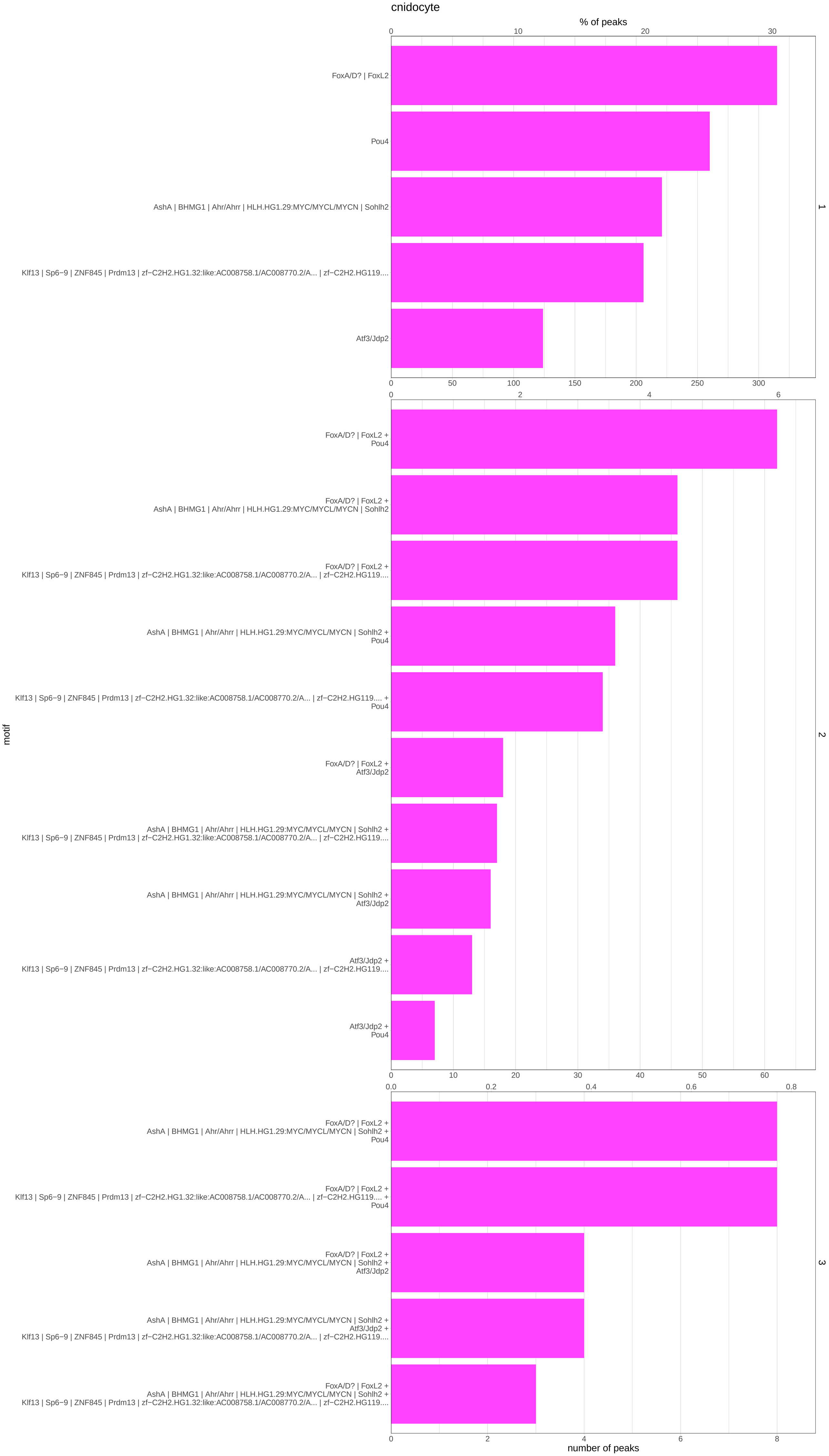
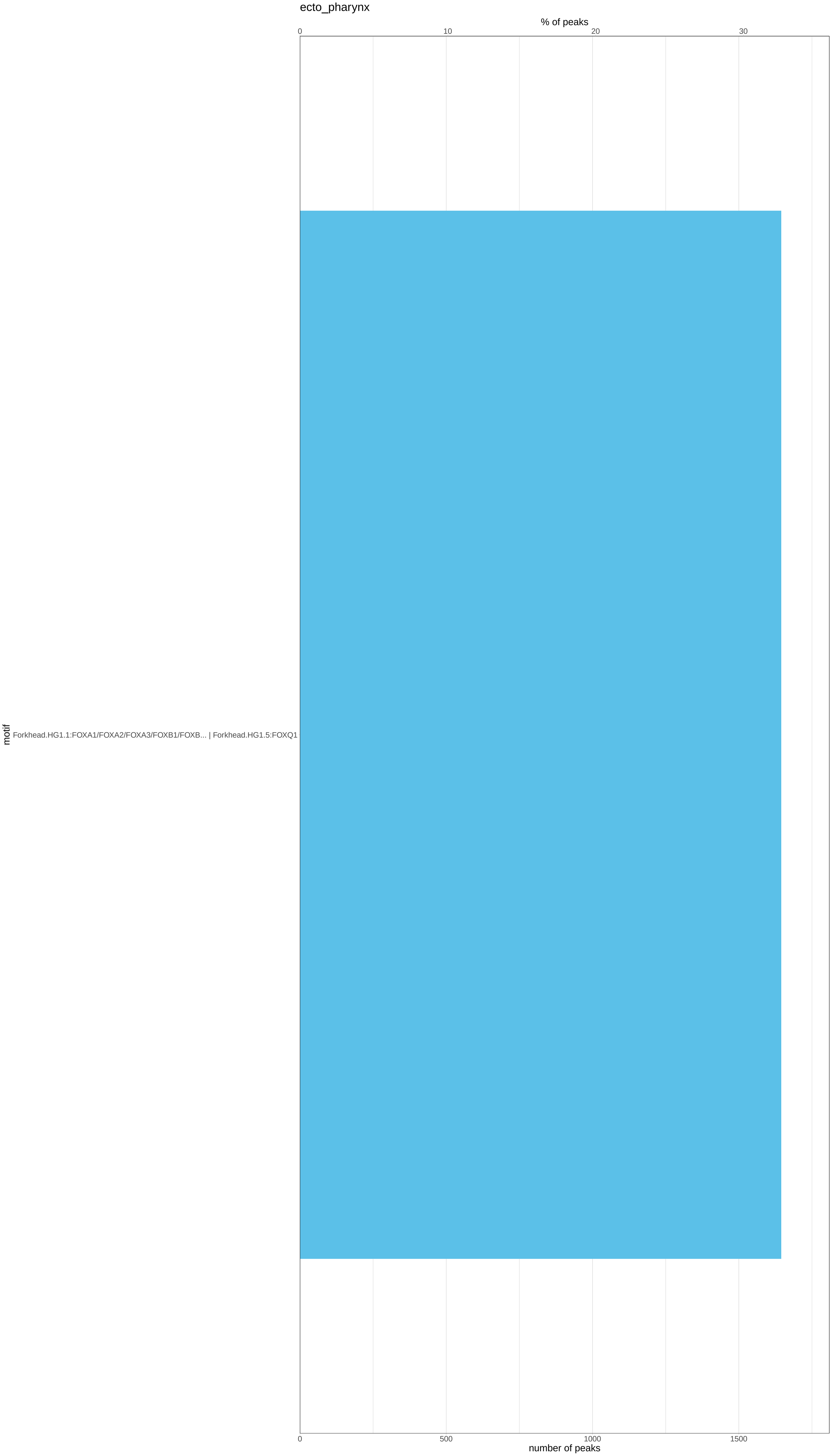
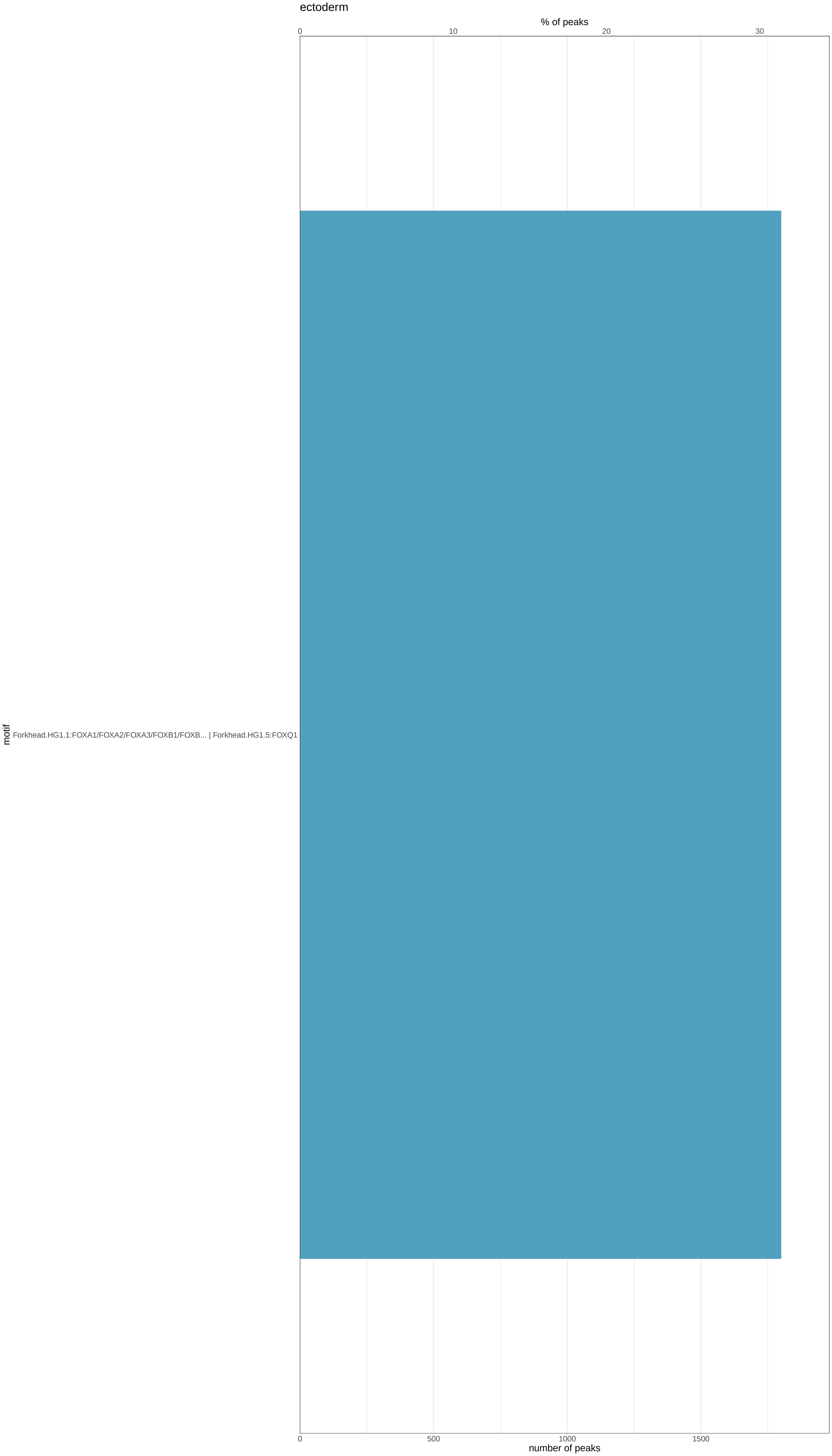
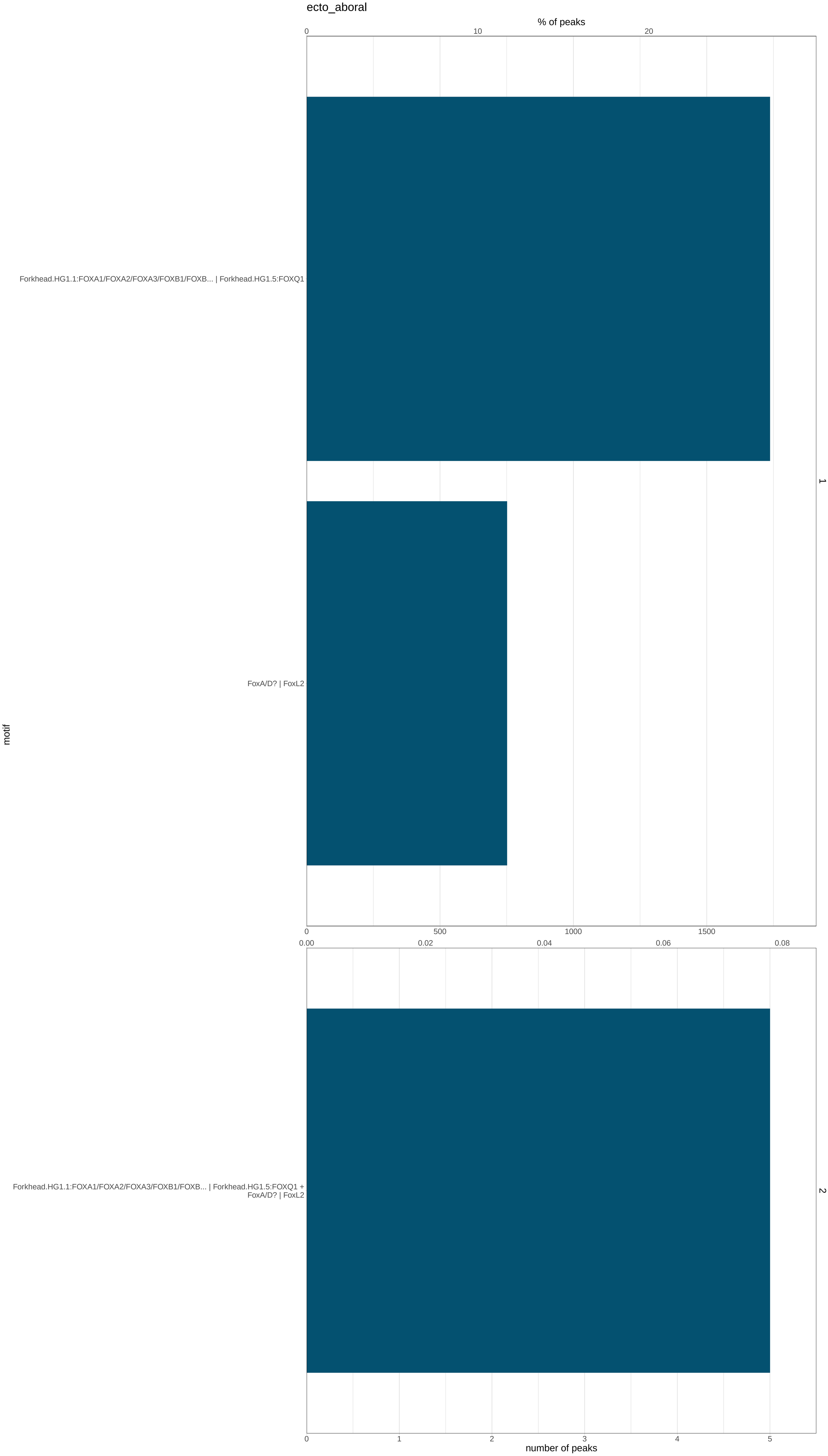
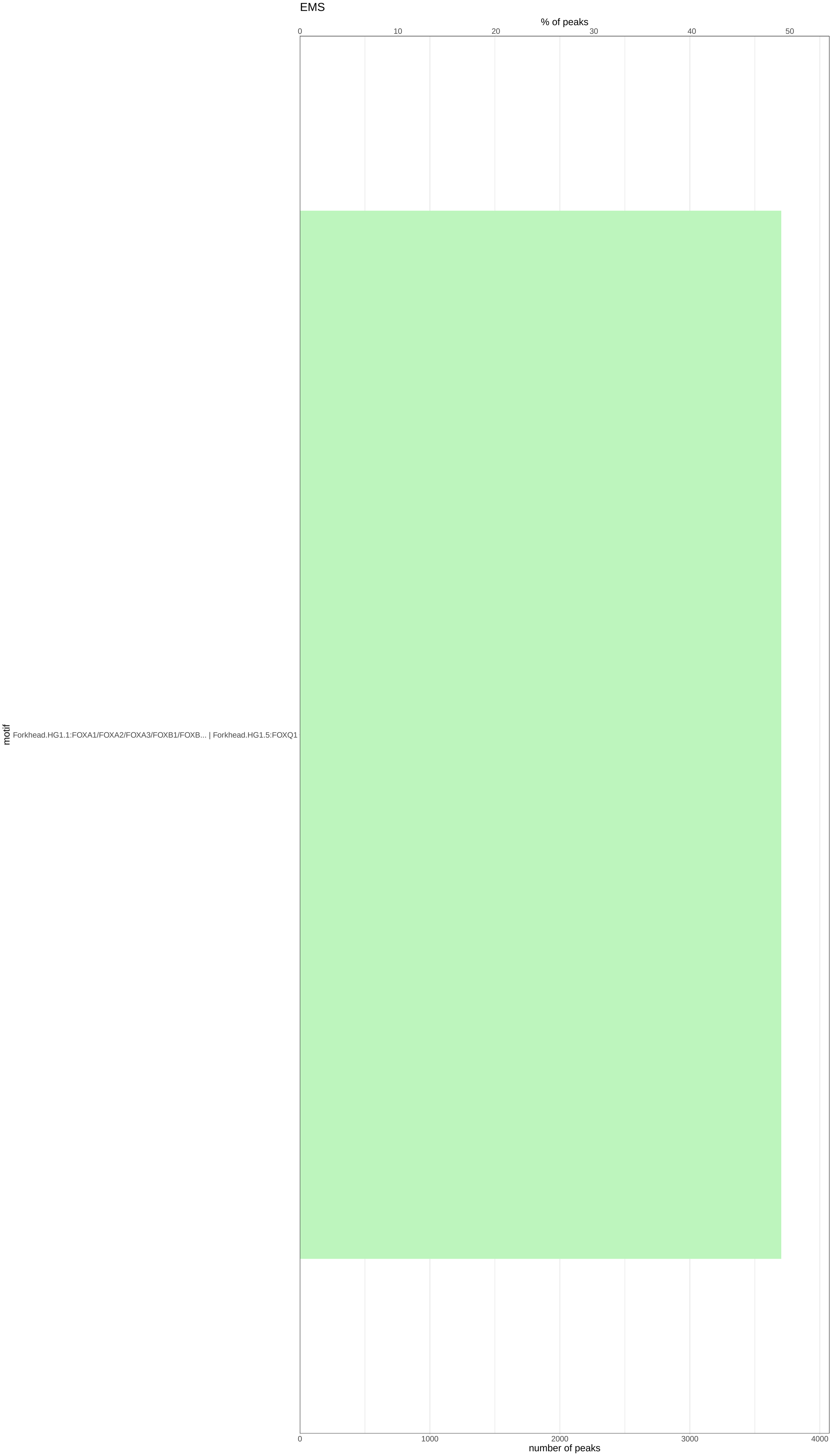

cnidocyte
% of peaks
0
10
20
30
FoxA/D? | FoxL2
Pou4
AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2
Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119....
Atf3/Jdp2
1
0
50
100
150
200
250
300
0
2
4
6
FoxA/D? | FoxL2 + Pou4
FoxA/D? | FoxL2 + AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2
FoxA/D? | FoxL2 + Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119....
AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2 + Pou4
Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119.... + Pou4
FoxA/D? | FoxL2 + Atf3/Jdp2
AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2 + Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119....
AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2 + Atf3/Jdp2
Atf3/Jdp2 + Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119....
Atf3/Jdp2 + Pou4
2
0
10
20
30
40
50
60
0.0
0.2
0.4
0.6
0.8
FoxA/D? | FoxL2 + AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2 + Pou4
FoxA/D? | FoxL2 + Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119.... + Pou4
FoxA/D? | FoxL2 + AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2 + Atf3/Jdp2
AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2 + Atf3/Jdp2 + Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119....
FoxA/D? | FoxL2 + AshA | BHMG1 | Ahr/Ahrr | HLH.HG1.29:MYC/MYCL/MYCN | Sohlh2 + Klf13 | Sp6−9 | ZNF845 | Prdm13 | zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/A... | zf−C2H2.HG119....
3
0
2
4
6
8
number of peaks
motif

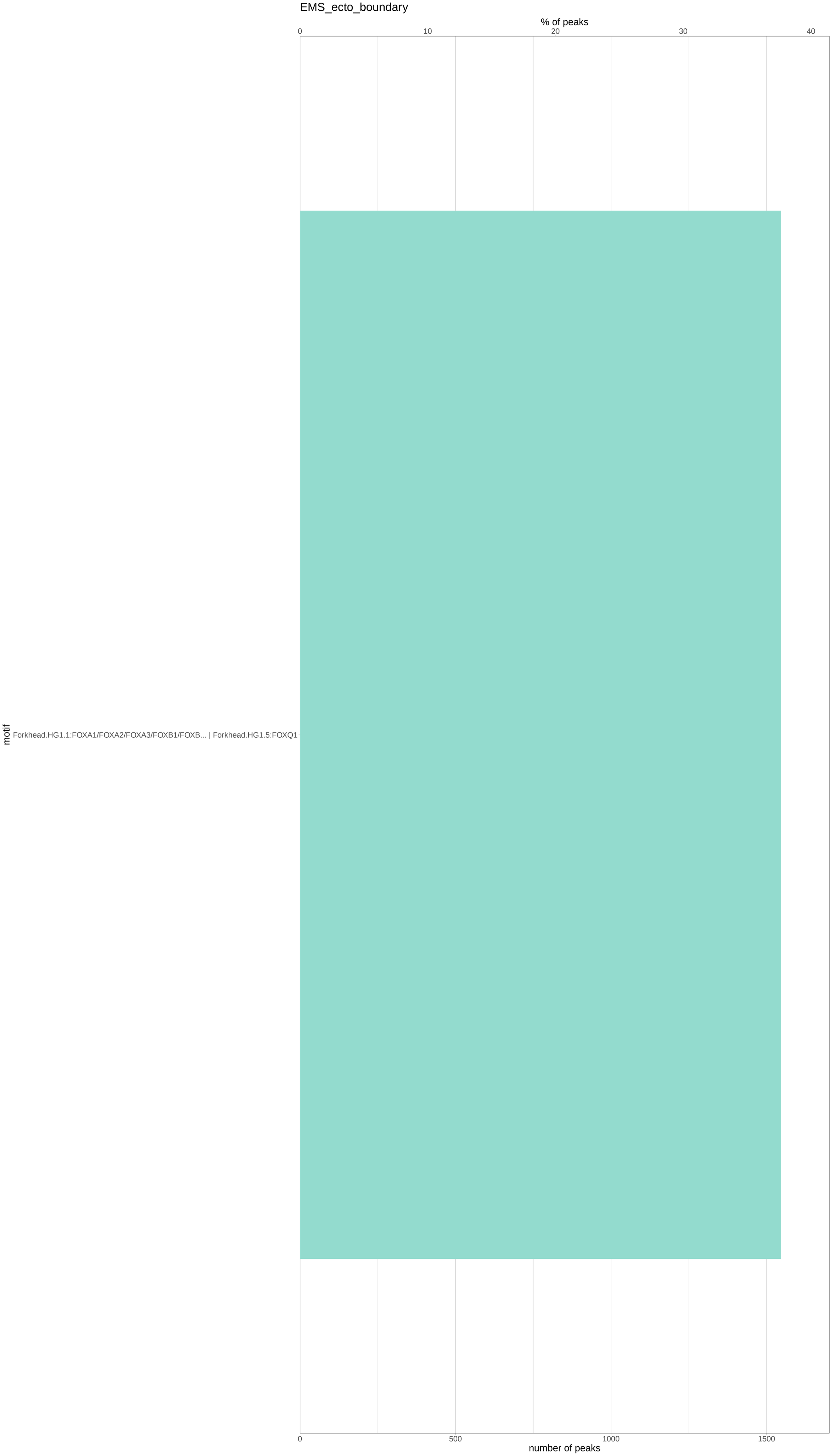
cnidocyte_gastrula
% of peaks
0
5
10
15
20
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
1
NvSox2 | NvSoxC
motif
0
200
400
600
800
0.00
0.03
0.06
0.09
0.12
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
NvSox2 | NvSoxC
2
0
1
2
3
4
number of peaks

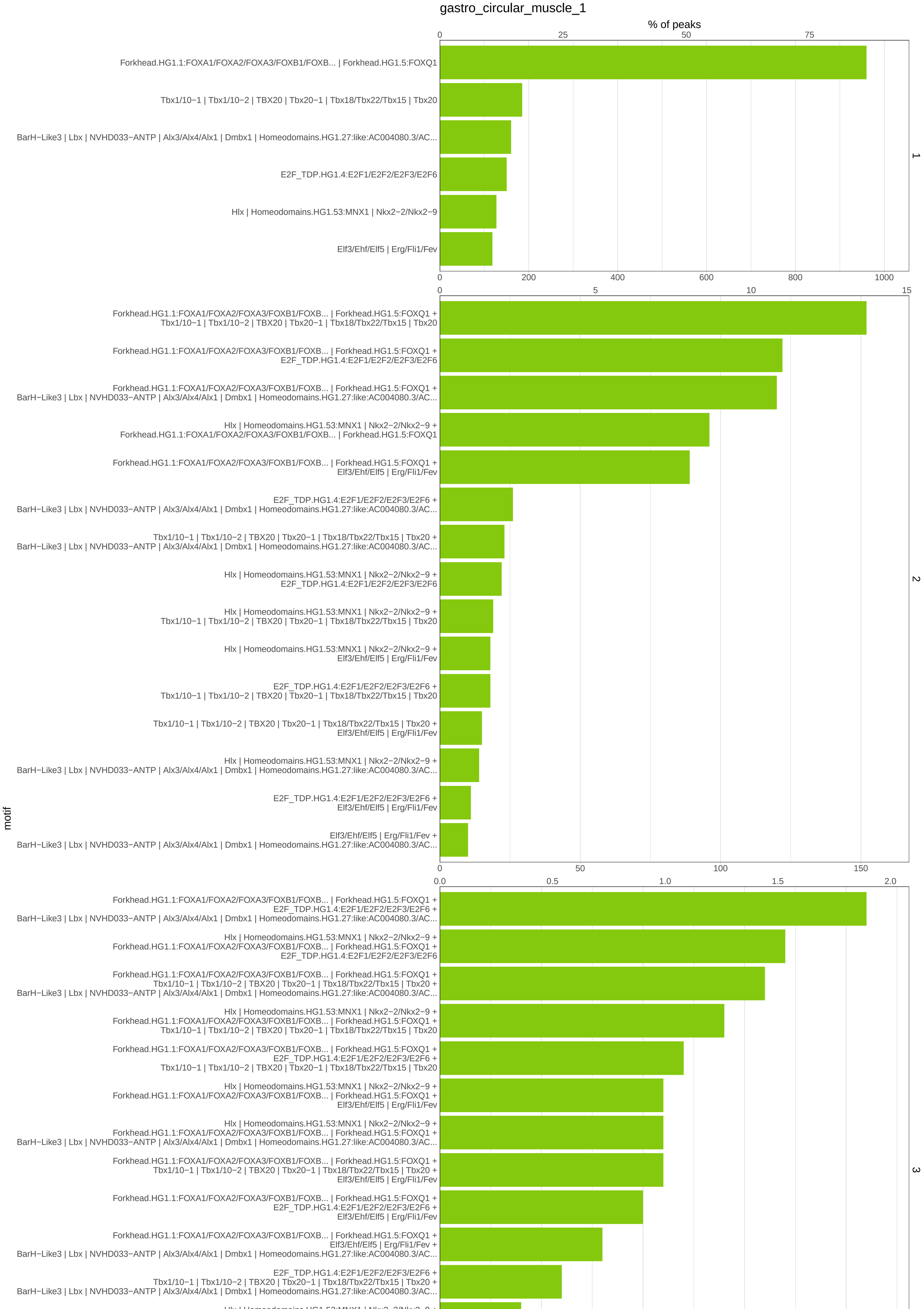

ecto_pharynx
% of peaks
0
10
20
30
motif
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
0
500
1000
1500
number of peaks

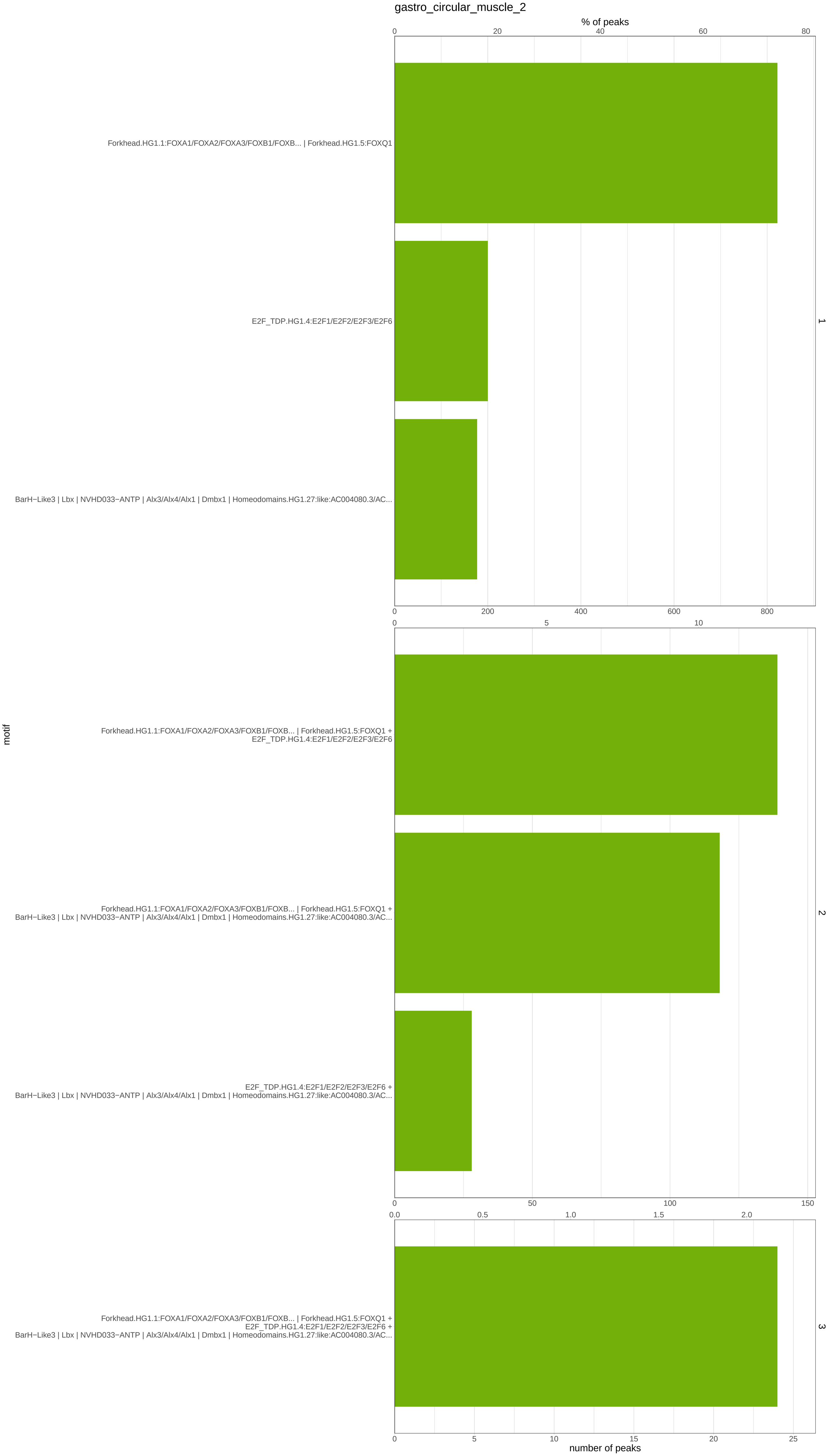

ectoderm
% of peaks
0
10
20
30
motif
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
0
500
1000
1500
number of peaks

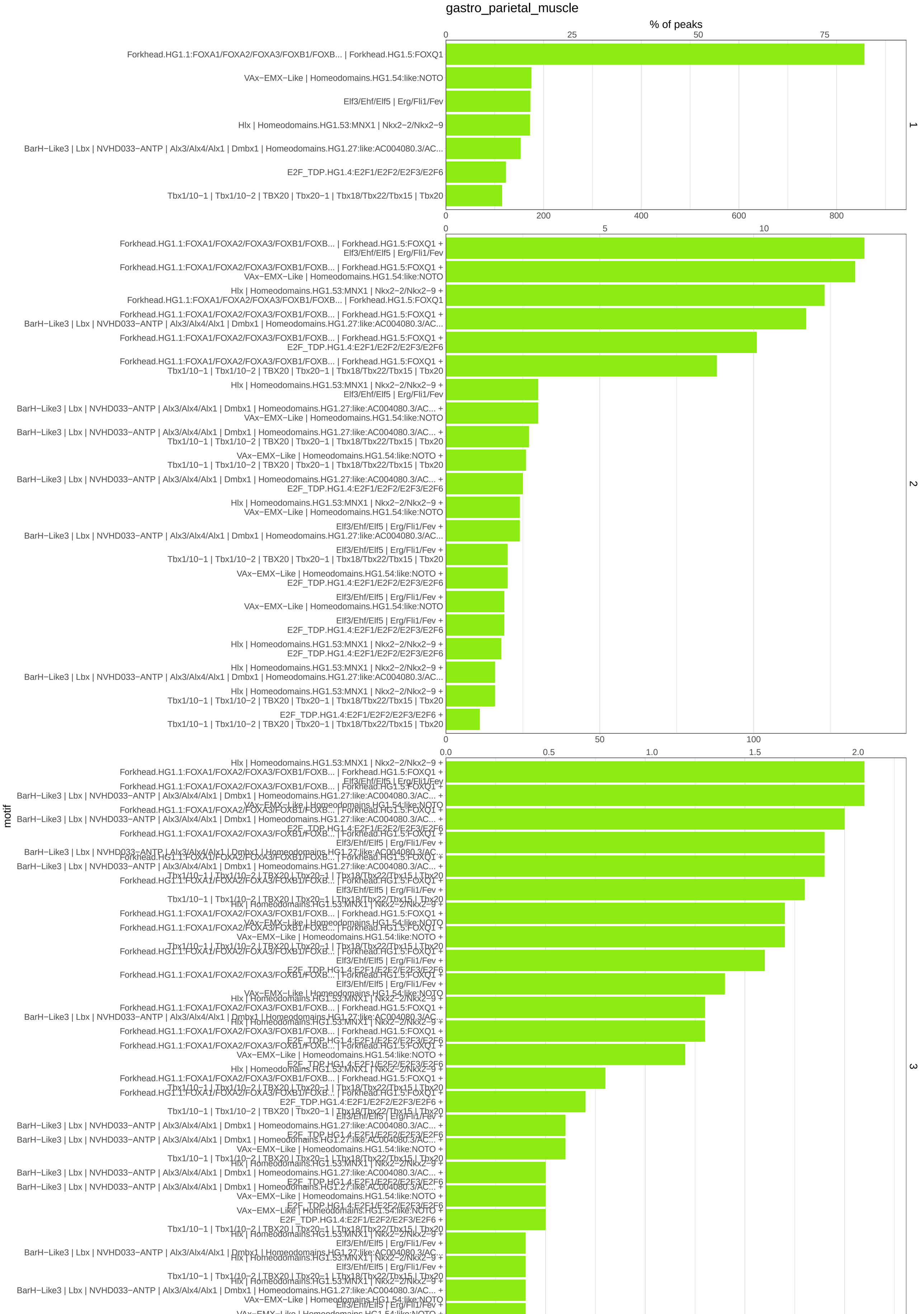

ecto_aboral
% of peaks
0
10
20
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
1
FoxA/D? | FoxL2
motif
0
500
1000
1500
0.00
0.02
0.04
0.06
0.08
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
FoxA/D? | FoxL2
2
0
1
2
3
4
5
number of peaks

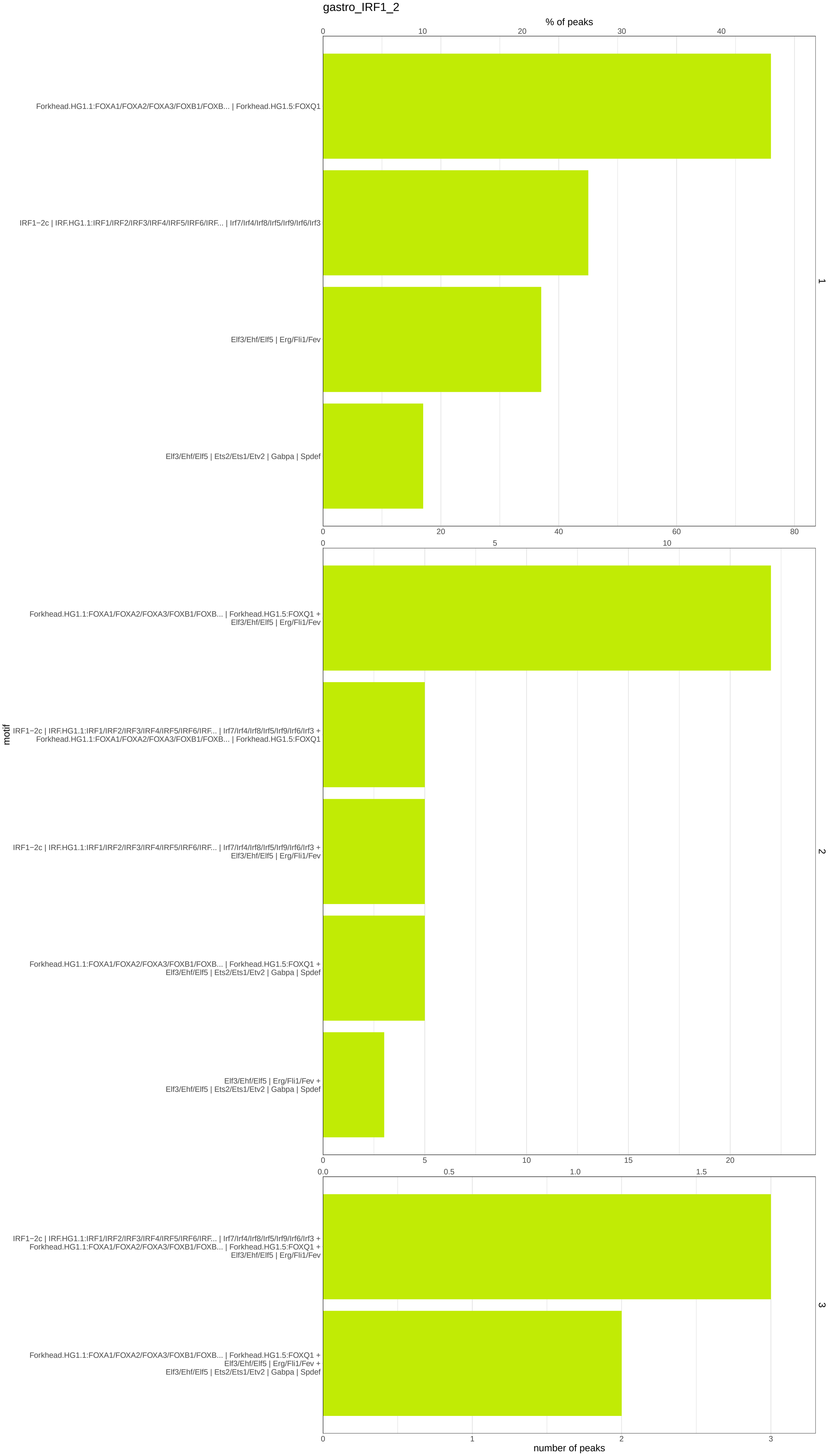

EMS
% of peaks
0
10
20
30
40
50
motif
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
0
1000
2000
3000
4000
number of peaks

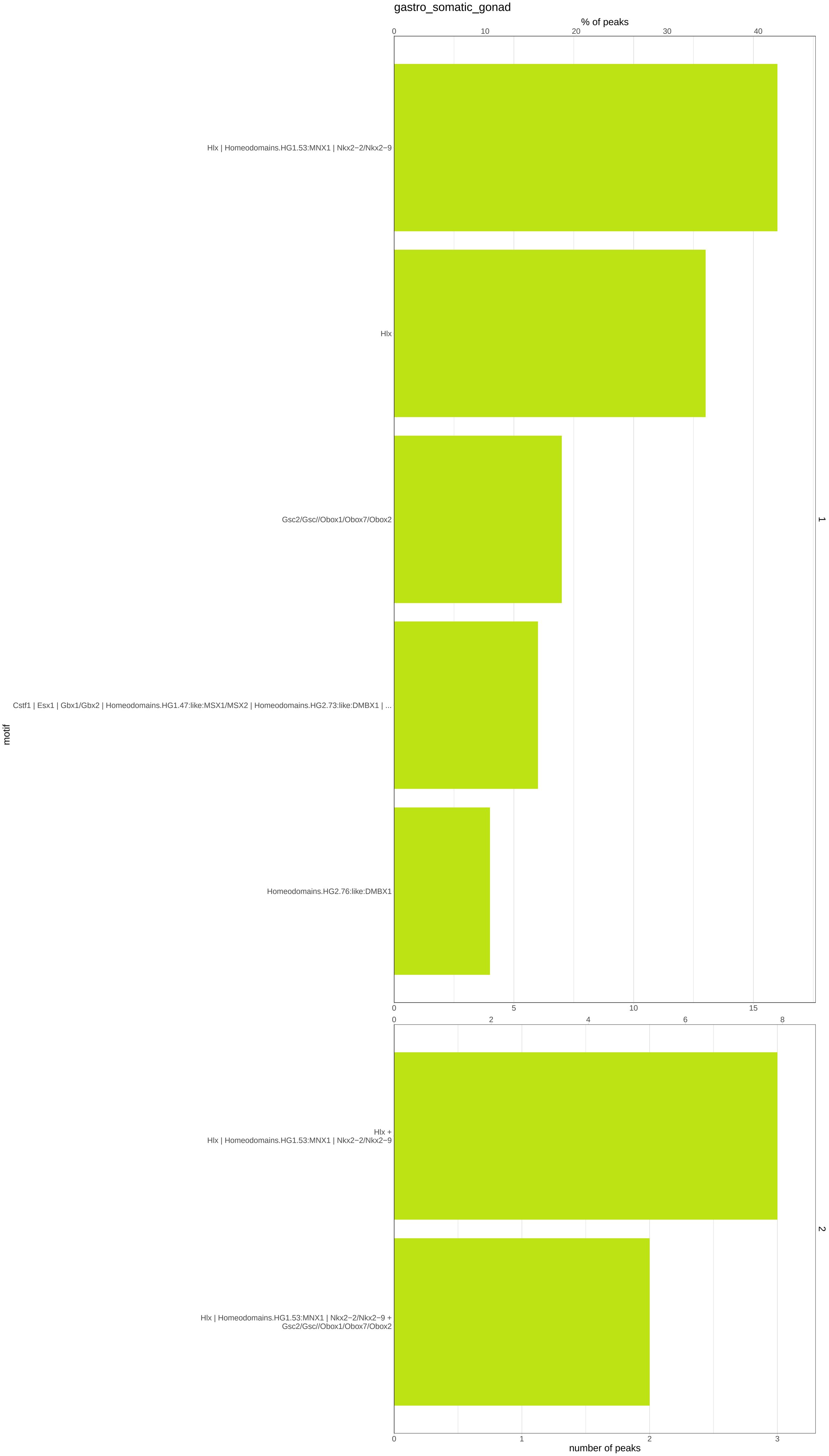

EMS_ecto_boundary
% of peaks
0
10
20
30
40
motif
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
0
500
1000
1500
number of peaks

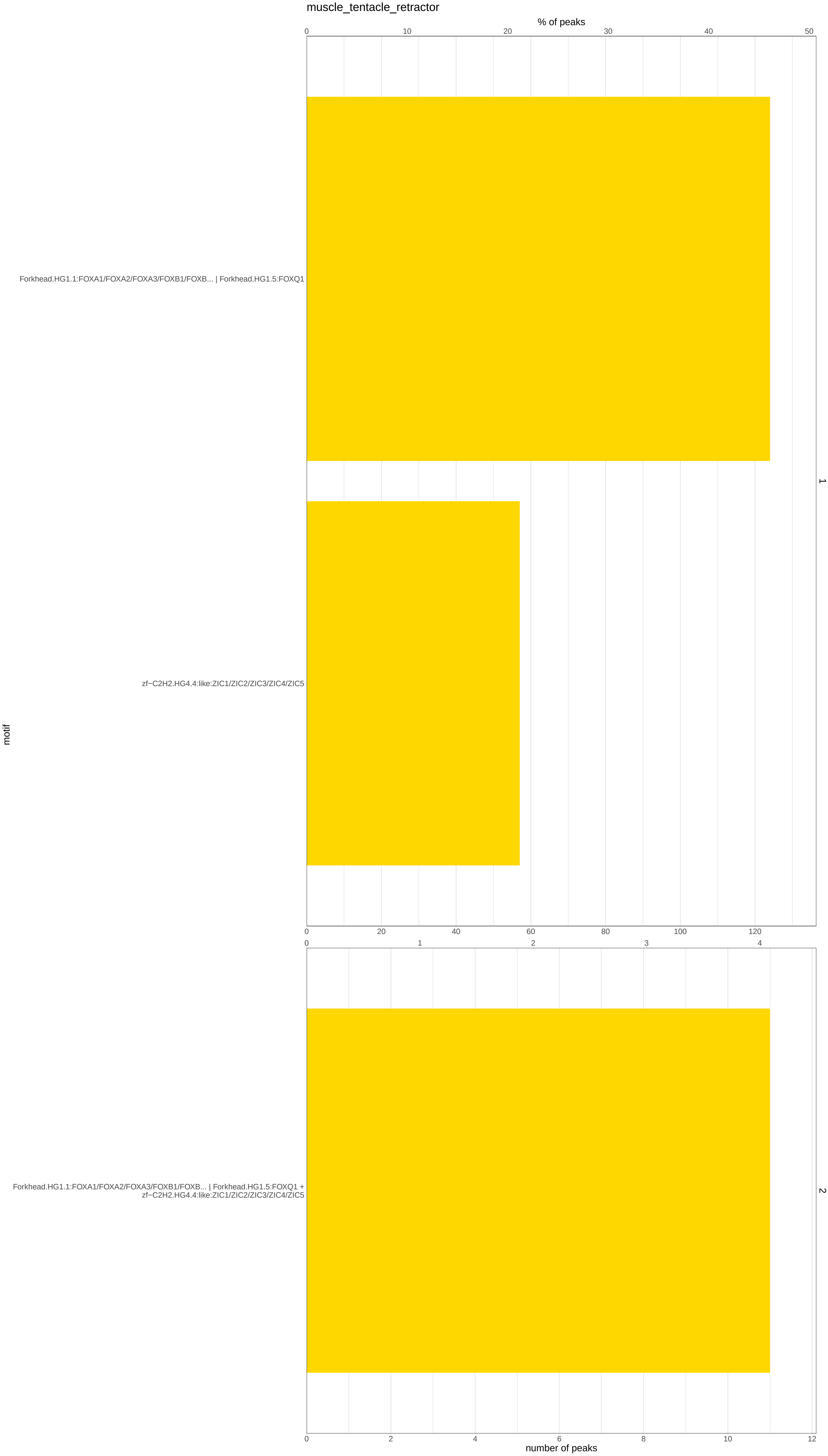

gastro_circular_muscle_1
% of peaks
motif
number of peaks
1
2
3
4

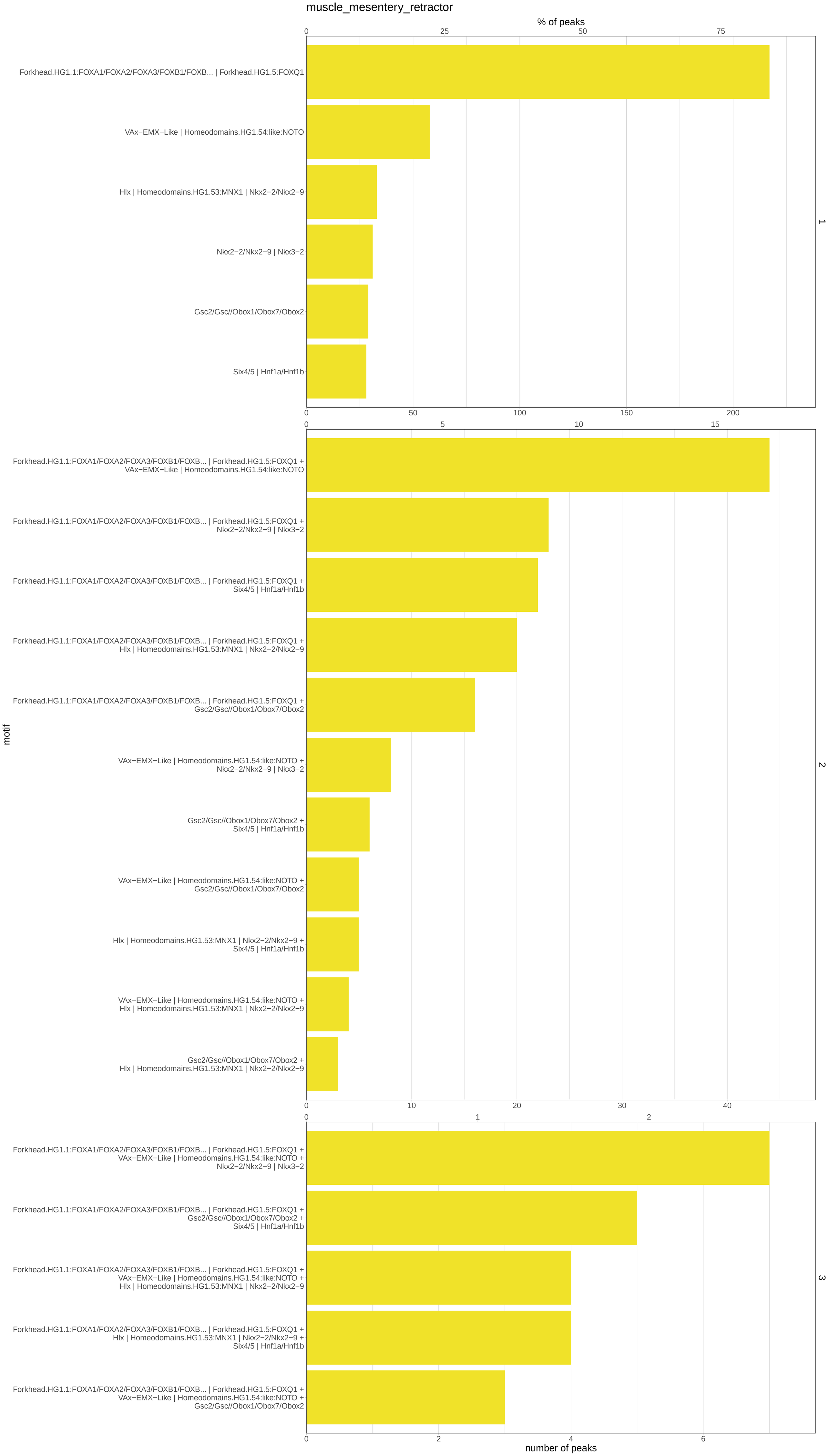

gastro_circular_muscle_2
% of peaks
0
20
40
60
80
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
BarH−Like3 | Lbx | NVHD033−ANTP | Alx3/Alx4/Alx1 | Dmbx1 | Homeodomains.HG1.27:like:AC004080.3/AC...
1
0
200
400
600
800
0
5
10
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
BarH−Like3 | Lbx | NVHD033−ANTP | Alx3/Alx4/Alx1 | Dmbx1 | Homeodomains.HG1.27:like:AC004080.3/AC...
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 +
BarH−Like3 | Lbx | NVHD033−ANTP | Alx3/Alx4/Alx1 | Dmbx1 | Homeodomains.HG1.27:like:AC004080.3/AC...
2
0
50
100
150
0.0
0.5
1.0
1.5
2.0
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6 +
BarH−Like3 | Lbx | NVHD033−ANTP | Alx3/Alx4/Alx1 | Dmbx1 | Homeodomains.HG1.27:like:AC004080.3/AC...
3
0
5
10
15
20
25
number of peaks
motif

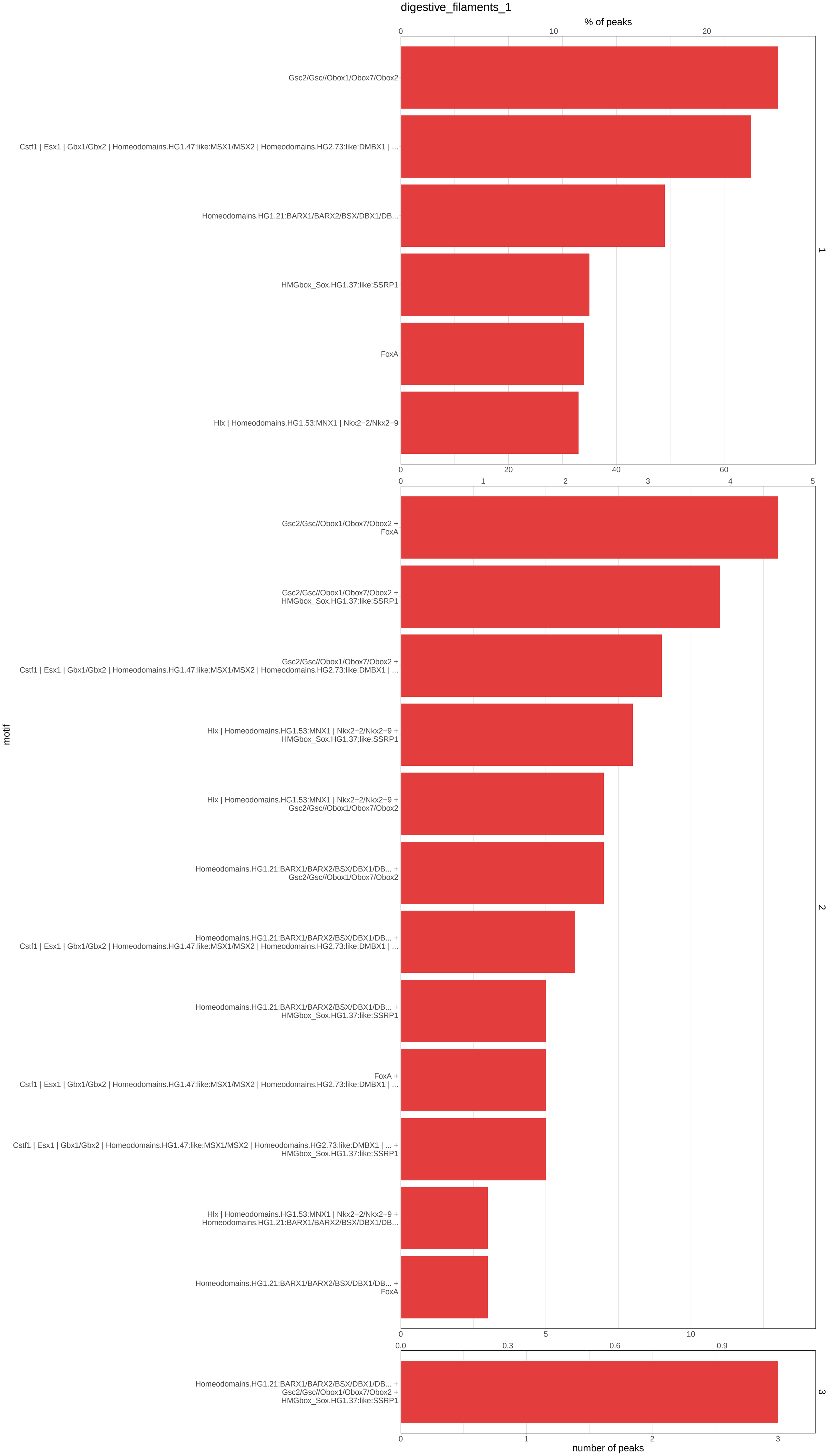

gastro_parietal_muscle
% of peaks
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO
Elf3/Ehf/Elf5 | Erg/Fli1/Fev
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
BarH−Like3 | Lbx | NVHD033−ANTP | Alx3/Alx4/Alx1 | Dmbx1 | Homeodomains.HG1.27:like:AC004080.3/AC...
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
Tbx1/10−1 | Tbx1/10−2 | TBX20 | Tbx20−1 | Tbx18/Tbx22/Tbx15 | Tbx20
1
2
3
4
motif
number of peaks

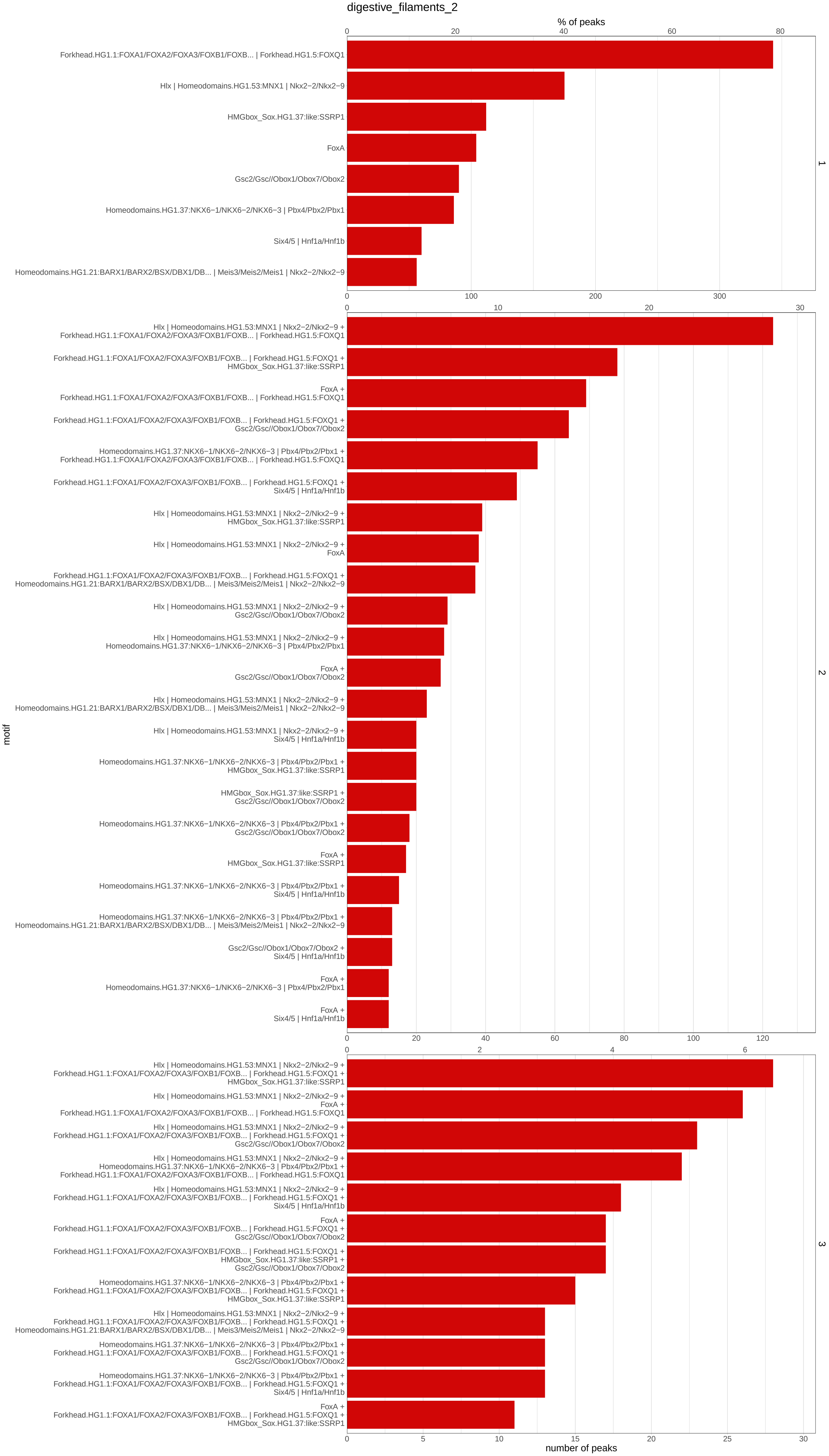

gastro_IRF1_2
% of peaks
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
IRF1−2c | IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... | Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3
Elf3/Ehf/Elf5 | Erg/Fli1/Fev
Elf3/Ehf/Elf5 | Ets2/Ets1/Etv2 | Gabpa | Spdef
1
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Elf3/Ehf/Elf5 | Erg/Fli1/Fev
IRF1−2c | IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... | Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 + Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
IRF1−2c | IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... | Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 + Elf3/Ehf/Elf5 | Erg/Fli1/Fev
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Elf3/Ehf/Elf5 | Ets2/Ets1/Etv2 | Gabpa | Spdef
Elf3/Ehf/Elf5 | Erg/Fli1/Fev + Elf3/Ehf/Elf5 | Ets2/Ets1/Etv2 | Gabpa | Spdef
2
motif
IRF1−2c | IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF... | Irf7/Irf4/Irf8/Irf5/Irf9/Irf6/Irf3 + Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Elf3/Ehf/Elf5 | Erg/Fli1/Fev
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Elf3/Ehf/Elf5 | Erg/Fli1/Fev + Elf3/Ehf/Elf5 | Ets2/Ets1/Etv2 | Gabpa | Spdef
3
number of peaks

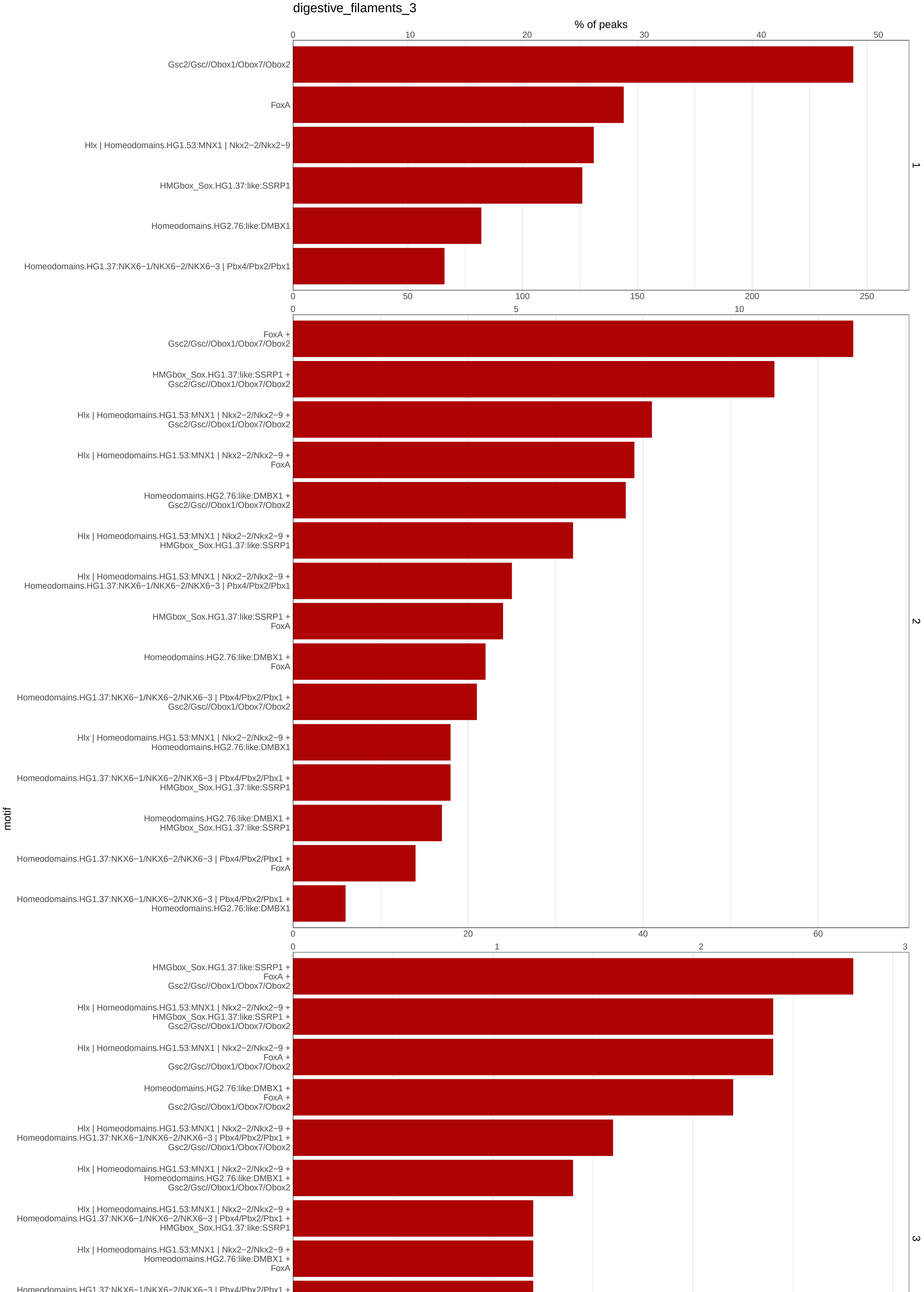

gastro_somatic_gonad
% of peaks
0
10
20
30
40
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
Hlx
Gsc2/Gsc//Obox1/Obox7/Obox2
Cstf1 | Esx1 | Gbx1/Gbx2 | Homeodomains.HG1.47:like:MSX1/MSX2 | Homeodomains.HG2.73:like:DMBX1 | ...
Homeodomains.HG2.76:like:DMBX1
motif
1
0
5
10
15
0
2
4
6
8
Hlx +
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Gsc2/Gsc//Obox1/Obox7/Obox2
2
0
1
2
3
number of peaks

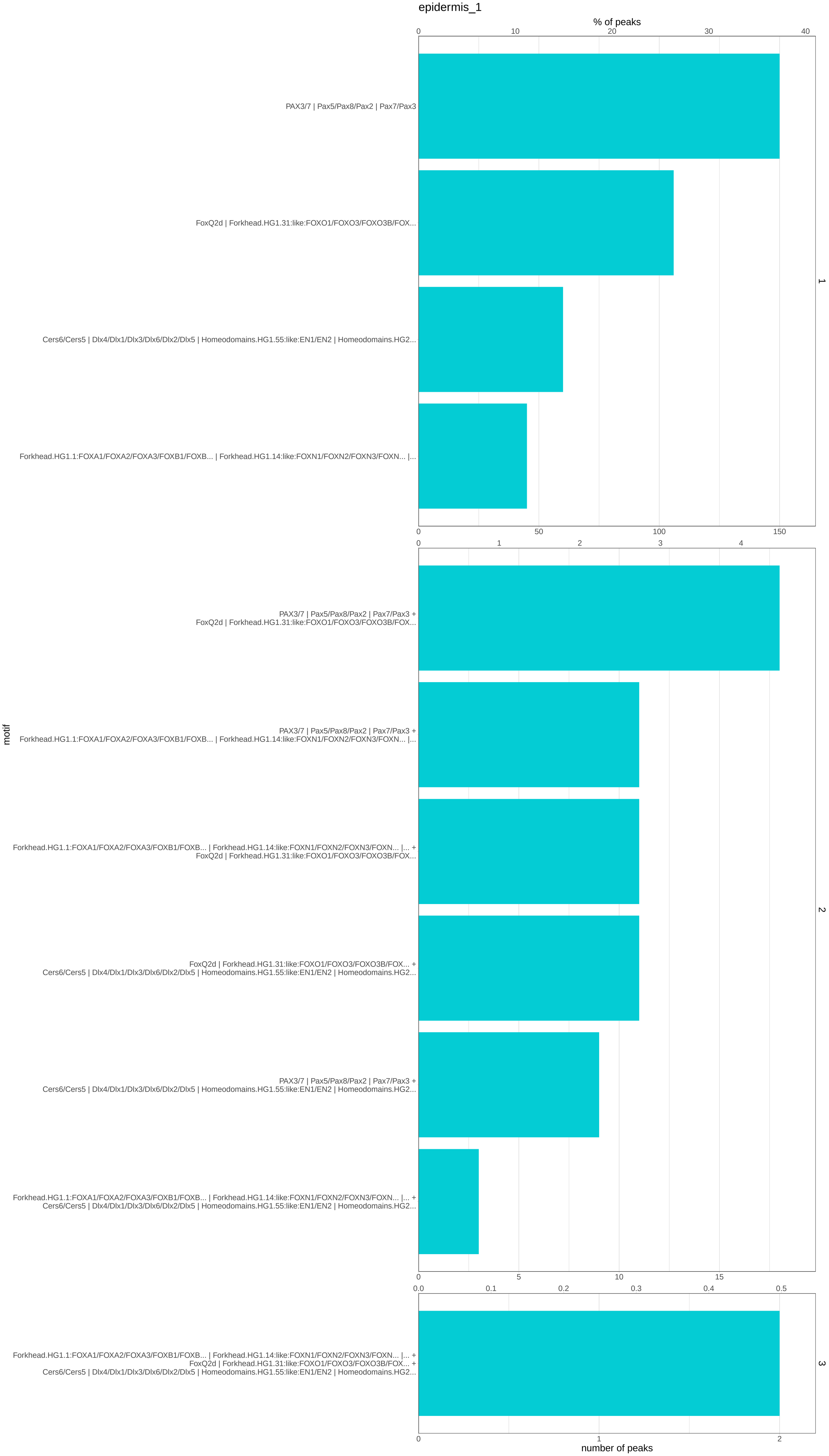

muscle_tentacle_retractor
% of peaks
0
10
20
30
40
50
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
1
zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
motif
0
20
40
60
80
100
120
0
1
2
3
4
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
2
0
2
4
6
8
10
12
number of peaks

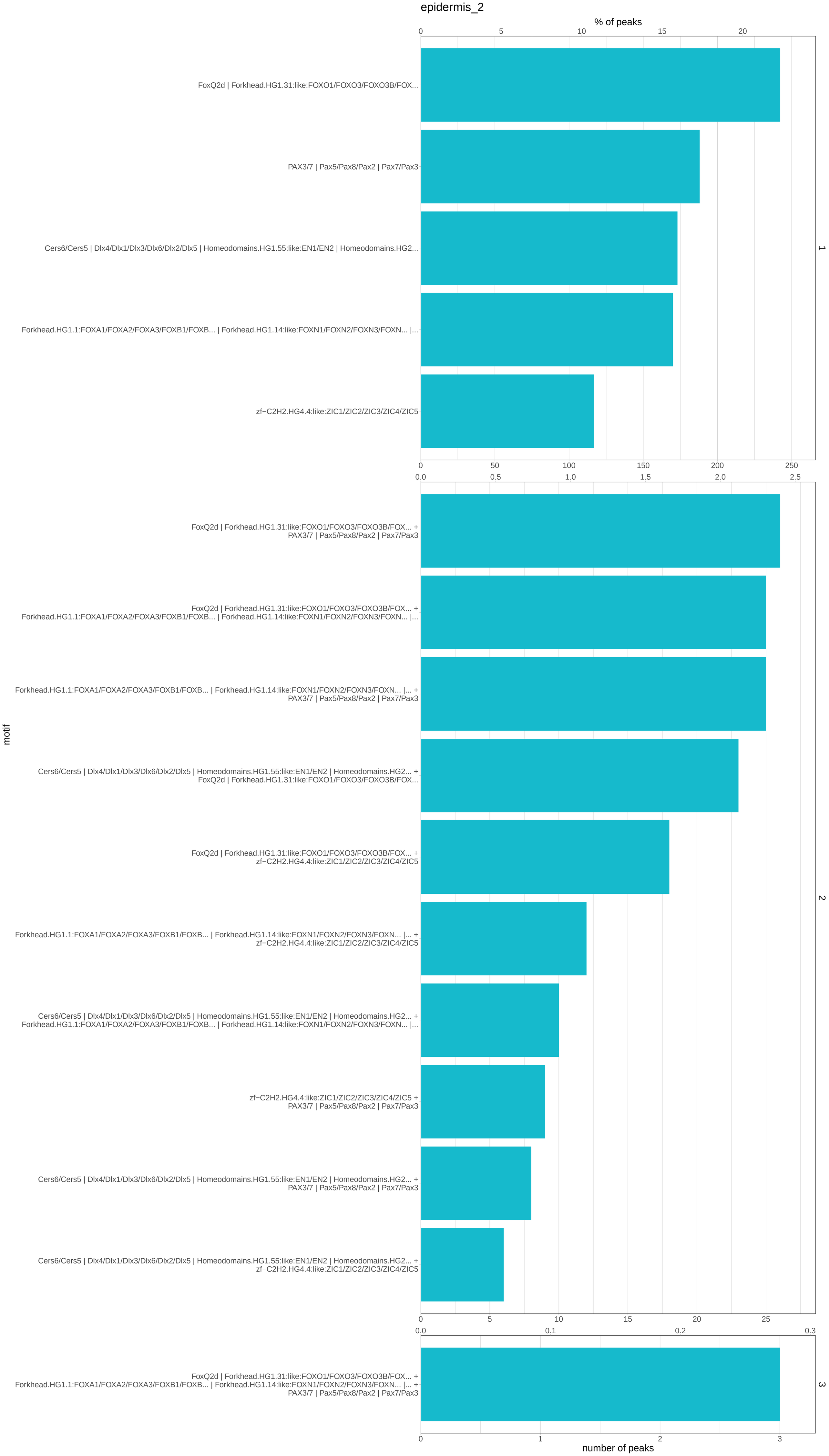

muscle_mesentery_retractor
% of peaks
0
25
50
75
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
Nkx2−2/Nkx2−9 | Nkx3−2
Gsc2/Gsc//Obox1/Obox7/Obox2
Six4/5 | Hnf1a/Hnf1b
1
0
50
100
150
200
0
5
10
15
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Nkx2−2/Nkx2−9 | Nkx3−2
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Six4/5 | Hnf1a/Hnf1b
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Gsc2/Gsc//Obox1/Obox7/Obox2
VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO + Nkx2−2/Nkx2−9 | Nkx3−2
Gsc2/Gsc//Obox1/Obox7/Obox2 + Six4/5 | Hnf1a/Hnf1b
VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Six4/5 | Hnf1a/Hnf1b
VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO + Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
Gsc2/Gsc//Obox1/Obox7/Obox2 + Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
motif
2
0
10
20
30
40
0
1
2
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO + Nkx2−2/Nkx2−9 | Nkx3−2
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Gsc2/Gsc//Obox1/Obox7/Obox2 + Six4/5 | Hnf1a/Hnf1b
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO + Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Six4/5 | Hnf1a/Hnf1b
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + VAx−EMX−Like | Homeodomains.HG1.54:like:NOTO + Gsc2/Gsc//Obox1/Obox7/Obox2
3
0
2
4
6
number of peaks

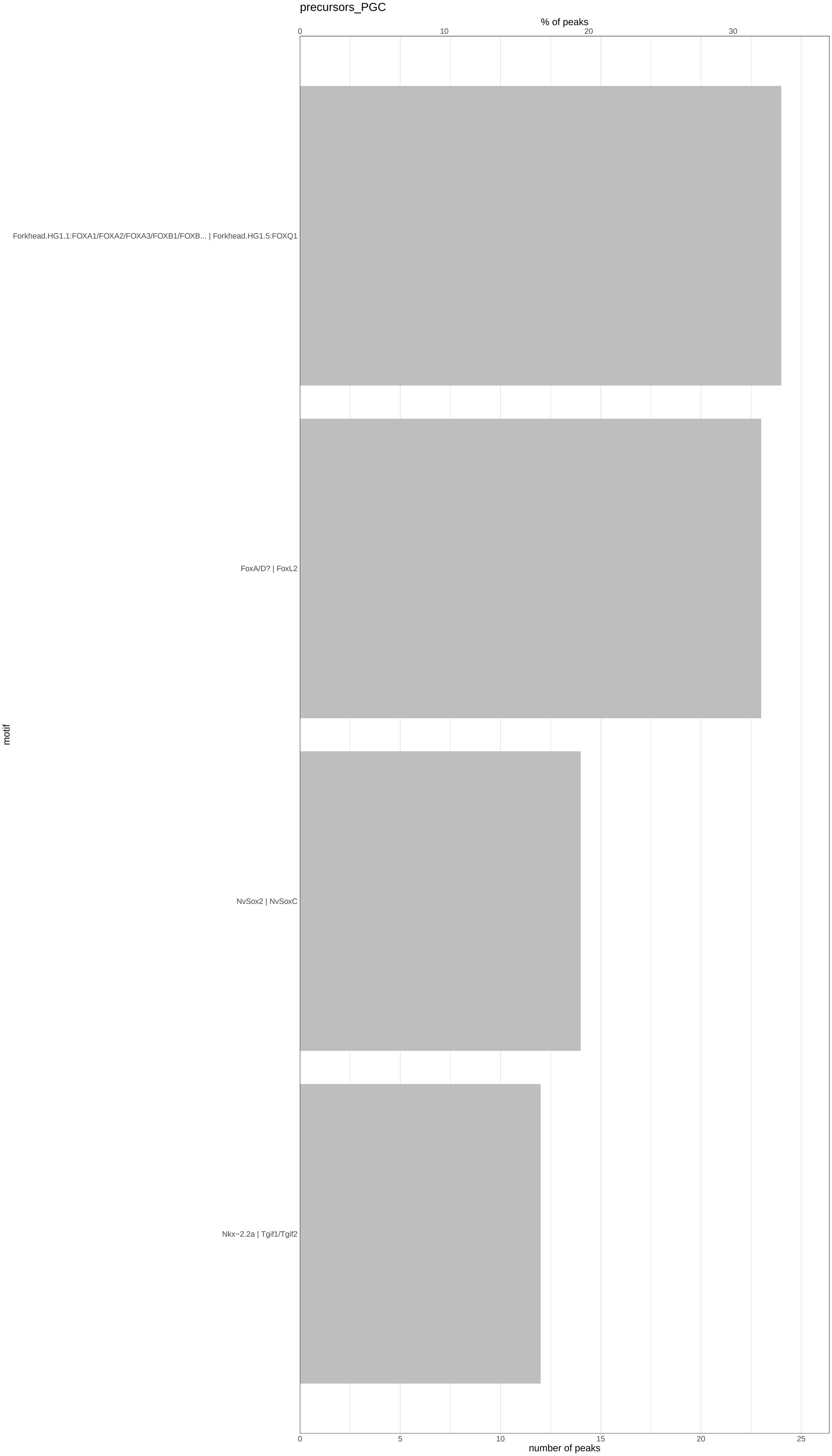

digestive_filaments_1
% of peaks
0
10
20
Gsc2/Gsc//Obox1/Obox7/Obox2
Cstf1 | Esx1 | Gbx1/Gbx2 | Homeodomains.HG1.47:like:MSX1/MSX2 | Homeodomains.HG2.73:like:DMBX1 | ...
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB...
HMGbox_Sox.HG1.37:like:SSRP1
FoxA
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
1
0
20
40
60
0
1
2
3
4
5
Gsc2/Gsc//Obox1/Obox7/Obox2 + FoxA
Gsc2/Gsc//Obox1/Obox7/Obox2 + HMGbox_Sox.HG1.37:like:SSRP1
Gsc2/Gsc//Obox1/Obox7/Obox2 + Cstf1 | Esx1 | Gbx1/Gbx2 | Homeodomains.HG1.47:like:MSX1/MSX2 | Homeodomains.HG2.73:like:DMBX1 | ...
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + HMGbox_Sox.HG1.37:like:SSRP1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... + Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... + Cstf1 | Esx1 | Gbx1/Gbx2 | Homeodomains.HG1.47:like:MSX1/MSX2 | Homeodomains.HG2.73:like:DMBX1 | ...
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... + HMGbox_Sox.HG1.37:like:SSRP1
FoxA + Cstf1 | Esx1 | Gbx1/Gbx2 | Homeodomains.HG1.47:like:MSX1/MSX2 | Homeodomains.HG2.73:like:DMBX1 | ...
Cstf1 | Esx1 | Gbx1/Gbx2 | Homeodomains.HG1.47:like:MSX1/MSX2 | Homeodomains.HG2.73:like:DMBX1 | ... + HMGbox_Sox.HG1.37:like:SSRP1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB...
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... + FoxA
2
0
5
10
0.0
0.3
0.6
0.9
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... + Gsc2/Gsc//Obox1/Obox7/Obox2 + HMGbox_Sox.HG1.37:like:SSRP1
3
0
1
2
3
number of peaks
motif

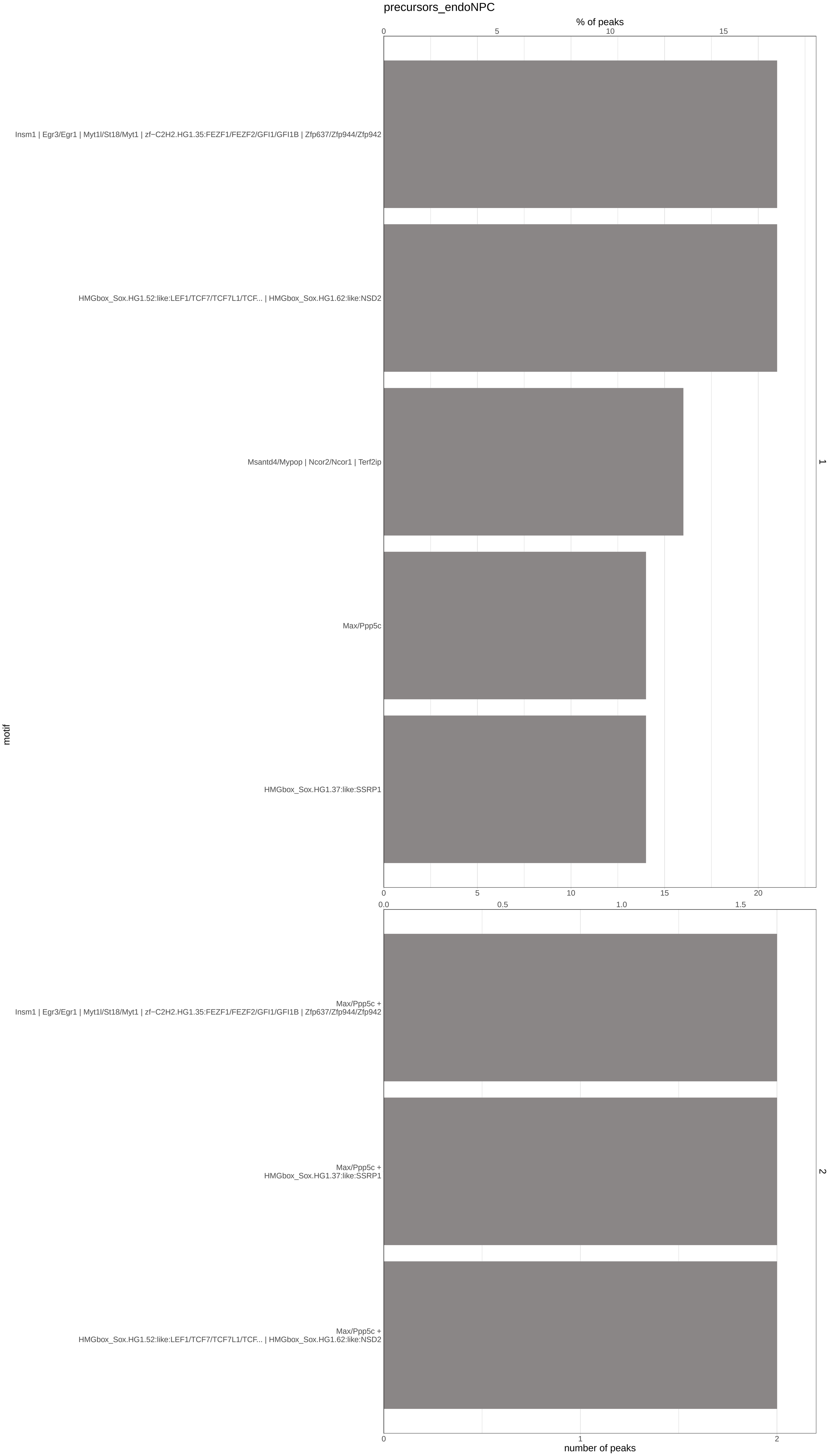

digestive_filaments_2
% of peaks
0
20
40
60
80
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
HMGbox_Sox.HG1.37:like:SSRP1
FoxA
Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Six4/5 | Hnf1a/Hnf1b
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... | Meis3/Meis2/Meis1 | Nkx2−2/Nkx2−9
1
0
100
200
300
0
10
20
30
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
HMGbox_Sox.HG1.37:like:SSRP1
FoxA +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Six4/5 | Hnf1a/Hnf1b
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
HMGbox_Sox.HG1.37:like:SSRP1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
FoxA
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... | Meis3/Meis2/Meis1 | Nkx2−2/Nkx2−9
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
FoxA +
Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... | Meis3/Meis2/Meis1 | Nkx2−2/Nkx2−9
motif
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Six4/5 | Hnf1a/Hnf1b
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
HMGbox_Sox.HG1.37:like:SSRP1
HMGbox_Sox.HG1.37:like:SSRP1 +
Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Gsc2/Gsc//Obox1/Obox7/Obox2
FoxA +
HMGbox_Sox.HG1.37:like:SSRP1
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Six4/5 | Hnf1a/Hnf1b
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... | Meis3/Meis2/Meis1 | Nkx2−2/Nkx2−9
Gsc2/Gsc//Obox1/Obox7/Obox2 +
Six4/5 | Hnf1a/Hnf1b
FoxA +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
FoxA +
Six4/5 | Hnf1a/Hnf1b
2
0
20
40
60
80
100
120
0
2
4
6
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
HMGbox_Sox.HG1.37:like:SSRP1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
FoxA +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Six4/5 | Hnf1a/Hnf1b
FoxA +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Gsc2/Gsc//Obox1/Obox7/Obox2
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
HMGbox_Sox.HG1.37:like:SSRP1 +
Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
HMGbox_Sox.HG1.37:like:SSRP1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DB... | Meis3/Meis2/Meis1 | Nkx2−2/Nkx2−9
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Six4/5 | Hnf1a/Hnf1b
FoxA +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
HMGbox_Sox.HG1.37:like:SSRP1
3
0
5
10
15
20
25
30
number of peaks

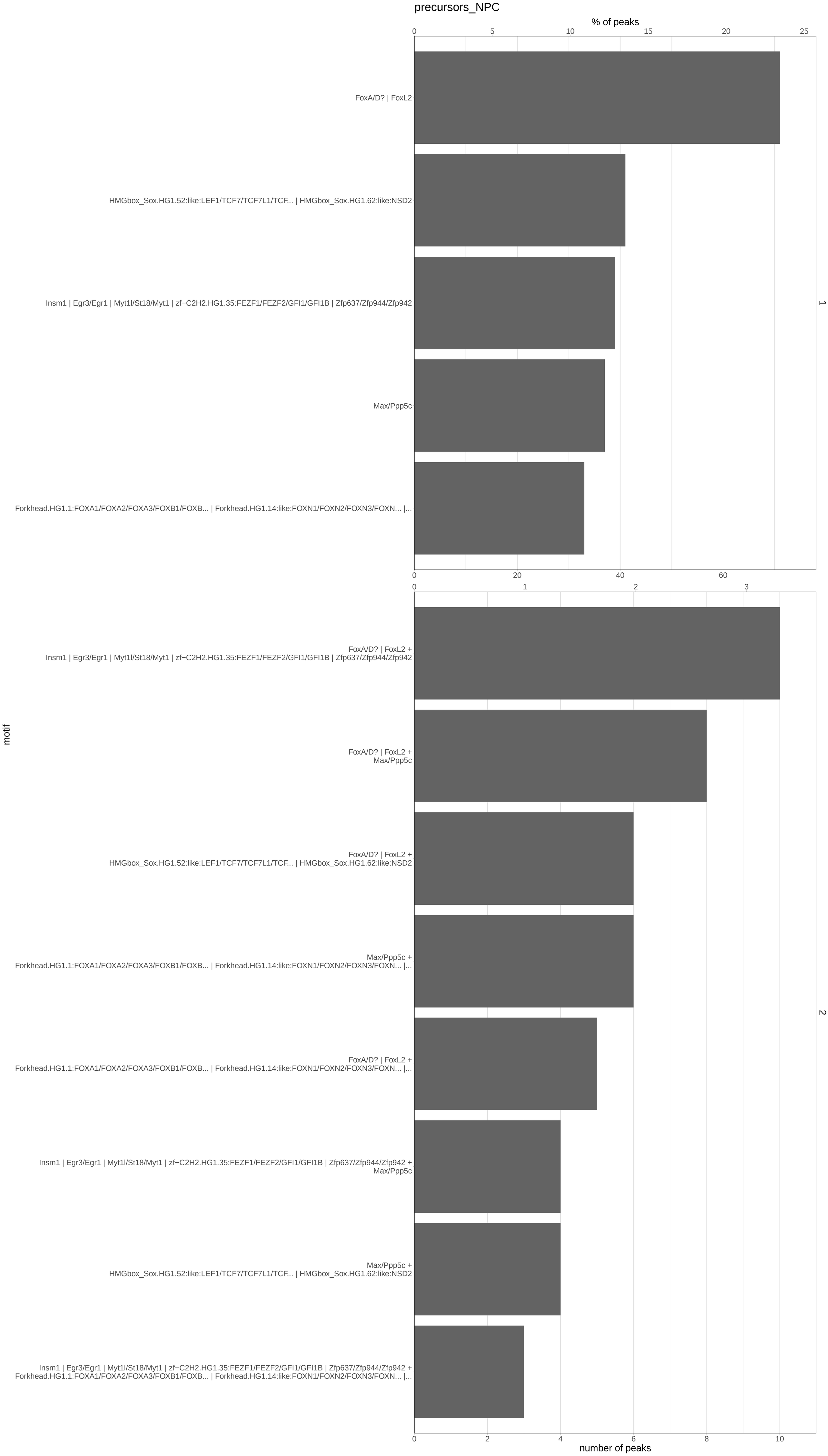

digestive_filaments_3
% of peaks
Gsc2/Gsc//Obox1/Obox7/Obox2
FoxA
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
HMGbox_Sox.HG1.37:like:SSRP1
Homeodomains.HG2.76:like:DMBX1
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
1
FoxA + Gsc2/Gsc//Obox1/Obox7/Obox2
HMGbox_Sox.HG1.37:like:SSRP1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + FoxA
Homeodomains.HG2.76:like:DMBX1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + HMGbox_Sox.HG1.37:like:SSRP1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
HMGbox_Sox.HG1.37:like:SSRP1 + FoxA
Homeodomains.HG2.76:like:DMBX1 + FoxA
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG2.76:like:DMBX1
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + HMGbox_Sox.HG1.37:like:SSRP1
Homeodomains.HG2.76:like:DMBX1 + HMGbox_Sox.HG1.37:like:SSRP1
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + FoxA
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + Homeodomains.HG2.76:like:DMBX1
2
motif
HMGbox_Sox.HG1.37:like:SSRP1 + FoxA + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + HMGbox_Sox.HG1.37:like:SSRP1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + FoxA + Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG2.76:like:DMBX1 + FoxA + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG2.76:like:DMBX1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + HMGbox_Sox.HG1.37:like:SSRP1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG2.76:like:DMBX1 + FoxA
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + FoxA + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + HMGbox_Sox.HG1.37:like:SSRP1 + FoxA
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + HMGbox_Sox.HG1.37:like:SSRP1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Homeodomains.HG2.76:like:DMBX1 + HMGbox_Sox.HG1.37:like:SSRP1 + FoxA
Homeodomains.HG2.76:like:DMBX1 + HMGbox_Sox.HG1.37:like:SSRP1 + Gsc2/Gsc//Obox1/Obox7/Obox2
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + FoxA
3
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 + Homeodomains.HG2.76:like:DMBX1 + FoxA + Gsc2/Gsc//Obox1/Obox7/Obox2
4
number of peaks

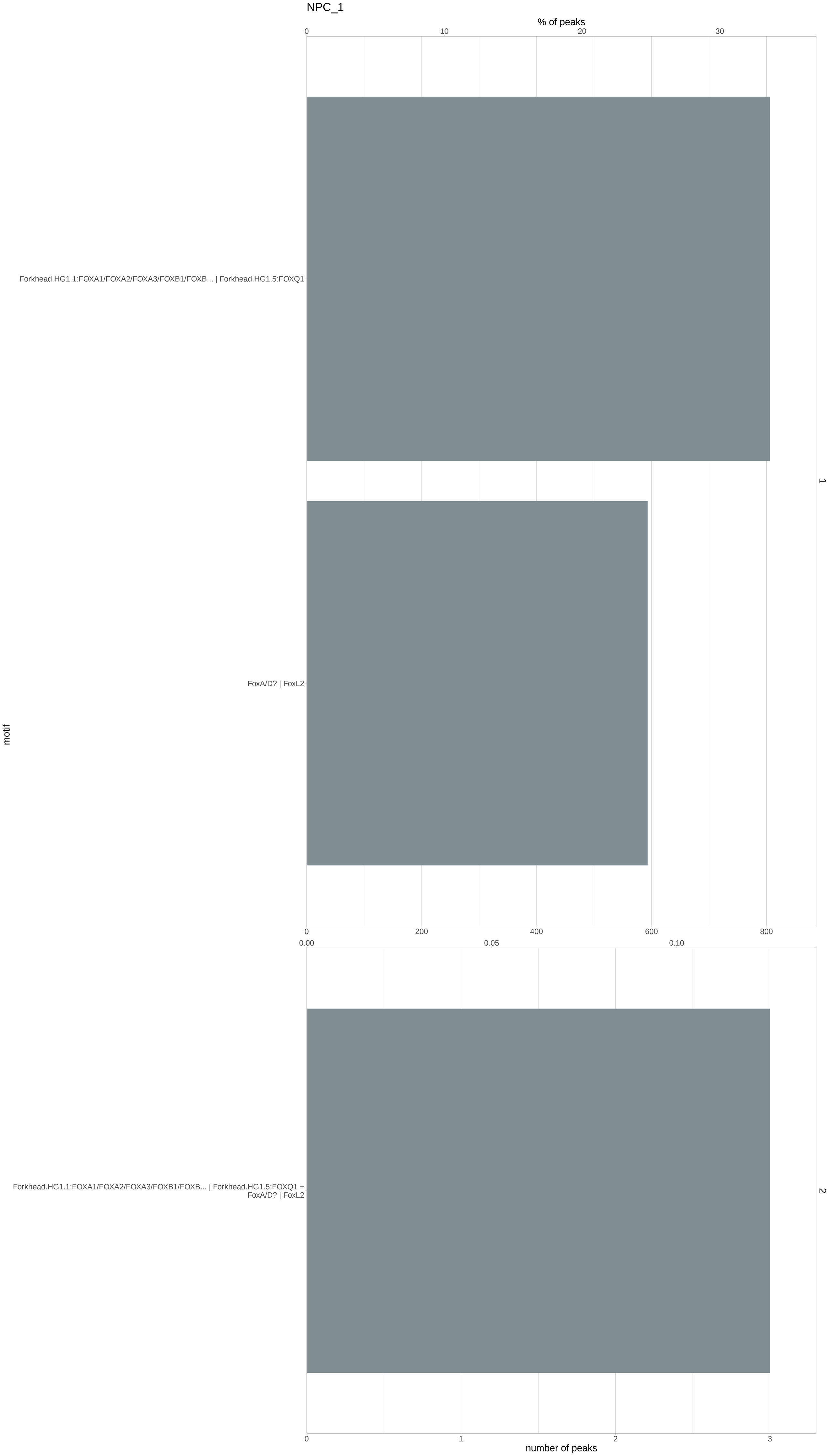

epidermis_1
% of peaks
0
10
20
30
40
PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX...
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2...
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
1
0
50
100
150
0
1
2
3
4
PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3 +
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX...
PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |... +
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX...
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX... +
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2...
PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3 +
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2...
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |... +
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2...
2
0
5
10
15
0.0
0.1
0.2
0.3
0.4
0.5
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |... +
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX... +
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2...
3
0
1
2
number of peaks
motif

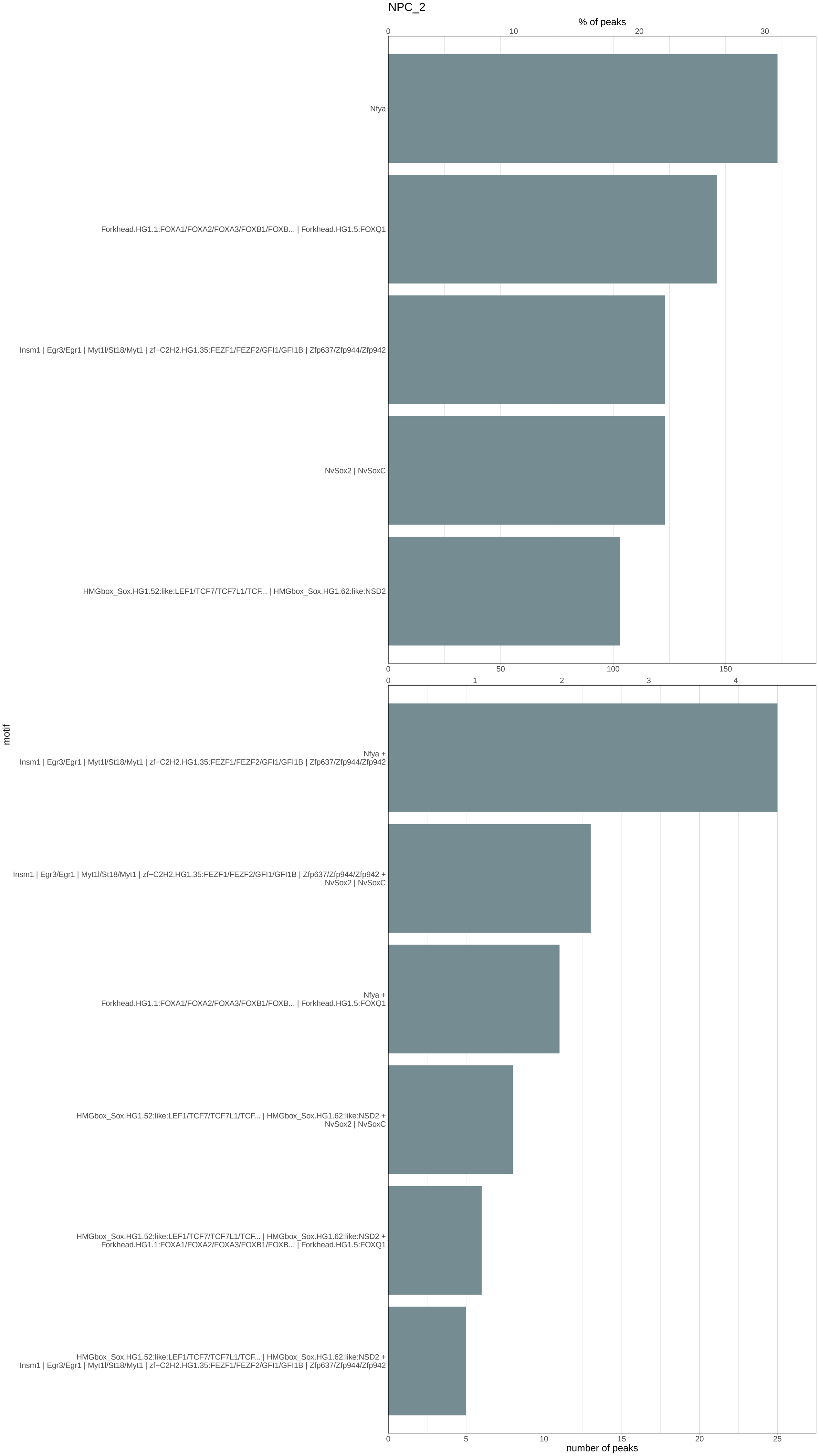

epidermis_2
% of peaks
0
5
10
15
20
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX...
PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2...
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
1
0
50
100
150
200
250
0.0
0.5
1.0
1.5
2.0
2.5
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX... + PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX... + Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |... + PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2... + FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX...
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX... + zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |... + zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2... + Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5 + PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2... + PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3
Cers6/Cers5 | Dlx4/Dlx1/Dlx3/Dlx6/Dlx2/Dlx5 | Homeodomains.HG1.55:like:EN1/EN2 | Homeodomains.HG2... + zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
2
0
5
10
15
20
25
0.0
0.1
0.2
0.3
FoxQ2d | Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOX... + Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |... + PAX3/7 | Pax5/Pax8/Pax2 | Pax7/Pax3
3
0
1
2
3
number of peaks
motif

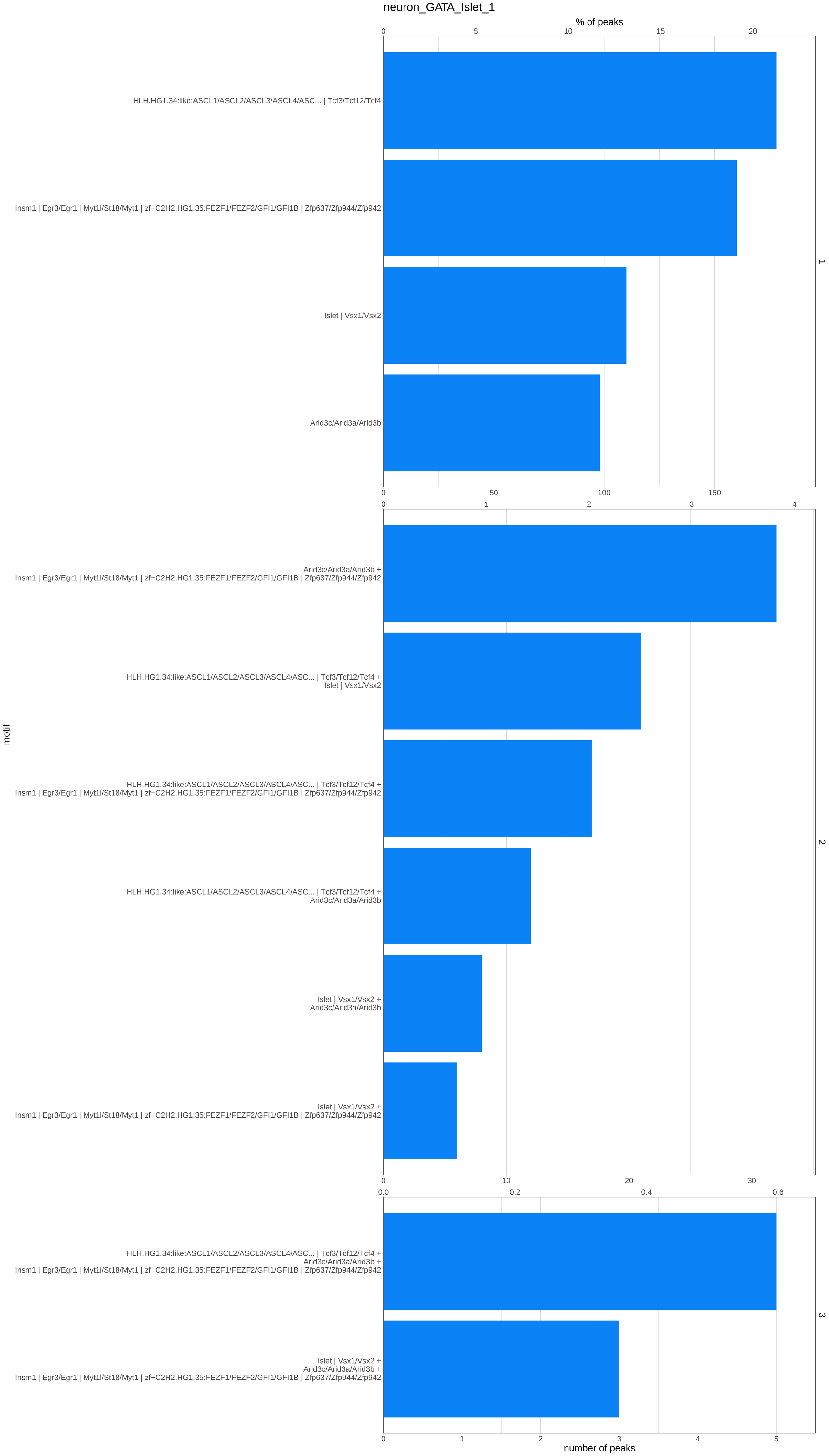

precursors_PGC
% of peaks
0
10
20
30
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
FoxA/D? | FoxL2
NvSox2 | NvSoxC
Nkx−2.2a | Tgif1/Tgif2
motif
0
5
10
15
20
25
number of peaks

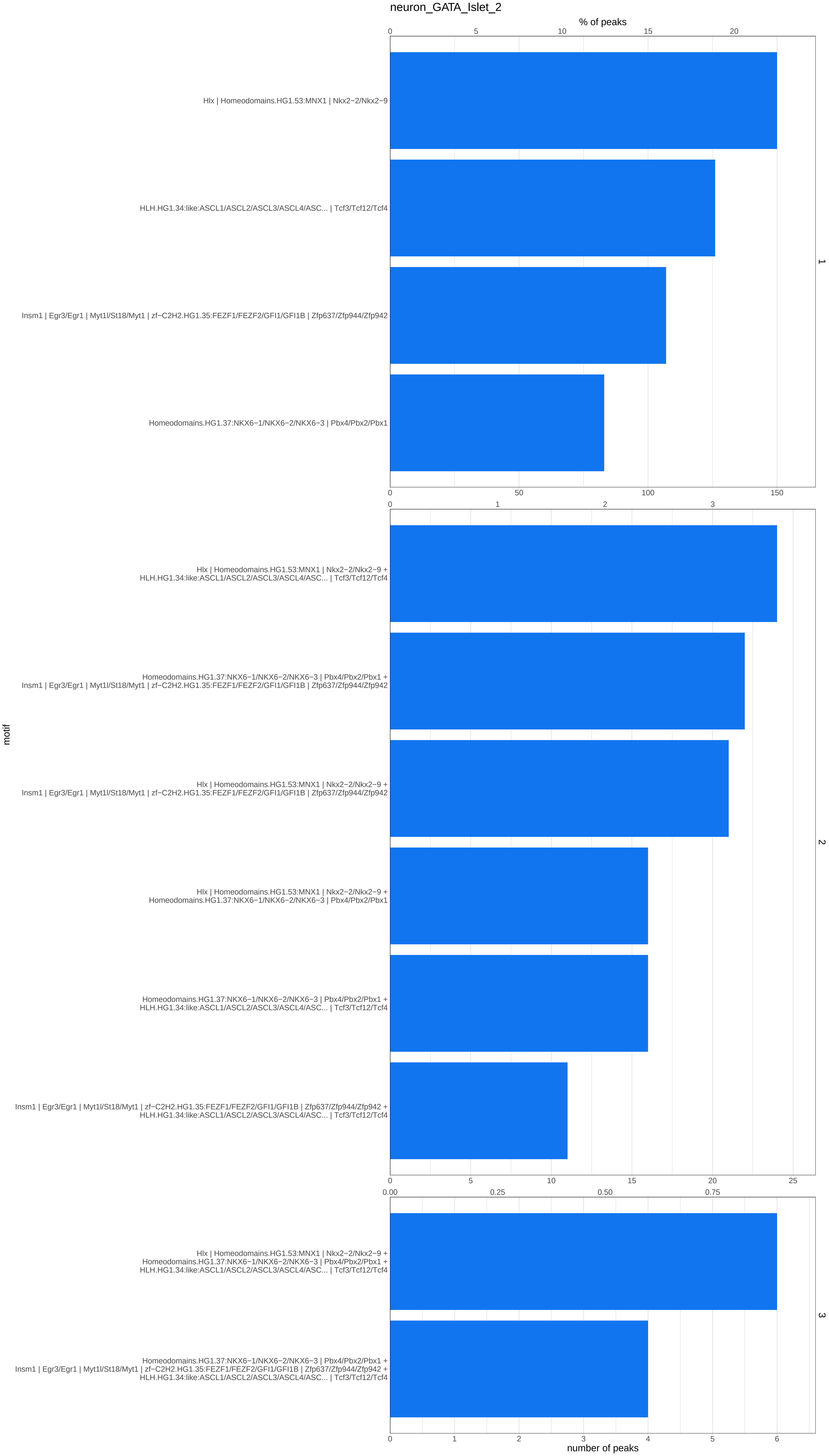

precursors_endoNPC
% of peaks
0
5
10
15
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2
Msantd4/Mypop | Ncor2/Ncor1 | Terf2ip
Max/Ppp5c
HMGbox_Sox.HG1.37:like:SSRP1
motif
1
0
5
10
15
20
0.0
0.5
1.0
1.5
Max/Ppp5c +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Max/Ppp5c +
HMGbox_Sox.HG1.37:like:SSRP1
Max/Ppp5c +
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2
2
0
1
2
number of peaks

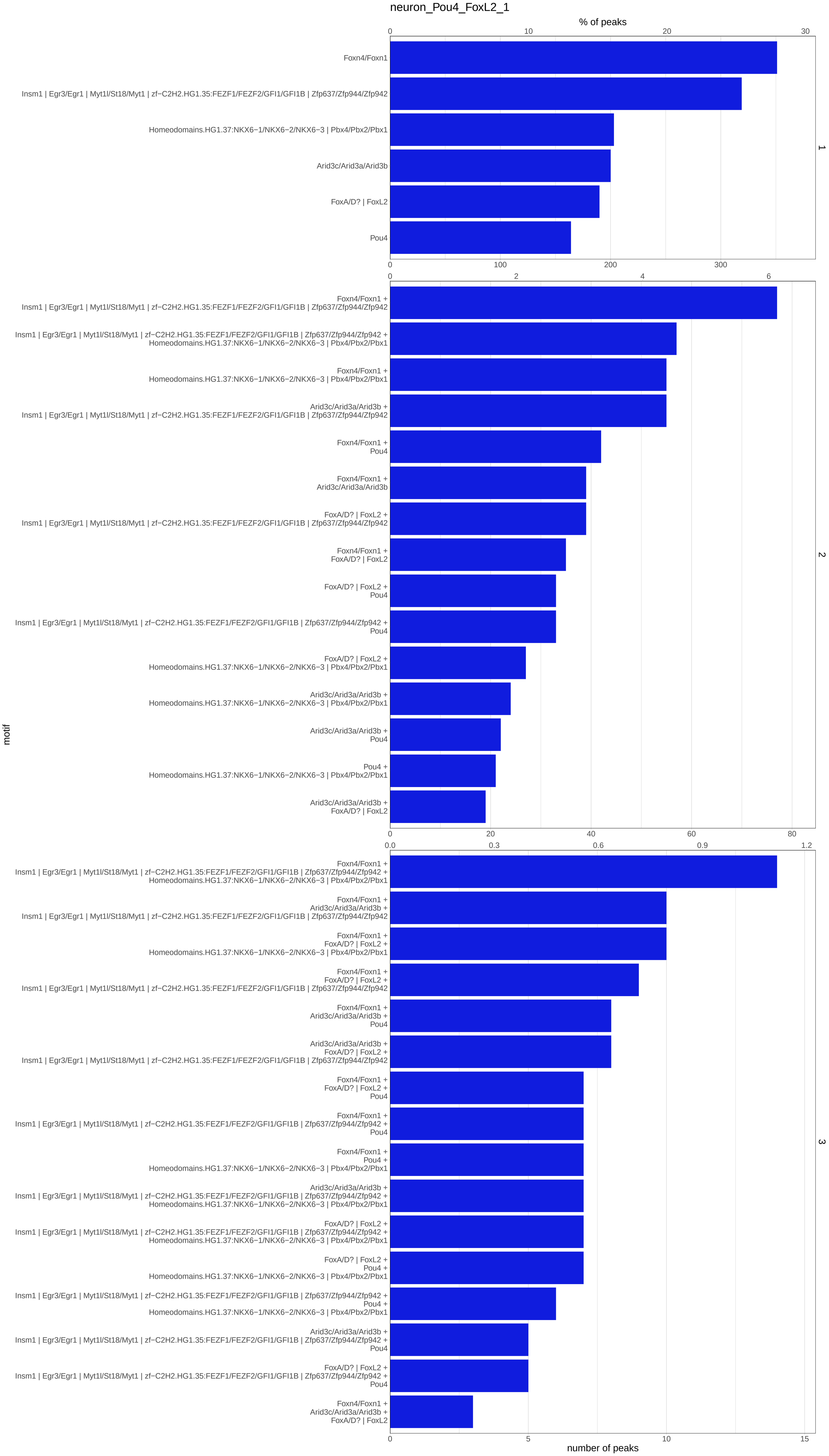

precursors_NPC
% of peaks
0
5
10
15
20
25
FoxA/D? | FoxL2
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Max/Ppp5c
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
1
0
20
40
60
0
1
2
3
motif
FoxA/D? | FoxL2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
FoxA/D? | FoxL2 +
Max/Ppp5c
FoxA/D? | FoxL2 +
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2
Max/Ppp5c +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
FoxA/D? | FoxL2 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Max/Ppp5c
Max/Ppp5c +
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN... |...
2
0
2
4
6
8
10
number of peaks

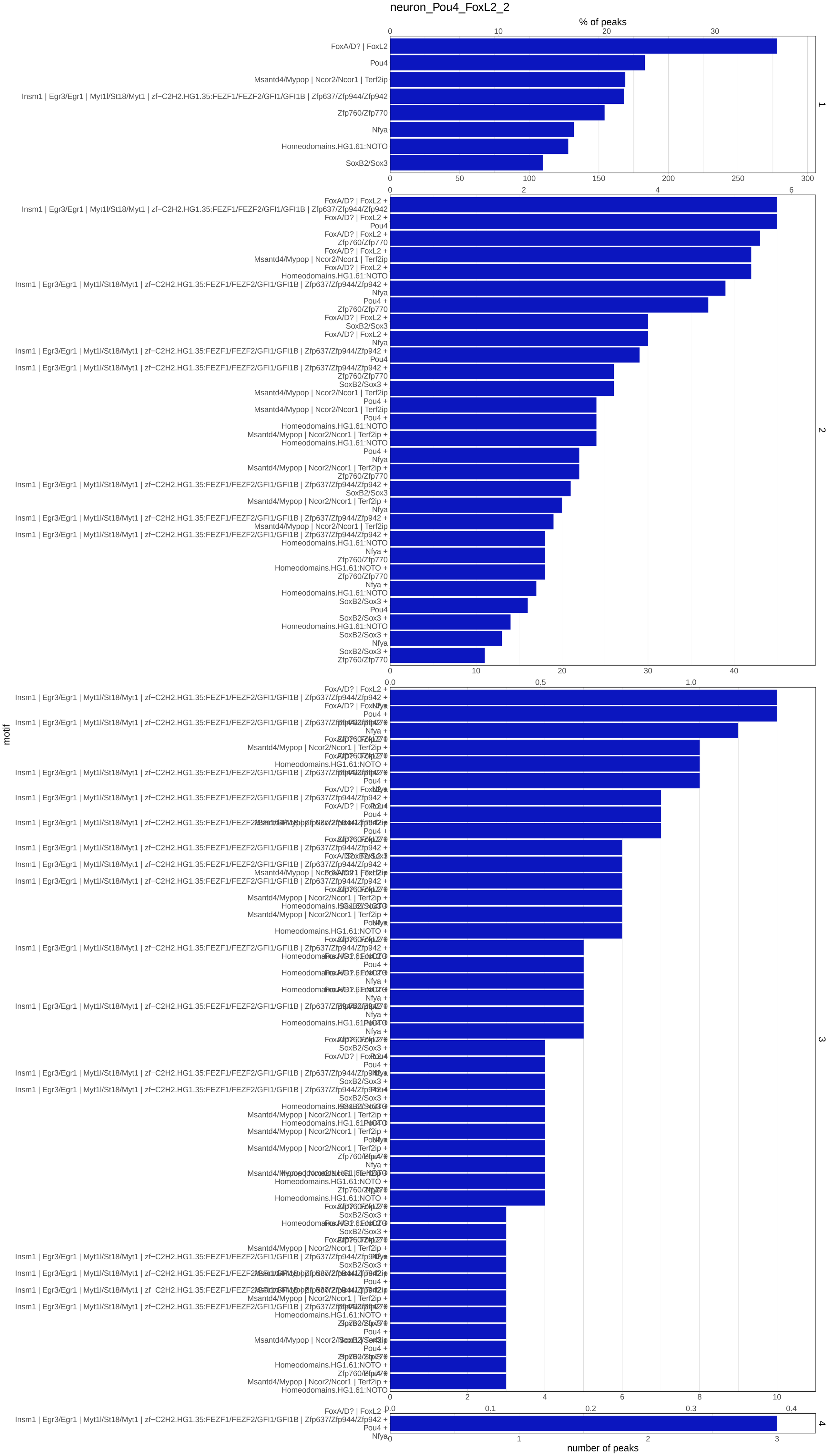

NPC_1
% of peaks
0
10
20
30
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
1
FoxA/D? | FoxL2
motif
0
200
400
600
800
0.00
0.05
0.10
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
FoxA/D? | FoxL2
2
0
1
2
3
number of peaks

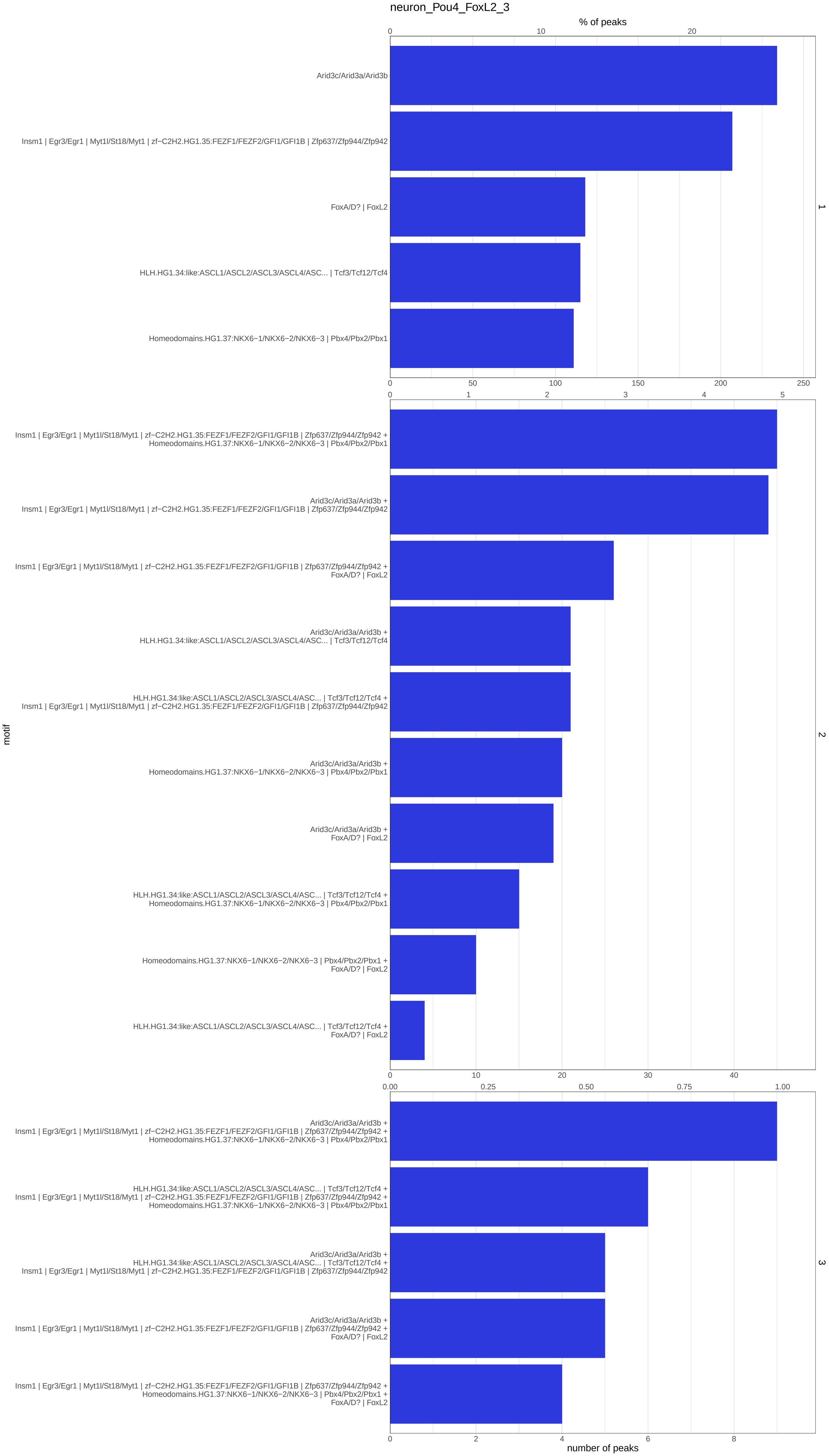

NPC_2
% of peaks
0
10
20
30
Nfya
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
NvSox2 | NvSoxC
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2
1
0
50
100
150
0
1
2
3
4
motif
Nfya +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
NvSox2 | NvSoxC
Nfya +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2 +
NvSox2 | NvSoxC
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2 +
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF... | HMGbox_Sox.HG1.62:like:NSD2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
2
0
5
10
15
20
25
number of peaks

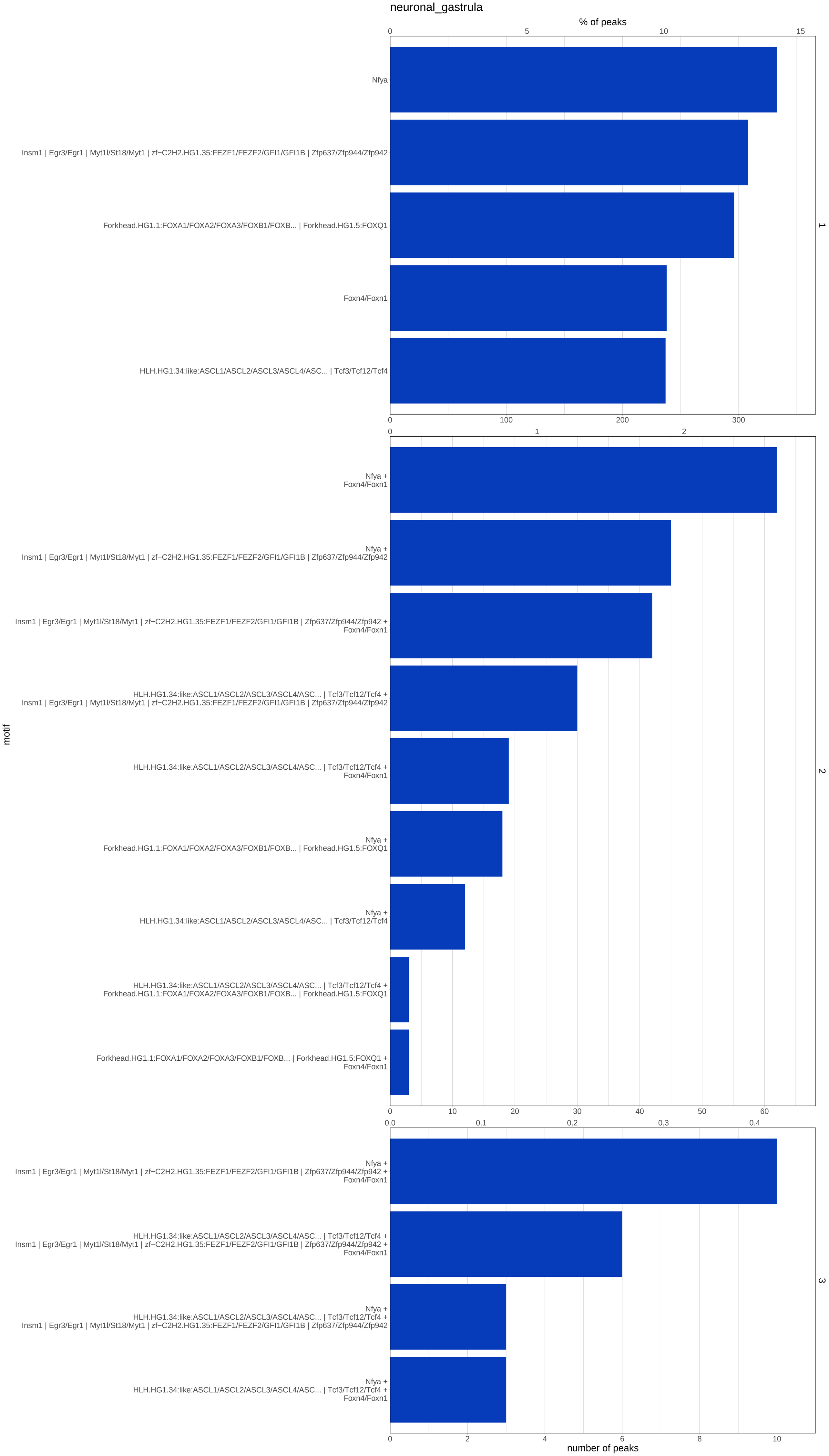

neuron_GATA_Islet_1
% of peaks
0
5
10
15
20
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Islet | Vsx1/Vsx2
Arid3c/Arid3a/Arid3b
1
0
50
100
150
0
1
2
3
4
Arid3c/Arid3a/Arid3b +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Islet | Vsx1/Vsx2
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Arid3c/Arid3a/Arid3b
Islet | Vsx1/Vsx2 +
Arid3c/Arid3a/Arid3b
Islet | Vsx1/Vsx2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
2
0
10
20
30
0.0
0.2
0.4
0.6
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Arid3c/Arid3a/Arid3b +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Islet | Vsx1/Vsx2 +
Arid3c/Arid3a/Arid3b +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
3
0
1
2
3
4
5
number of peaks
motif

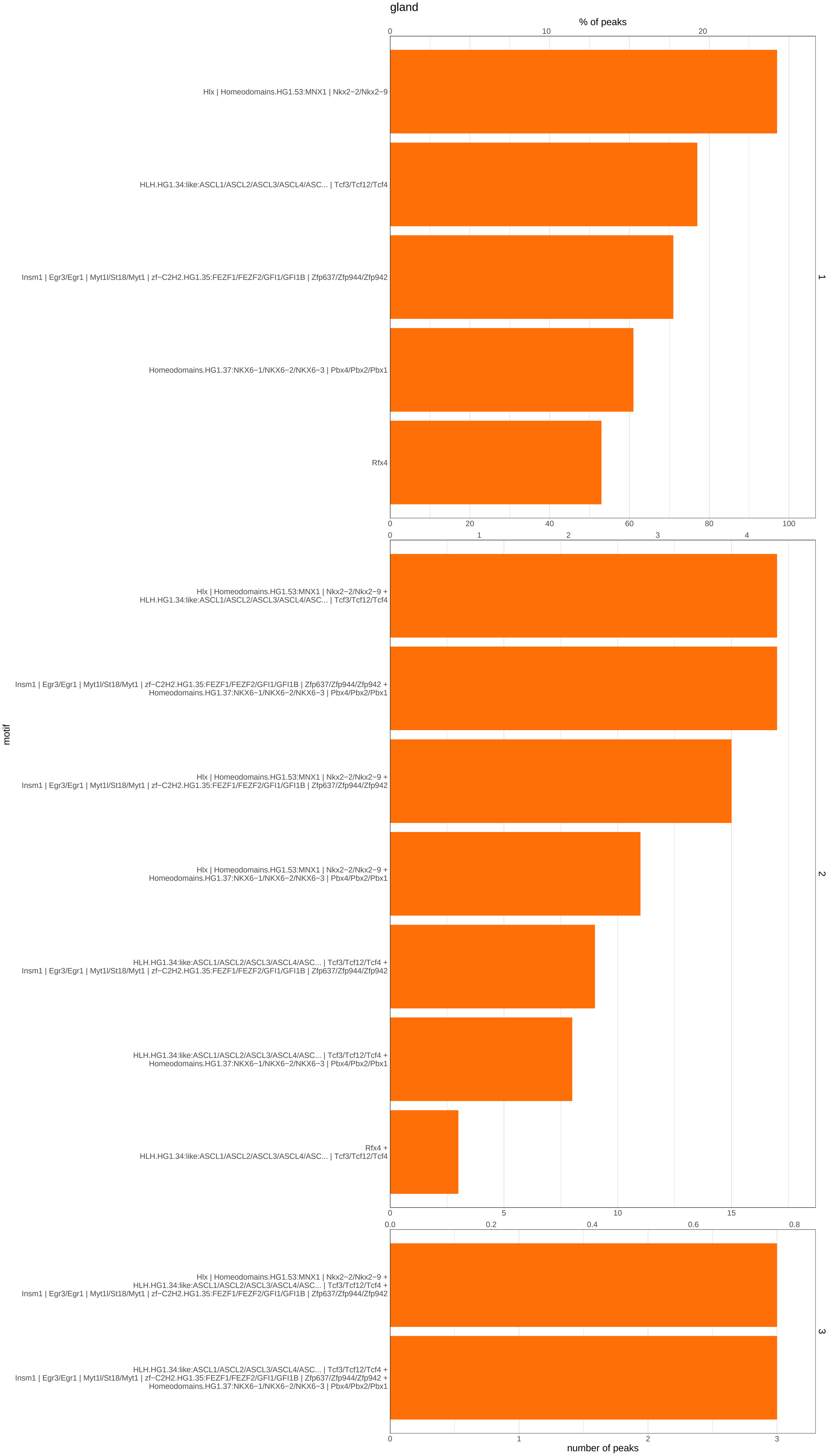

neuron_GATA_Islet_2
% of peaks
0
5
10
15
20
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
1
0
50
100
150
0
1
2
3
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
2
0
5
10
15
20
25
0.00
0.25
0.50
0.75
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
3
0
1
2
3
4
5
6
number of peaks
motif

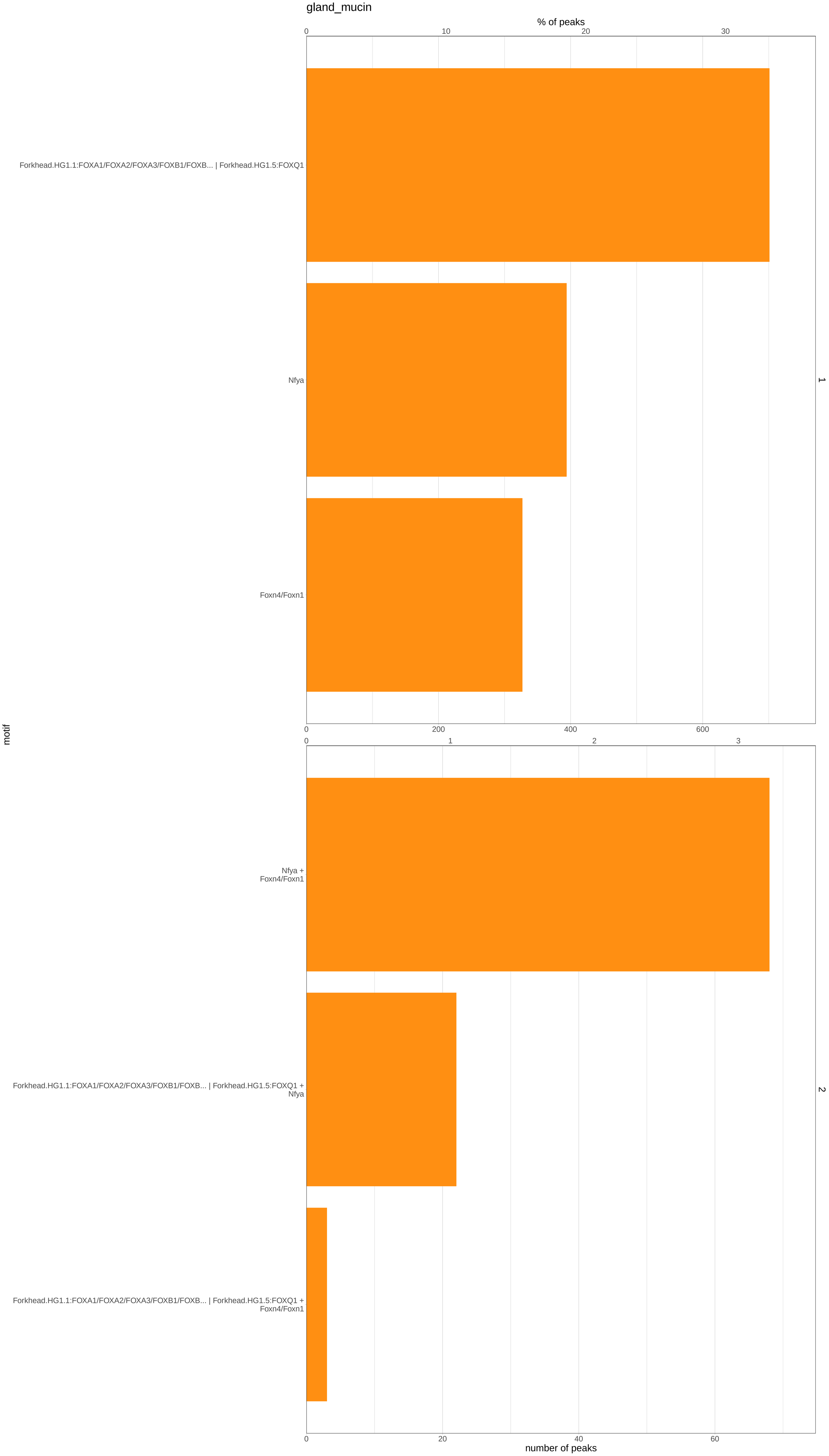

neuron_Pou4_FoxL2_1
% of peaks
0
10
20
30
Foxn4/Foxn1
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b
FoxA/D? | FoxL2
Pou4
1
0
100
200
300
0
2
4
6
Foxn4/Foxn1 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Foxn4/Foxn1 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Foxn4/Foxn1 +
Pou4
Foxn4/Foxn1 +
Arid3c/Arid3a/Arid3b
FoxA/D? | FoxL2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Foxn4/Foxn1 +
FoxA/D? | FoxL2
FoxA/D? | FoxL2 +
Pou4
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Pou4
FoxA/D? | FoxL2 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b +
Pou4
Pou4 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b +
FoxA/D? | FoxL2
motif
0
20
40
60
80
0.0
0.3
0.6
0.9
1.2
2
Foxn4/Foxn1 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Foxn4/Foxn1 +
Arid3c/Arid3a/Arid3b +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Foxn4/Foxn1 +
FoxA/D? | FoxL2 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Foxn4/Foxn1 +
FoxA/D? | FoxL2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Foxn4/Foxn1 +
Arid3c/Arid3a/Arid3b +
Pou4
Arid3c/Arid3a/Arid3b +
FoxA/D? | FoxL2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Foxn4/Foxn1 +
FoxA/D? | FoxL2 +
Pou4
Foxn4/Foxn1 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Pou4
Foxn4/Foxn1 +
Pou4 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
FoxA/D? | FoxL2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
FoxA/D? | FoxL2 +
Pou4 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Pou4 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Pou4
FoxA/D? | FoxL2 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Pou4
Foxn4/Foxn1 +
Arid3c/Arid3a/Arid3b +
FoxA/D? | FoxL2
0
5
10
15
number of peaks
3


neuron_Pou4_FoxL2_2
% of peaks
FoxA/D? | FoxL2
Pou4
Msantd4/Mypop | Ncor2/Ncor1 | Terf2ip
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Zfp760/Zfp770
Nfya
Homeodomains.HG1.61:NOTO
SoxB2/Sox3
1
motif
number of peaks
2
3
4


neuron_Pou4_FoxL2_3
% of peaks
0
10
20
Arid3c/Arid3a/Arid3b
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
FoxA/D? | FoxL2
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
1
0
50
100
150
200
250
0
1
2
3
4
5
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + FoxA/D? | FoxL2
Arid3c/Arid3a/Arid3b + HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Arid3c/Arid3a/Arid3b + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b + FoxA/D? | FoxL2
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + FoxA/D? | FoxL2
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + FoxA/D? | FoxL2
motif
2
0
10
20
30
40
0.00
0.25
0.50
0.75
1.00
Arid3c/Arid3a/Arid3b + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Arid3c/Arid3a/Arid3b + HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Arid3c/Arid3a/Arid3b + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + FoxA/D? | FoxL2
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1 + FoxA/D? | FoxL2
3
0
2
4
6
8
number of peaks


neuronal_gastrula
% of peaks
0
5
10
15
Nfya
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Foxn4/Foxn1
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
1
0
100
200
300
0
1
2
Nfya + Foxn4/Foxn1
Nfya + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + Foxn4/Foxn1
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Foxn4/Foxn1
Nfya + Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Nfya + HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 + Foxn4/Foxn1
motif
2
0
10
20
30
40
50
60
0.0
0.1
0.2
0.3
0.4
Nfya + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + Foxn4/Foxn1
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 + Foxn4/Foxn1
Nfya + HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Nfya + HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 + Foxn4/Foxn1
3
0
2
4
6
8
10
number of peaks


gland
% of peaks
0
10
20
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Rfx4
1
0
20
40
60
80
100
0
1
2
3
4
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
Rfx4 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4
motif
2
0
5
10
15
0.0
0.2
0.4
0.6
0.8
Hlx | Homeodomains.HG1.53:MNX1 | Nkx2−2/Nkx2−9 +
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942
HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASC... | Tcf3/Tcf12/Tcf4 +
Insm1 | Egr3/Egr1 | Myt1l/St18/Myt1 | zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B | Zfp637/Zfp944/Zfp942 +
Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3 | Pbx4/Pbx2/Pbx1
3
0
1
2
3
number of peaks


gland_mucin
% of peaks
0
10
20
30
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1
Nfya
Foxn4/Foxn1
1
0
200
400
600
0
1
2
3
Nfya +
Foxn4/Foxn1
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Nfya
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB... | Forkhead.HG1.5:FOXQ1 +
Foxn4/Foxn1
2
0
20
40
60
number of peaks
motif