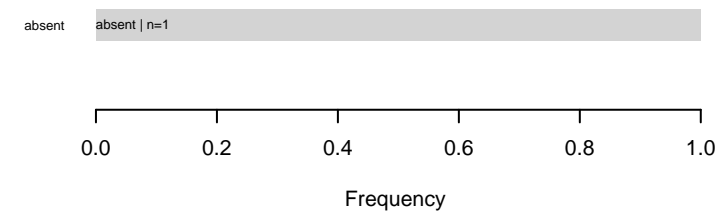
absent | n=1

Frequency

SIR2.HG1.14
SIRT2

Gain: NA
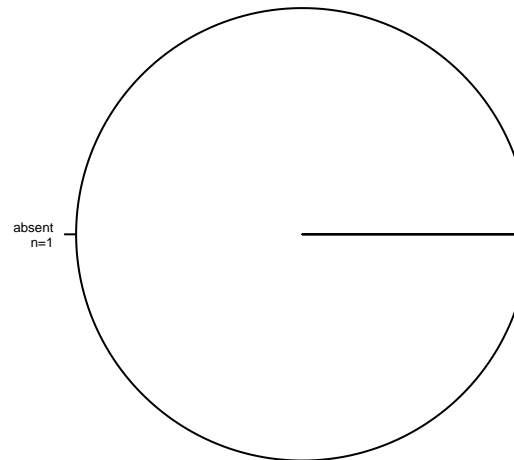Presence Eukaryota prob = 1.00
Present: 84
Losses: NA

SIR2
n=117

DDE_Tnp_4,SIR2
zf-UBP,SIR2,NAD,
n=1
zf-UBP,SIR2
n=7
SIR2,Pkinase
SIR2,Actin
n=1

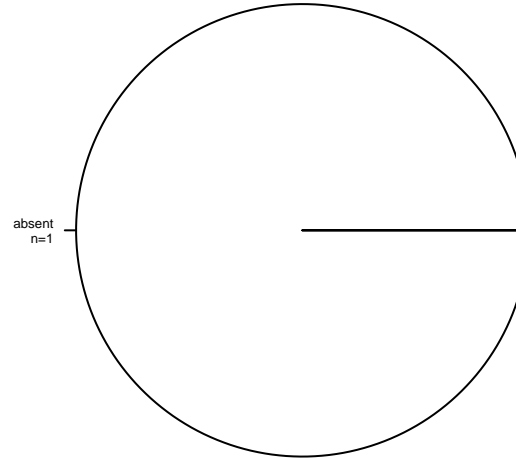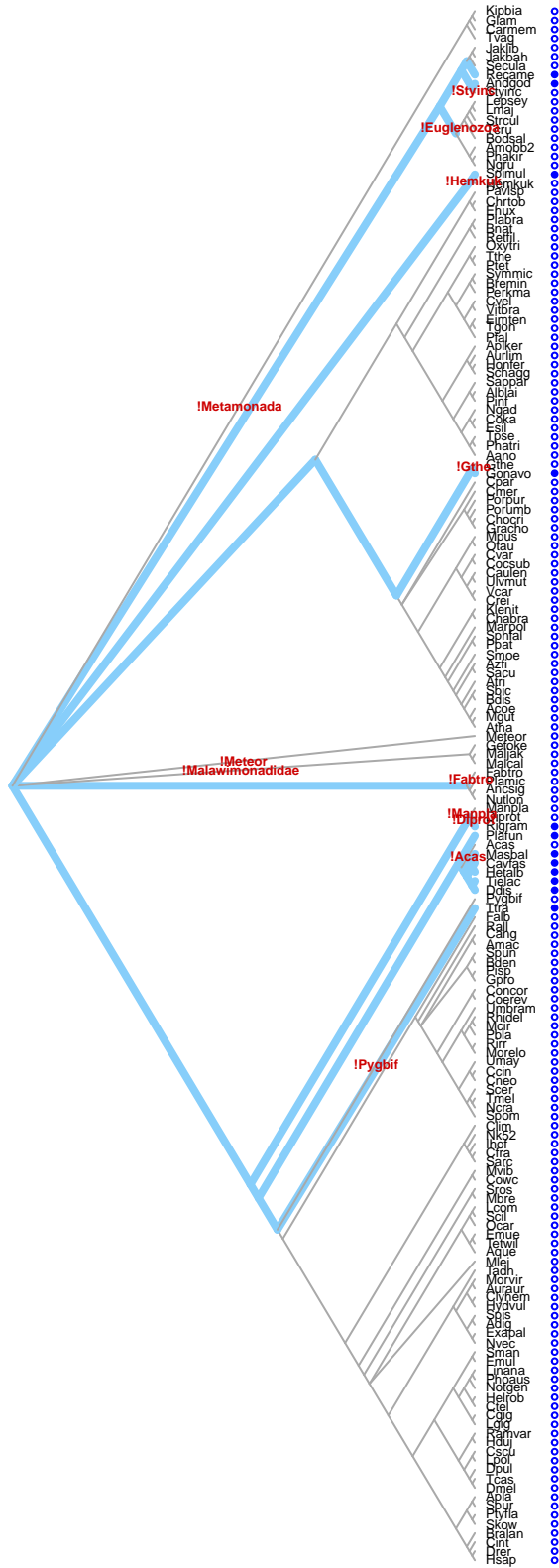|	
zf-UBP,SIR2,NAD_binding_2,6PGD	zf-UBP,SIR2,NAD_binding_2,6PGD | n=1
zf-UBP,SIR2	zf-UBP,SIR2 | n=7
SIR2,Pkinase	SIR2,Pkinase | n=1
SIR2,Actin	SIR2,Actin | n=1
SIR2	SIR2 | n=117
DDE_Tnp_4,SIR2	DDE_Tnp_4,SIR2 | n=1

Frequency
0   20   40   60   80   100

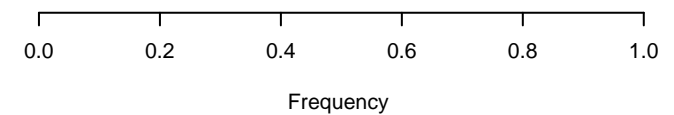**SIR2.HG1.15**
like:SIRT2/SIRT3

+Trypanosomatida

+Hemimastigophora
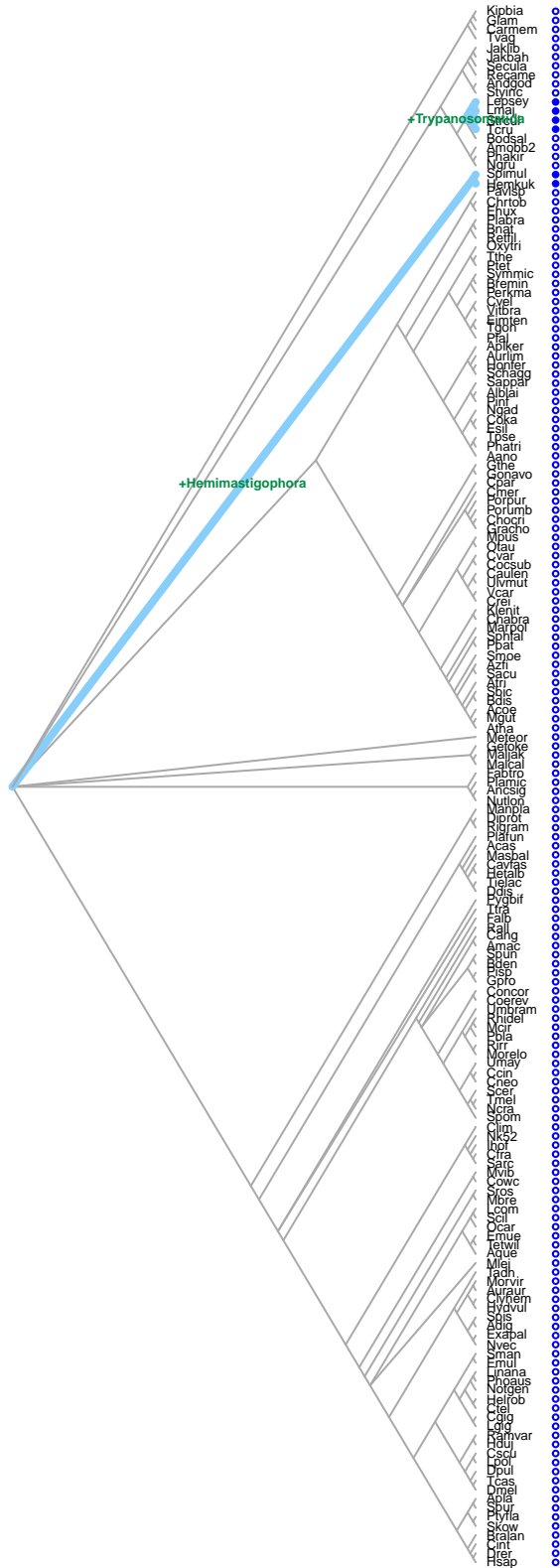
absent
n=1

Gain: Hemimastigophora,Trypanosomatida,NA
Presence Eukaryota prob = 0.00
Present: 6
Losses: NA

absent | n=1

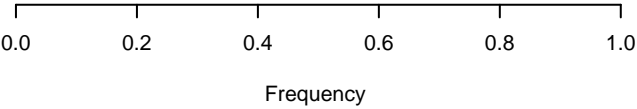| | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 |

Frequency

SIR2.HG1.16
like:SIRT2/SIRT3

Gain: NA
Presence Eukaryota prob = 0.96
Present: 12
Losses: NA

absent
n=1

absent   absent | n=1

0.0	0.2	0.4	0.6	0.8	1.0

Frequency

SIR2.HG1.17
like:SIRT2/SIRT3

Gain: Histionina,NA

Presence Eukaryota prob = 0.03

Present: 3

Losses: NA

SIR2.HG1.2
like:SIRT1/SIRT2/SIRT3

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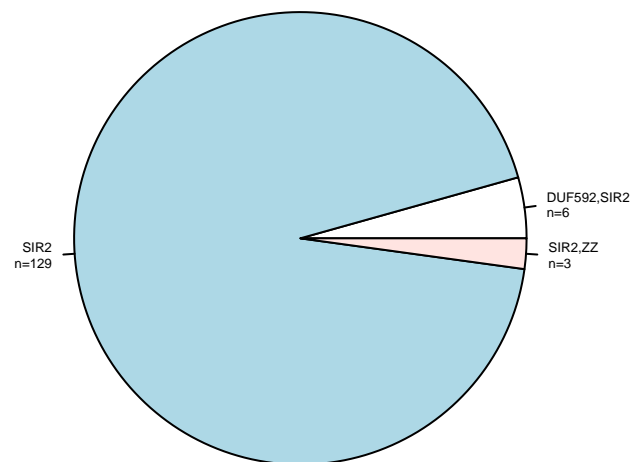Present: 2
Losses: NA

absent

absent | n=1

Frequency
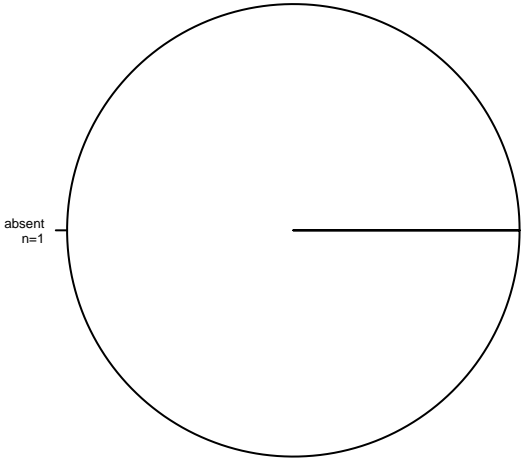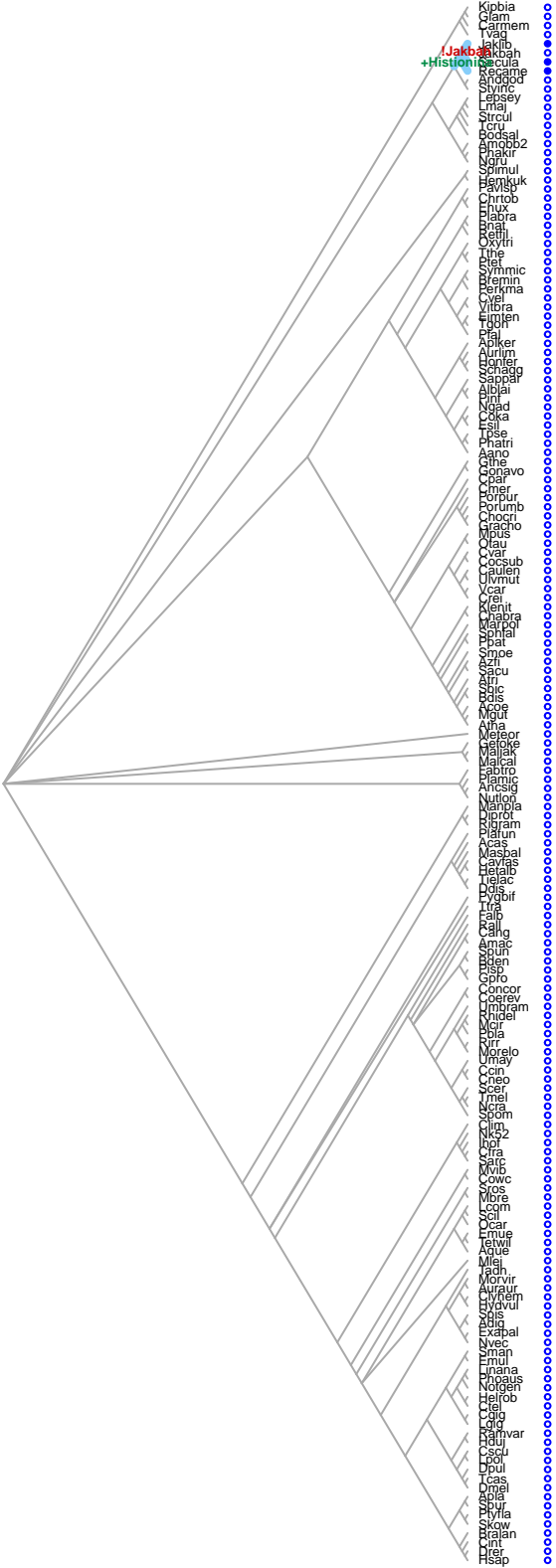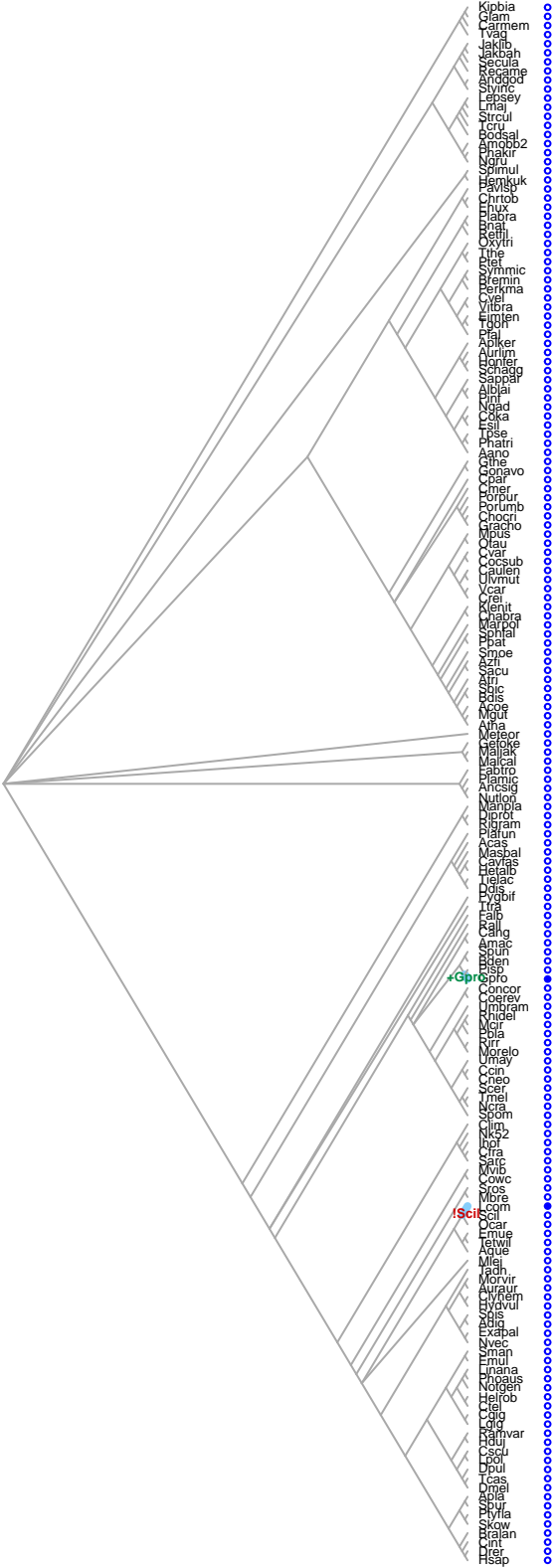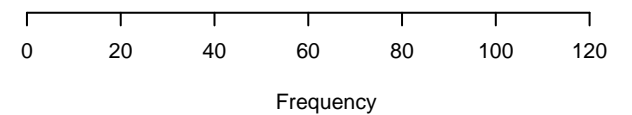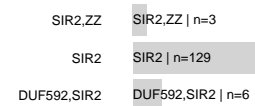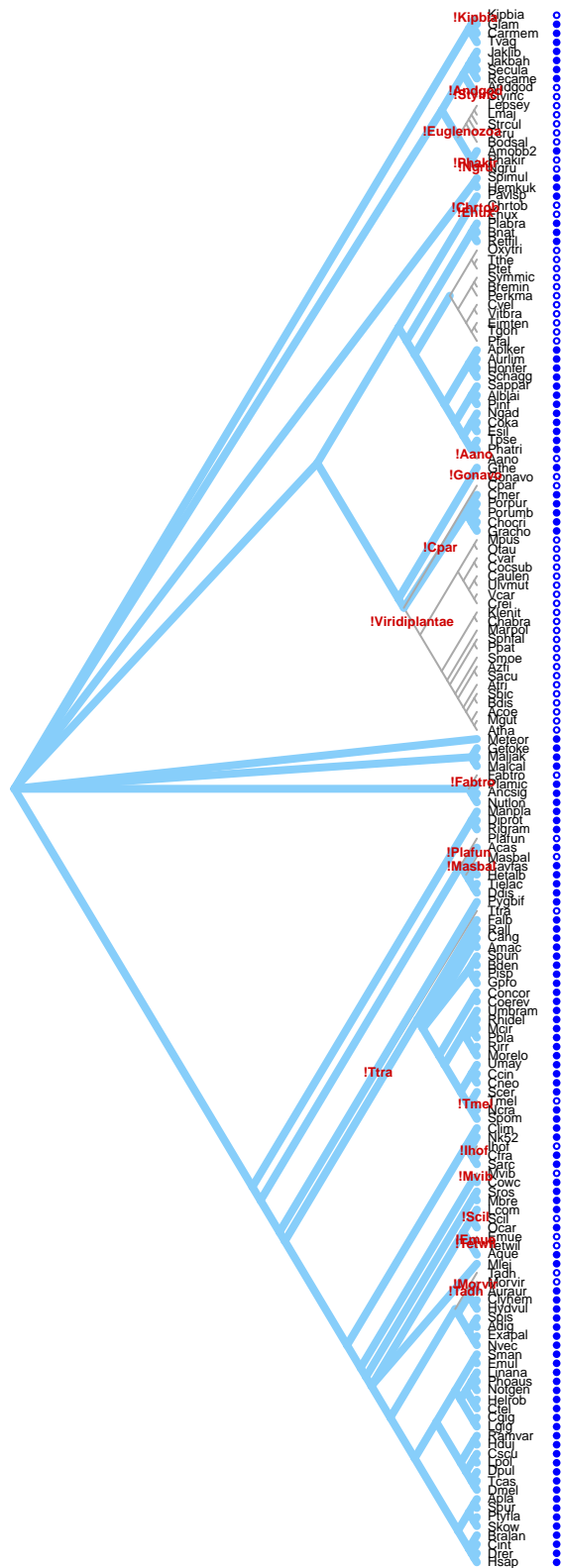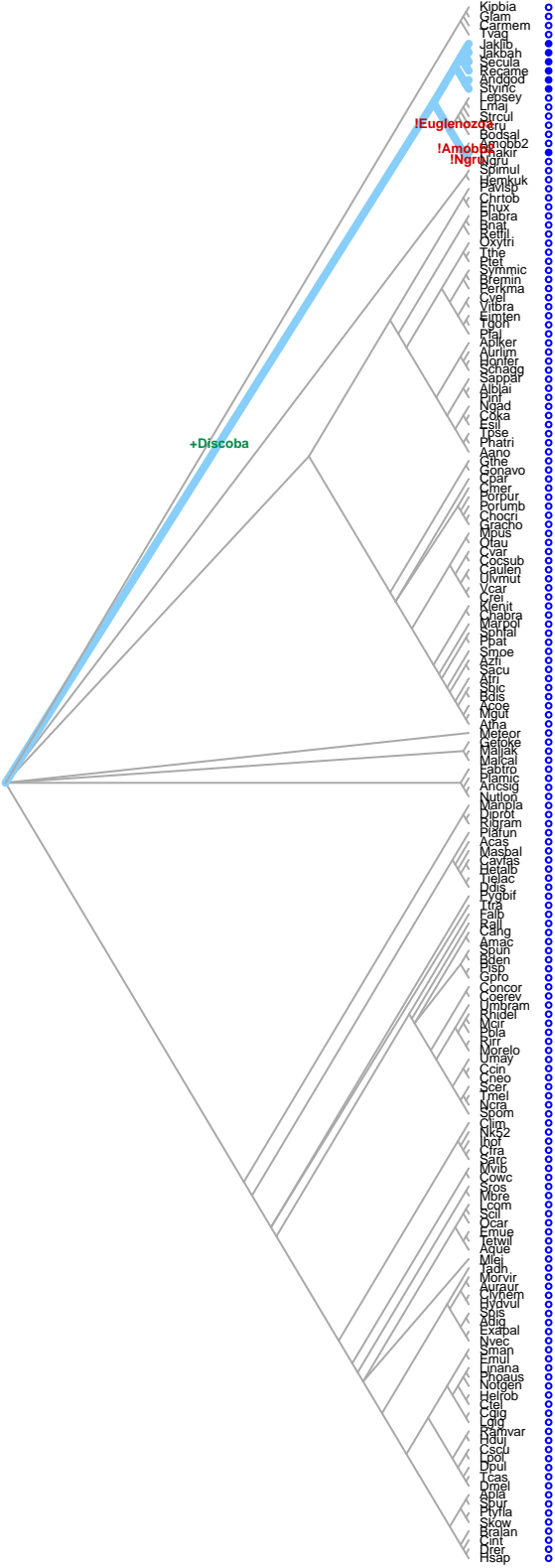
SIR2.HG1.3
SIRT1

Gain: NA
Presence Eukaryota prob = 1.00
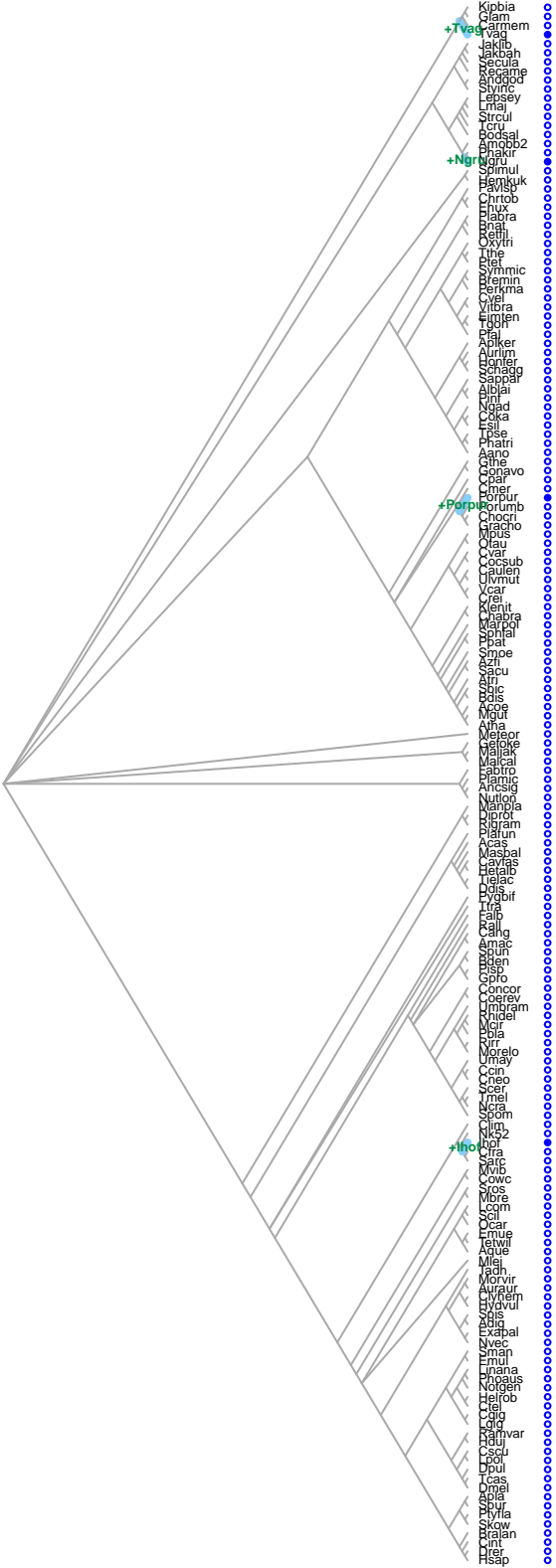Present: 112
Losses: NA

SIR2.HG1.4
like:SIRT2/SIRT3

!Euglenozoa
!Amoeba
!Ngru
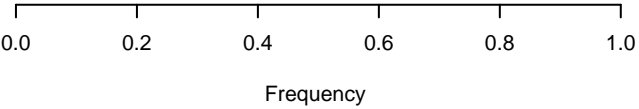
+Discoba
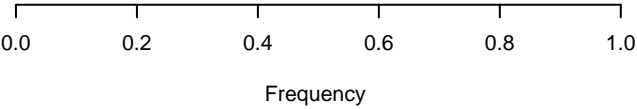
Gain: Discoba,NA
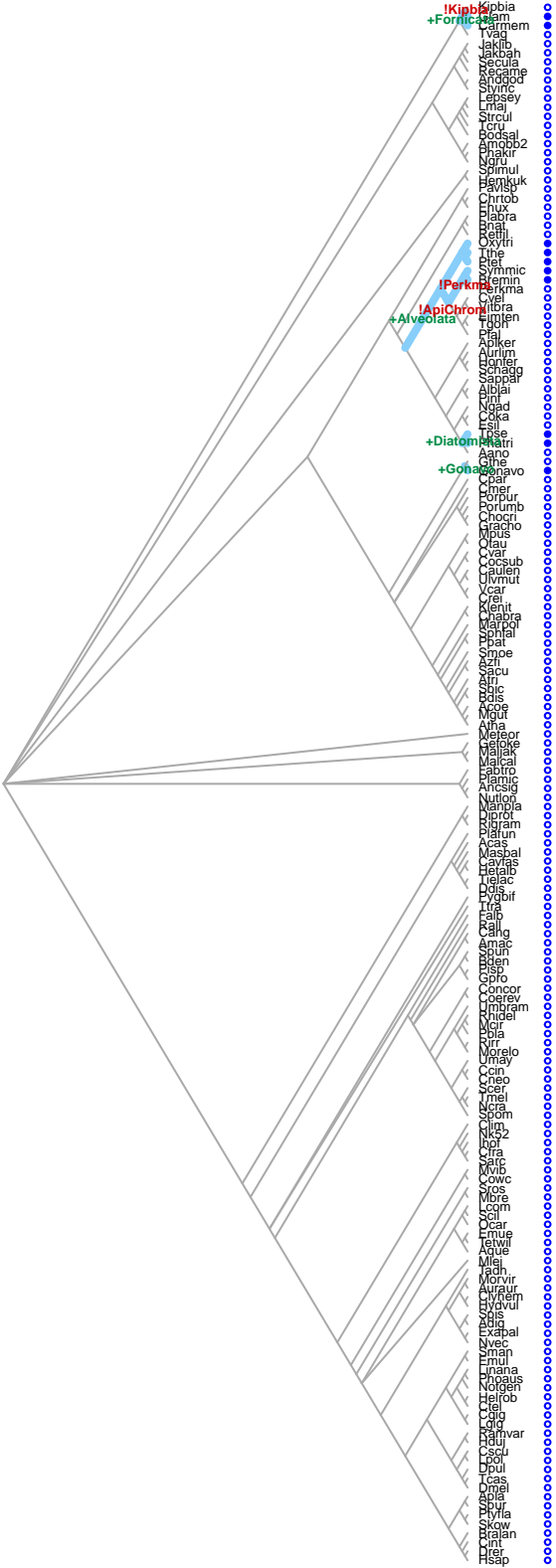Presence Eukaryota prob = 0.06
Present: 7
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG1.5
like:SIRT2/SIRT3

Gain: Ihof,Porpur,Ngru,Tvag,NA
Presence Eukaryota prob = 0.00
Present: 4
Losses: NA

absent
n=1

absent   absent | n=1

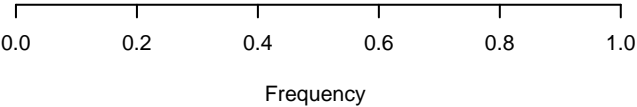0.0   0.2   0.4   0.6   0.8   1.0
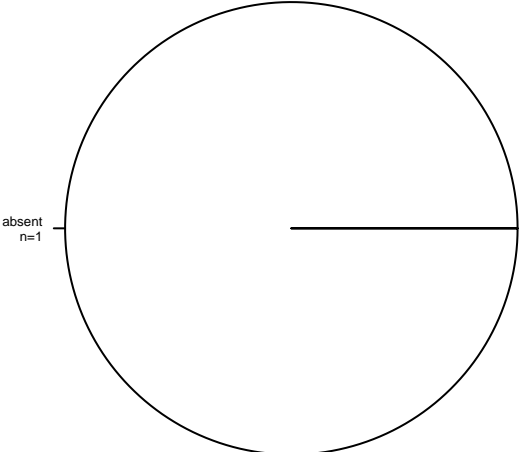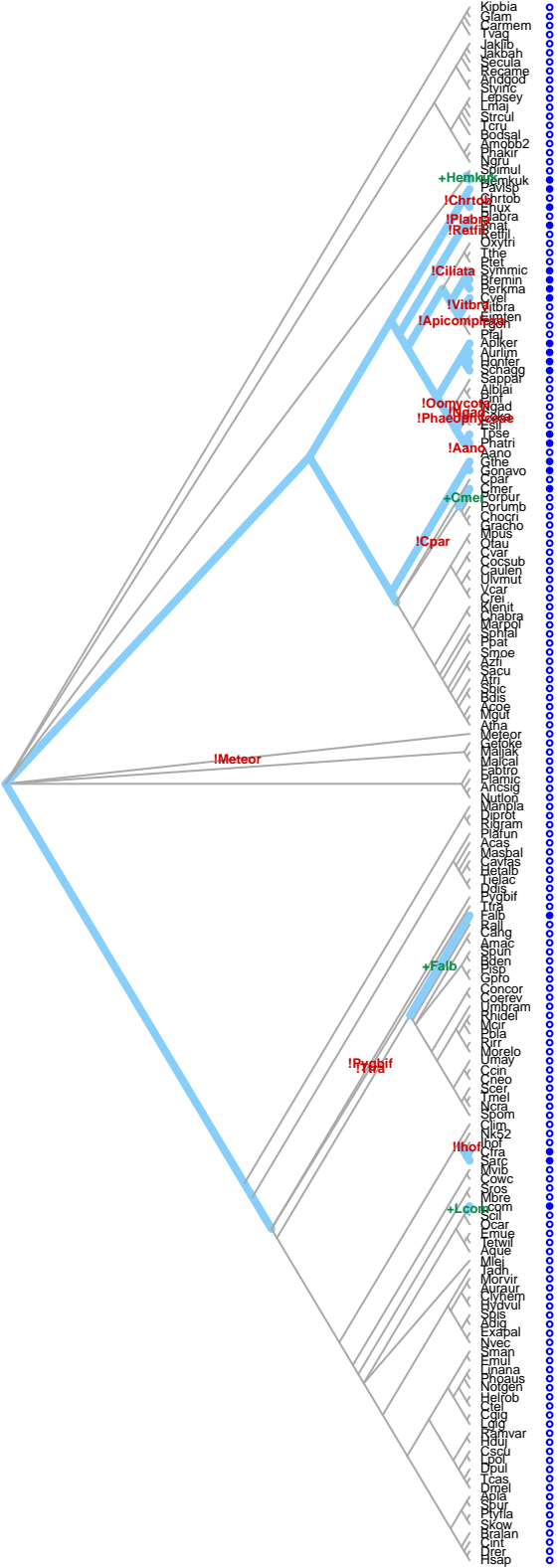
Frequency

SIR2.HG1.6
like:SIRT2/SIRT3

Gain: Gonavo,Diatomista,Alveolata,Fornicata,NA
Presence Eukaryota prob = 0.00
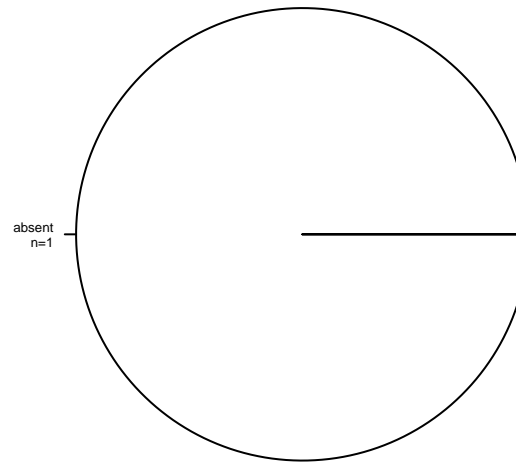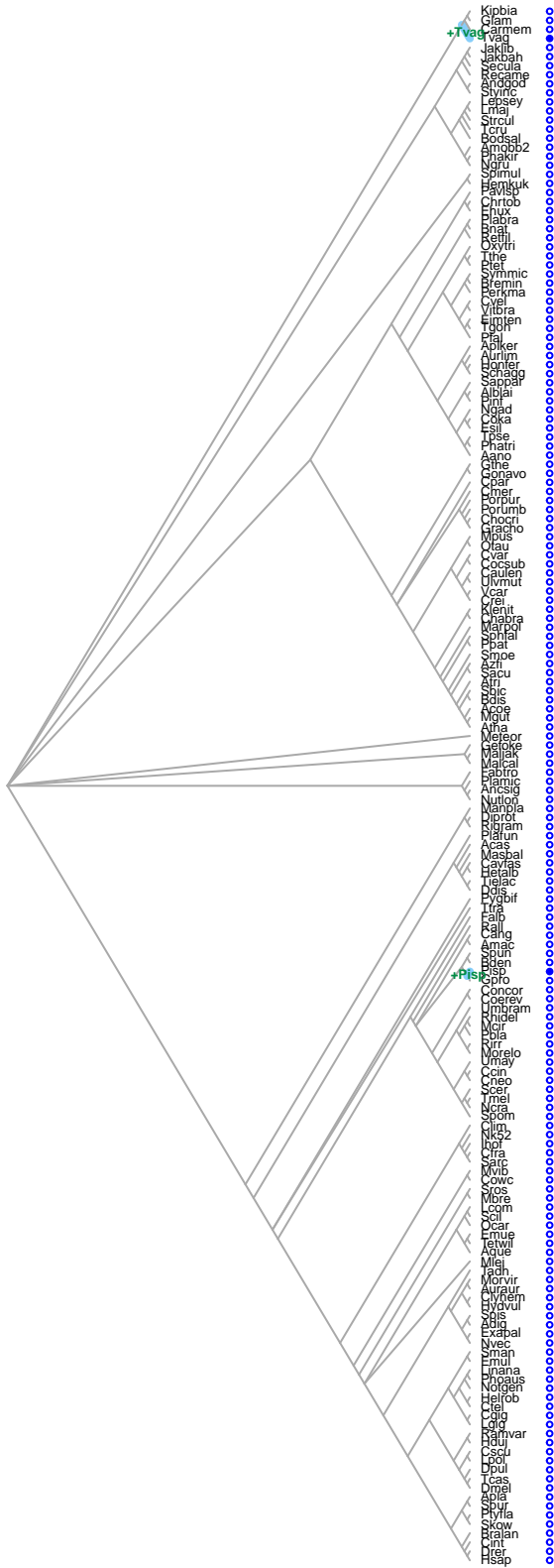Present: 10
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency
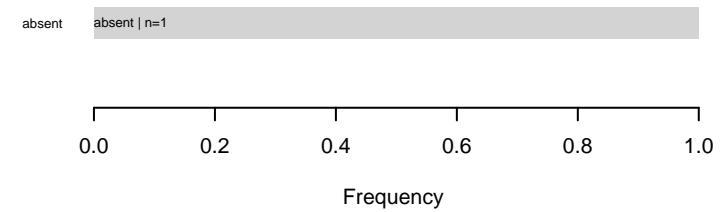
SIR2.HG1.7
like:SIRT2/SIRT3

Gain: Lcom,Falb,Cmer,Hemkuk,NA
Presence Eukaryota prob = 0.56
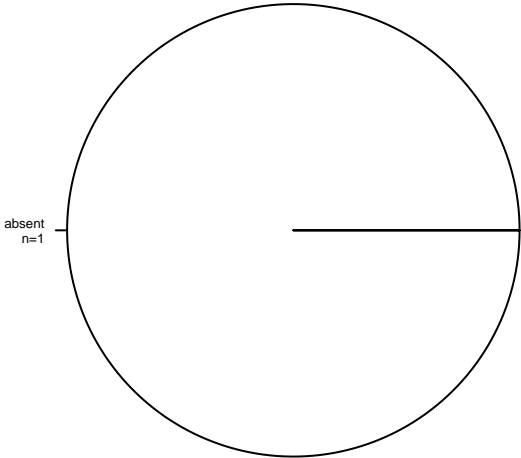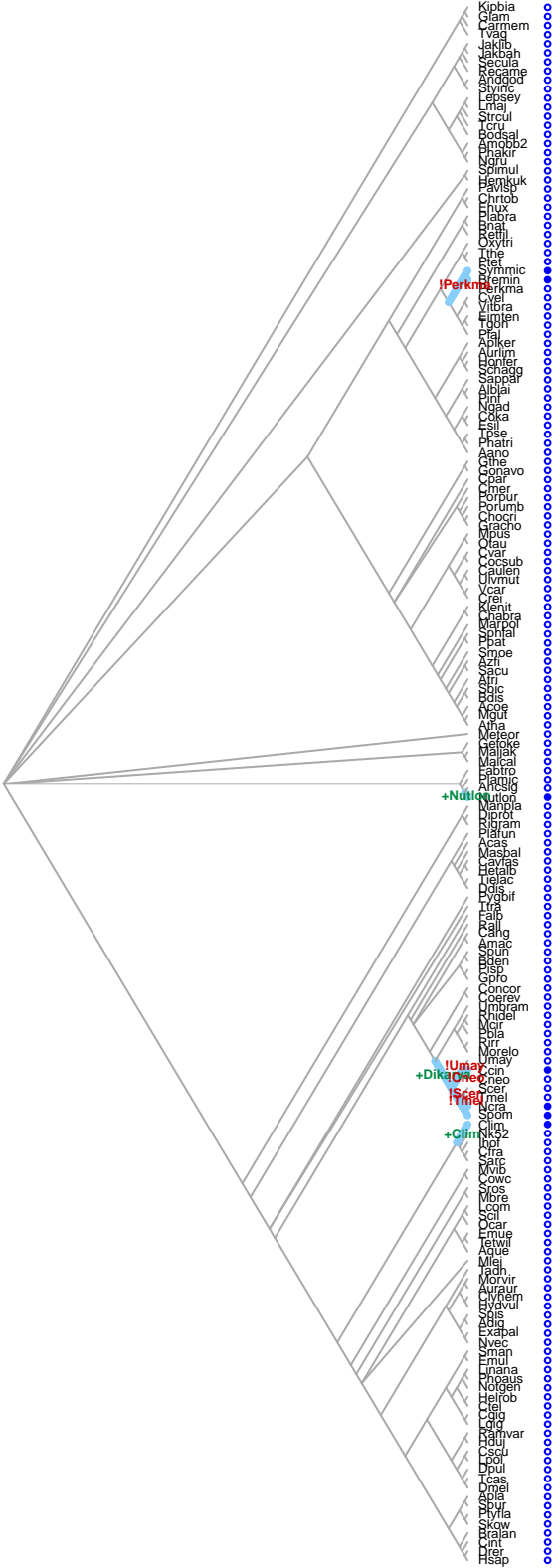Present: 21
Losses: NA

absent
n=1

absent | n=1

Frequency

SIR2.HG1.8
like:SIRT2/SIRT3

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

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG1.9
like:SIRT2/SIRT3
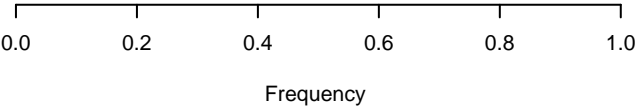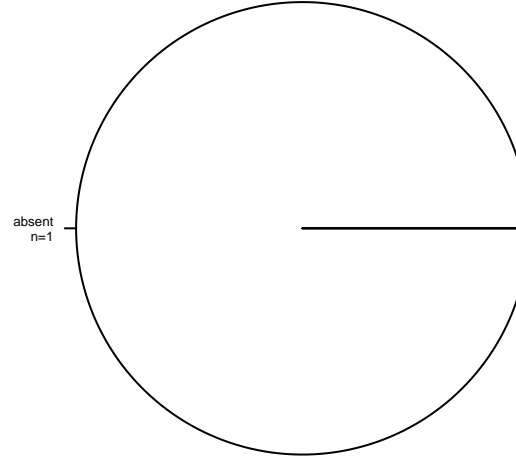

Gain: Clim,Dikarya,Nutlon,NA
Presence Eukaryota prob = 0.01
Present: 7
Losses: NA

absent
n=1

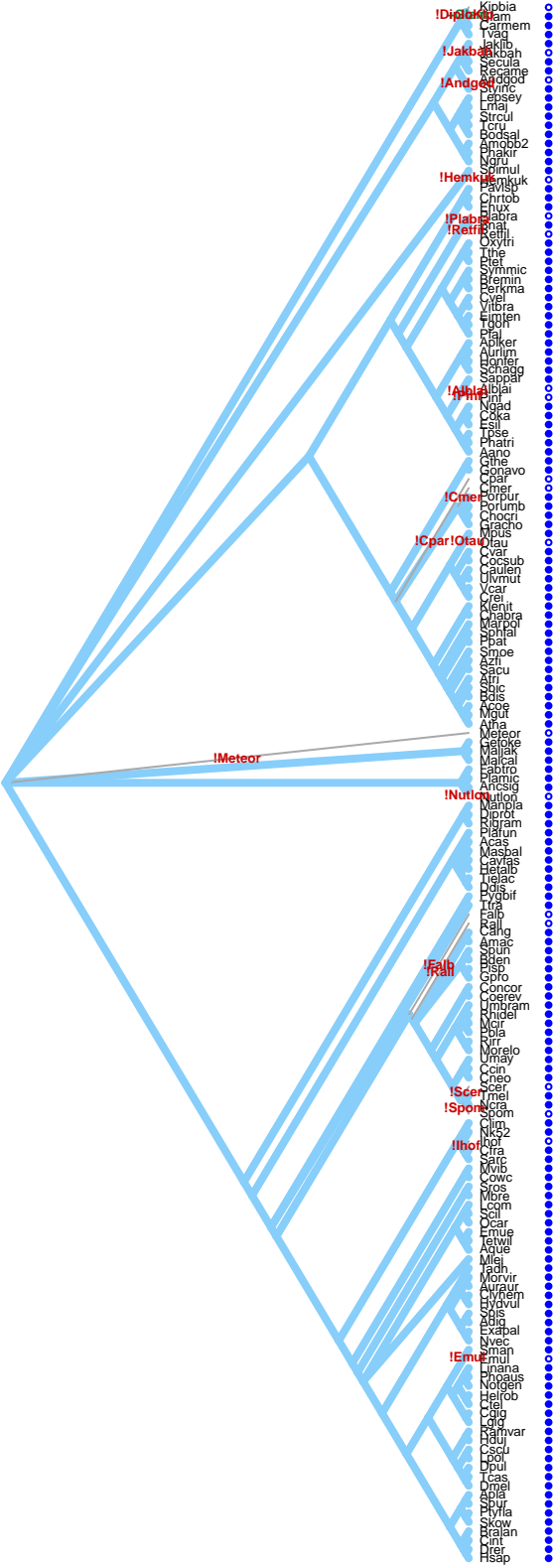absent | absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG2.0
like:SIRT4/SIRT5
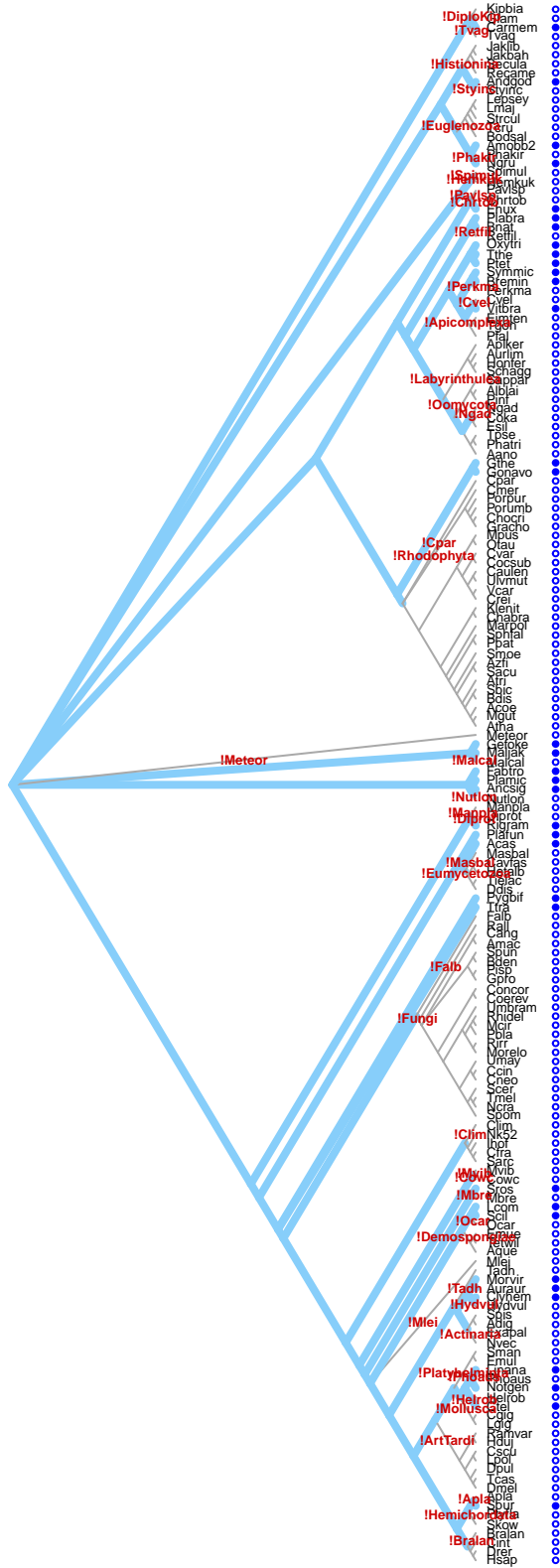
Gain: NA
Presence Eukaryota prob = 1.00
Present: 35
Losses: NA

absent
n=1

absent | n=1

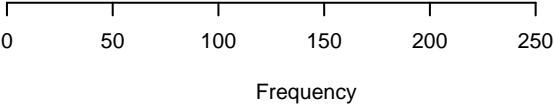|					
0.0	0.2	0.4	0.6	0.8	1.0

Frequency
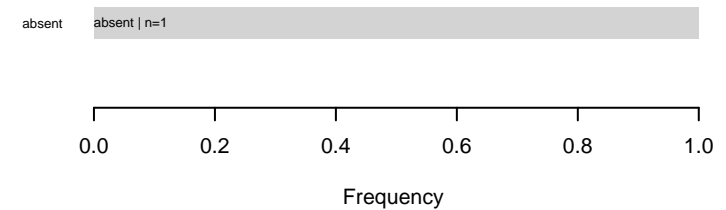
SIR2.HG2.1
SIRT4/SIRT5

Gain: Glam,NA
Presence Eukaryota prob = 1.00
Present: 153
Losses: NA
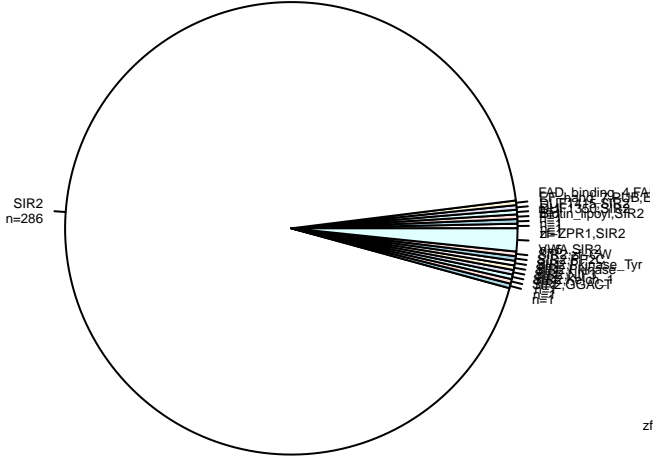
zf-ZPR1,SIR2 — zf-ZPR1,SIR2 | n=5
VWA,SIR2 — VWA,SIR2 | n=1
SIR2,zf-CW — SIR2,zf-CW | n=1
SIR2,PP2C — SIR2,PP2C | n=1
SIR2,Pkinase_Tyr — SIR2,Pkinase_Tyr | n=1
SIR2,Pkinase — SIR2,Pkinase | n=1
SIR2,NIF3 — SIR2,NIF3 | n=1
SIR2,Kelch_1 — SIR2,Kelch_1 | n=1
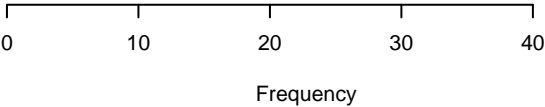SIR2,GGACT — SIR2,GGACT | n=1
SIR2 — SIR2 | n=286
FAD_binding_4,FAD-oxidase_C,SIR2 — FAD_binding_4,FAD-oxidase_C,SIR2 | n=1
EF-hand_7,PUB,EF-hand_5,SIR2 — EF-hand_7,PUB,EF-hand_5,SIR2 | n=1
DUF1415,SIR2 — DUF1415,SIR2 | n=1
DUF1350,SIR2 — DUF1350,SIR2 | n=1
Biotin_lipoyl,SIR2 — Biotin_lipoyl,SIR2 | n=1
| n=1

0   50   100   150   200   250

Frequency

SIR2.HG3.0
SIRT7

+Haptista
+Cvel
+Mpus
+Klenit
+Holozoa

!Clim
!SarcCora
!Demospongiae
!Aurau
!Hydrozoa
!Mlei
!Dpul

SIR2
n=46

Sulfotransfer_1,SIR
n=1
SIR2,zf-A20
n=1
SIR2,Ras
n=1

Gain: Holozoa,Klenit,Mpus,Cvel,Haptista,NA
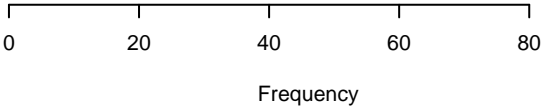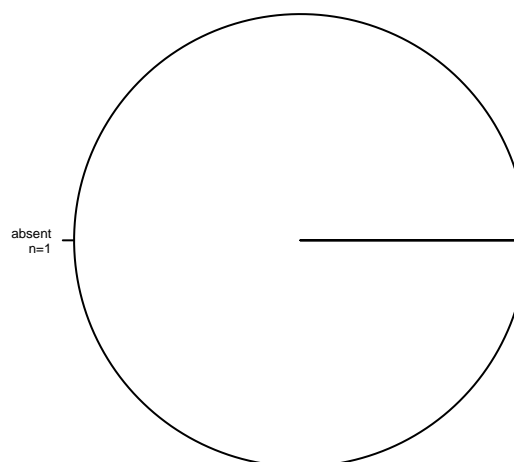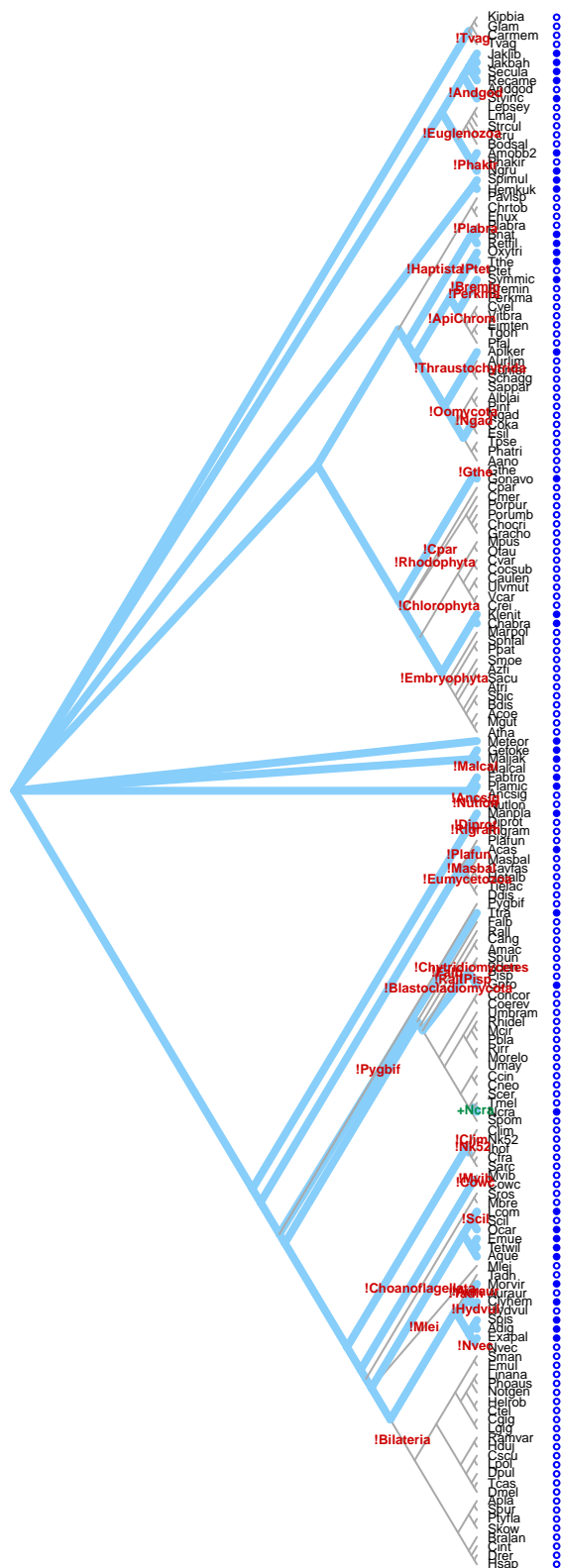Presence Eukaryota prob = 0.00
Present: 44
Losses: NA

Sulfotransfer_1,SIR2   Sulfotransfer_1,SIR2 | n=1

SIR2,zf-A20   SIR2,zf-A20 | n=1

SIR2,Ras   SIR2,Ras | n=1

SIR2   SIR2 | n=46

0   10   20   30   40

Frequency

SIR2.HG3.1
SIRT6

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

SIR2
n=93

Y_phosphatase,SI
UQ_con,SIR2
SIR2,RT_RNaseH_
n=1
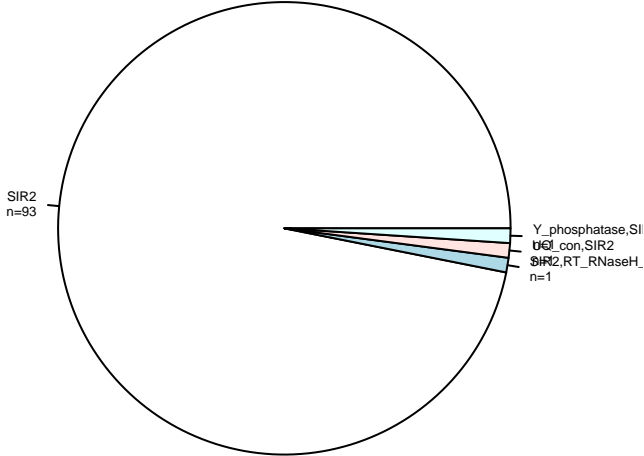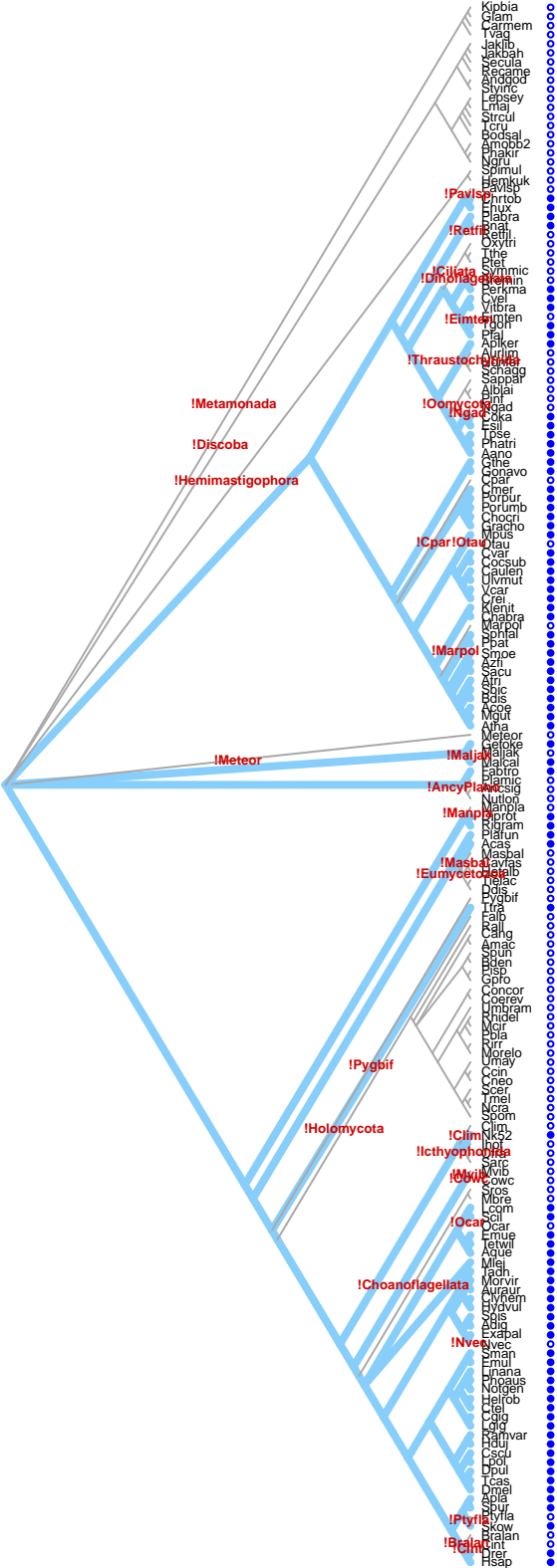
Y_phosphatase,SIR2   Y_phosphatase,SIR2 | n=1

UQ_con,SIR2   UQ_con,SIR2 | n=1

SIR2,RT_RNaseH_2,Integrase_H2C2   SIR2,RT_RNaseH_2,Integrase_H2C2 | n=1

SIR2   SIR2 | n=93

0   20   40   60   80

Frequency

SIR2.HG3.10
like:SIRT6
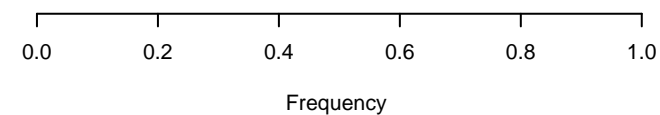
Gain: Ncra,NA
Presence Eukaryota prob = 1.00
Present: 38
Losses: NA

SIR2.HG3.11
like:SIRT6
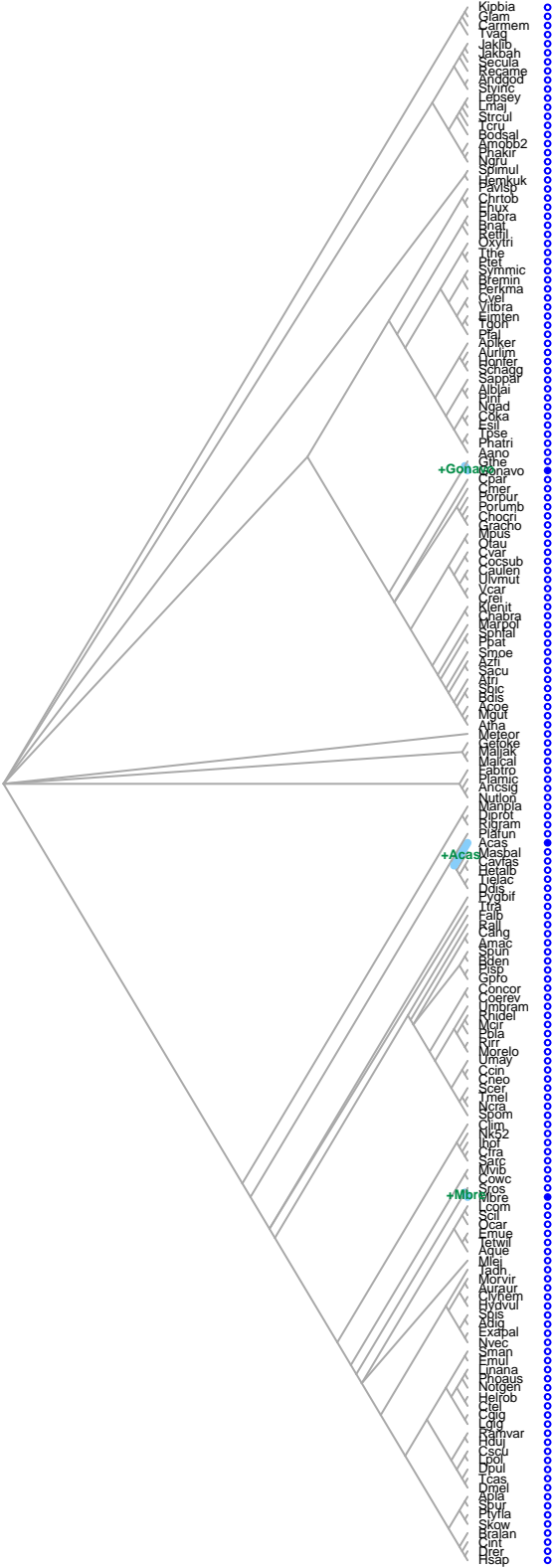
+Gonavo
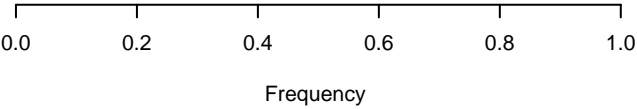
+Acas

+Mbre
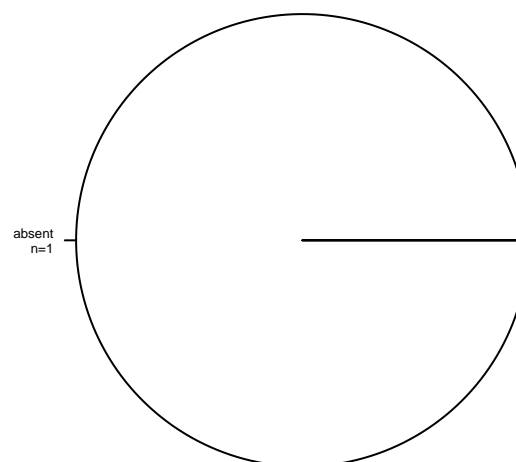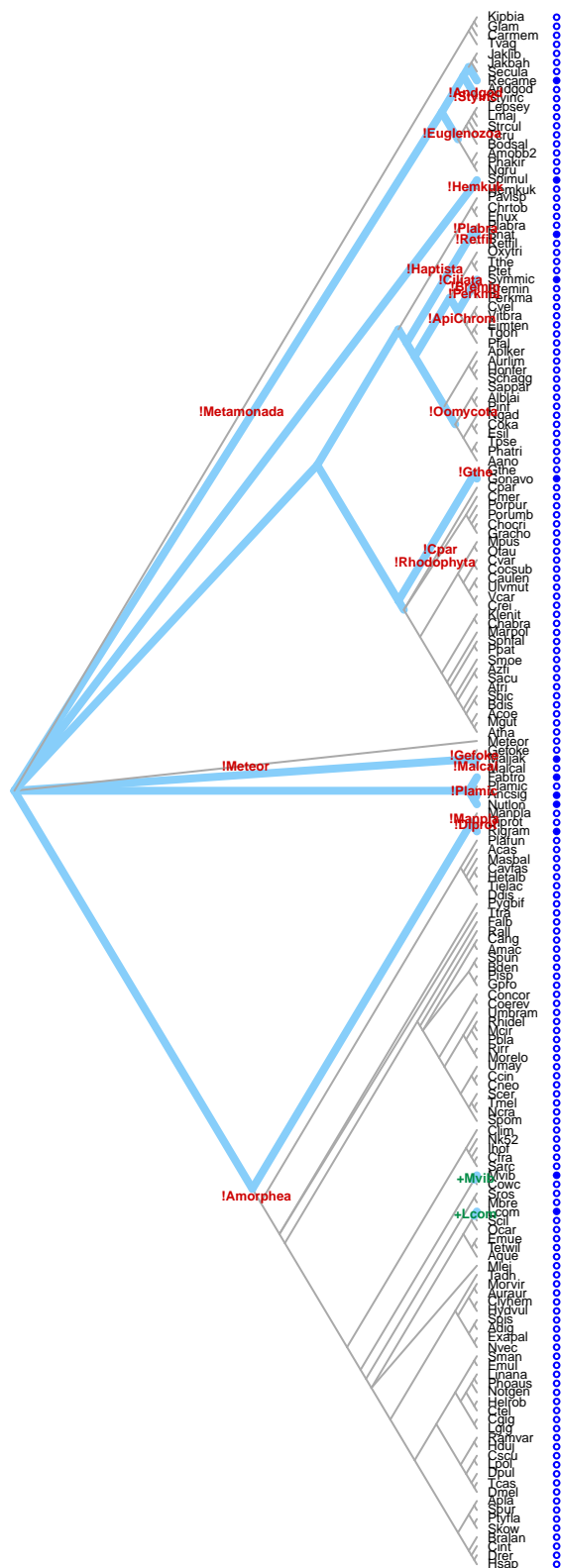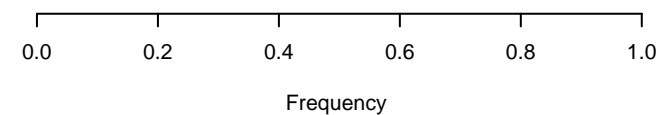
absent
n=1

Gain: Mbre,Acas,Gonavo,NA
Presence Eukaryota prob = 0.03
Present: 3
Losses: NA

absent | n=1

0.0	0.2	0.4	0.6	0.8	1.0

Frequency

SIR2.HG3.12
like:SIRT6

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

absent
n=1

absent   absent | n=1

Frequency

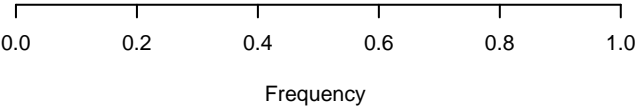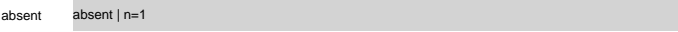0.0   0.2   0.4   0.6   0.8   1.0
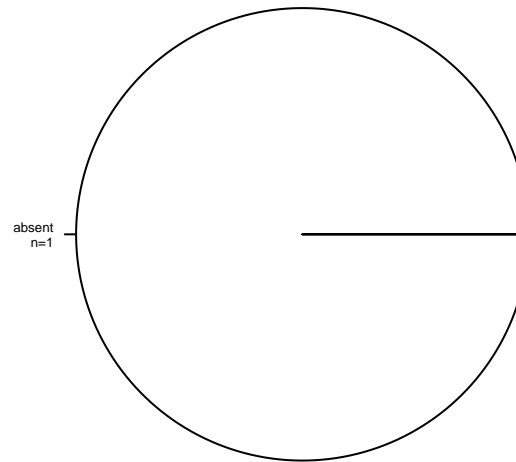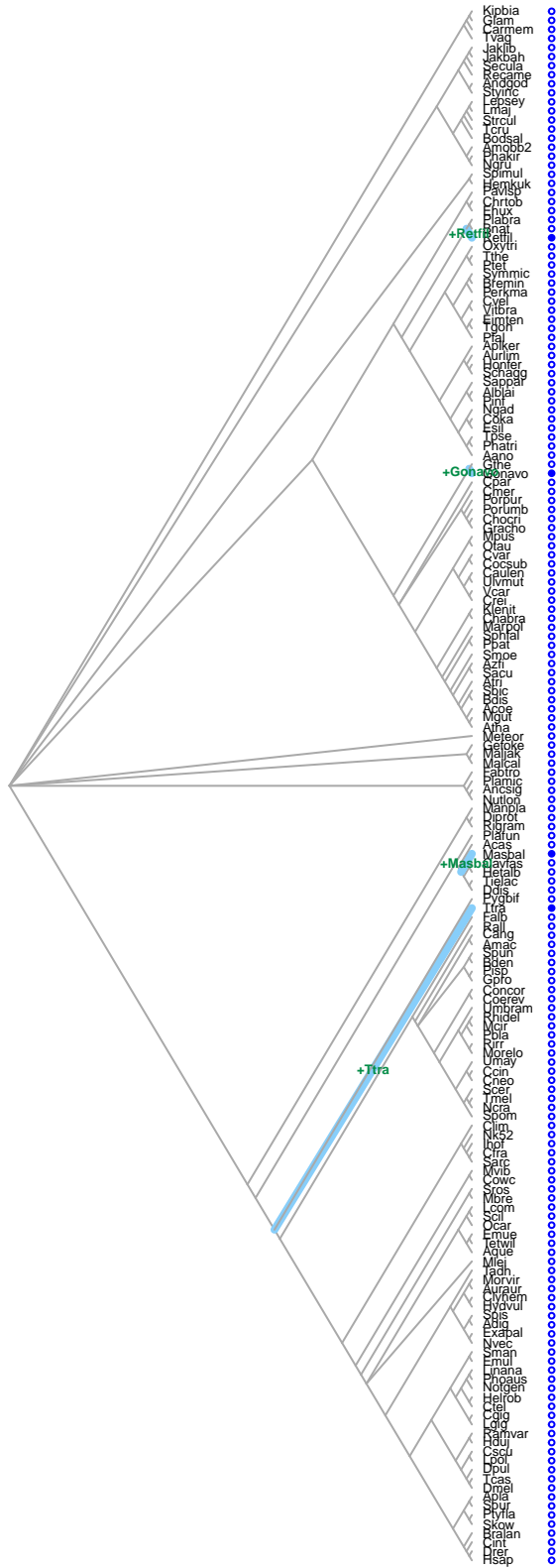
SIR2.HG3.13
like:SIRT6
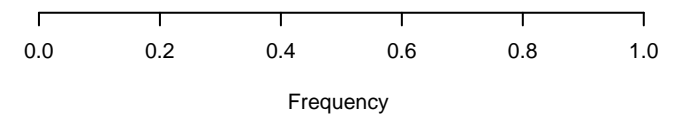
Gain: Ttra,Masbal,Gonavo,Retfil,NA
Presence Eukaryota prob = 0.03
Present: 4
Losses: NA

absent
n=1

absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG3.14
like:SIRT6

Gain: NA
Presence Eukaryota prob = 0.98
Present: 9
Losses: NA

absent
n=1

absent | n=1

Frequency

SIR2.HG3.2
like:SIRT6

+Hemimastigophora

+Bnat

+Gonavo

!Eumycetozoa
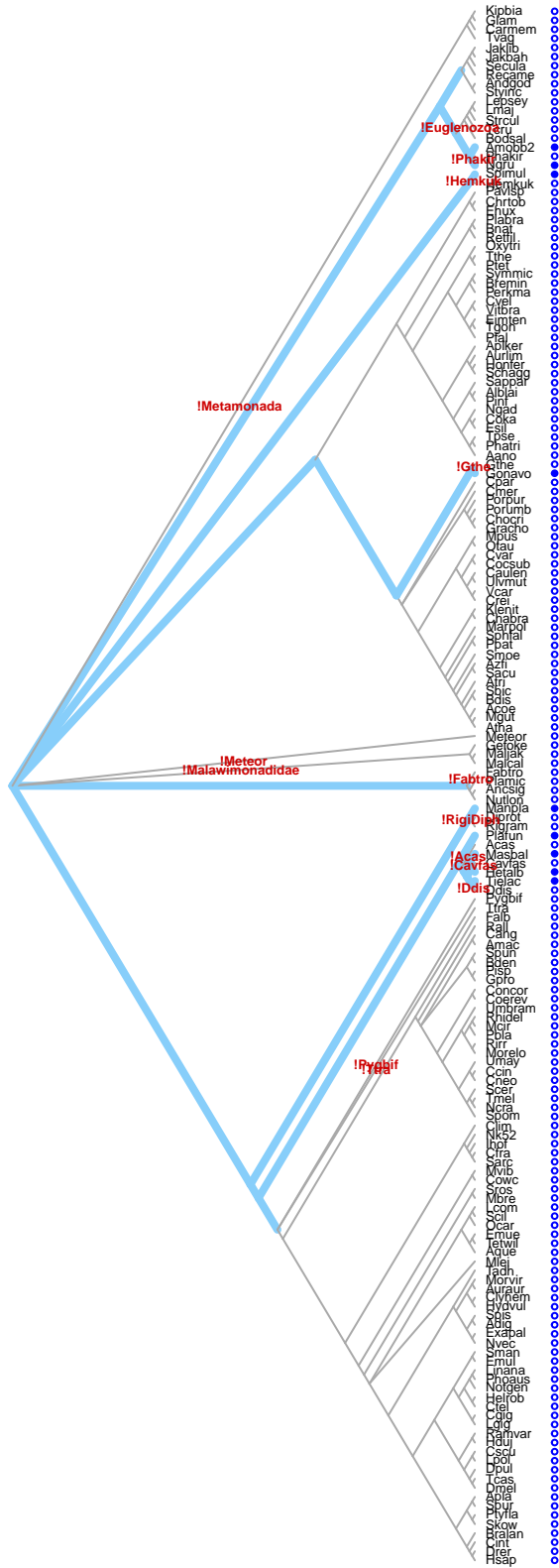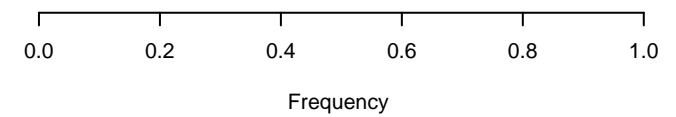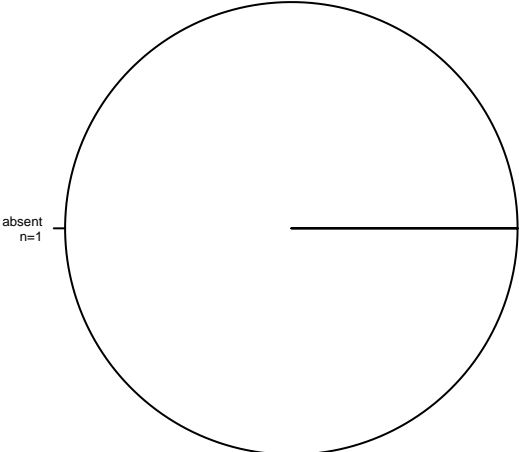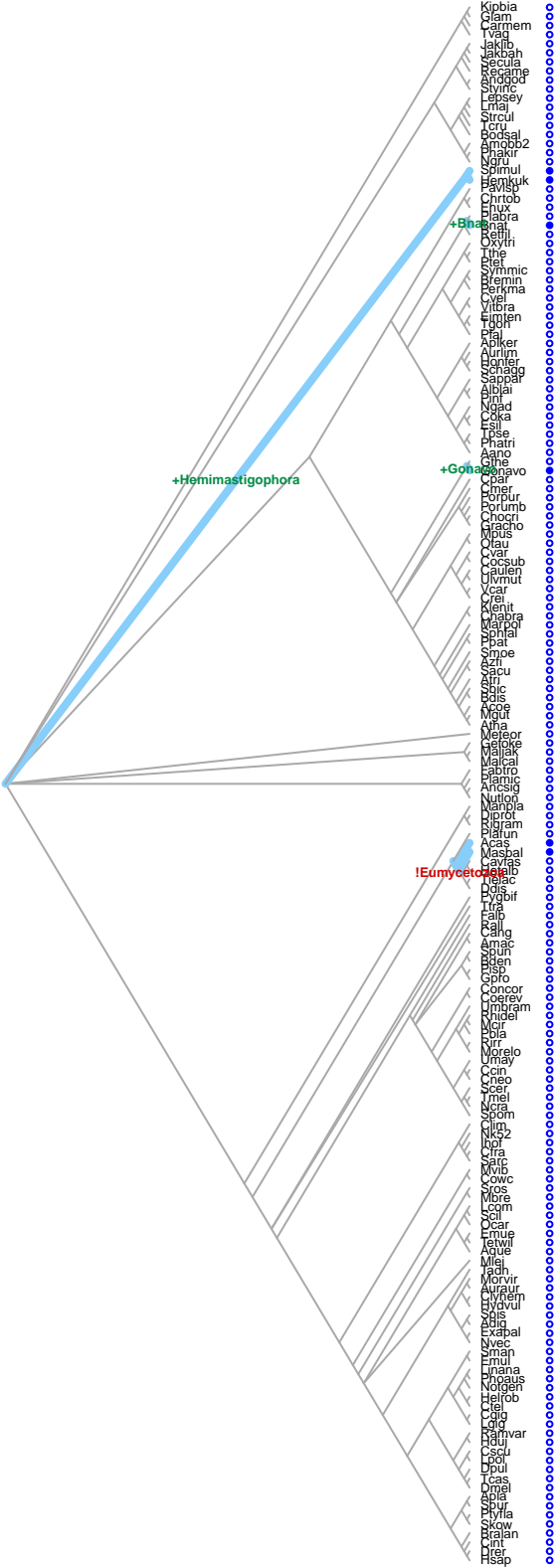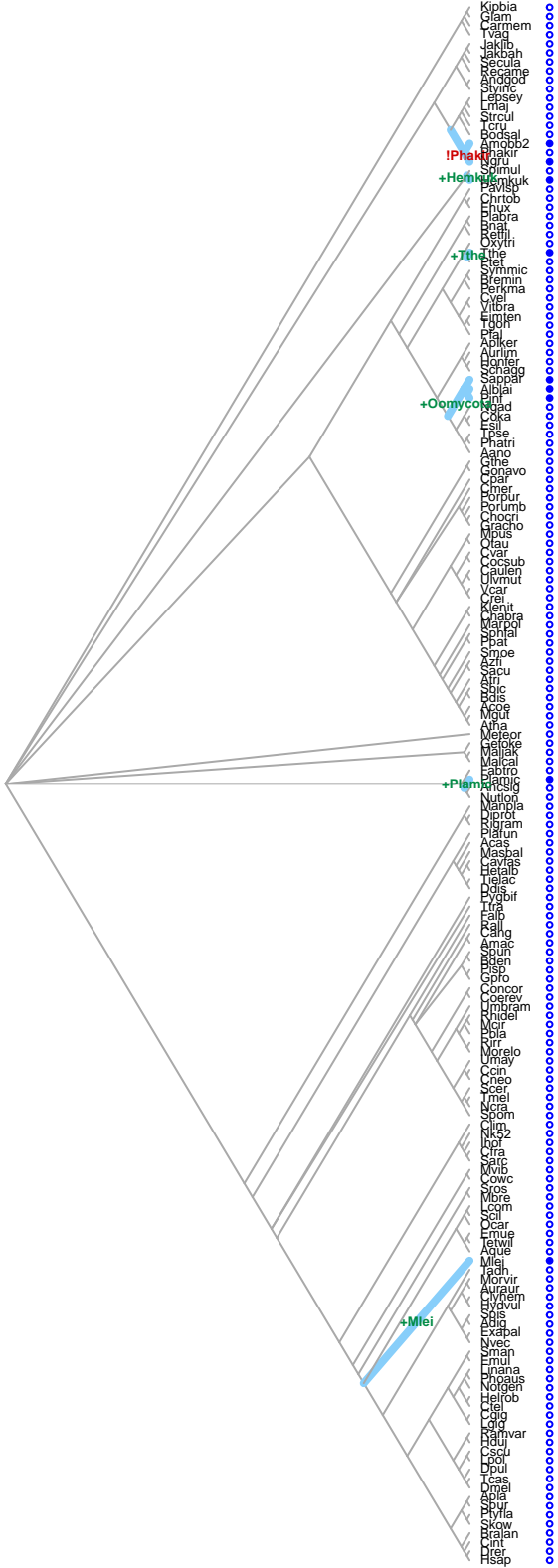
Gain: Gonavo,Bnat,Hemimastigophora,NA
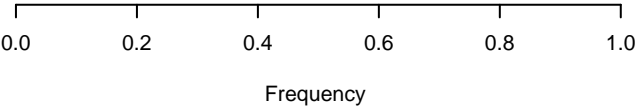Presence Eukaryota prob = 0.15
Present: 6
Losses: NA
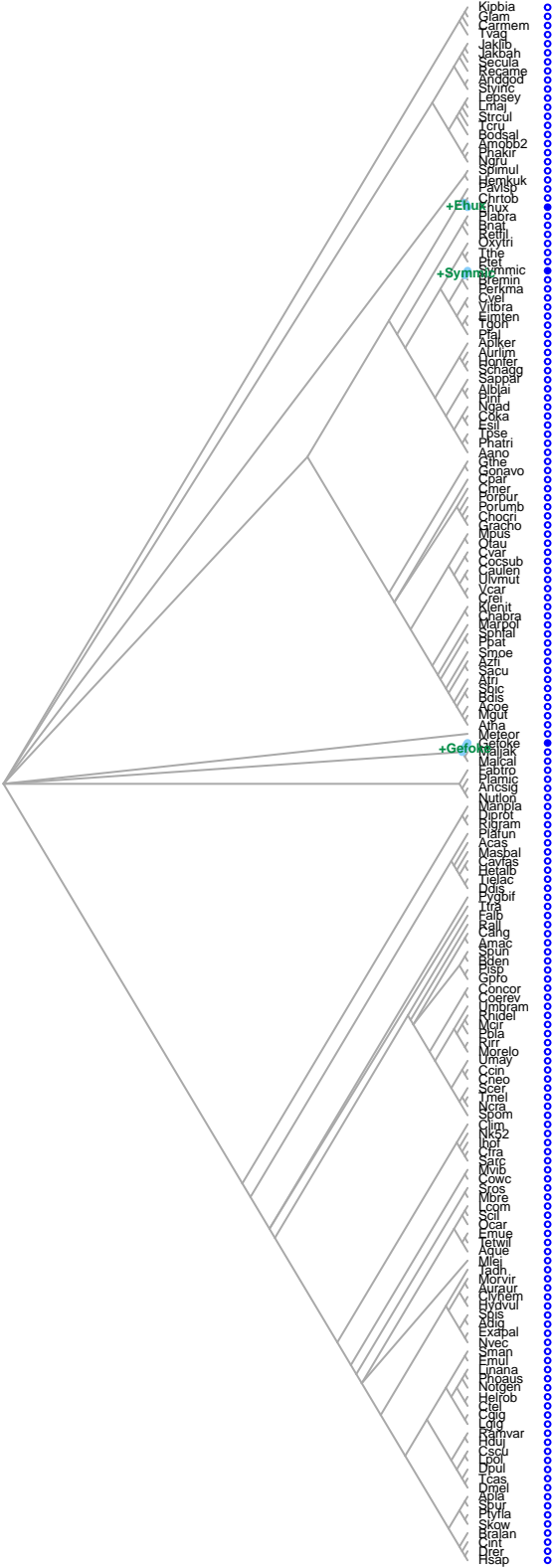
absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG3.3
like:SIRT6

Gain: Mlei,Plamic,Oomycota,Tthe,Hemkuk,NA
Presence Eukaryota prob = 0.14
Present: 9
Losses: NA

absent
n=1

absent   absent | n=1

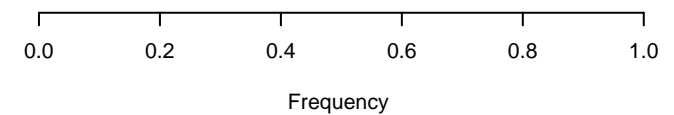0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG3.4
like:SIRT6
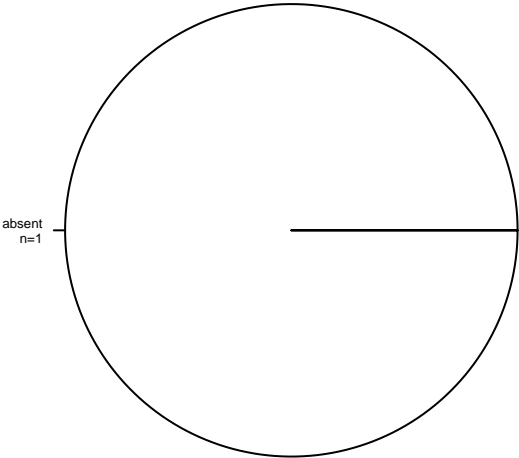
Gain: Gefoke,Symmic,Ehux,NA
Presence Eukaryota prob = 0.14
Present: 3
Losses: NA

+Ehux
+Symmic
+Gefoke

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG3.5
like:SIRT6

Gain: NA
Presence Eukaryota prob = 0.91
Present: 4
Losses: NA

absent
n=1

absent   absent | n=1

Frequency

SIR2.HG3.6
like:SIRT6

Gain: NA
Presence Eukaryota prob = 0.96
Present: 9
Losses: NA

absent
n=1

absent | n=1

Frequency

0.0   0.2   0.4   0.6   0.8   1.0
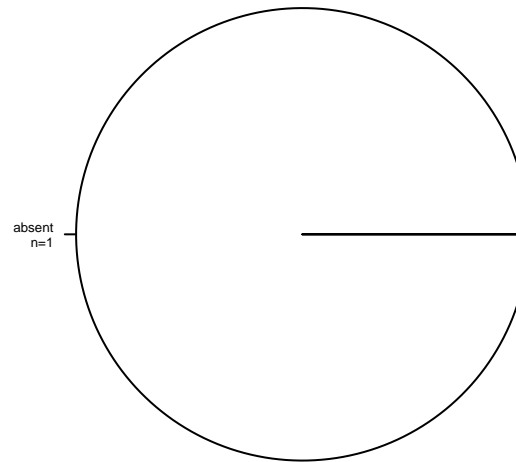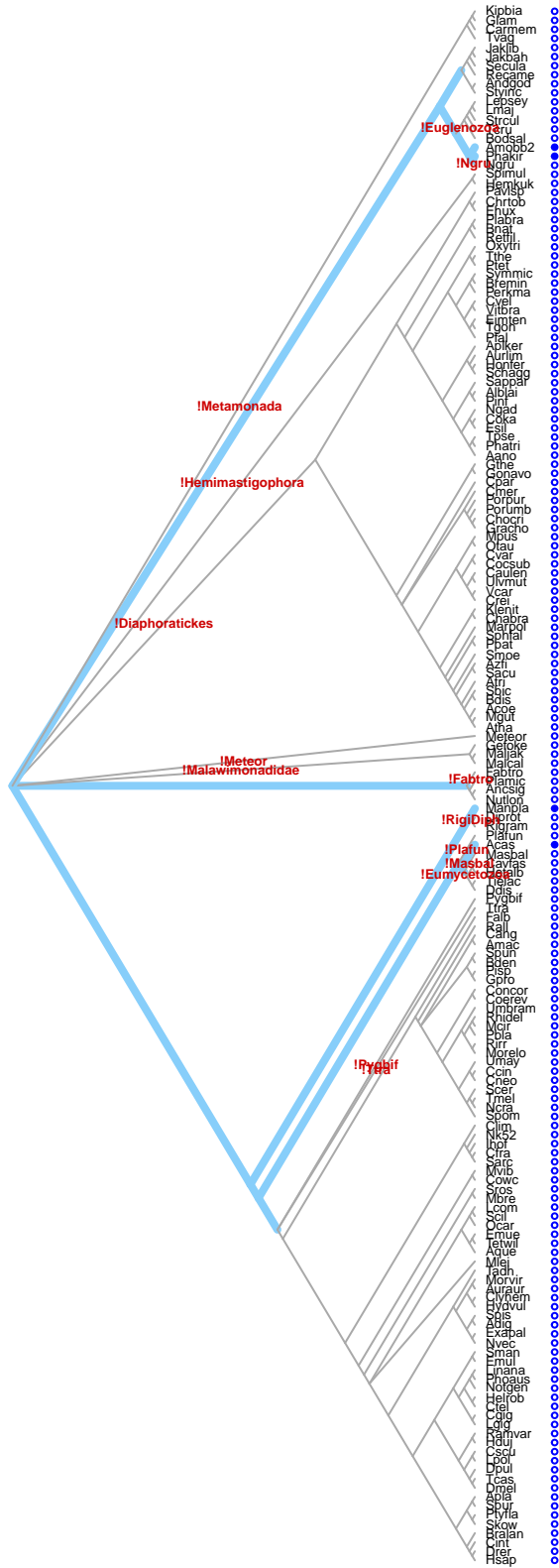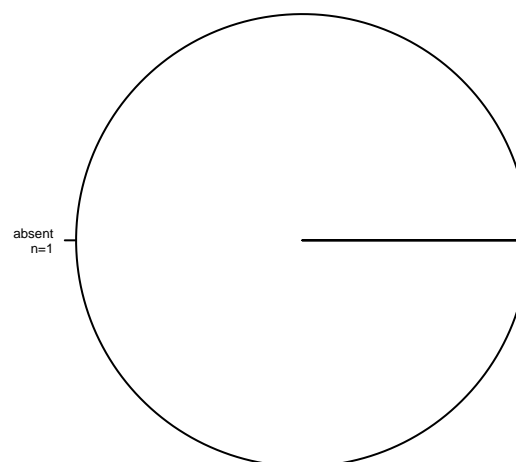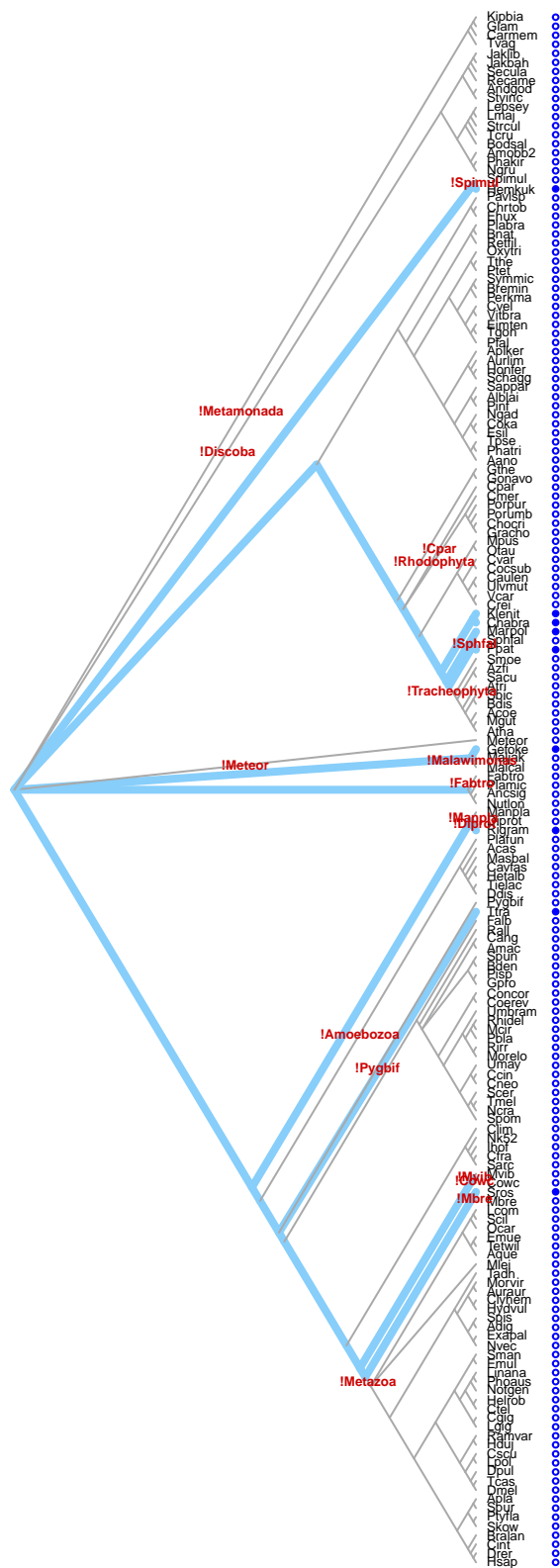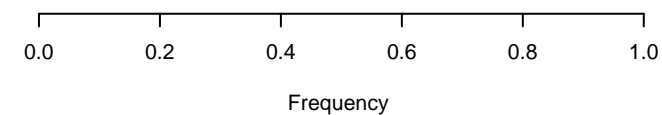
SIR2.HG3.7
like:SIRT6
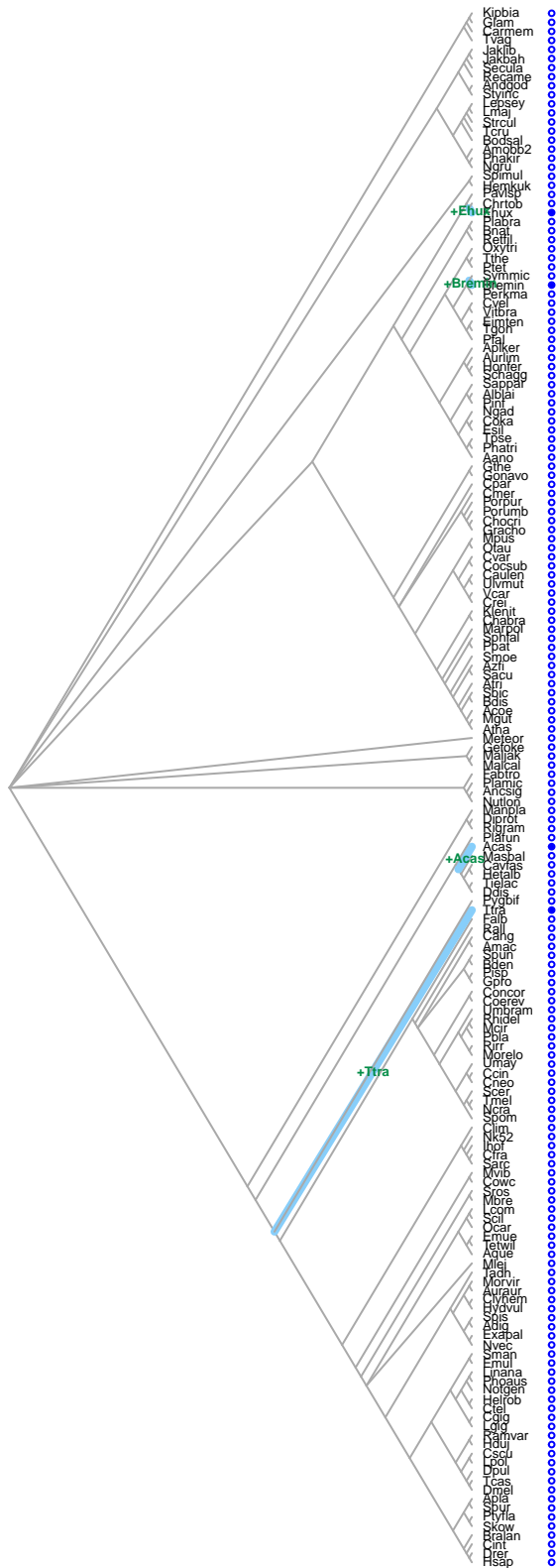
Gain: Ttra,Acas,Bremin,Ehux,NA
Presence Eukaryota prob = 0.22
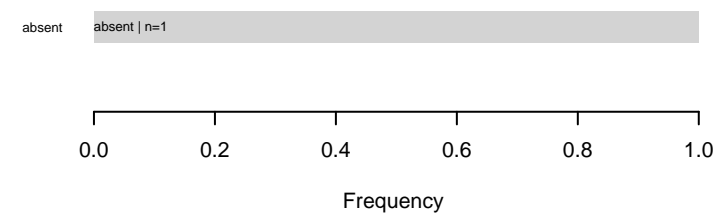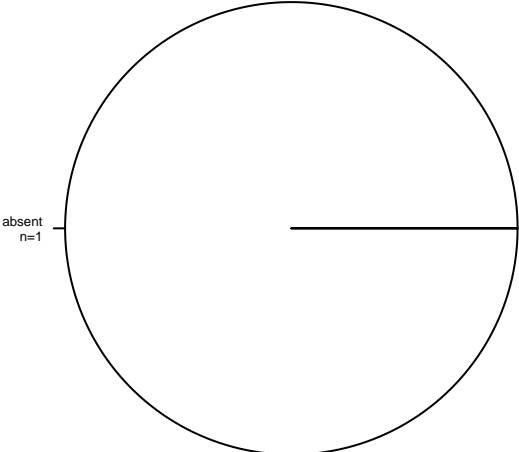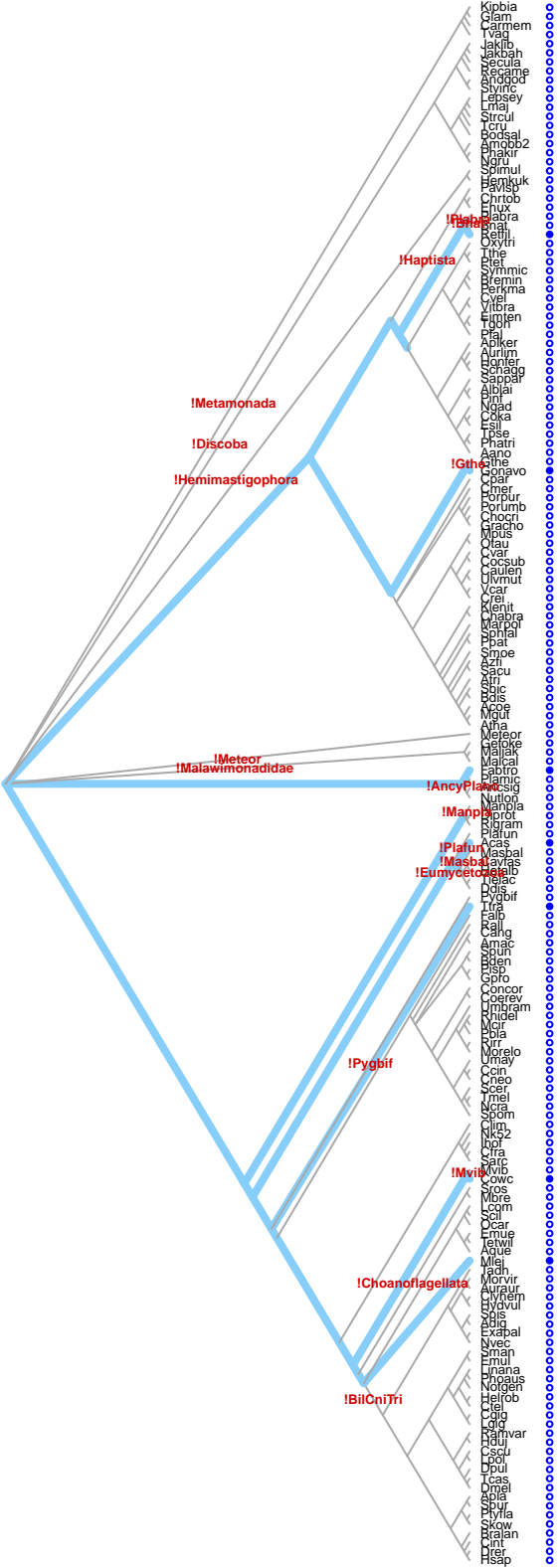Present: 4
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0
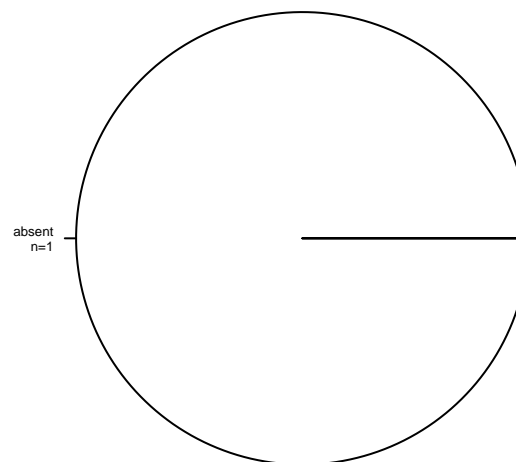
Frequency

SIR2.HG3.8
like:SIRT6

Gain: NA
Presence Eukaryota prob = 0.89
Present: 7
Losses: NA

absent
n=1

absent   absent | n=1

0.0   0.2   0.4   0.6   0.8   1.0

Frequency

SIR2.HG3.9
like:SIRT6

Gain: Gpro,NA
Presence Eukaryota prob = 0.97
Present: 19
Losses: NA

absent | n=1

Frequency