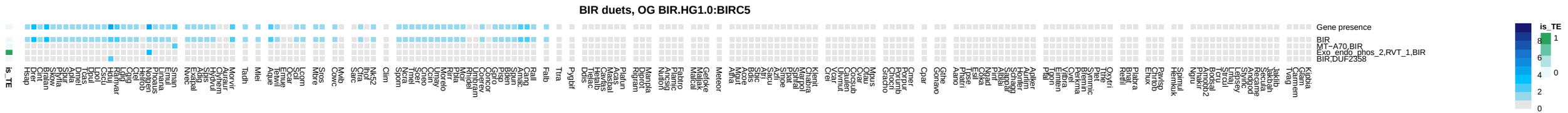
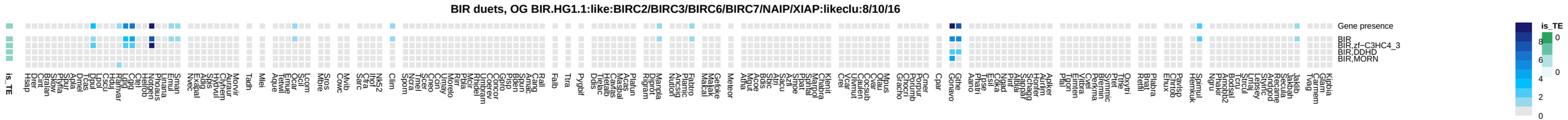
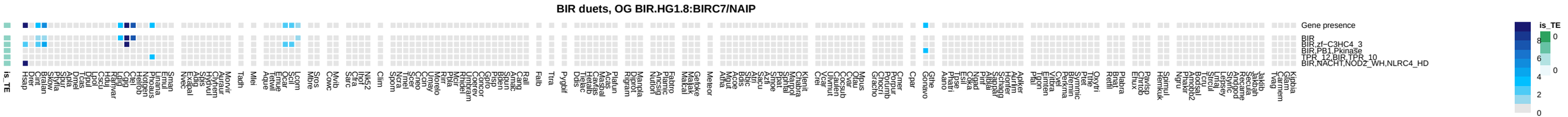
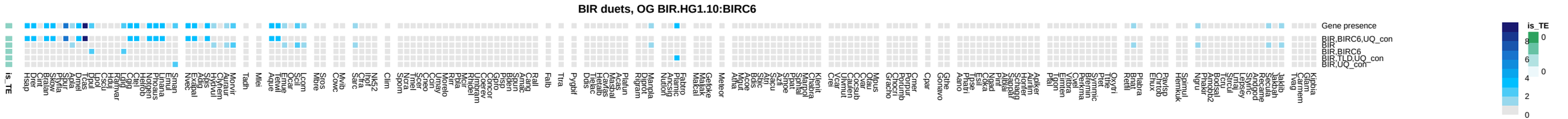
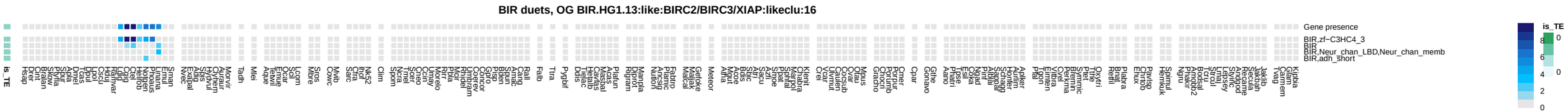
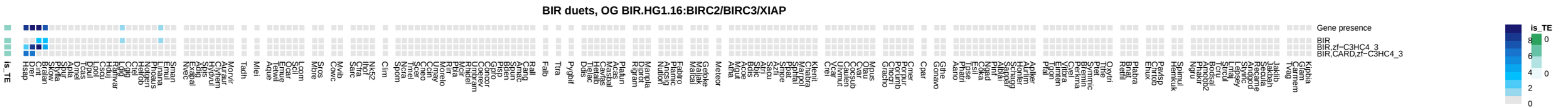

BIR duets, OG BIR.HG1.0:BIRC5
Gene presence
BIR
MT−A70,BIR
Exo_endo_phos_2,RVT_1,BIR
BIR;DUF2358
is_TE
is_TE
8
6
4
2
0
1
0

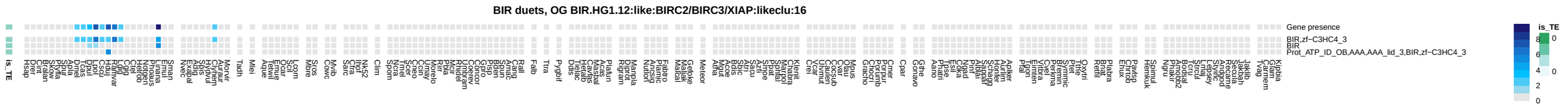

BIR duets, OG BIR.HG1.1:like:BIRC2/BIRC3/BIRC6/BIRC7/NAIP/XIAP:likeclu:8/10/16
Gene presence
BIR
BIR,zf−C3HC4_3
BIR,DDHD
BIR,MORN
is_TE
0
0
is_TE
8
6
4
2
0
is_TE
Hsap
Ptro
Ggor
Pabe
Nsyl
Mfas
Ppan
Ptes
Mmul
Cjac
Csab
Lpod
Lpol
Ttru
Rbiv
Lalb
Ccal
Cjal
Rattvar
Ctel
Hgal
Ncan
Nleucogenys
Hmon
Lhana
Sman
Emul
Ocun
Ocar
Emue
Ttrivi
Aque
Scom
Lcom
Spos
More
Mvib
Cowc
Nvi52
Inv2
Cfra
Sarc
Clim
Spom
Ncra
Tmel
Cneo
Can
Umay
Umrelo
Umzea
Kmar
Kmdel
Pbla
Rirr
Ptri
Pisp
Gpro
Gfrac
Coerev
Umbram
Rall
Cang
Amac
Ataus
Bbem
Bbem
Bbem
Tbelc
Dds
Platun
Acas
Masfal
Hetalb
Hetalb
Dipcot
Rigram
Mampla
Nuflor
Arcsig
Fabtric
Plamic
Gelcke
Ikuka
Malcal
Meteor
Atha
Mgut
Acose
Sbic
Atri
Szalu
Sfrce
Mus
Otolur
Cvar
Cocsub
Umuut
Umrut
Vcar
Crei
Klenit
Chabra
Marpol
Sarpal
Phat
Cmer
Porpur
Porumb
Gracho
Cpar
Ghe
Gonavo
Ankker
Aurlim
Honter
Schagg
Albfal
Pnr
Nvel
Cokal
Esil
Pbse
Aano
Ovvi
Ovvri
Pter
Symmic
Petrma
Cyel
Vlibra
Elimen
Tmon
Pfal
Pbabra
Retfil
Ehux
Pavlsp
Chrlob
Samul
Hemkuk
Amdb2
Amdbr
Ngru
Bodsal
Tcru
Tcruul
Lmaj
Lepsey
Smicd
Smicd
Acaste
Recame
Secula
Jakfla
Jakfla
Klebia
Glam
Carmem
Twag
Klebia
Glam
Carmem
Twag


BIR duets, OG BIR.HG1.8:BIRC7/NAIP
Gene presence
BIR
BIR,zf−C3HC4_3
BIR,PB1,Pkinase
TPR_12,BIR,TPR_10
BIR,NACHT,NODZ_WH,NLRC4_HD
is_TE
0
8
6
4
2
0
0
is_TE
Hsap
Cint
Ler
Bralan
Spur
Skowa
Ama
Dpul
Tcas
Csol
Hdu
Rhiwar
Cpig
Cjap
Cel
Helrob
Nvit
Phoaus
Emul
Linana
Sman
Mpovir
Aurtur
Cvirgin
Hvulgari
Sfrs
Aqcal
Evcal
Nvec
Tadh
Mlei
Aque
Tetwil
Emue
Cscur
Lcom
Scil
Mbre
Spos
Cowc
Mvib
Sarc
Dpt
Nfs2
Clim
Spom
Scer
Tmel
Ncra
Cneo
Umay
Morelo
Rir
Mlk
Mcir
Rhidel
Umbham
Cneofo
Concor
Gorlo
Bfuch
Spun
Sjun
Amac
Pall
Cauang
Fall
Falb
Tra
Pygbif
Dais
Tielac
Cavdis
Mashal
Acas
Platun
Rigram
Dipot
Mannpla
Nutcr
Arcsig
Fabro
Malcal
Malek
Gefoke
Meteor
Alha
Acoe
Aqfo
Bdis
Stic
Aacu
Azfi
Shoe
Spinal
Marpol
Chaeha
Klanit
Cauen
Cocsub
Cau
Cdu
Mpus
Vcarnut
Crel
Cpar
Cmar
Pmur
Porumb
Chocri
Gracho
Gthe
Gonavo
Aaeo
Phatri
Tpse
Esi
Ngad
Pinf
Ssalgar
Sdul
Schagg
Honter
Aulvin
Aulker
Pfal
Emen
Eumen
Vitbra
Cekrma
Bfemin
Symmic
Ptle
Oxyri
Rettil
Bmal
Pbabra
Elux
Chrob
Pavlsp
Henkuk
Spimul
Ngru
Phakir
Amobb2
Bodsal
Sucul
Lmal
Lbayley
Ecsyne
Rescame
Andgod
Sacpal
Jakob
Jaklib
Kiobia
Carmem
Tvag
Gam


BIR duets, OG BIR.HG1.10:BIRC6
Gene presence
BIR,BIRC6,UQ_con
BIR
BIR,BIRC6
BIR,TLD,UQ_con
BIR,UQ_con
is_TE
8
6
4
2
0
0
0


BIR duets, OG BIR.HG1.13:like:BIRC2/BIRC3/XIAP:likeclu:16
Gene presence
BIR,zf−C3HC4_3
BIR,Neur_chan_LBD,Neur_chan_memb
BIR,adh_Short
is_TE
is_TE
8
6
4
2
0
0
0


BIR duets, OG BIR.HG1.16:BIRC2/BIRC3/XIAP
Gene presence
BIR
BIR,zf−C3HC4_3
BIR,CARD,zf−C3HC4_3
is_TE
is_TE
8
6
4
2
0
0
0


BIR duets, OG BIR.HG1.12:like:BIRC2/BIRC3/XIAP:likeclu:16
is_TE
Gene presence
BIR.zf−C3HC4_3
BIR
Prot_ATP_ID_OB,AAA,AAA_lid_3,BIR,zf−C3HC4_3
is_TE
8
6
4
2
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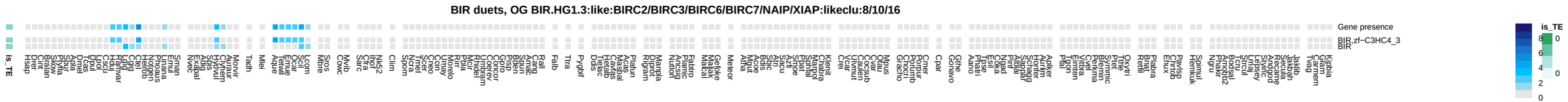
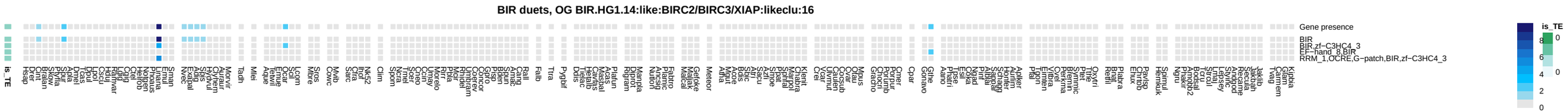
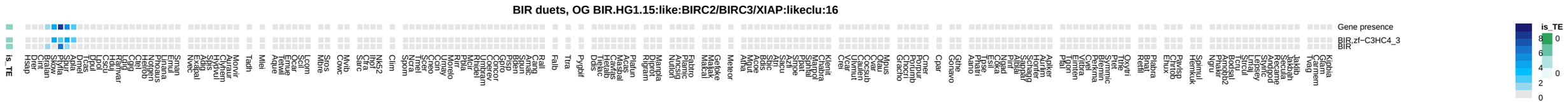
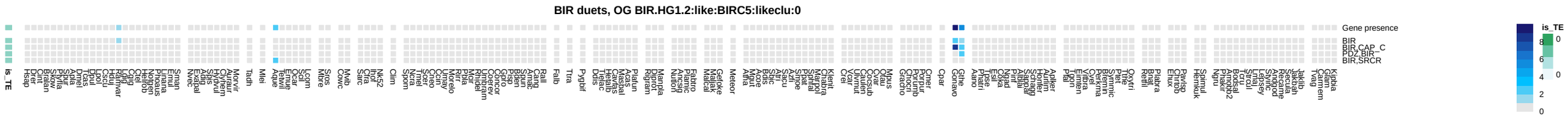
0
0


BIR duets, OG BIR.HG1.3:like:BIRC2/BIRC3/BIRC6/BIRC7/NAIP/XIAP:likeclu:8/10/16
Gene presence
BIR.zf−C3HC4_3
BIR
is_TE
is_TE
8
6
4
2
0
0
0


BIR duets, OG BIR.HG1.14:like:BIRC2/BIRC3/XIAP:likeclu:16
Gene presence
BIR
BIR,zf−C3HC4_3
EF−hand_8,BIR
RRM_1,OCRE,G−patch,BIR,zf−C3HC4_3
is_TE
is_TE
8
6
4
2
0
0
0


BIR duets, OG BIR.HG1.15:like:BIRC2/BIRC3/XIAP:likeclu:16
Gene presence
BIR.zf−C3HC4_3
BIR
is_TE
8
6
4
2
0
0
0


BIR duets, OG BIR.HG1.2:like:BIRC5:likeclu:0
Gene presence
BIR
BIR,CAP_C
PDZ,BIR
BIR,SRCR
is_TE
0
0
is_TE
8
6
4
2
0
is_TE
Hsap
Drer
Cmil
Dpan
Skow
Sman
Ptyla
Ptyla
Asal
Dmel
Dmel
Tcas
Dpul
Dpul
Cscu
Hdum
Hdum
Hdumvar
Egig
Egig
Cpig
Cpig
Cfar
Nolgen
Phcaus
Emaculata
Emul
Sman
Mpvir
Aurau
Cyhem
Cyhvul
Sfor
Adig
Exapal
Nvec
Tadh
Mlei
Aque
Cmil
Ccap
Tenvil
Lcom
Scil
Ocar
Sros
Mbre
Mvib
Cowc
Nk52
Ihof
Cfra
Sarc
Clim
Spom
Scra
Tmel
Scer
Cneo
Ccin
Umay
Morelo
Pbla
Pan1
Mgr
Rhmgam
Ccerev
Concor
Psp
Bden
Sjun
Sinun
Rall
Cang
Ancac
Hetalb
Cavfas
Mastal
Dotis
Dotisc
Platun
Cos
Rdrot
Rigran
Manpla
Nution
Arcsig
Plamic
Fabtro
Gefoke
Malcal
Meteor
Alfra
Mgut
Acope
Bdis
Atric
Aznc
Saacu
Azm
Azmoe
Spar
Pbar
Sparfal
Klenit
Nfalbra
Cfer
Vcar
Ucrum
Cousab
Ovar
Olau
Mpus
Gracho
Chocn
Pmrub
Porpur
Cmer
Cpar
Gothe
Gonavo
Aano
Pfatri
Pfale
Esiu
Ecla
Nprad
Cpka
Alpha
Aalpha
Sappal
Sonmer
Aurim
Aulim
Apiker
Pfal
Tgon
Emen
Eimen
Cvel
Cvulg
Perkma
Bfemic
Symmic
Pset
Tthe
Oxydri
Rettil
Bhal
Bnat
Pfabra
Ehux
Chrlob
Pavlsp
Hermuk
Spimul
Ngru
Phakru
Rodsal
Rodsal2
Tcru
Smcu
Lhula
Lepsey
Stylnc
Aequorea
Secula
Jakbah
Jakfib
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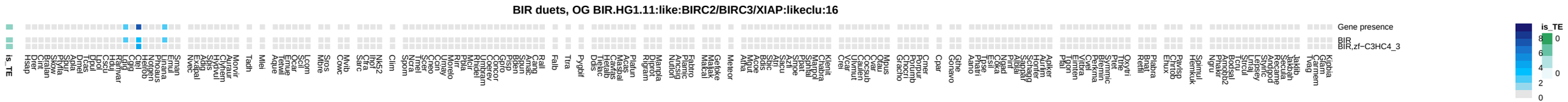
Kpfin
Carmem
Tvag
Cpbia
Cpfin
Cpcarmem
Cpcarmem2


BIR duets, OG BIR.HG1.11:like:BIRC2/BIRC3/XIAP:likeclu:16
Gene presence
BIR
BIR,zf−C3HC4_3
is_TE
is_TE
8
6
4
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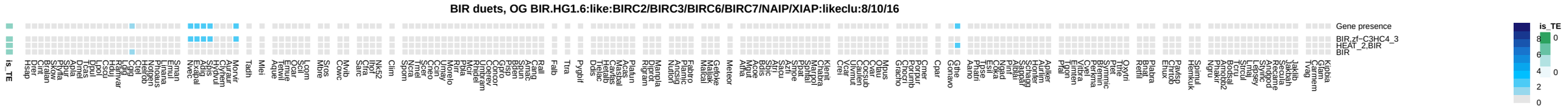
BIR duets, OG BIR.HG1.6:like:BIRC2/BIRC3/BIRC6/BIRC7/NAIP/XIAP:likeclu:8/10/16
Gene presence
BIR.zf−C3HC4_3
HEAT_2.BIR
BIR
is_TE
is_TE
8
6
4
2
0
0
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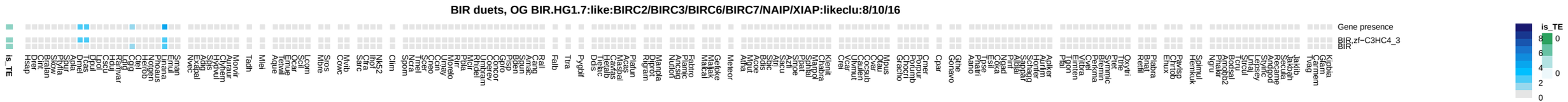
BIR duets, OG BIR.HG1.7:like:BIRC2/BIRC3/BIRC6/BIRC7/NAIP/XIAP:likeclu:8/10/16
Gene presence
BIR.zf−C3HC4_3
BIR
is_TE
8
6
4
2
0
0
0
is_TE
Hsap
Cjac
Braian
Skow
Bbub
Apla
Dmel
Lpol
Lpol
Csou
Rattvar
Lcig
Cleg
Cfer
Helrob
Nomgen
Phoxinus
Ehana
Sman
Emul
Ocan
Ocar
Emus
Emaw
Aque
Scom
Lcom
Mbre
Spos
Mvib
Cowc
Nfa52
Nfa1
Cfa
Sarc
Clim
Sporn
Ncra
Tmel
Scer
Creo
Ccin
Umaydis
Mpelo
Uncinocarpus
Rirr
Pbla
Knidel
Umbram
Cerev
Cneoneor
Cneo
Gpro
Psp
Cbrevior
Bbrn
Bbrn
Amac
Ball
Cang
Ralt
Mannpl
Dprot
Rgram
Platun
Acas
Masfal
Cadfal
Helrab
Tglac
Dots
Mpus
Ofus
Cvar
Cvar
Cocsub
Cfumut
Cfumut
Vcar
Cfer
Klenit
Chabra
Mairpol
Sphfal
Pbat
Snpe
Azcu
Atrr
Sbic
Bdis
Acae
Mgut
Atha
Meteor
Gelake
Wdiuk
Malcal
Fbthro
Pfamic
Ancsig
Nution
Cmer
Porpur
Porumb
Porcin
Gracho
Cpar
Gthe
Ghavo
Aphker
Aurfim
Honter
Schagg
Sscrofa
Abipal
Pmr
Nvitd
Ckka
Esil
Tpse
Pdubri
Aano
Pbat
Tmon
Emuen
Vlibra
Cvel
Pchrma
Symmic
Pcet
Tnix
Ovvri
Rattli
Rnorv
Rlabra
Ehux
Pavlsp
Cmob
Spimul
Hemkuk
Amoebb2
Ahybar
Ngru
Bodsal
Tcru
Lmaj
Lepsey
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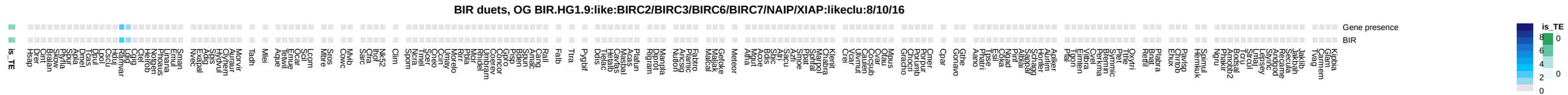
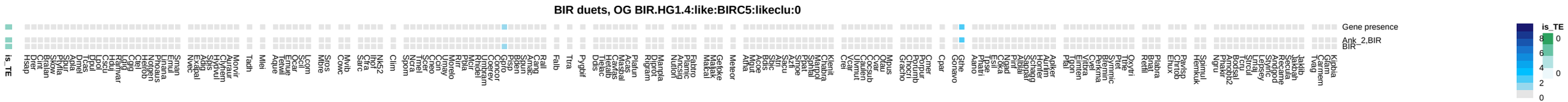
Secula
Recanne
Jaldib
Jaldib
Kipbia
Gfam
Cfarmem
Tvag


BIR duets, OG BIR.HG1.9:like:BIRC2/BIRC3/BIRC6/BIRC7/NAIP/XIAP:likeclu:8/10/16
Gene presence
BIR
is_TE
is_TE
8
6
4
2
0
0
0


BIR duets, OG BIR.HG1.4:like:BIRC5:likeclu:0
Gene presence
Ank_2,BIR
BIR
is_TE
is_TE
8
6
4
2
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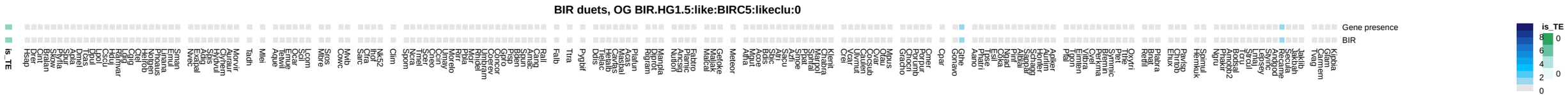
BIR duets, OG BIR.HG1.5:like:BIRC5:likeclu:0
is_TE
Hsap
Dmel
Dpul
Tcas
Dsim
Dyak
Dere
Dvir
Bmor
Nvit
Nmel
Phoaus
Cfam
Mmus
Rnor
Ggal
Xtro
Drer
Cgig
Ptroglod
Nomgen
Emul
Sman
Mmyar
Hdum
Cscu
Lpol
Ptyla
Bmal
Pbla
Spla
Aque
Emiu
Ecol
Ocar
Scil
Lcom
Nvec
Exapal
Adig
Sfos
Glyherm
Aurlar
Movvir
Tadh
Mlei
Aque
Emiu
Ecol
Ocar
Scil
Lcom
Sros
Mbre
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Cowc
Sarc
Cfra
Ihof
Nk52
Clim
Spom
Scra
Tmel
Scer
Ccin
Umay
Morelo
Pbla
Ahal
Mlcr
Rmagam
Rmagan
Coerev
Cornor
Cneo
Csp
Bden
Sjun
Sdun
Rall
Gang
Fatb
Tnra
Pygbif
Delac
Dulis
Hetalb
Cavlas
Nasal
Aqas
Platun
Ripro
Ripgran
Manpla
Nution
Ancsig
Fabtro
Plamic
Malcal
Gefoke
Meteor
Mdra
Mgut
Acoe
Bdis
Atri
Sacu
Azrr
Apoe
Spat
Sphfal
Sbat
Chabra
Klenit
Cvar
Ulvmut
Coussb
Cousch
Cref
Vcar
Mpus
Olau
Gracho
Chocri
Porlub
Porpur
Cmer
Cpar
Gothe
Gonavo
Aano
Ptastri
Ptase
Esi
Ccka
Nrad
Ajhja
Aldja
Sapdal
Sonlep
Aurlum
Aulum
Apker
Pal
Tgon
Emien
Cvel
Ovlata
Perkma
Bvemic
Symmic
Pret
The
Oxydri
Retfil
Bnat
Plabra
Ehux
Chrlob
Pavlsp
Hemkuk
Spimul
Ngru
Phakfr
Rhodsal
Rhomal2
Tcru
Sfrcul
Lhalsey
Lepsey
Styvfc
Aedaegu
Aedae
Secula
Sesame
Jakbah
Jakrib
Kipbia
Kipfin
Carmem
Tvag
Gene presence
BIR
is_TE
8
6
4
2
0
0
0