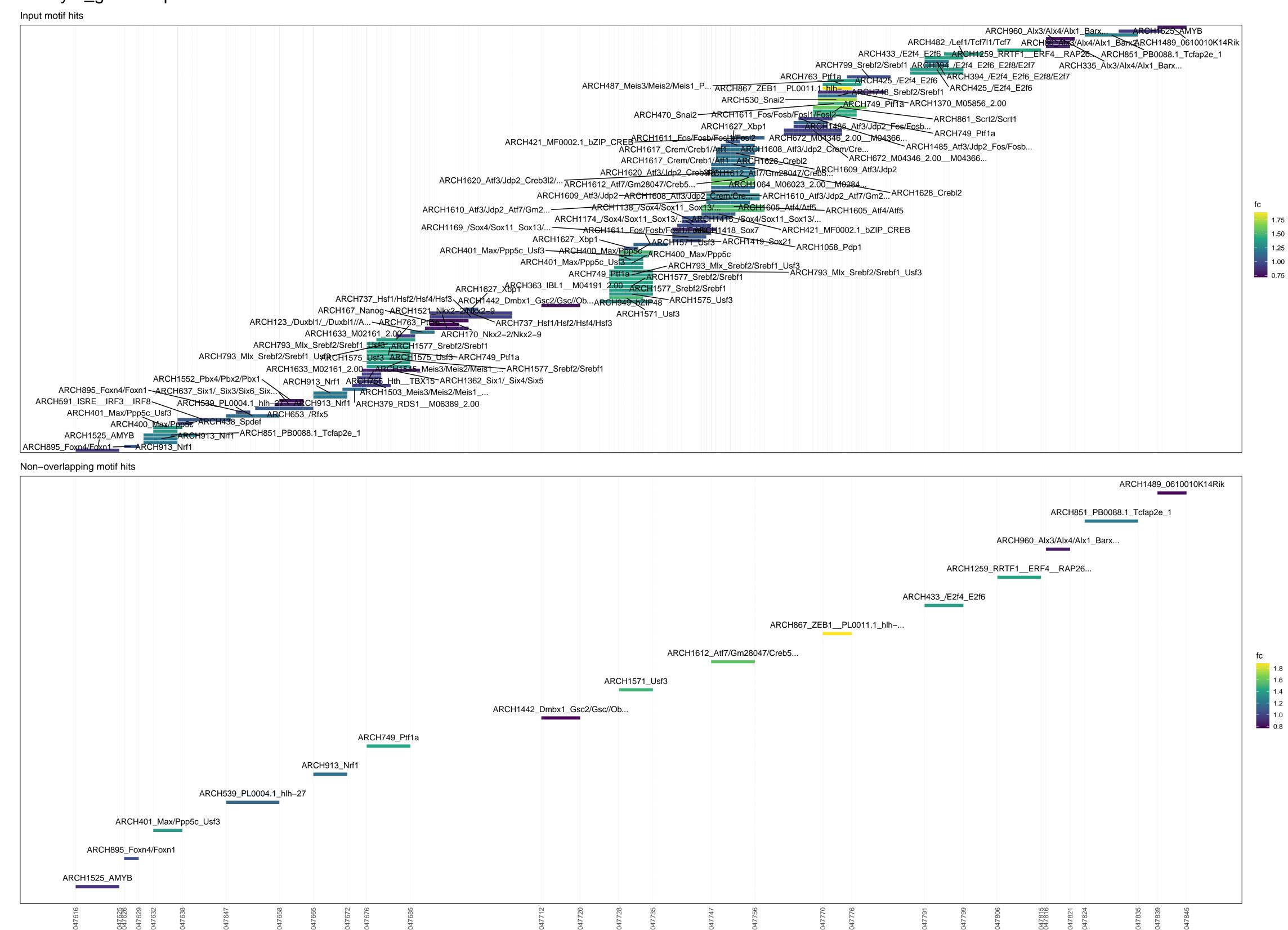


ARCH1017_Foxa3/Foxa1/Foxa2_...

ARCH1204_ARR1__ZNF24



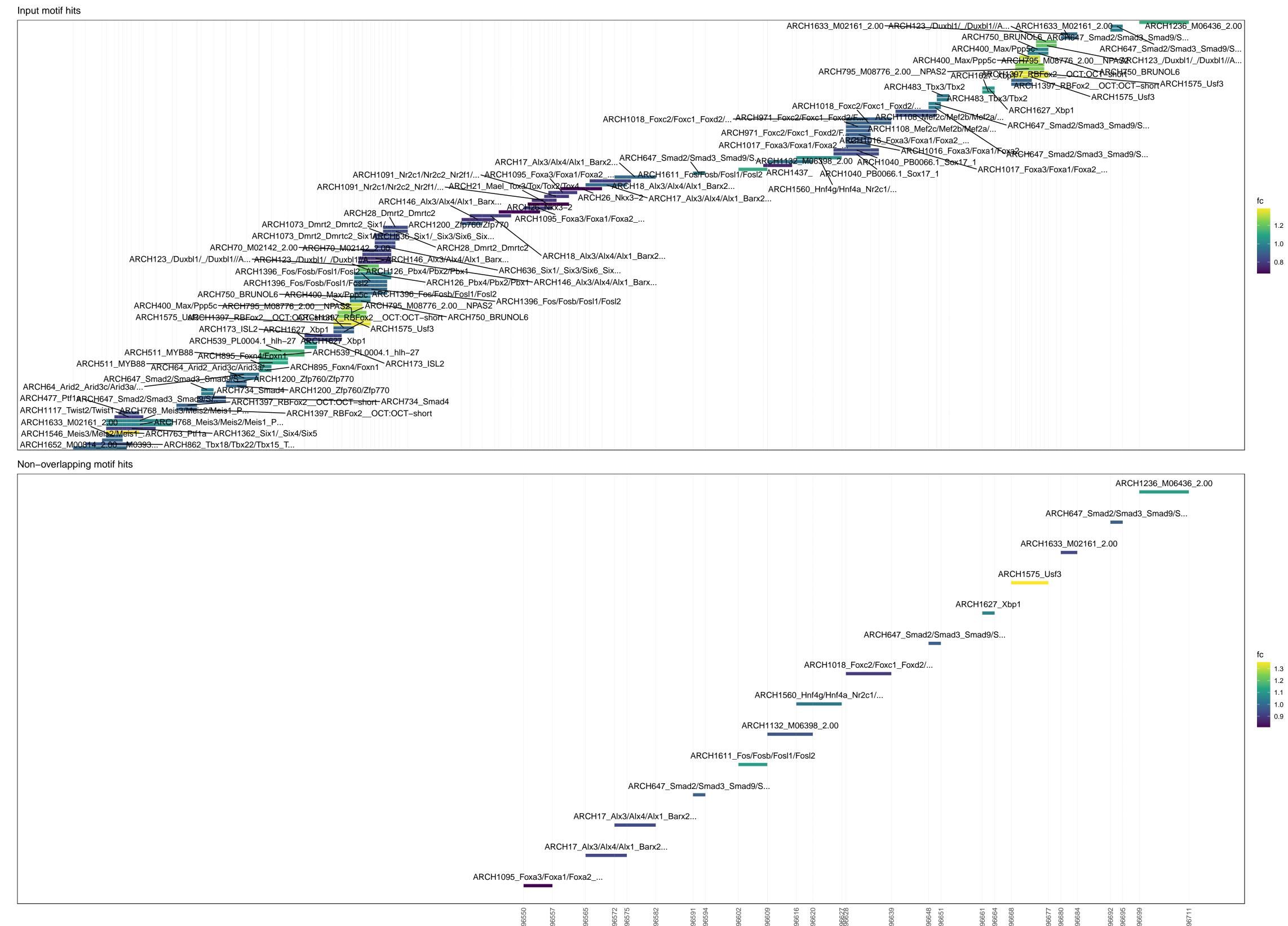
cnidocyte_gastrula peak15488 Input motif hits ARCH1051_Irx6 ARCH1052_Irx6 ARCH1594_Nr2c1/Nr2c2_Nr2f1/... ARCH1294_Elf3/Ehf/Elf5_Erg/..-ARCH647_Smad2/Smad3_Smad9/S... ARCH1609_Atf3/Jdp2 ARCH150_HOXC11 ARCH755_Hth__TBX15 ARCH1028_Alx3/Alx4/Alx1_Bar...
ARCH1316_Hoxa1/Hoxb1/Hoxd1 ARCH438_Spdef ARCH699_TEAD4 ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH438_Spdef

ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6 ARCH700_TEAD3__TEAD1

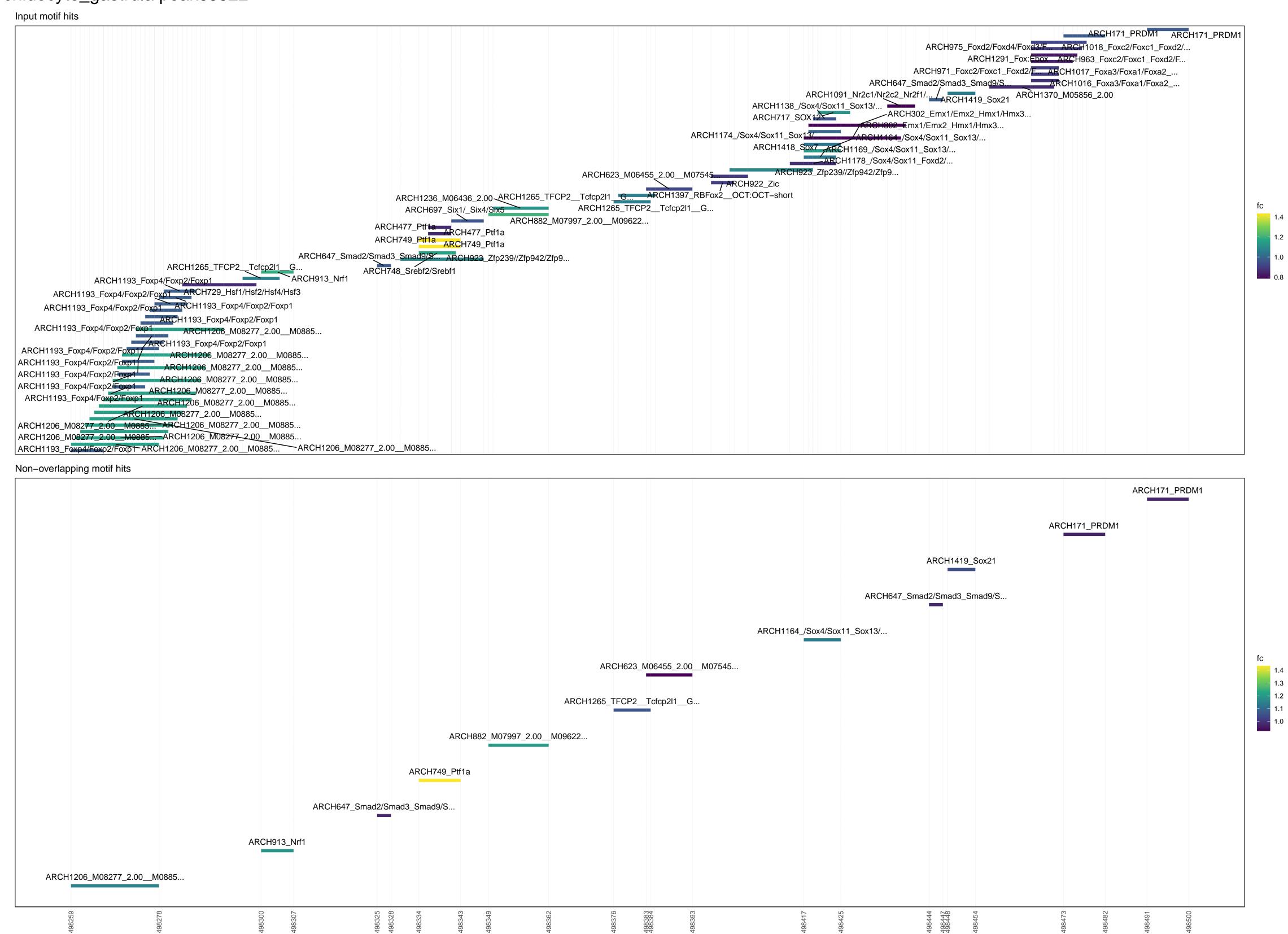
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ARCH281_ARCH282_Alx3/Alx4/Alx1_Dlx4...
ARCH281_ARCH282_Alx3/Alx4/Alx1_Dlx4... Non-overlapping motif hits ARCH1051_Irx6 ARCH647_Smad2/Smad3_Smad9/S... ARCH1609_Atf3/Jdp2 ARCH1294_Elf3/Ehf/Elf5_Erg/... ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6 ARCH885_Mafb__M04343_2.00_ 2.0 ARCH584_Elf3/Ehf/Elf5_Erg/F... 1.6 ARCH353_M06062_2.00__M06468... ARCH523_Yy1 ARCH438_Spdef ARCH153_Msantd2_Rcor1/Rcor2... ARCH1204_ARR1__ZNF24 ARCH828_Zfp1000//Zfp758/Zfp...

ARCH76_CES-1__PB0171.1_Sox18_2

1.2

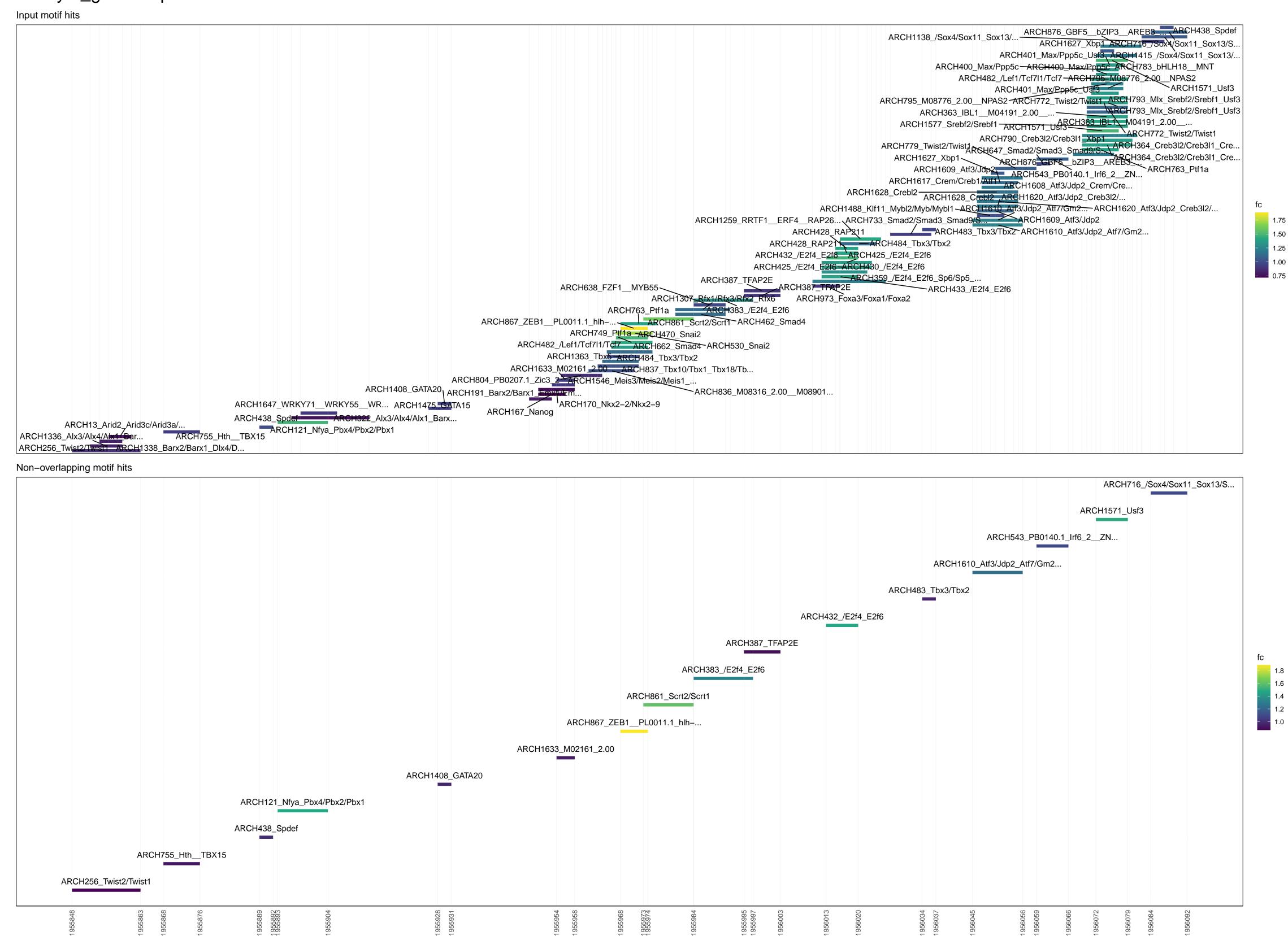


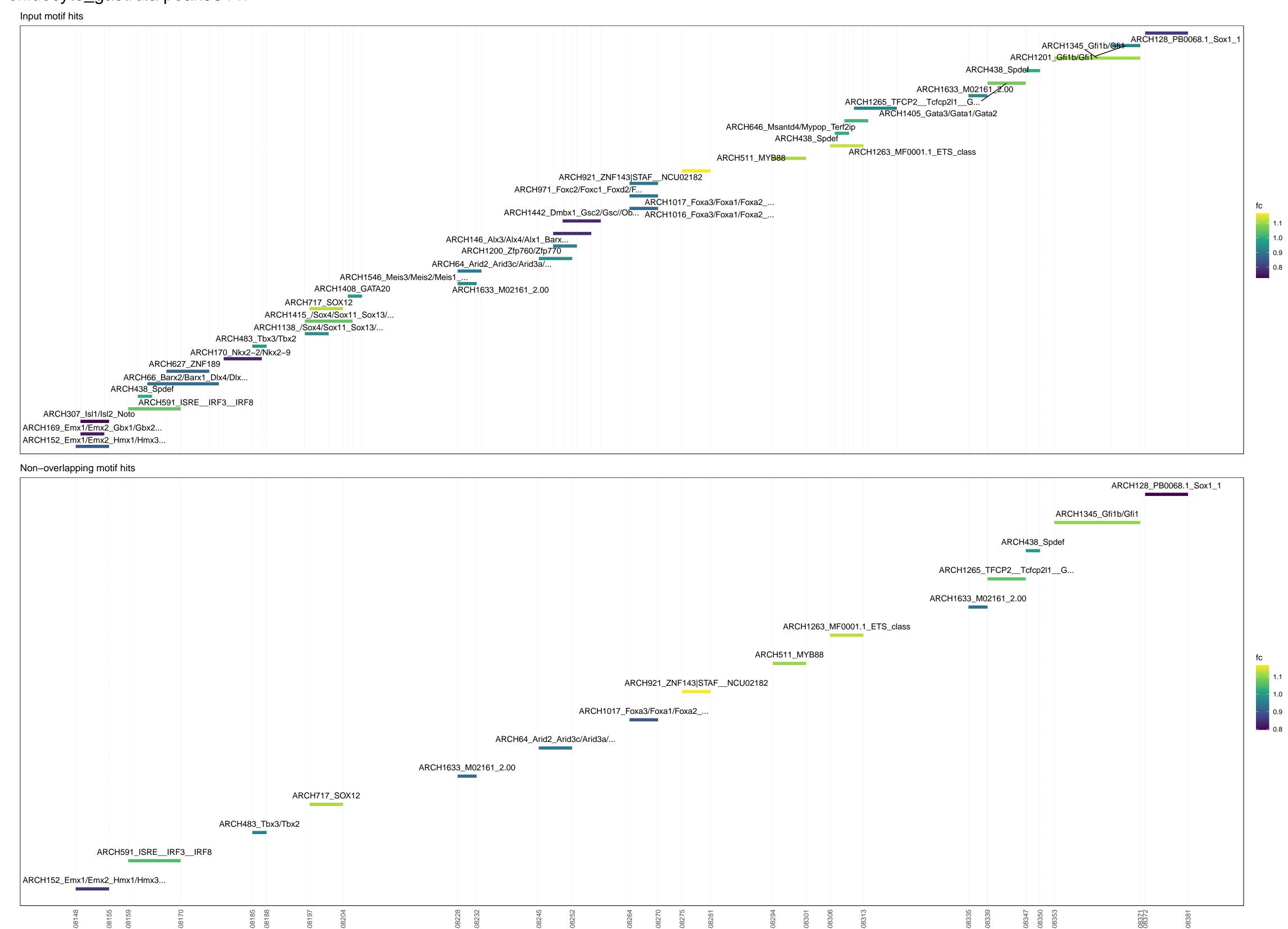
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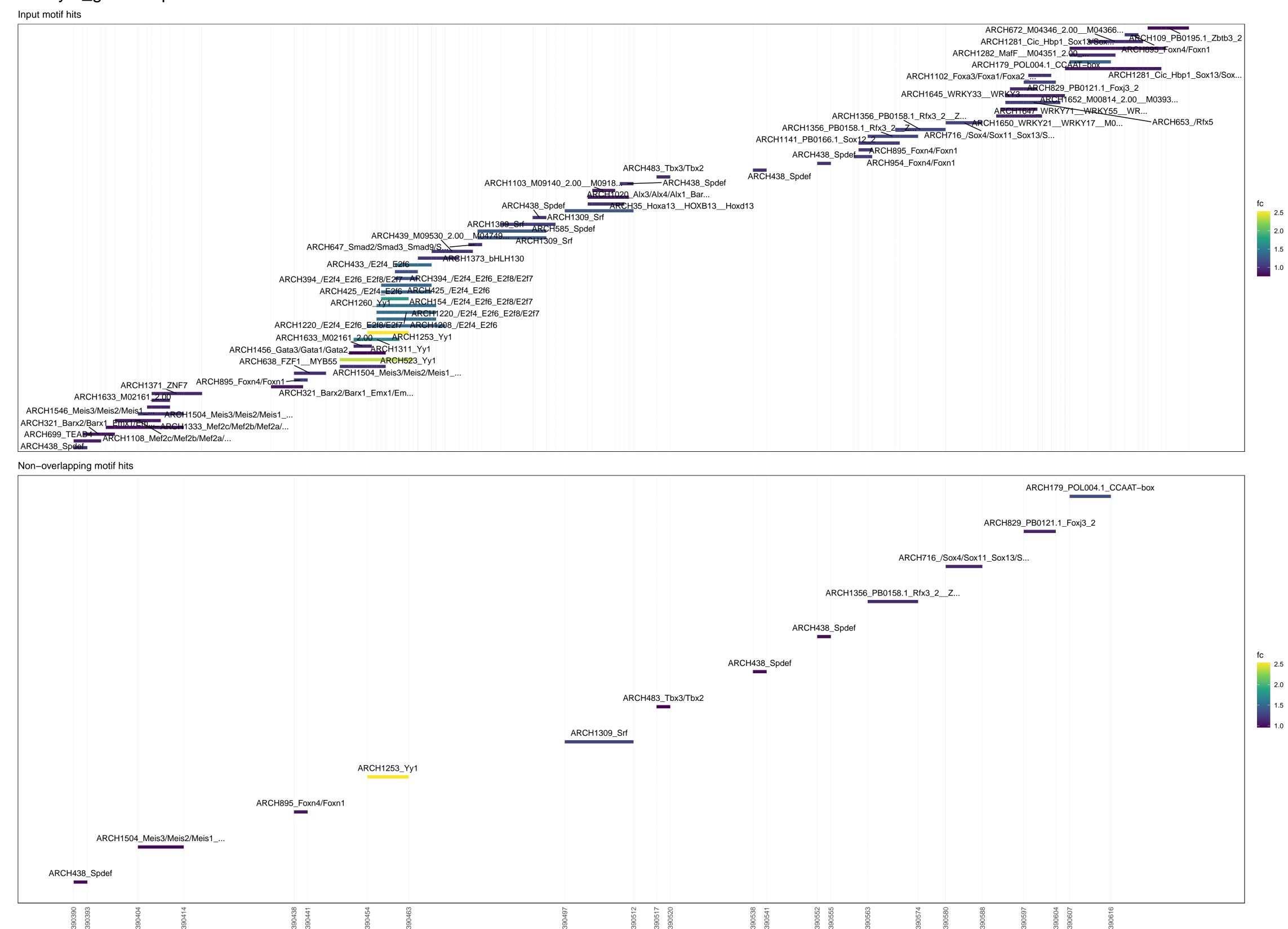


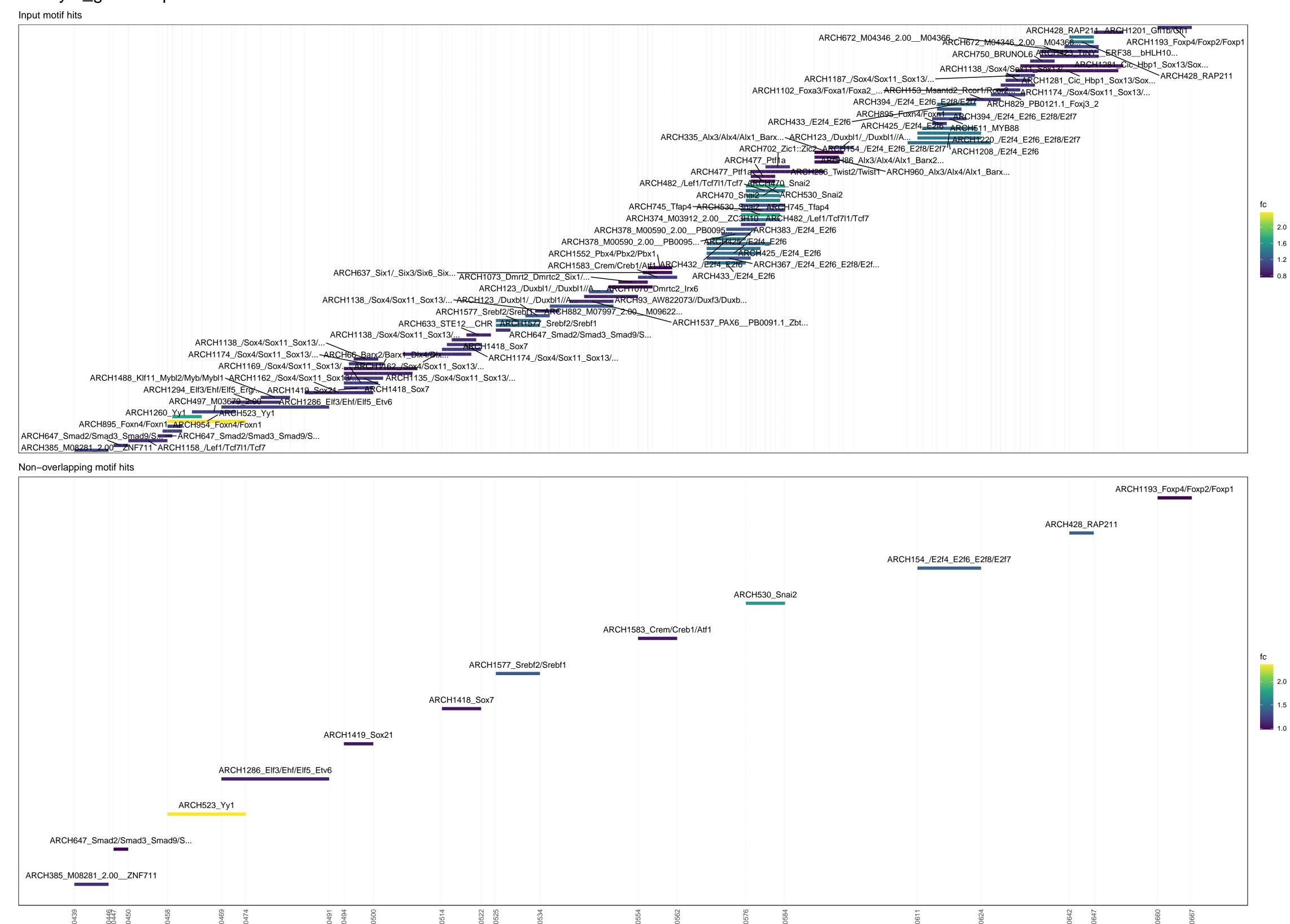
genomic position

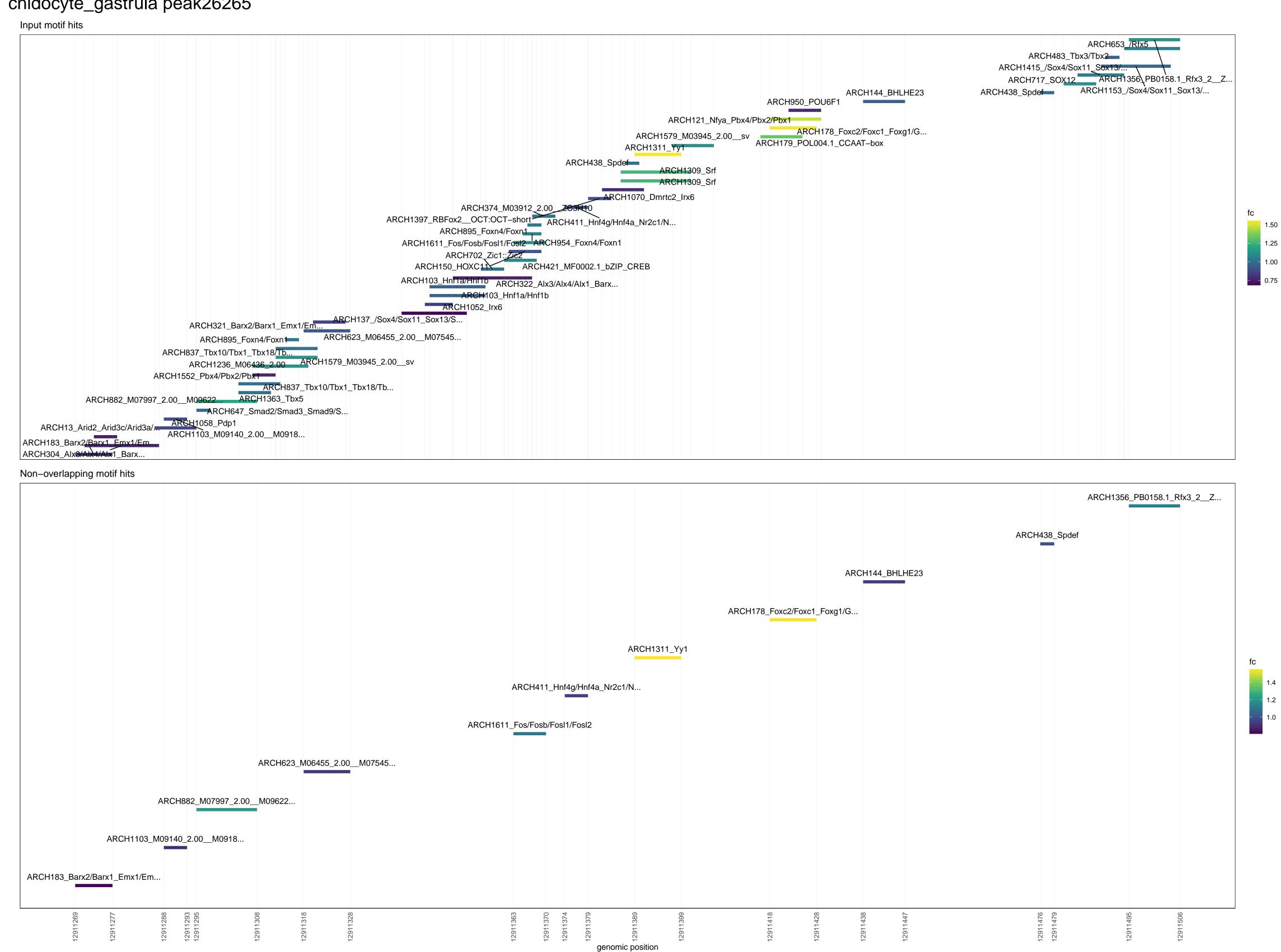
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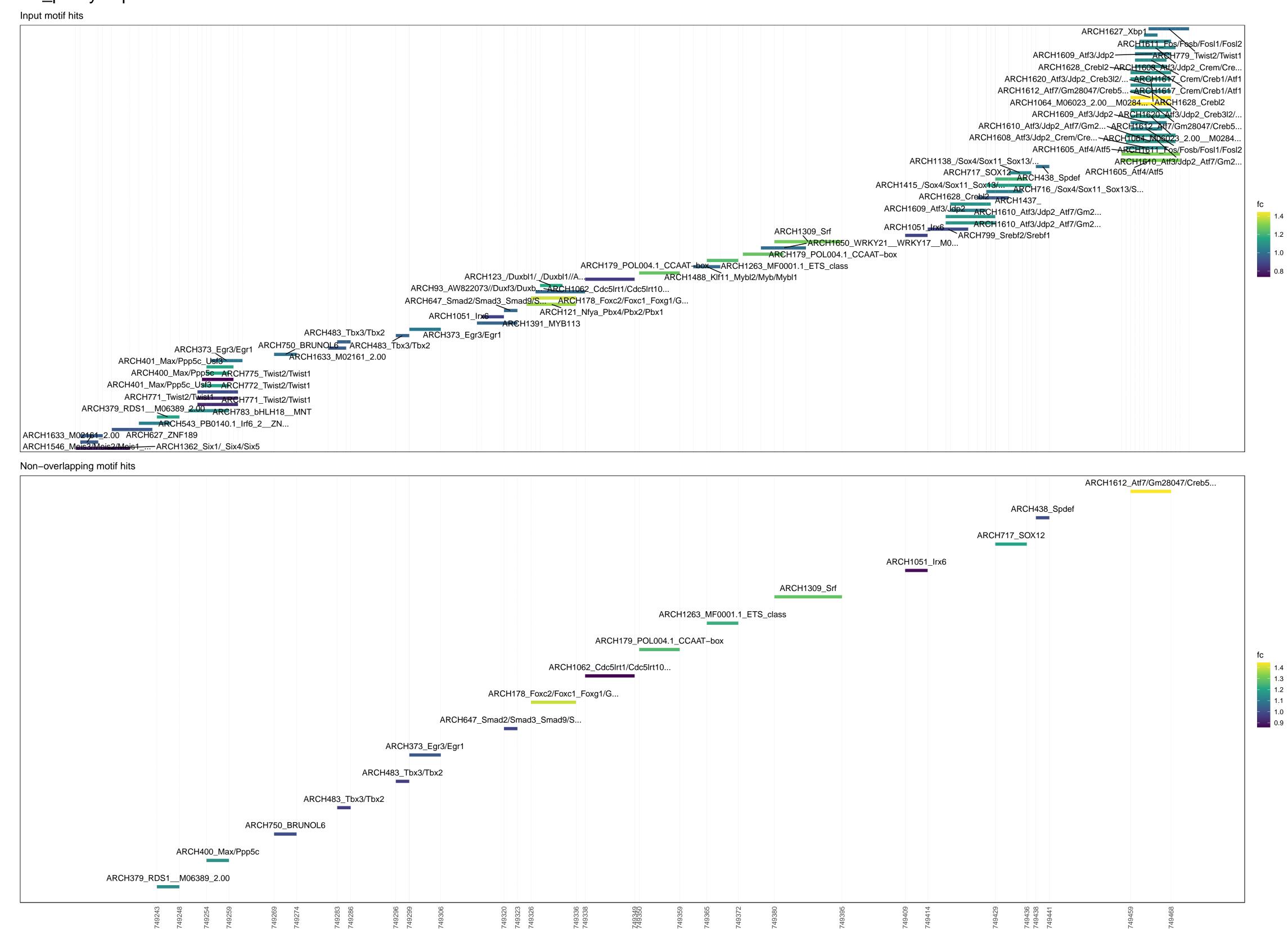


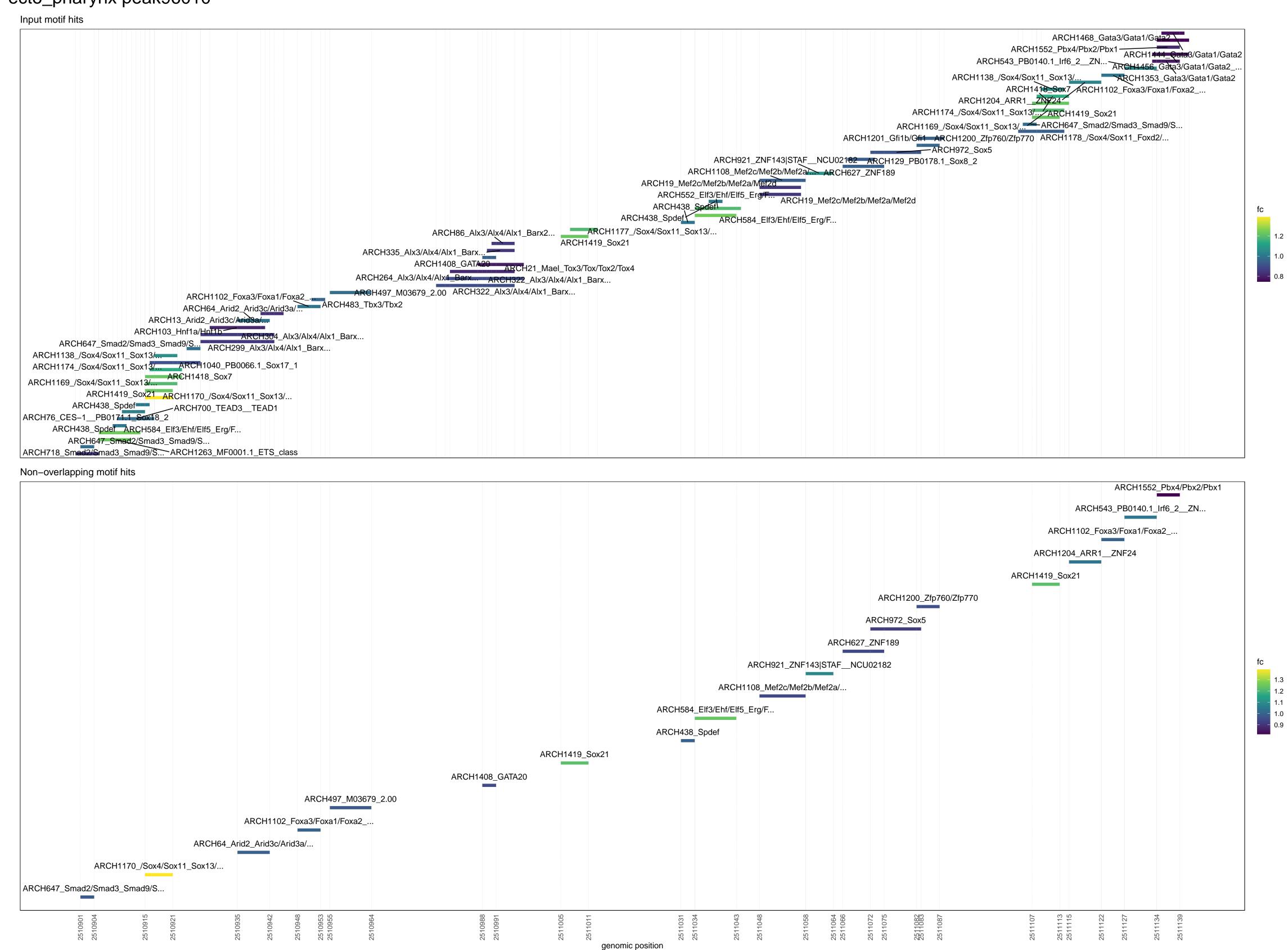




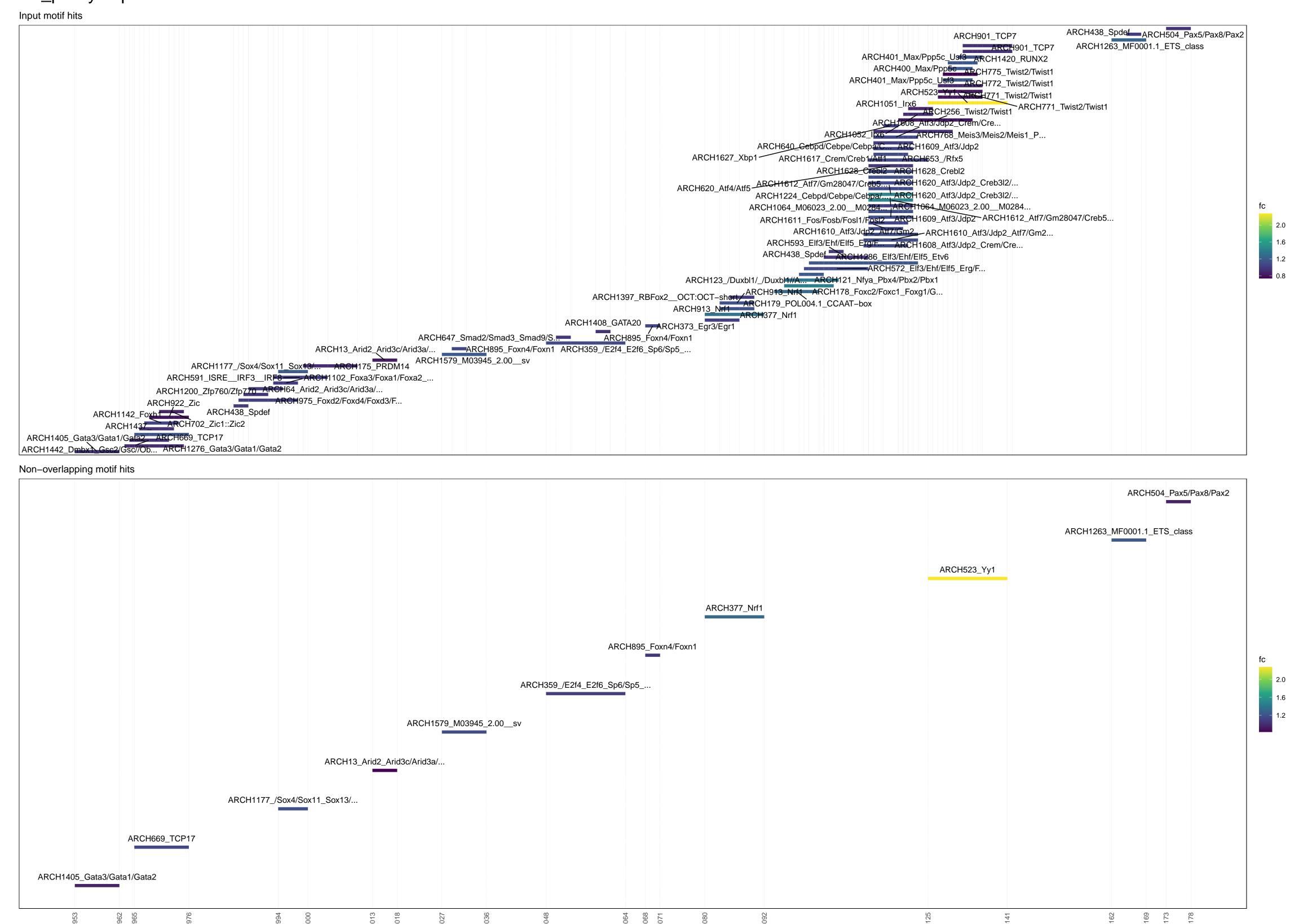


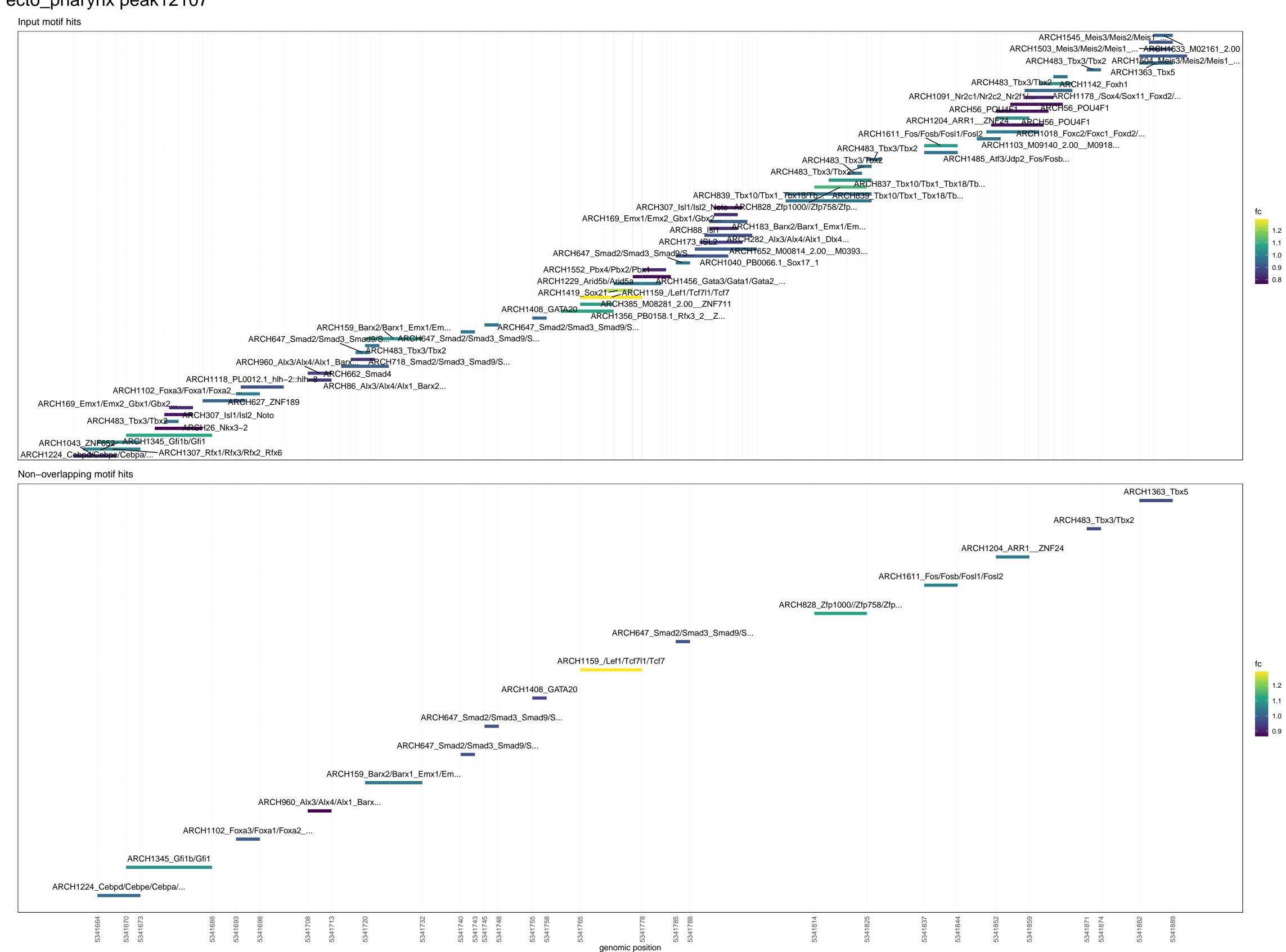


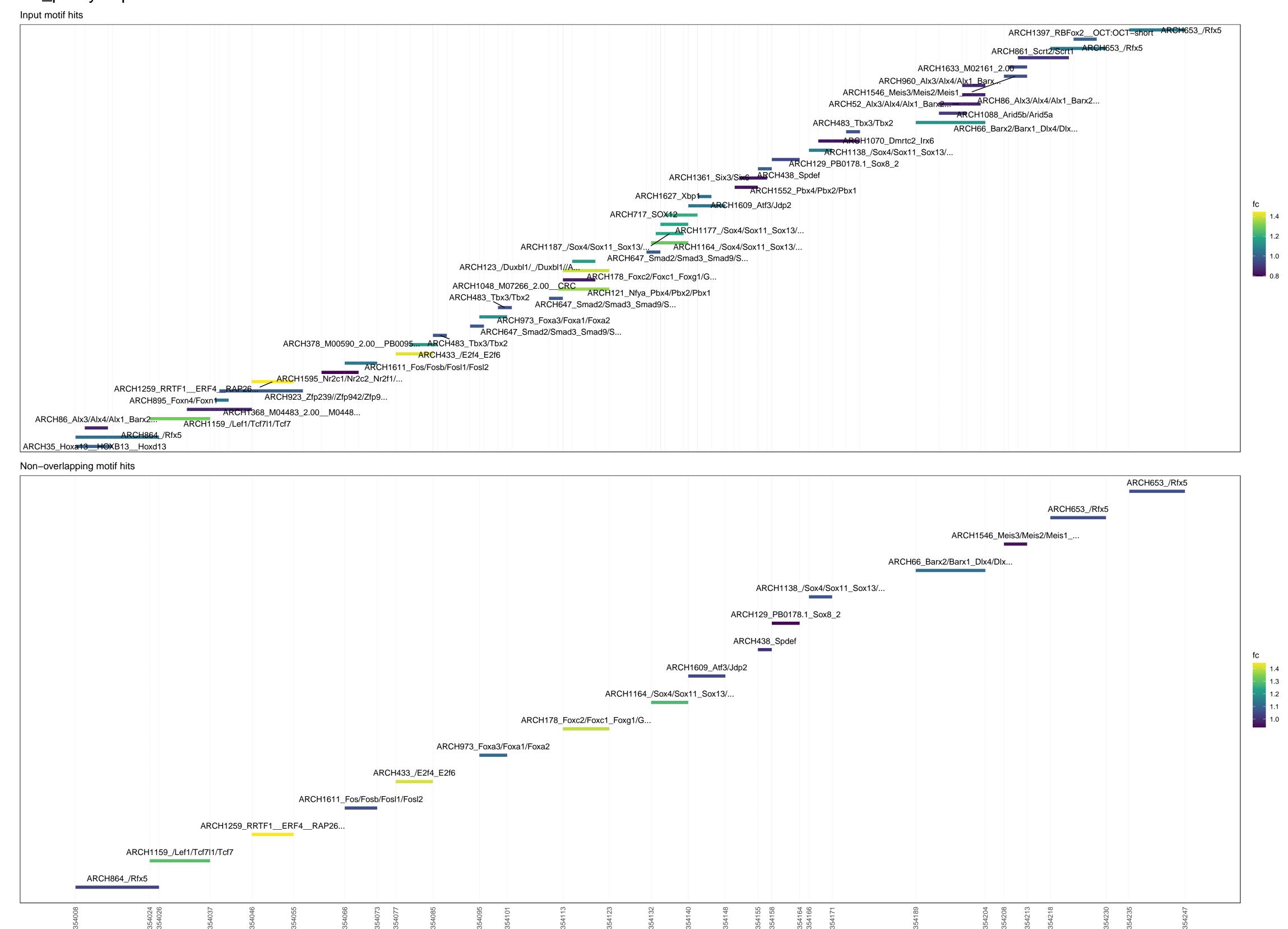


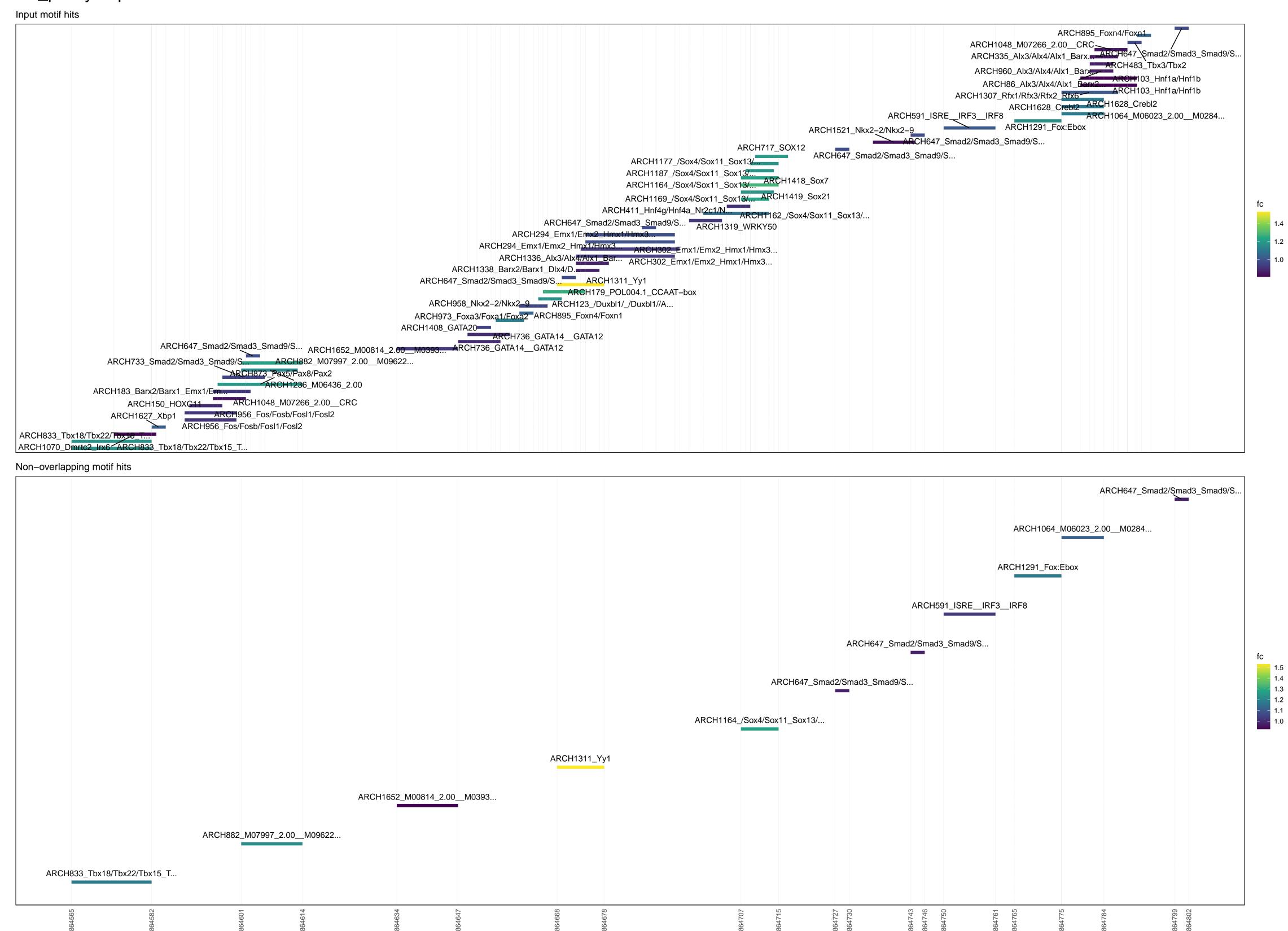


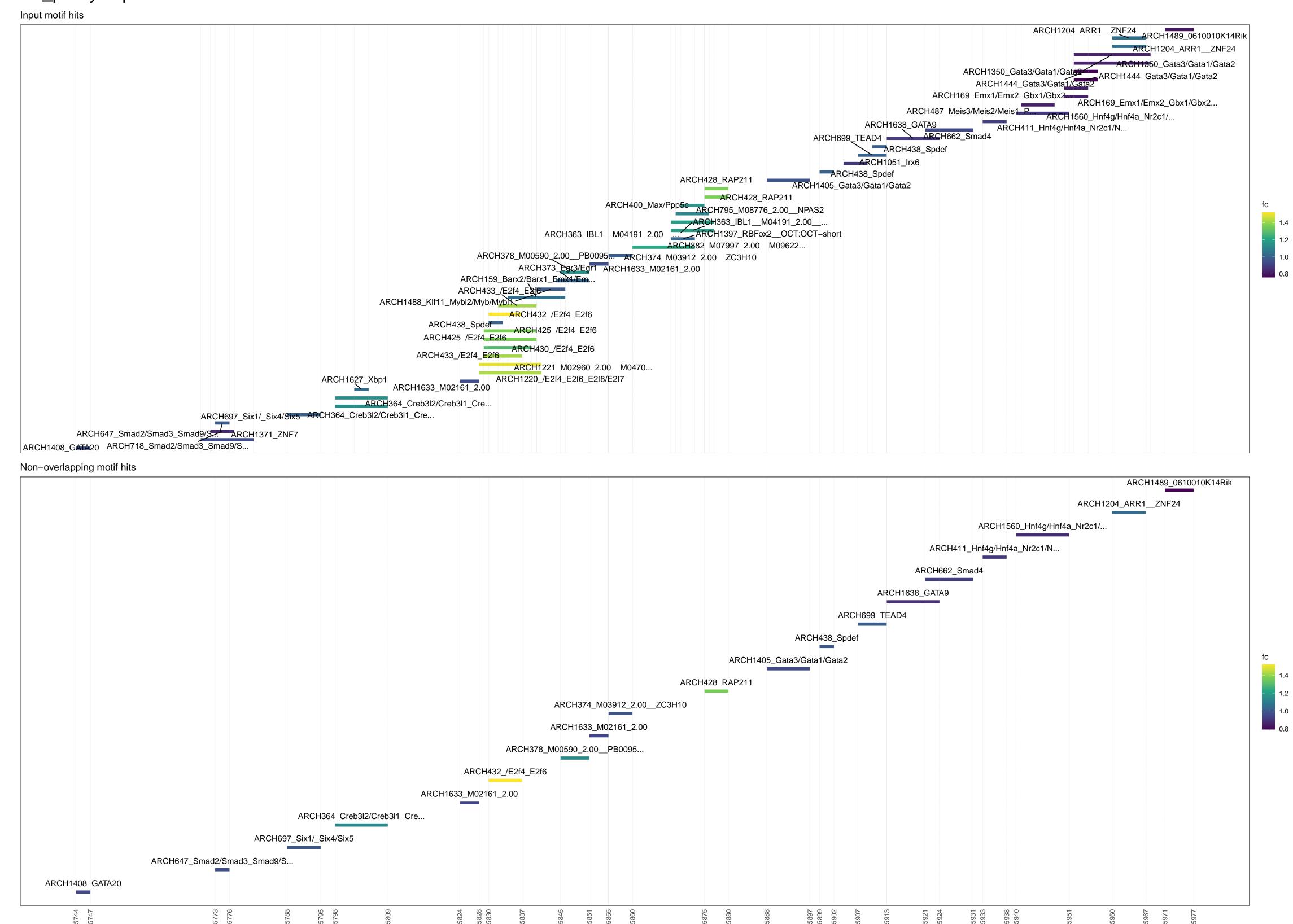
1.3

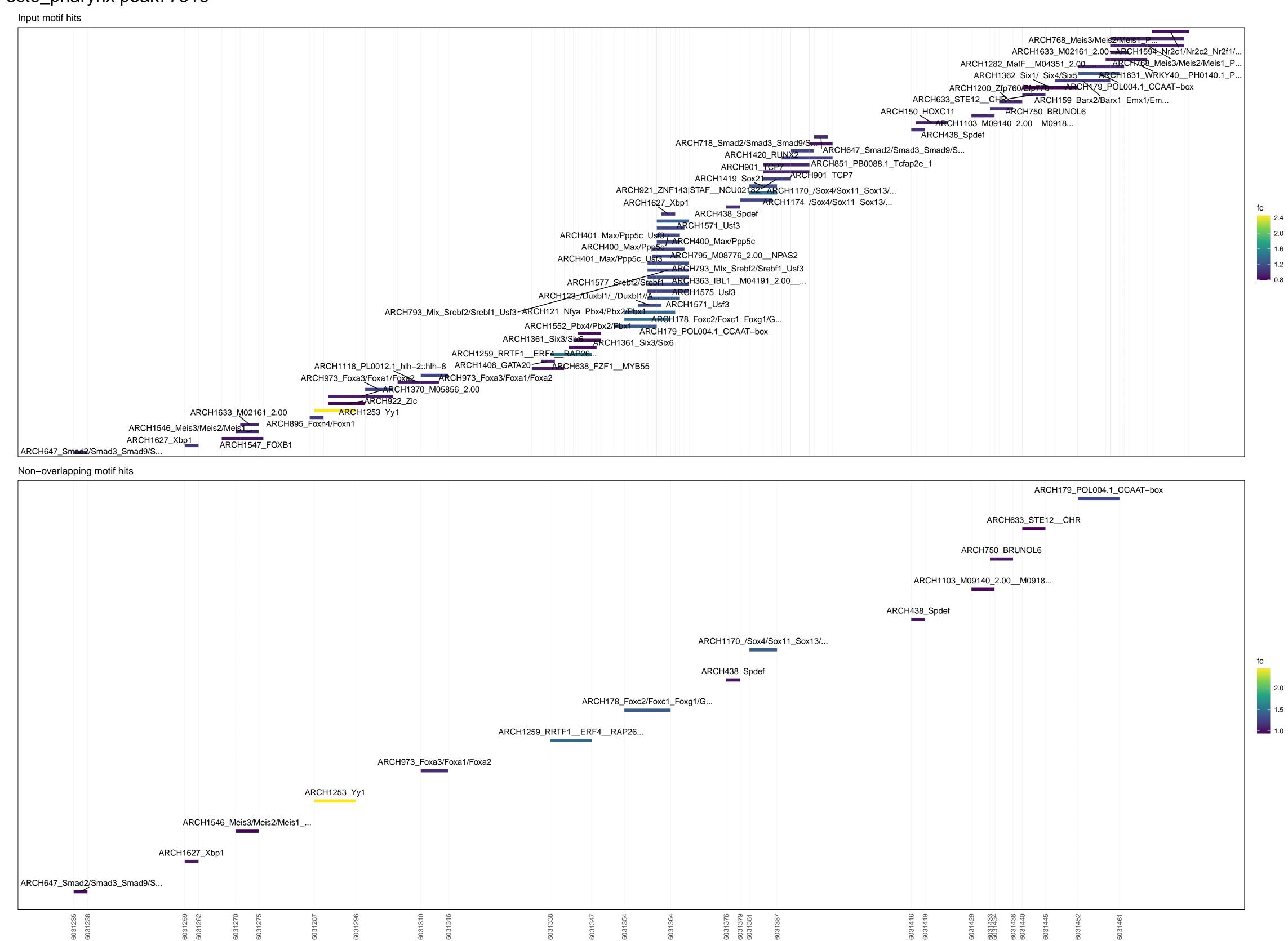


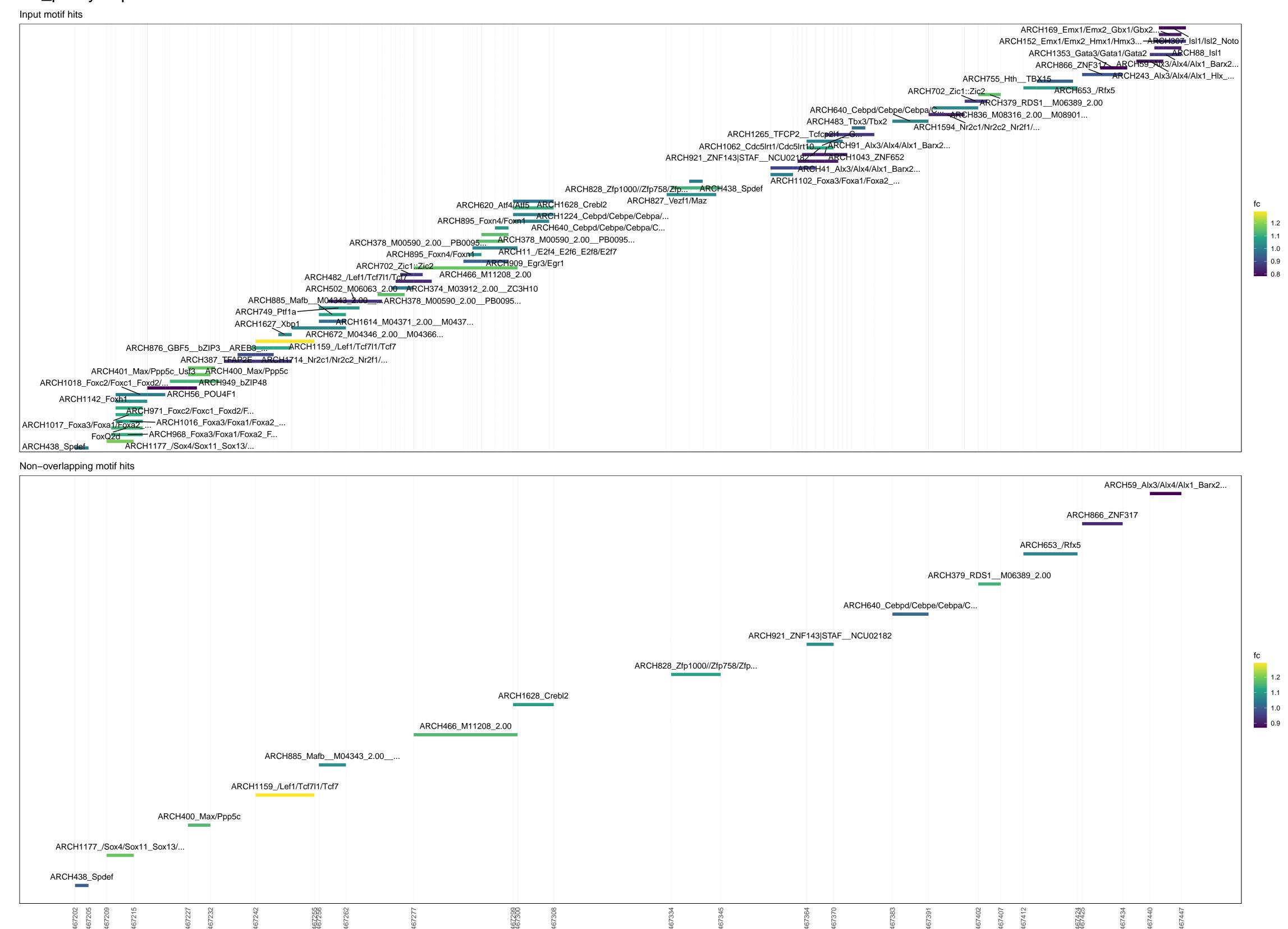


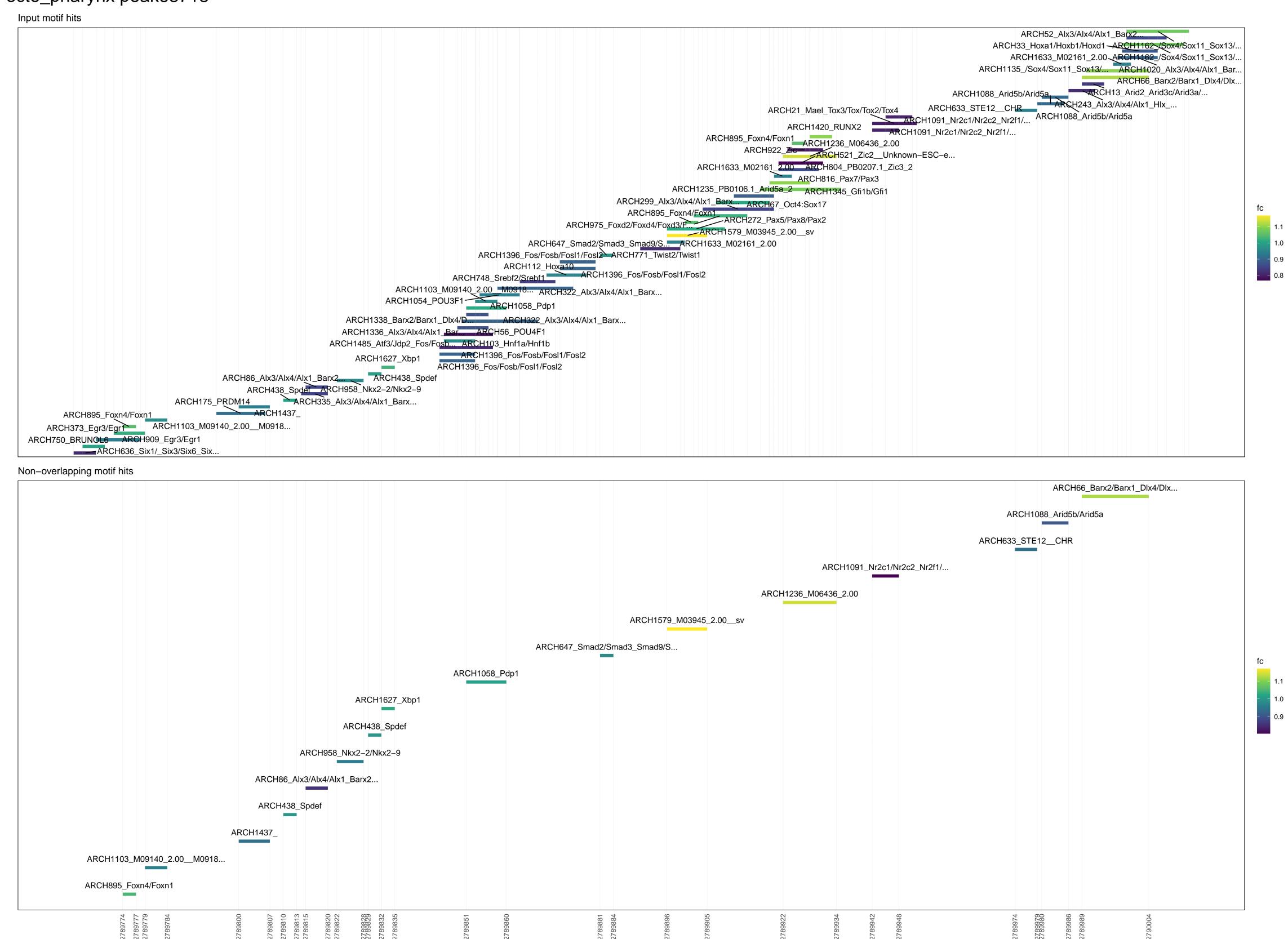


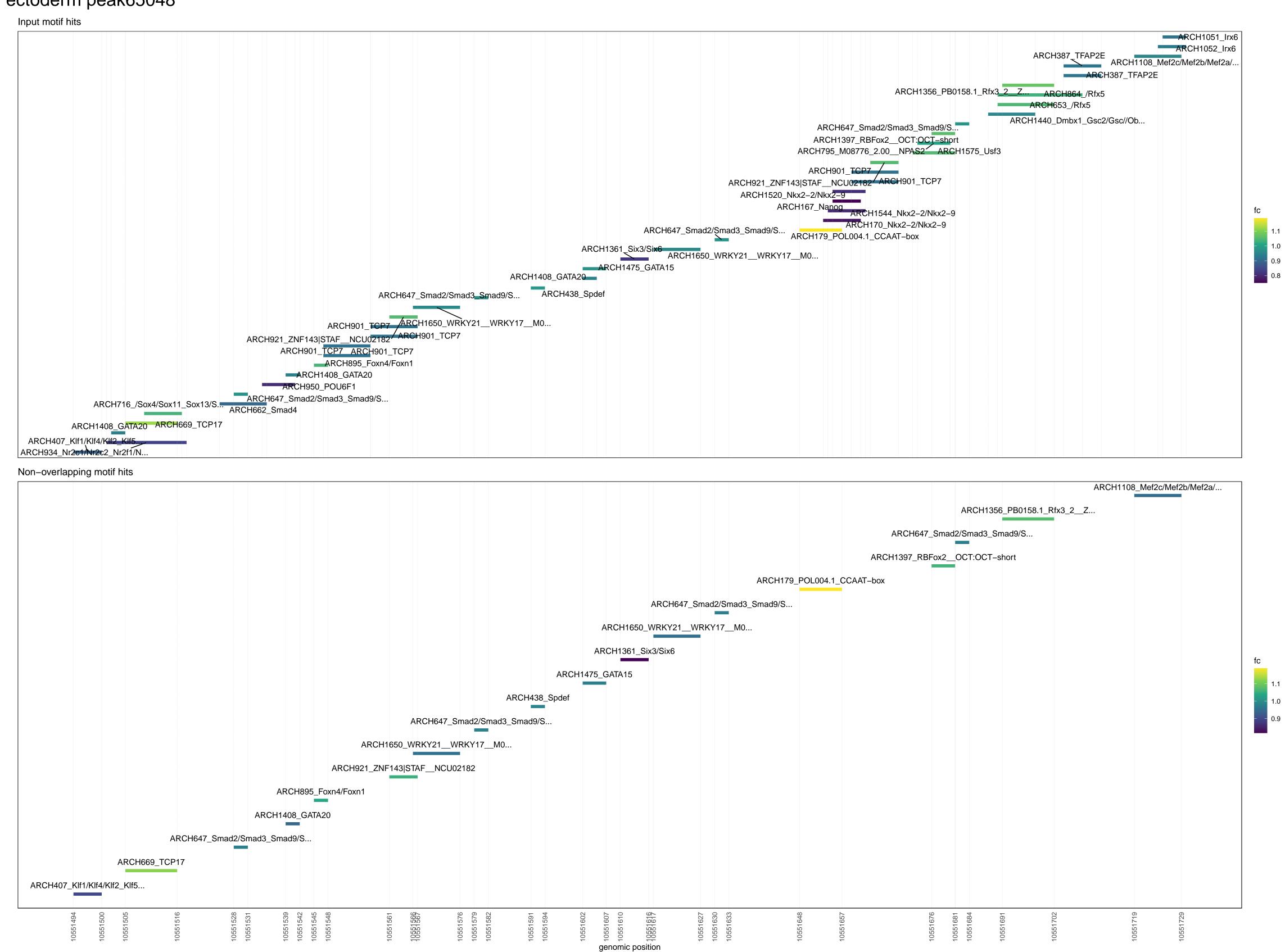


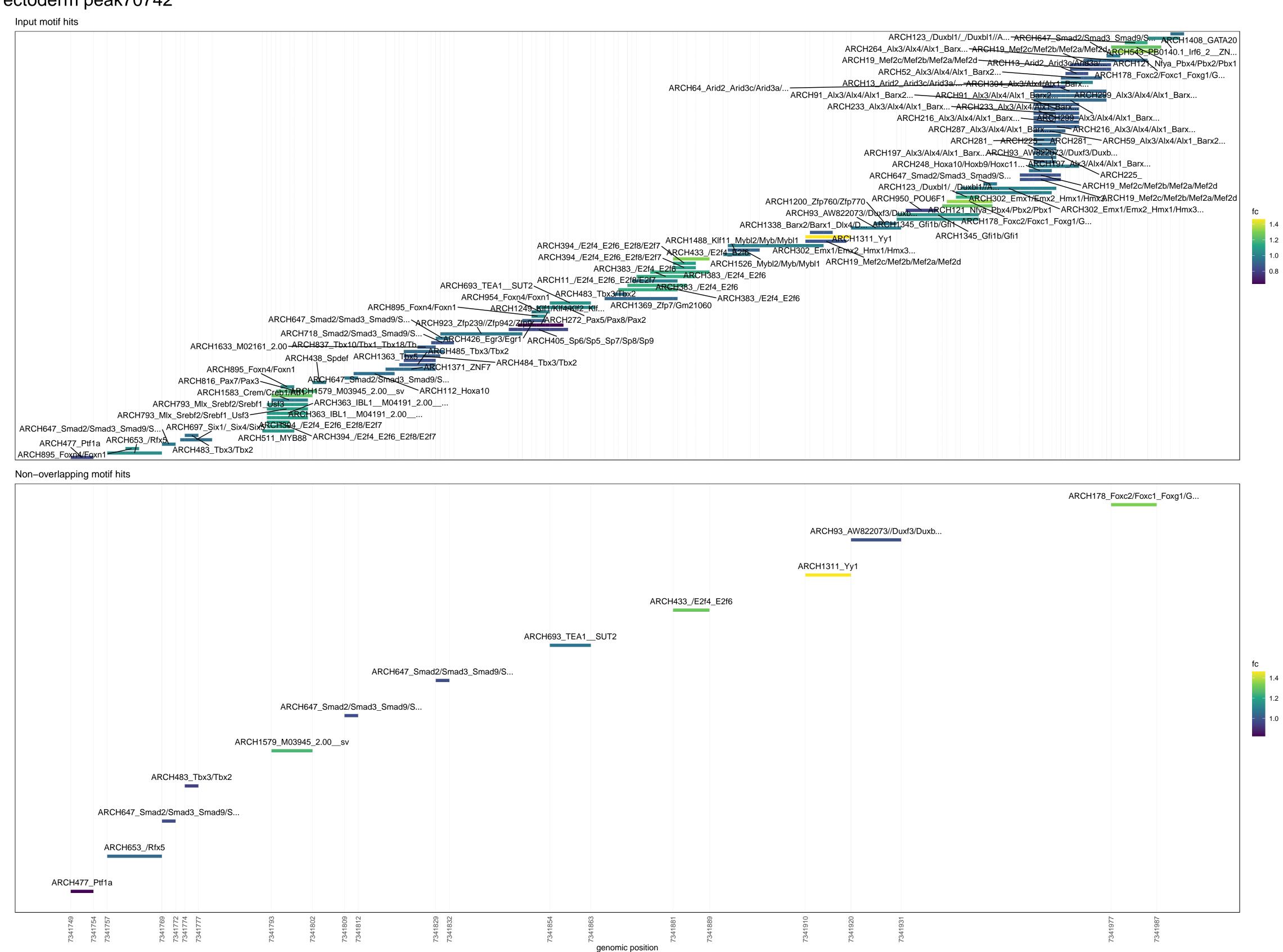


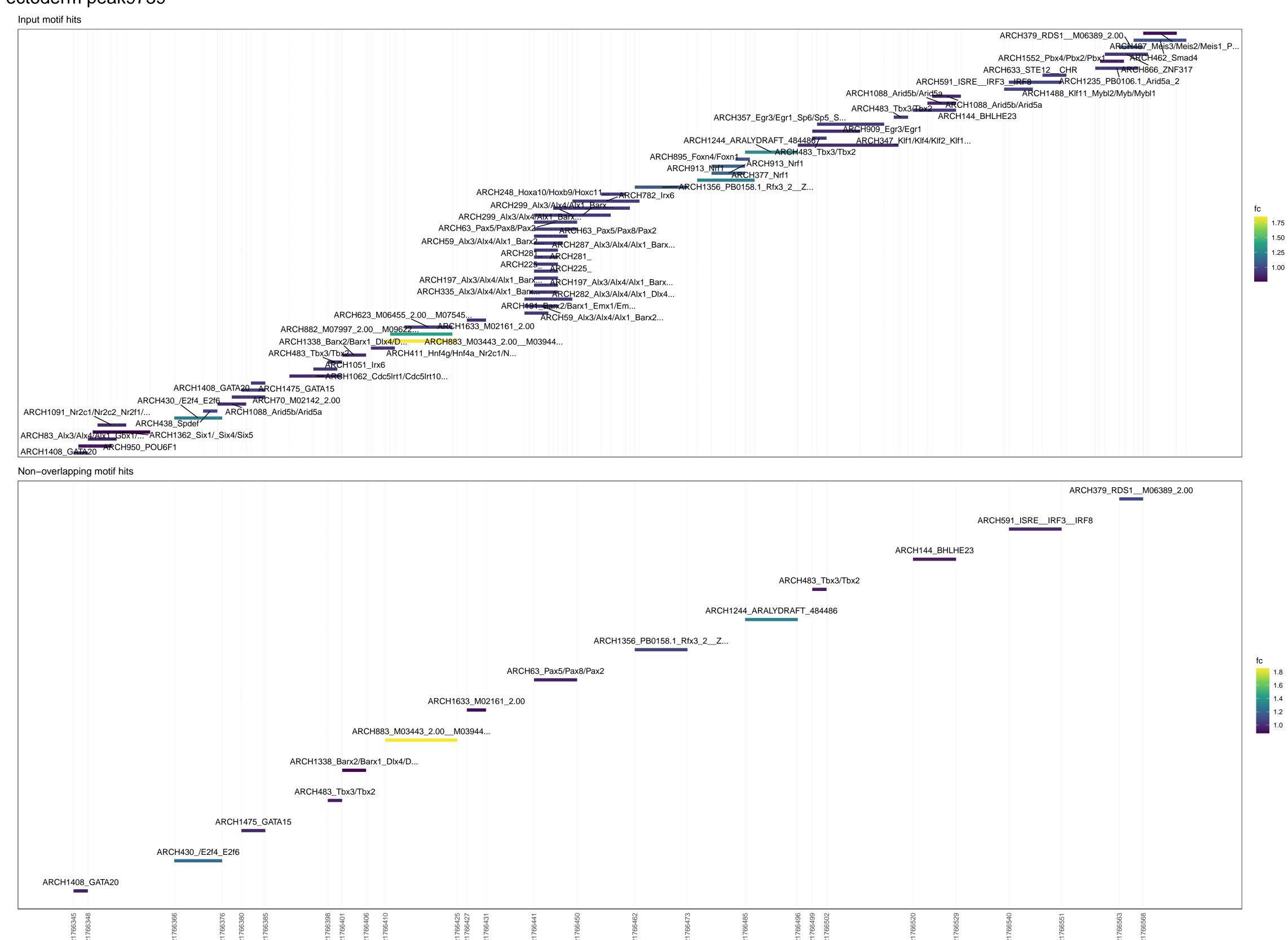


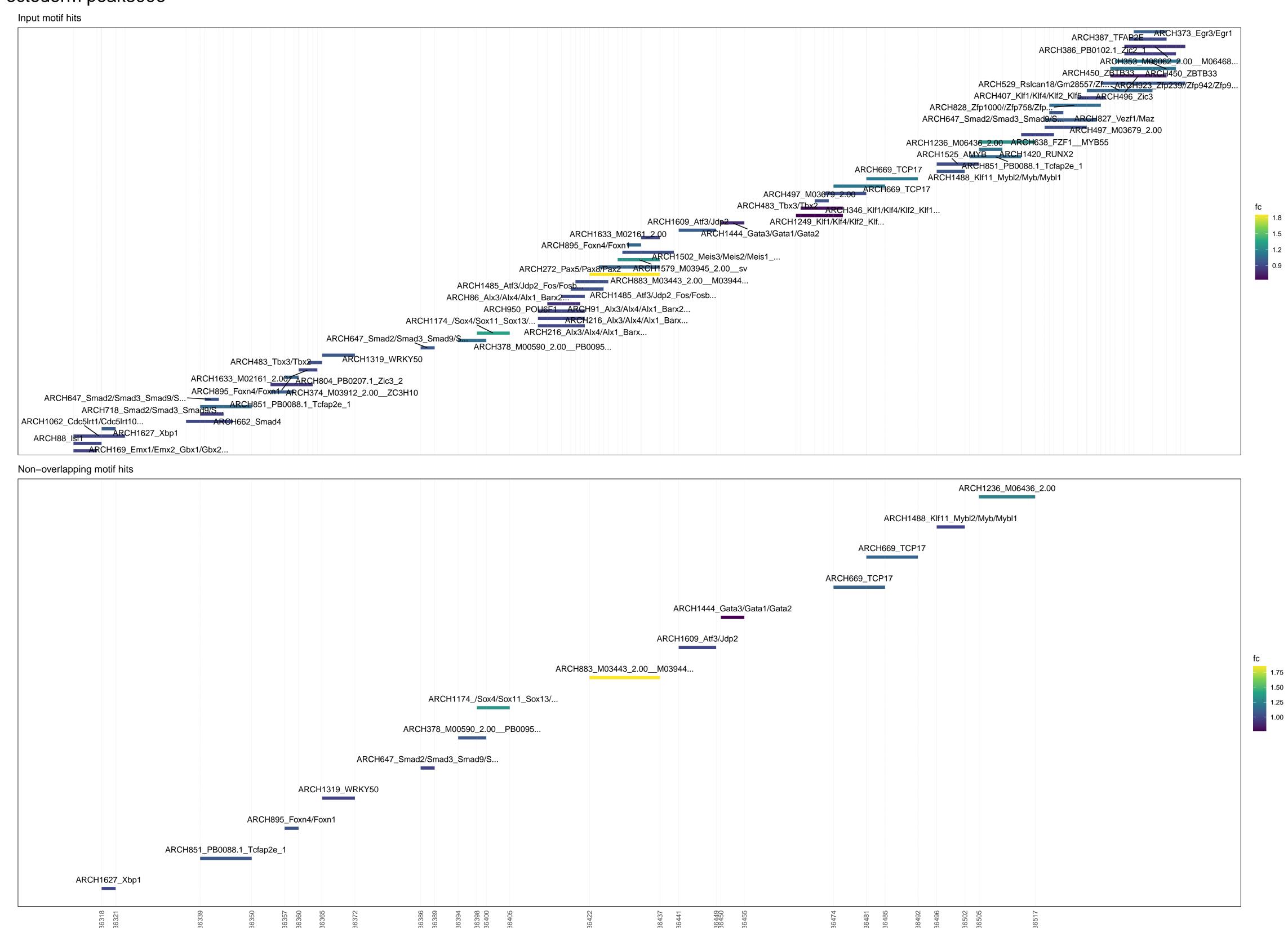


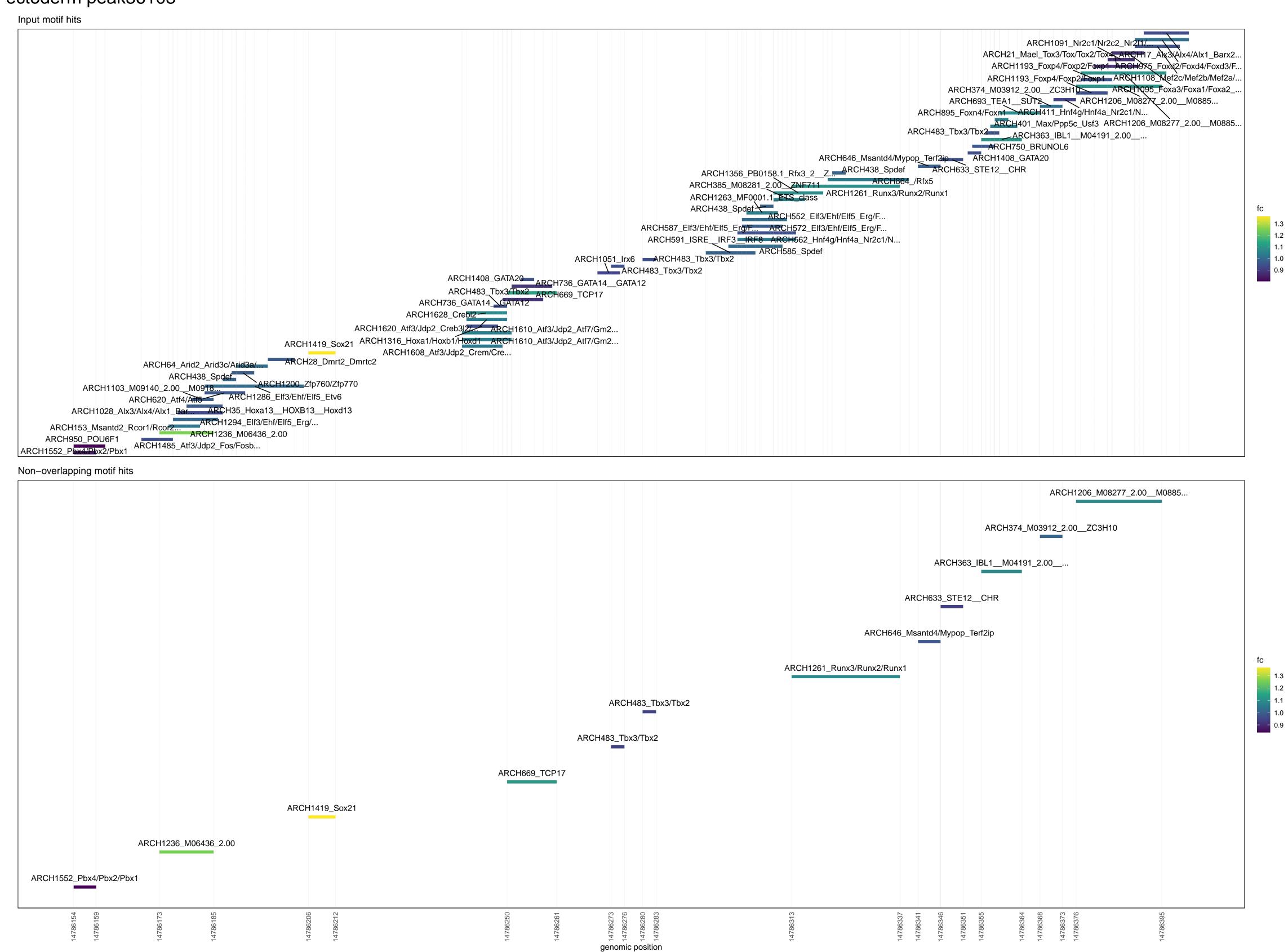




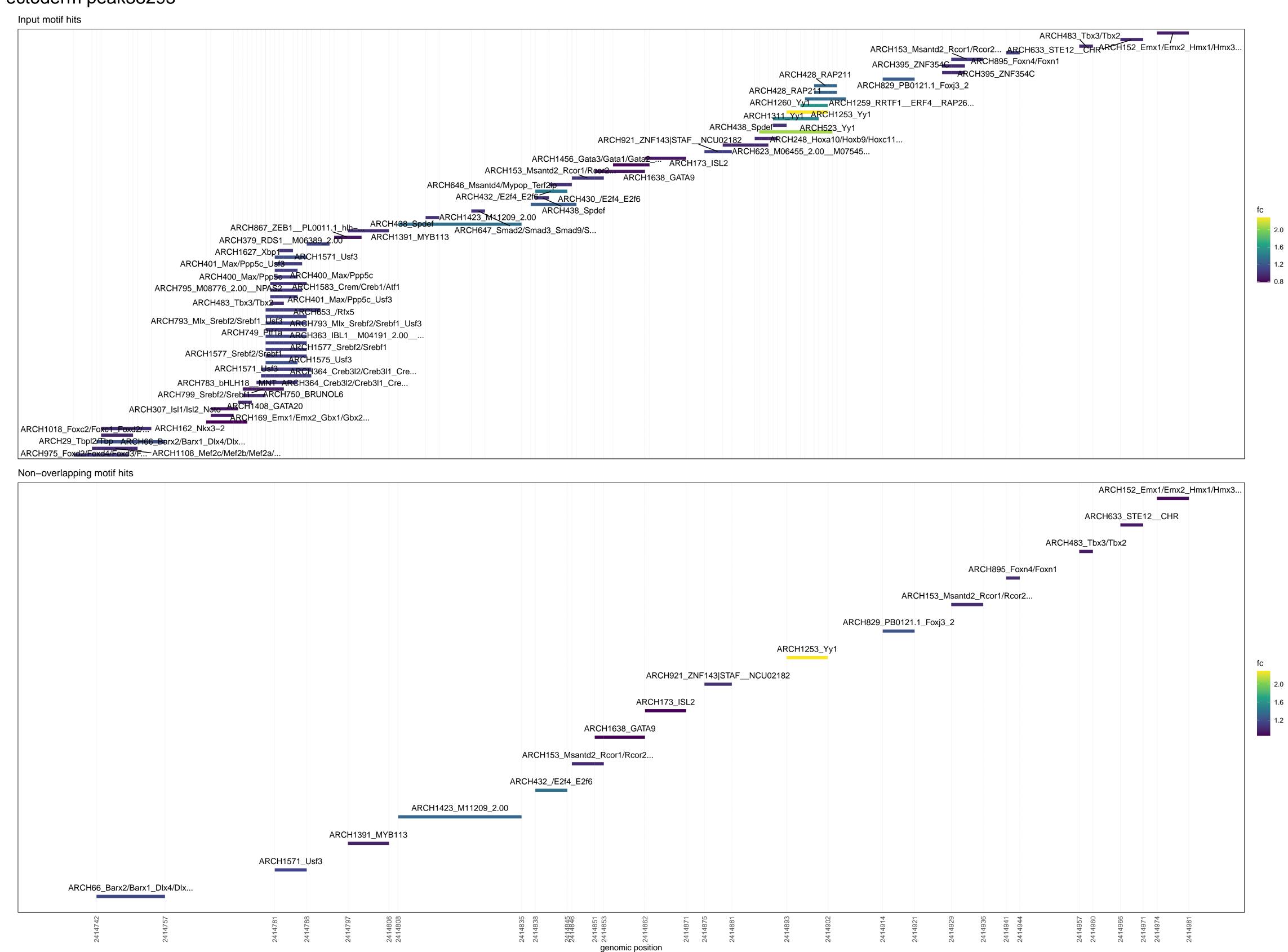


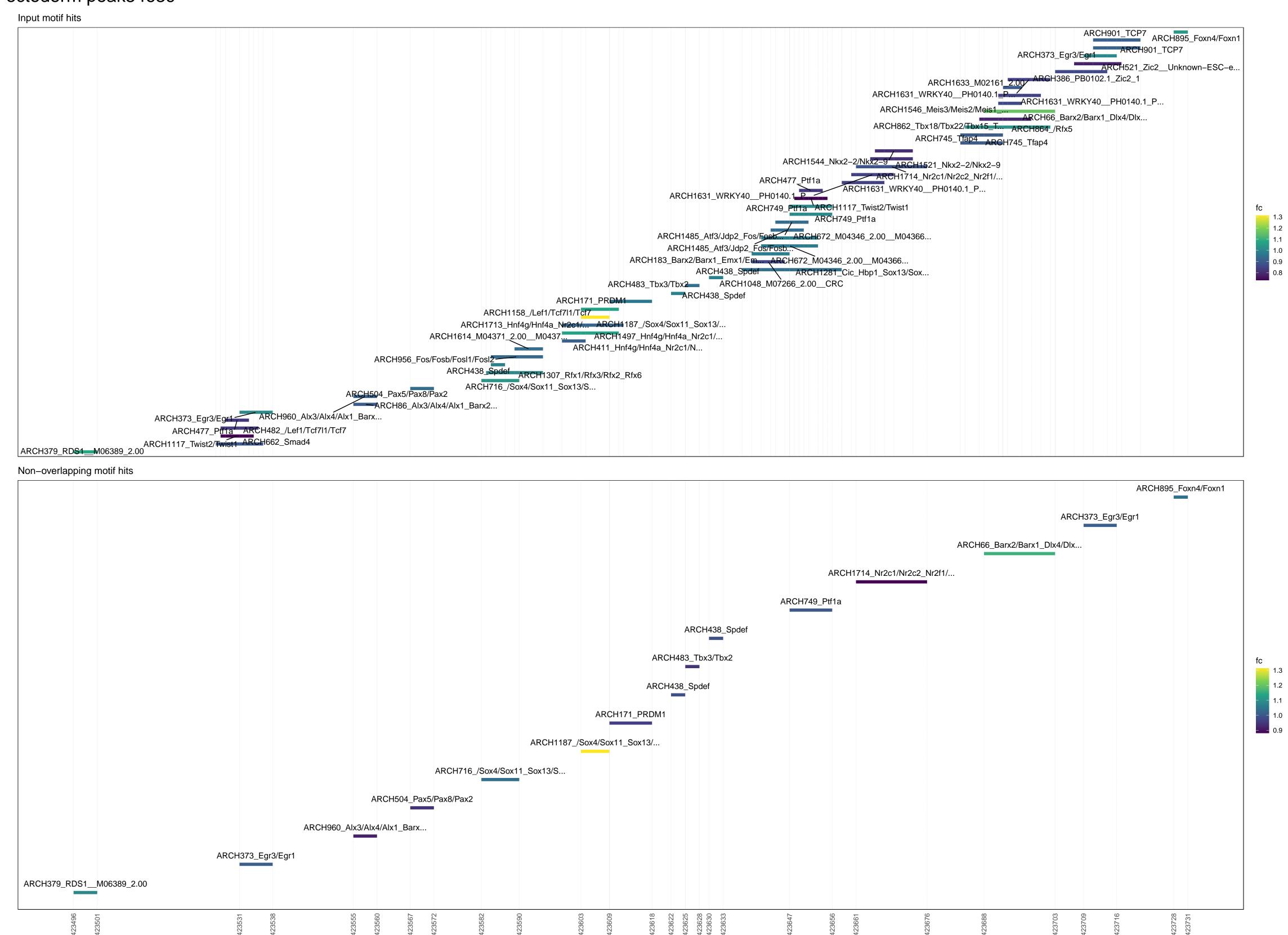


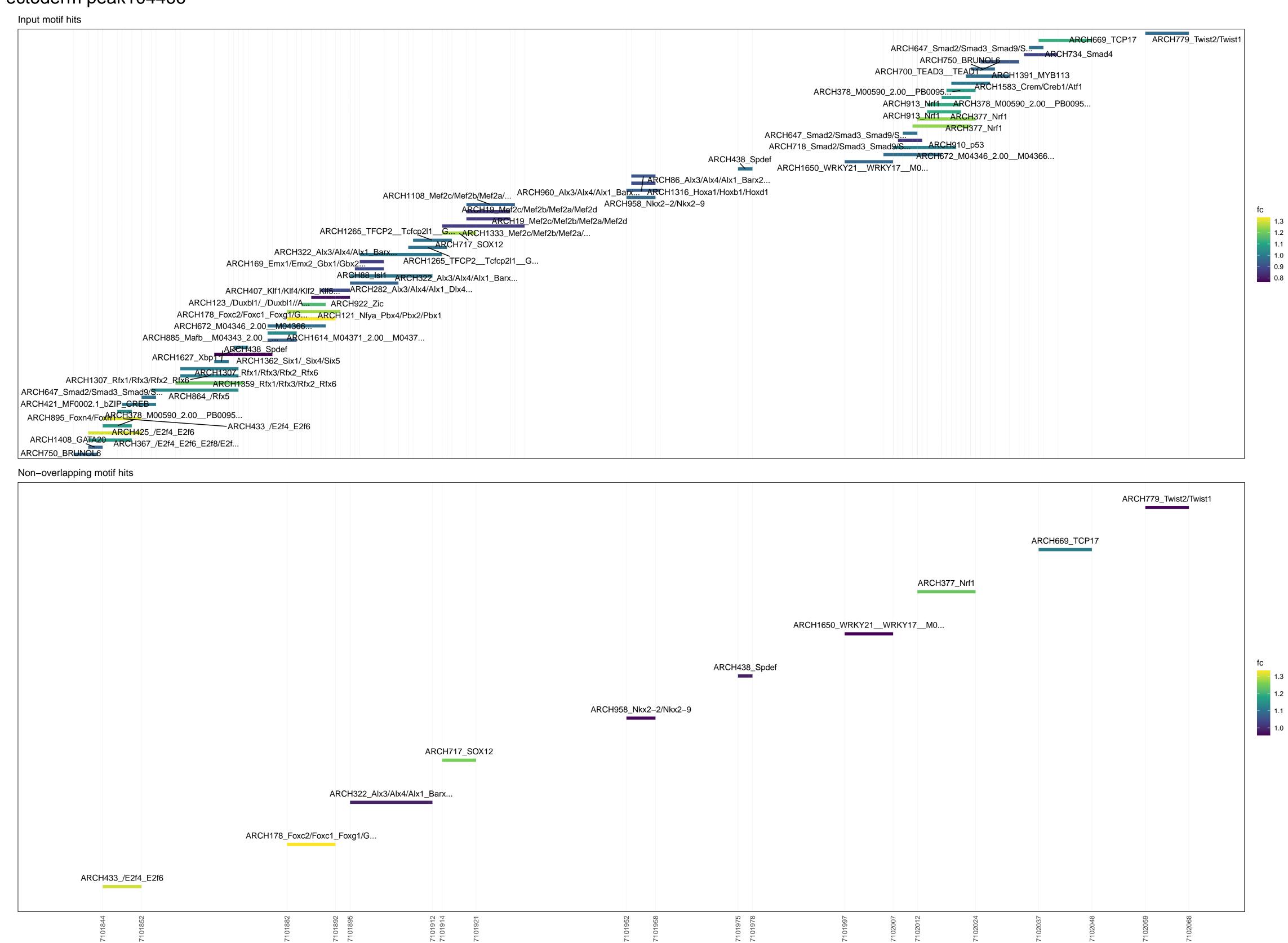


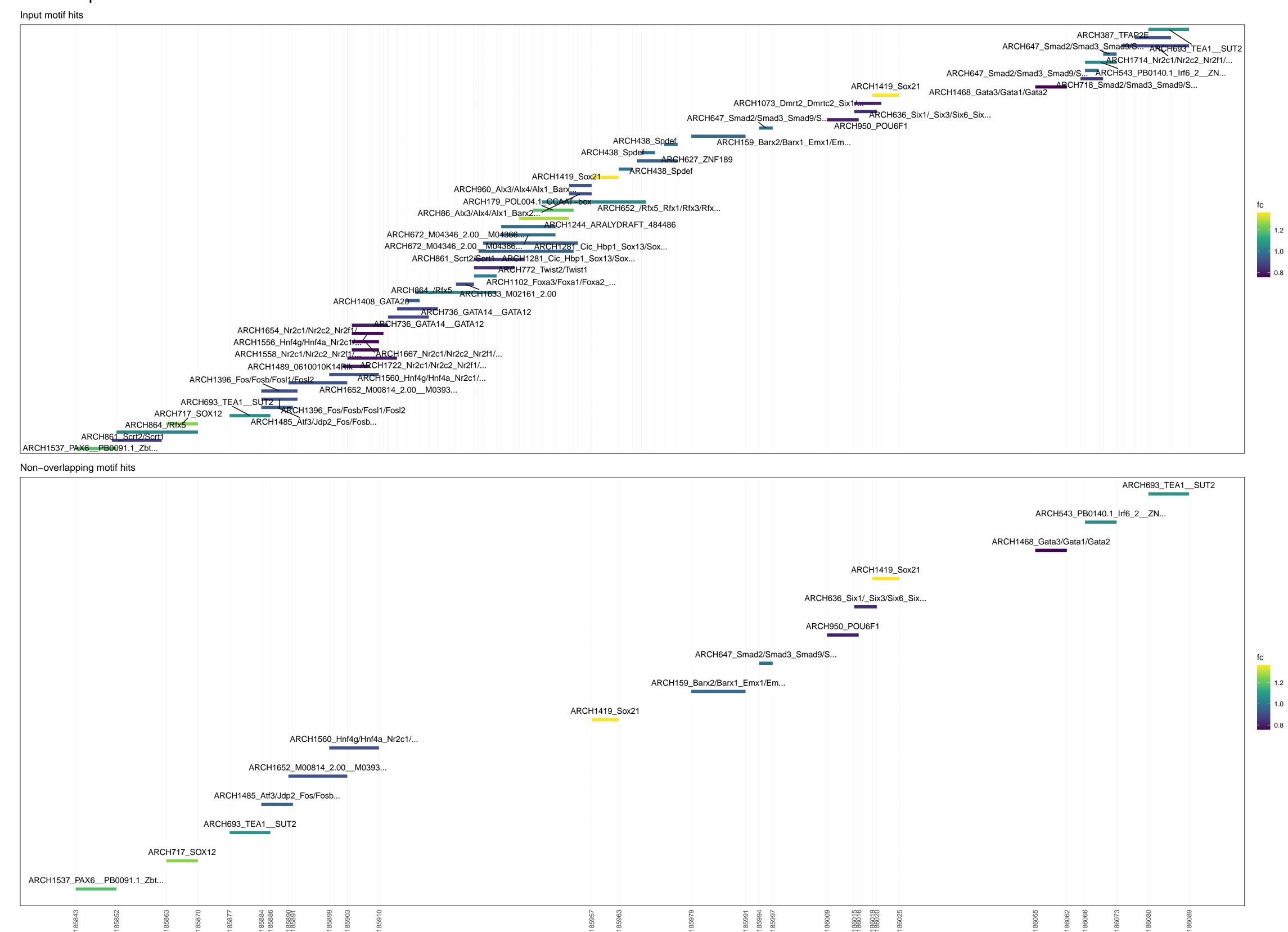


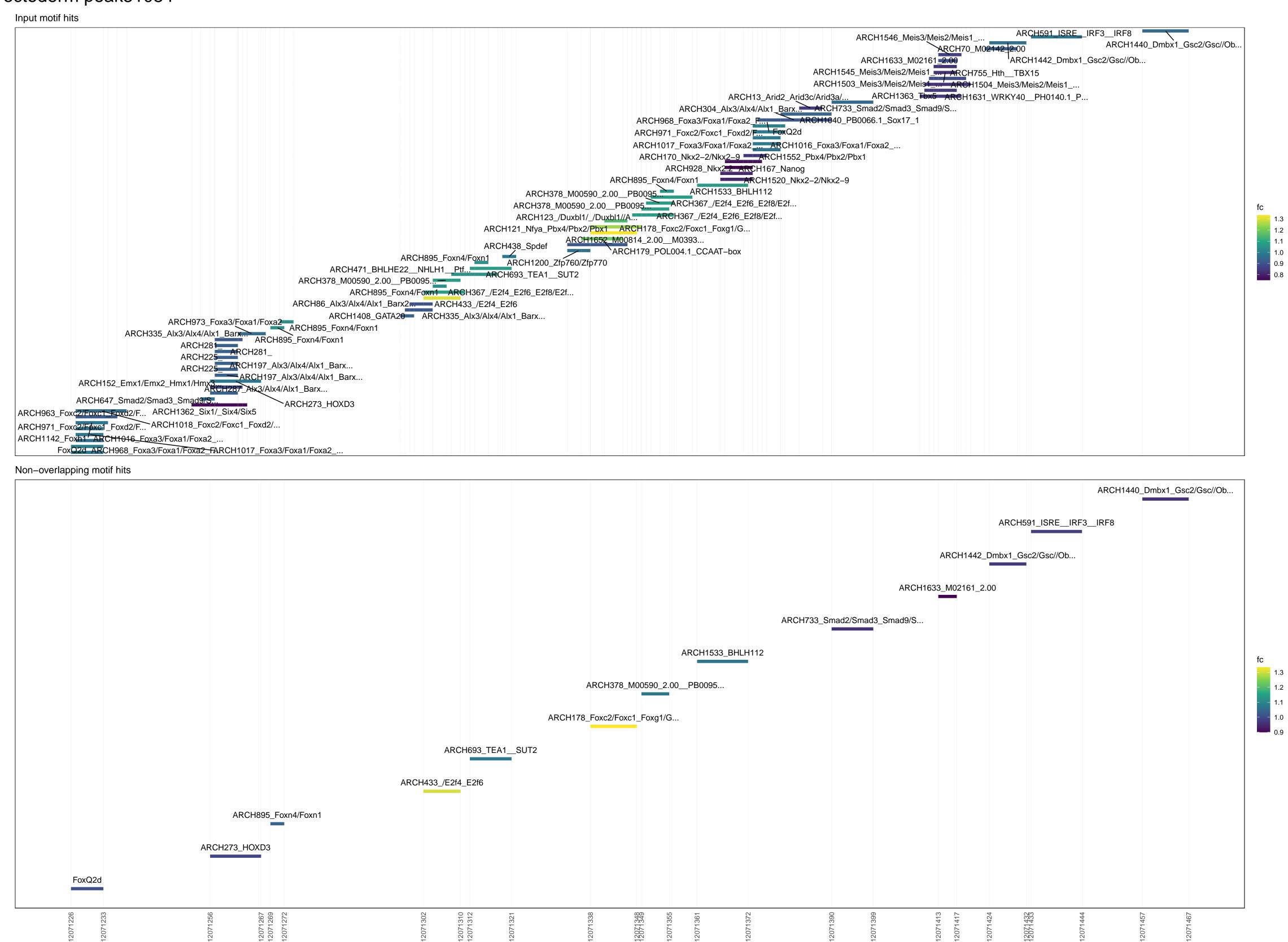
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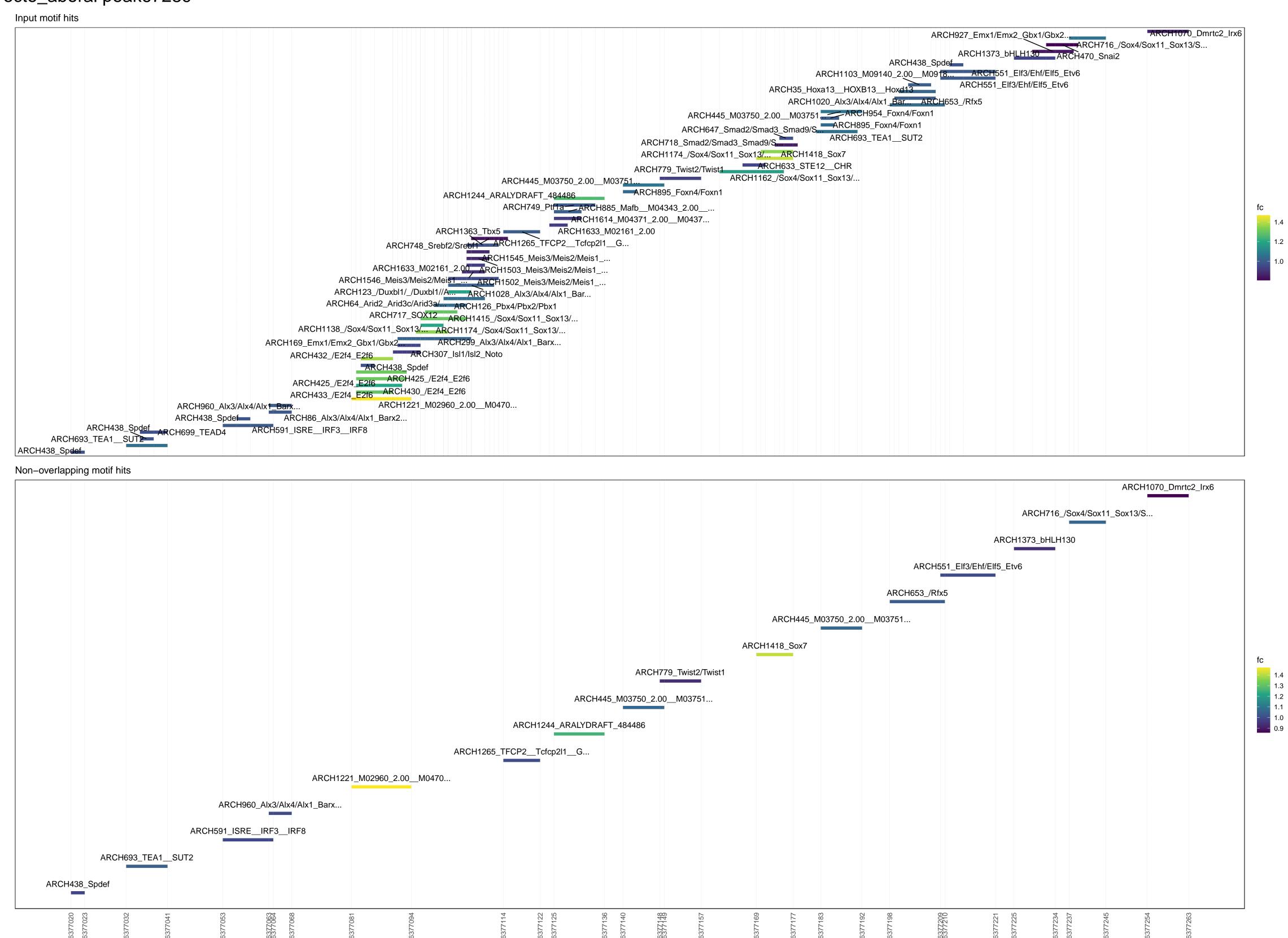


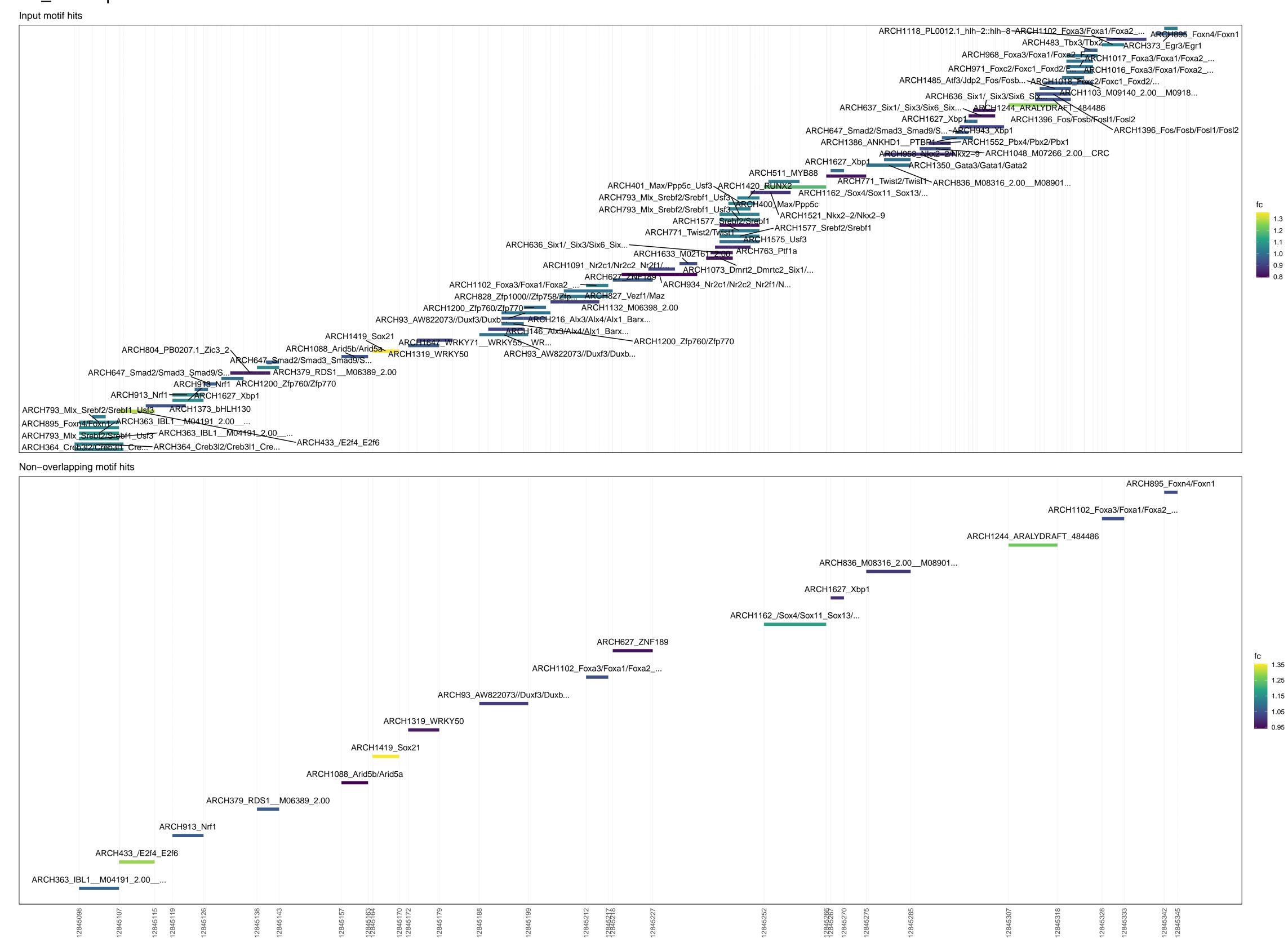


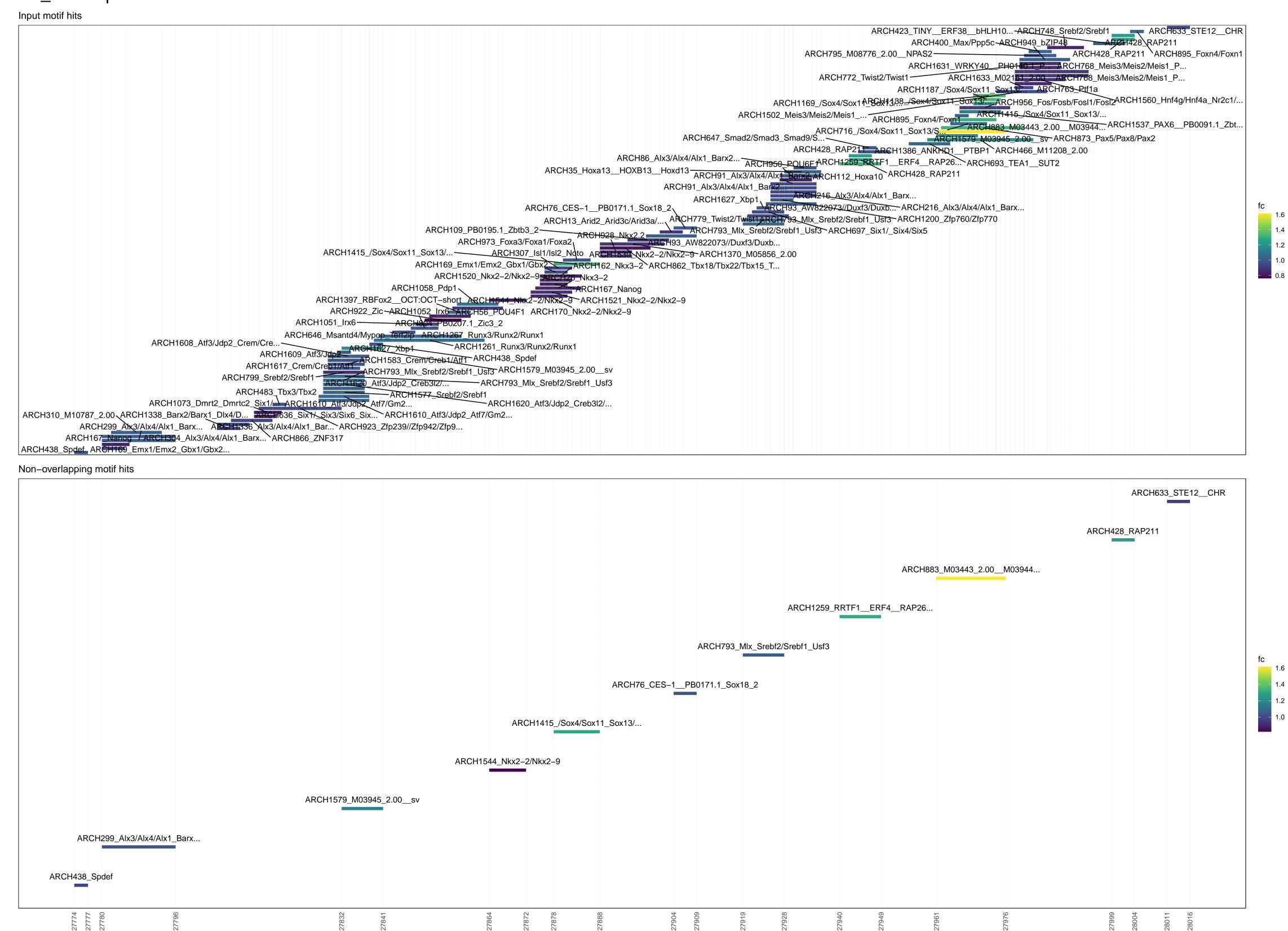


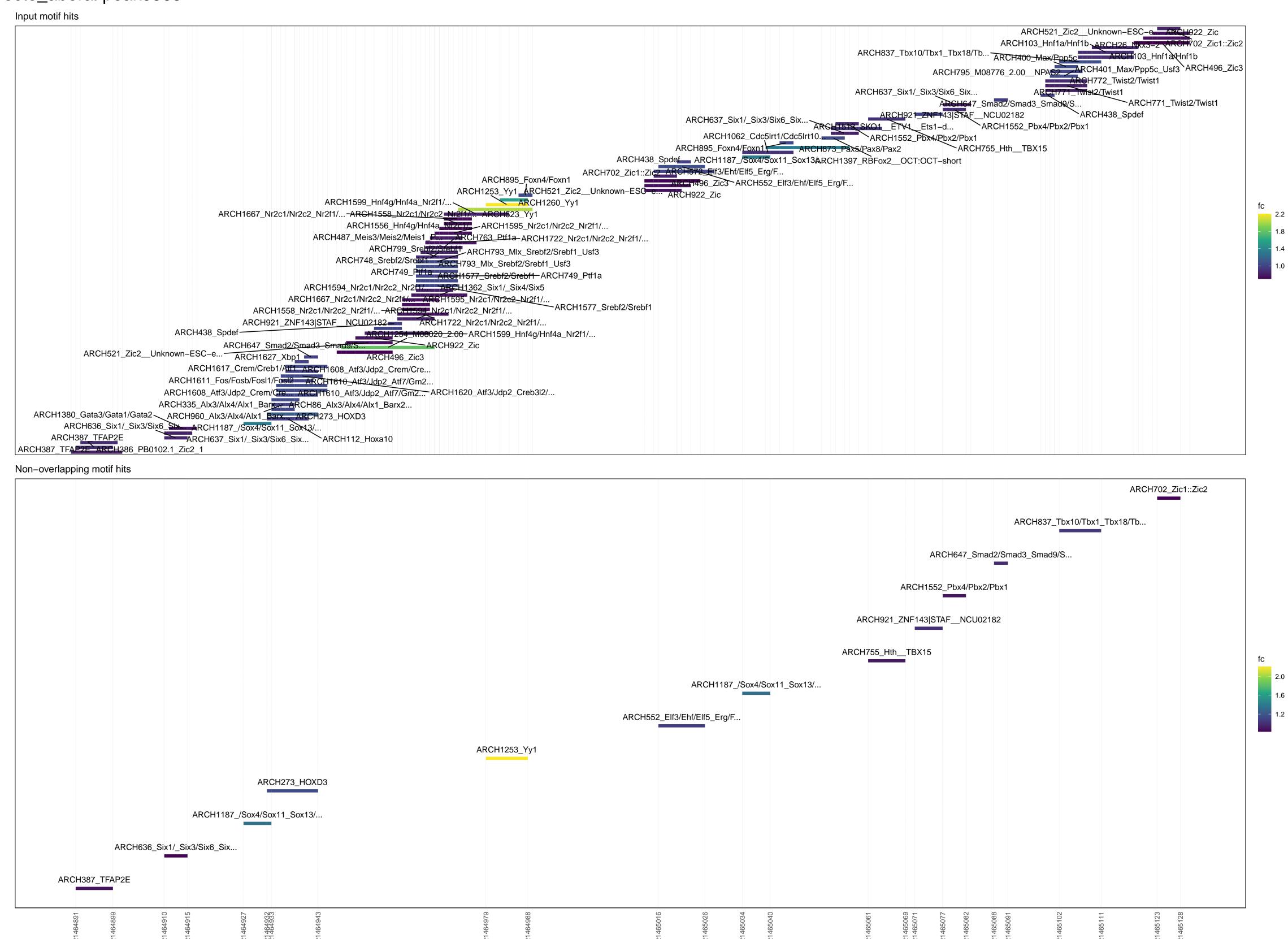




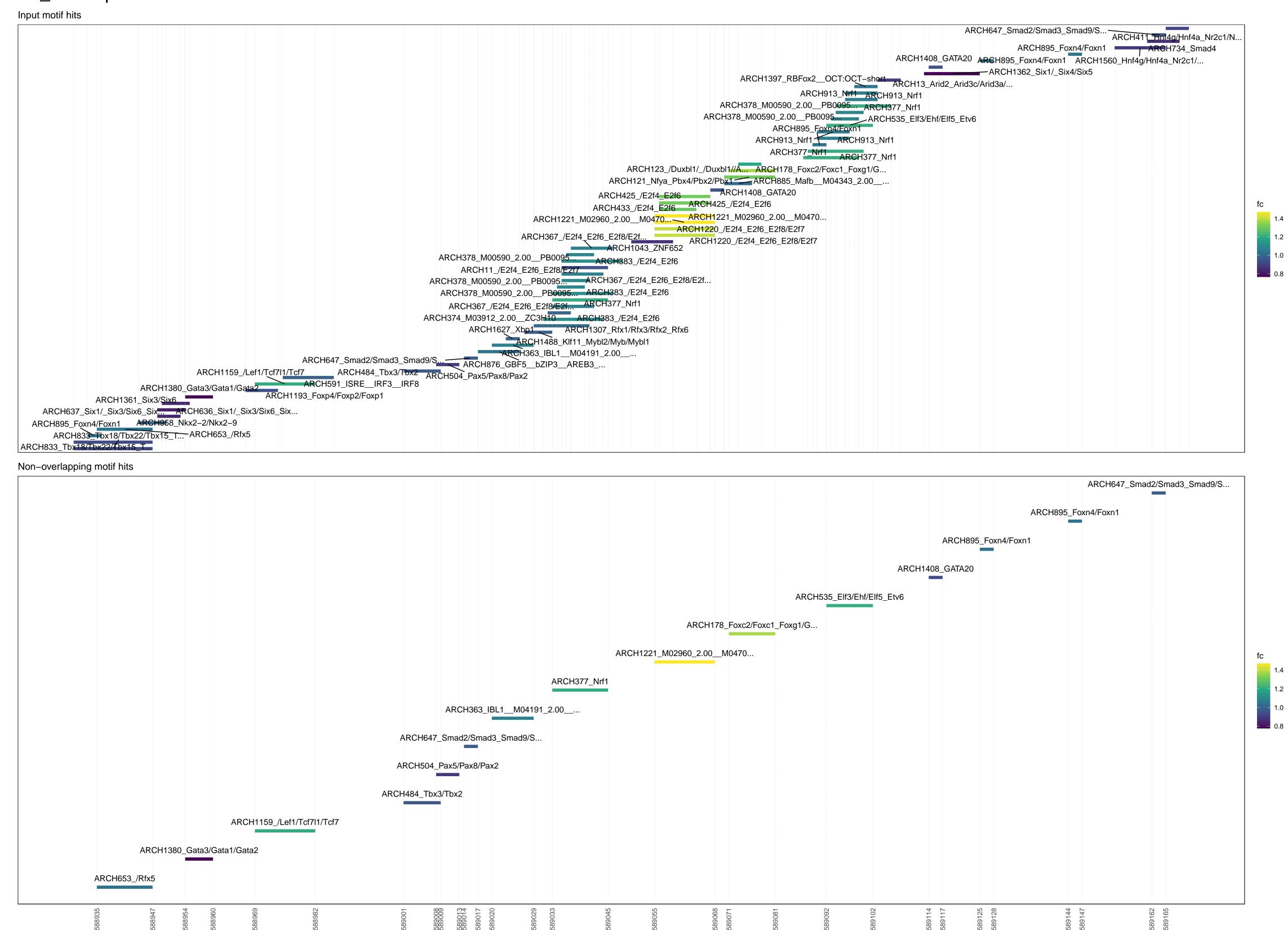


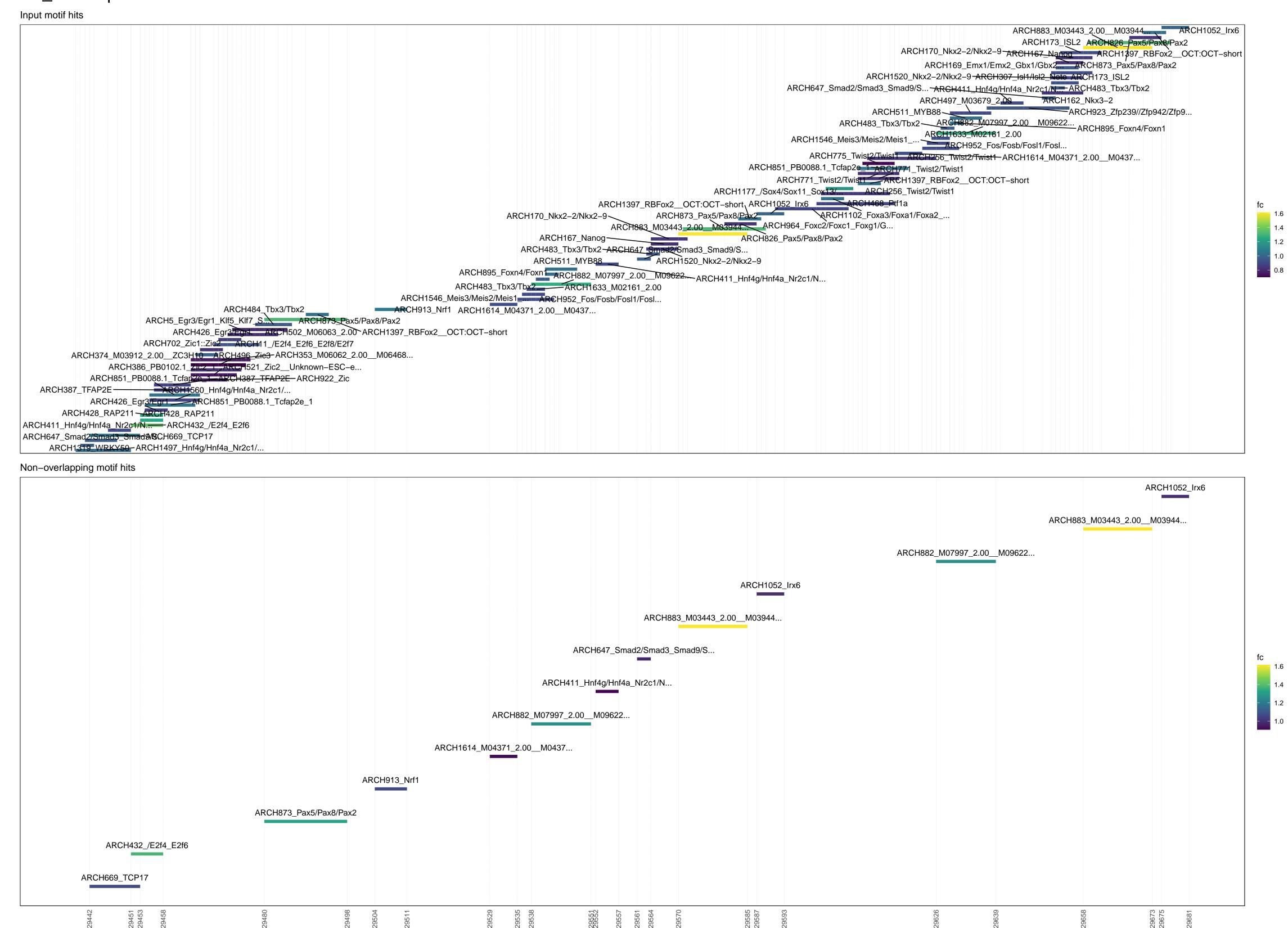


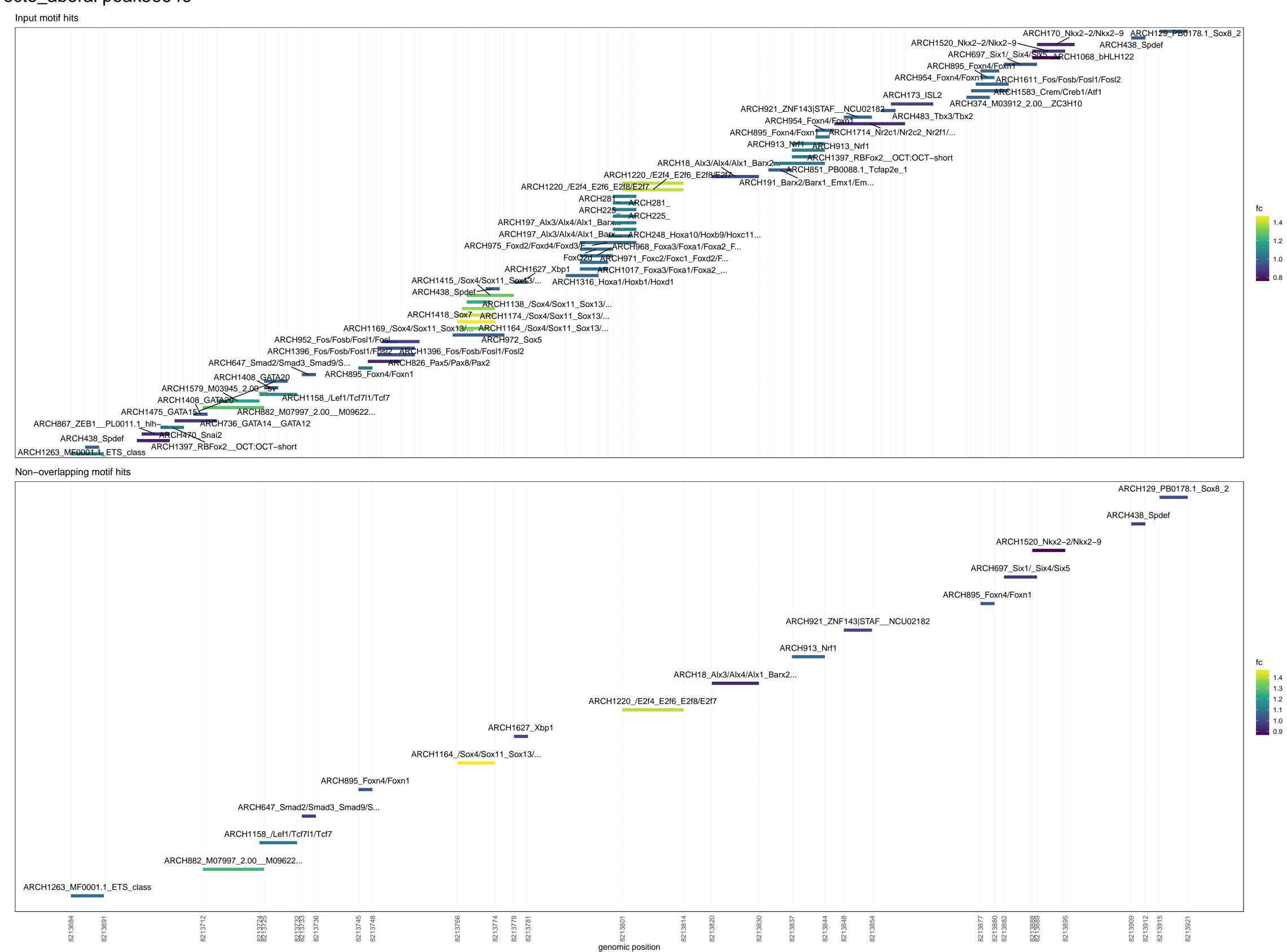


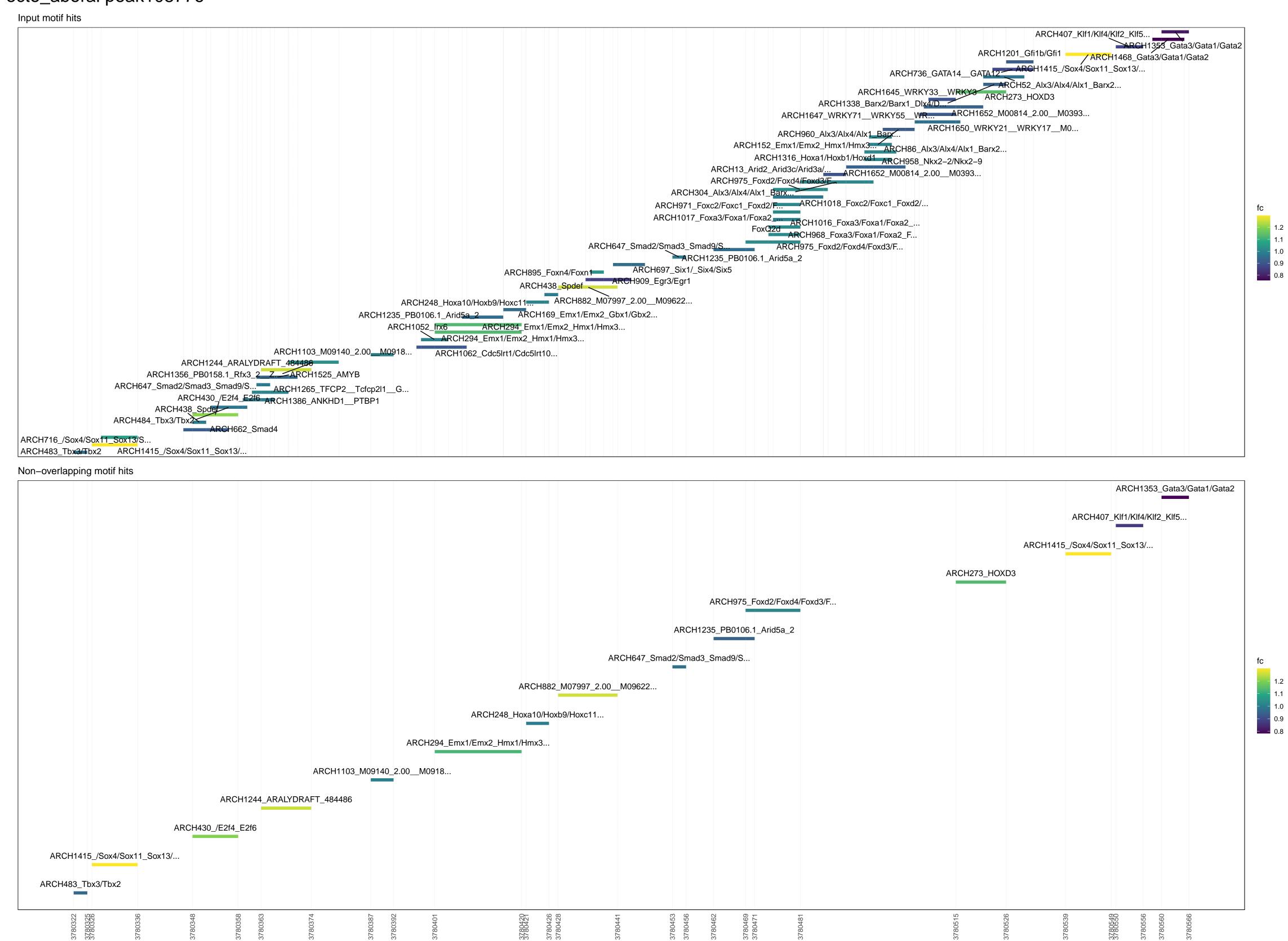


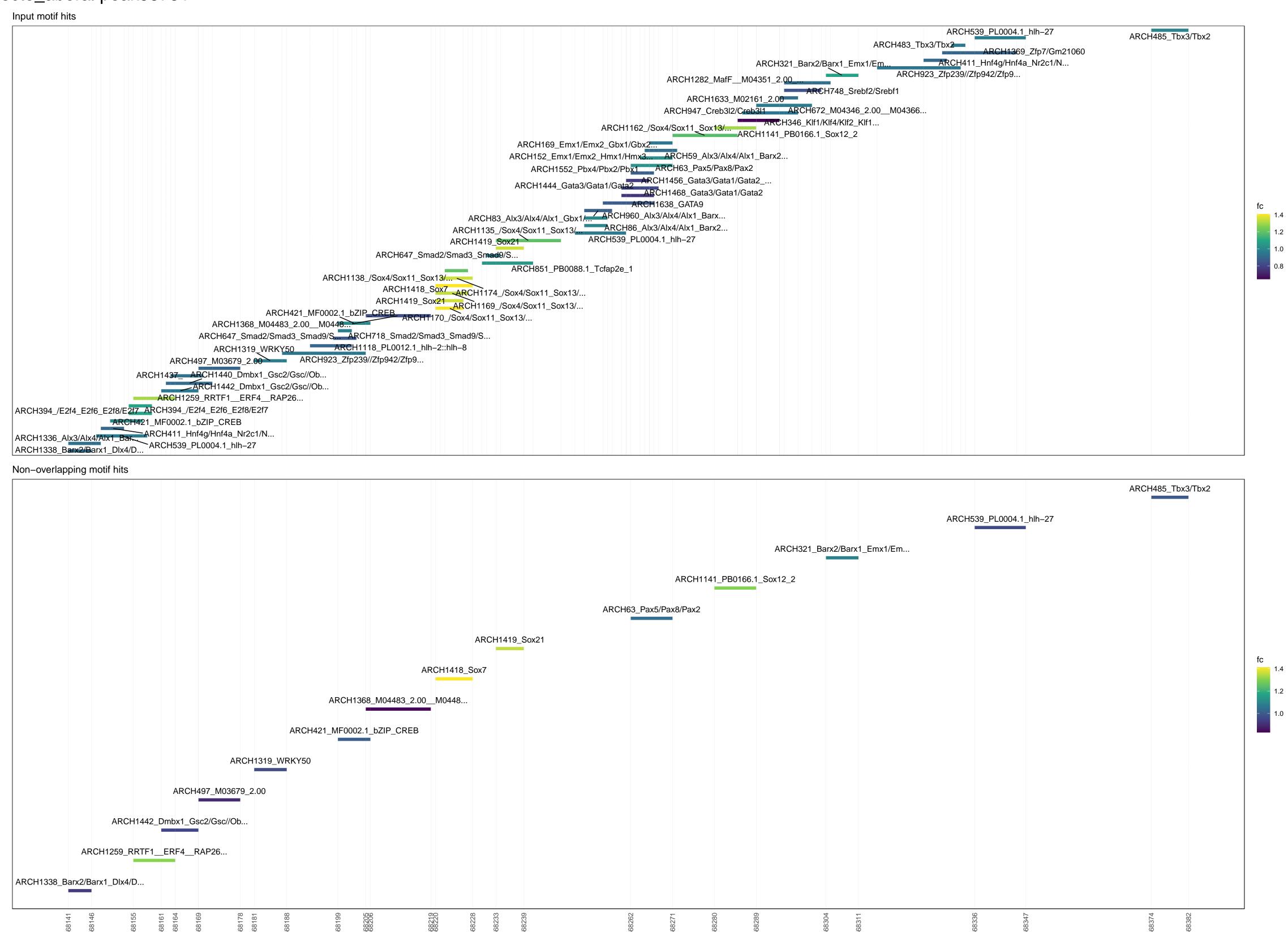
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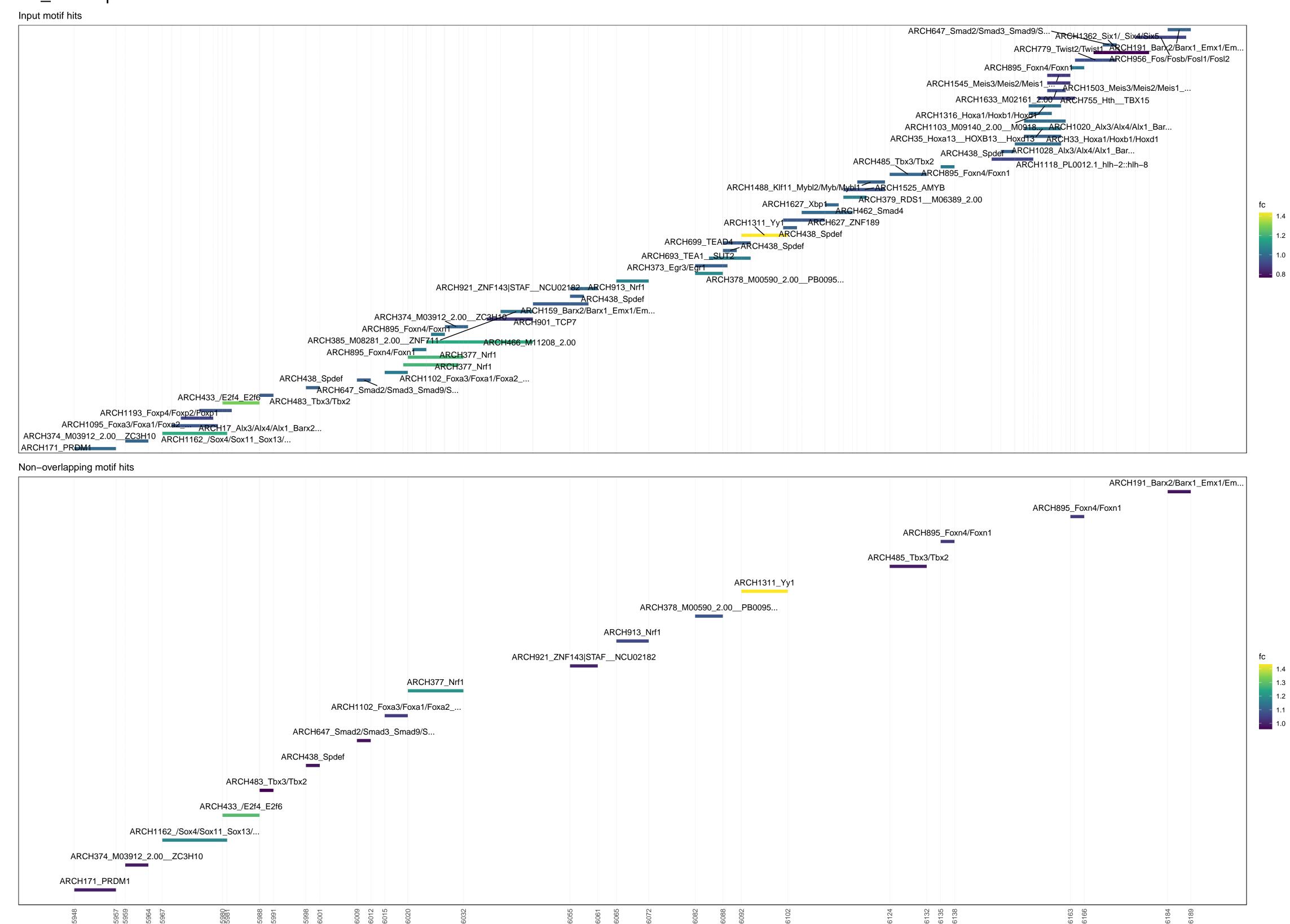


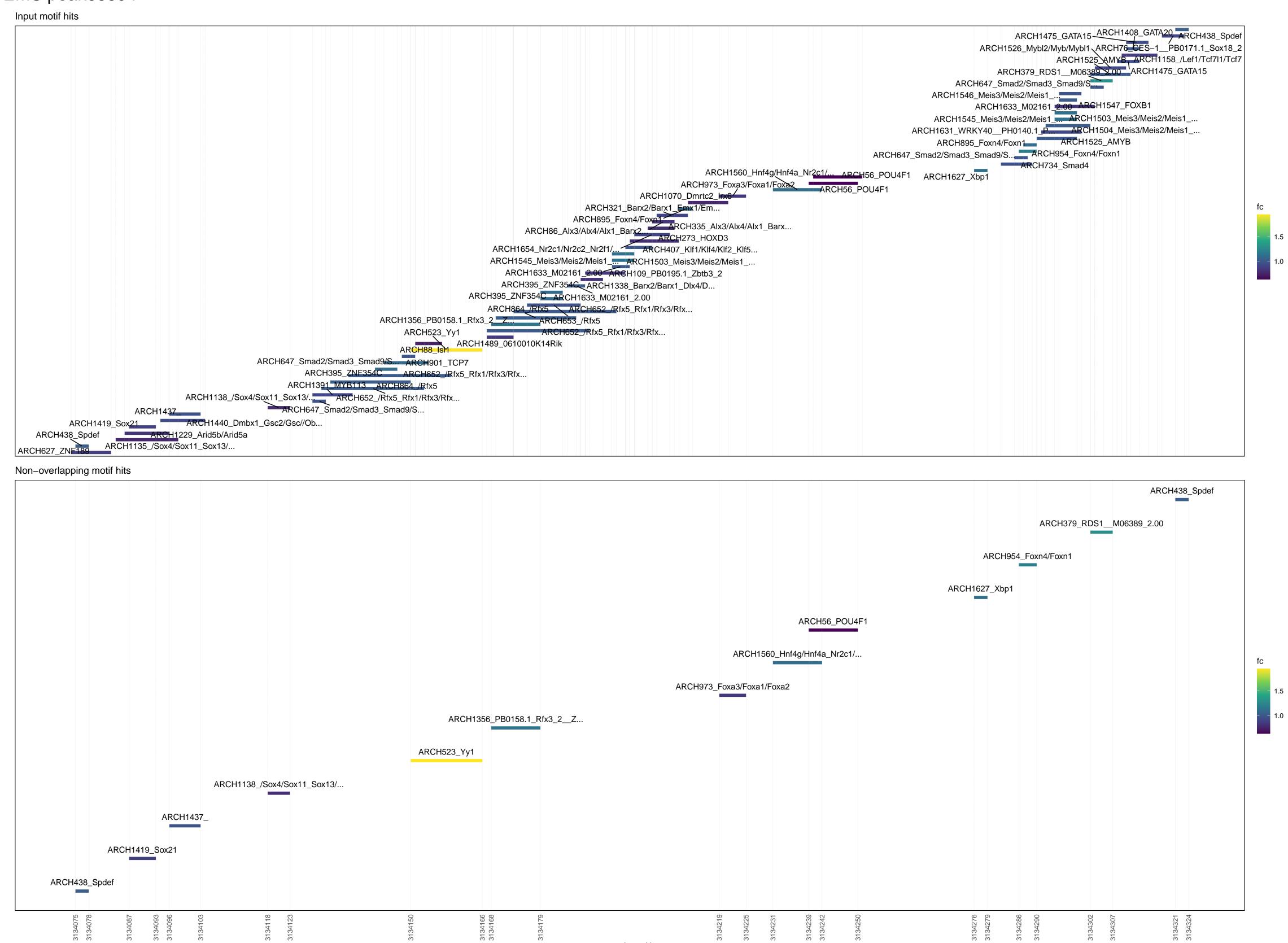


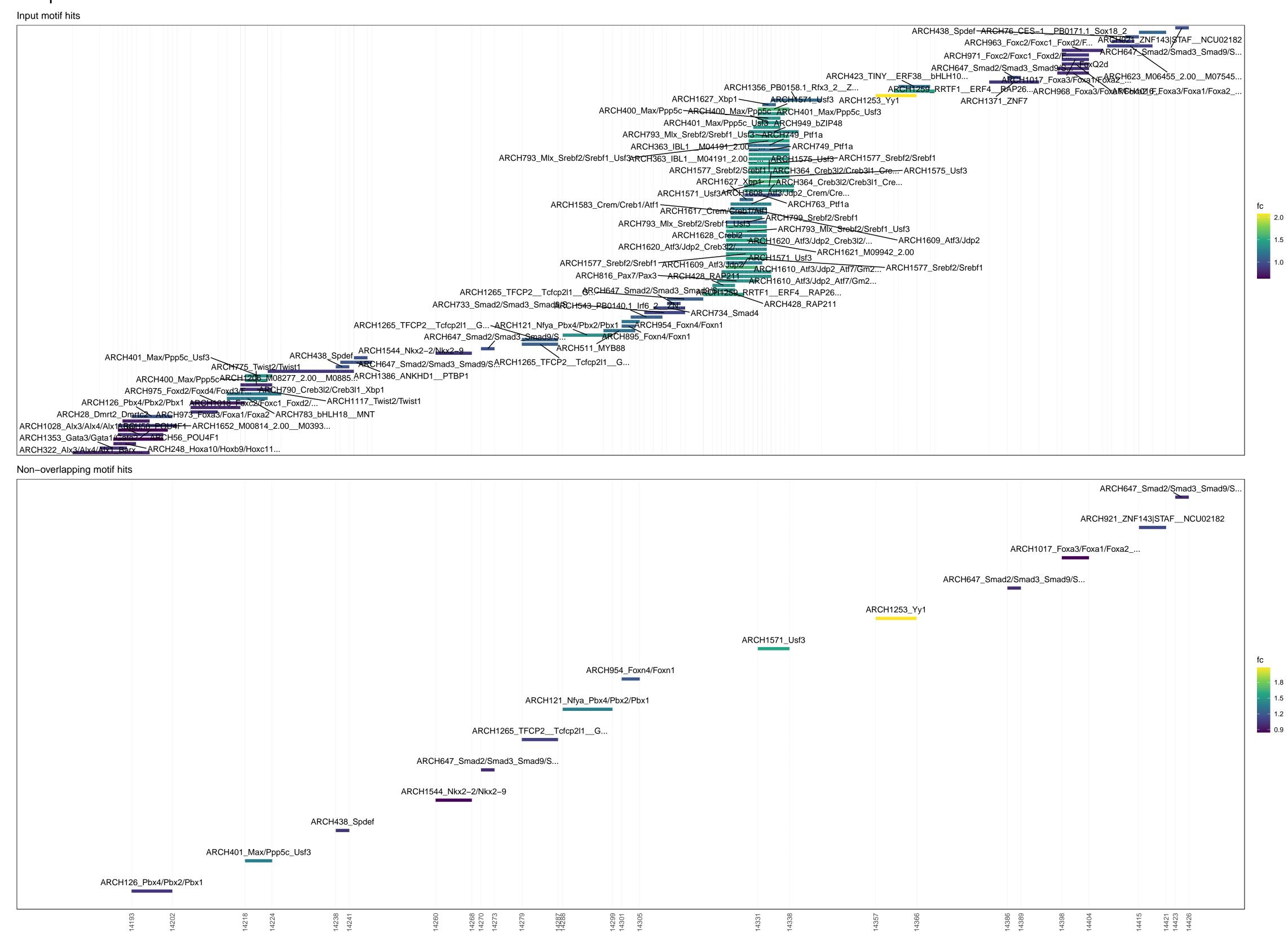


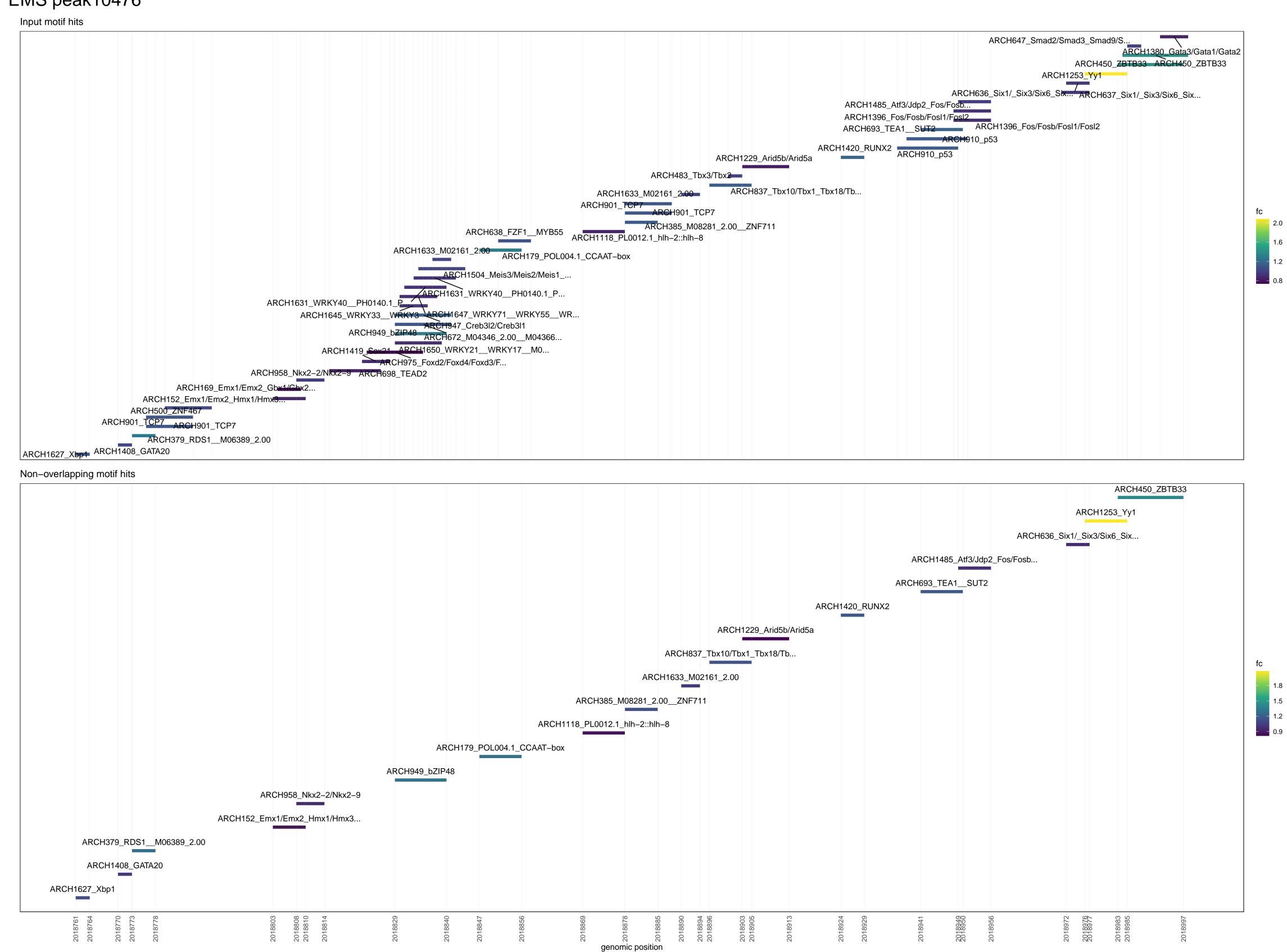


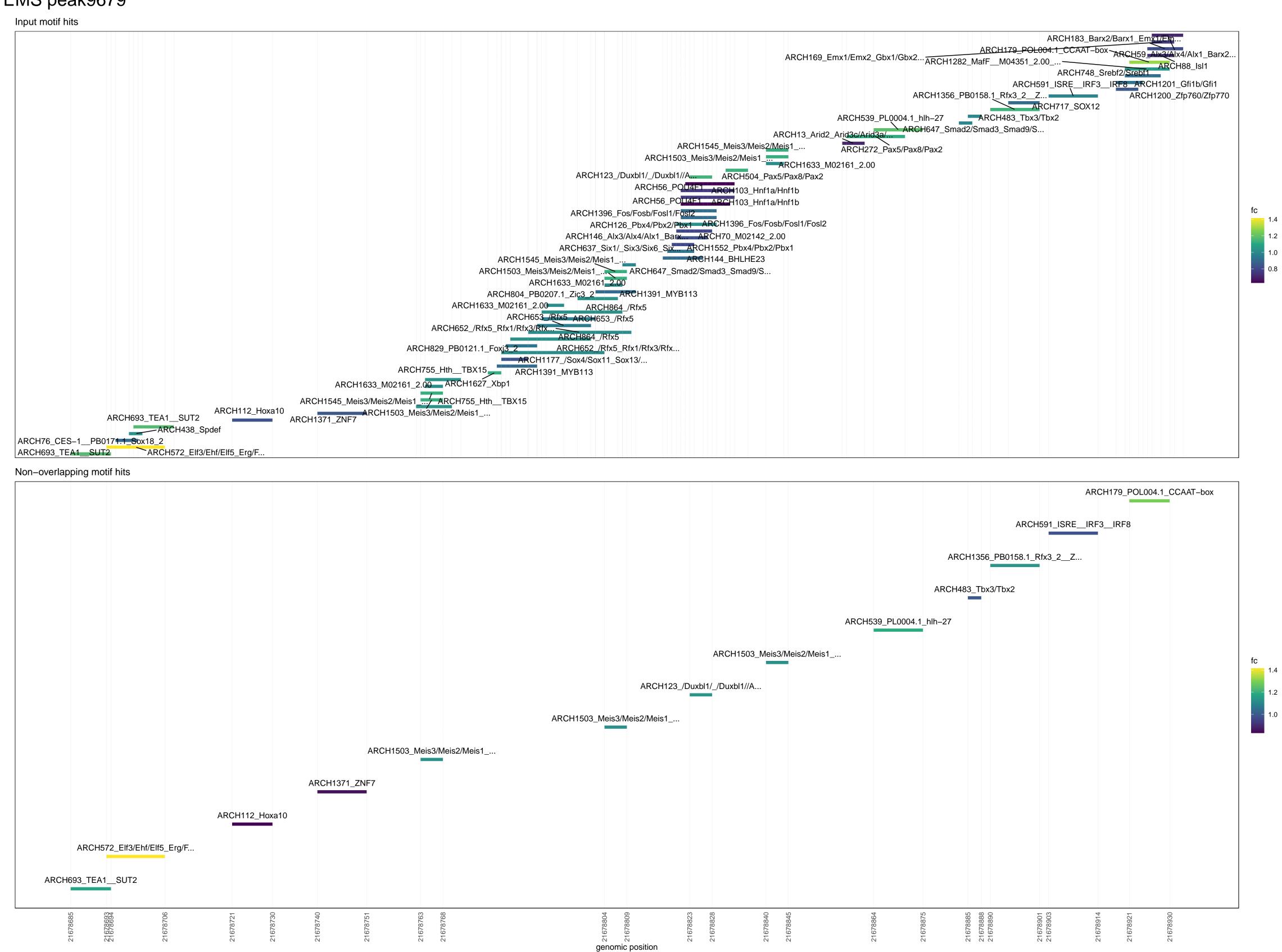


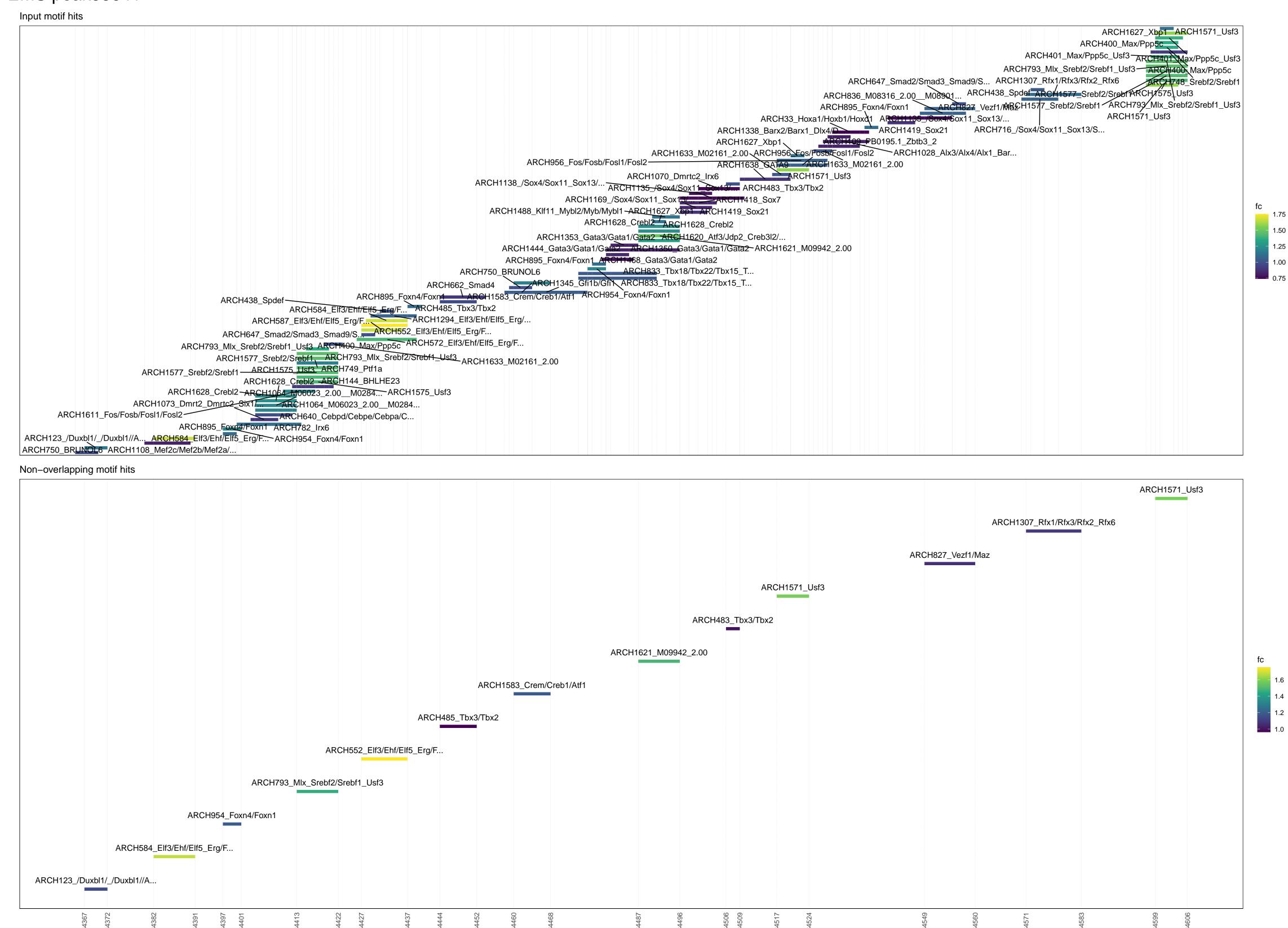


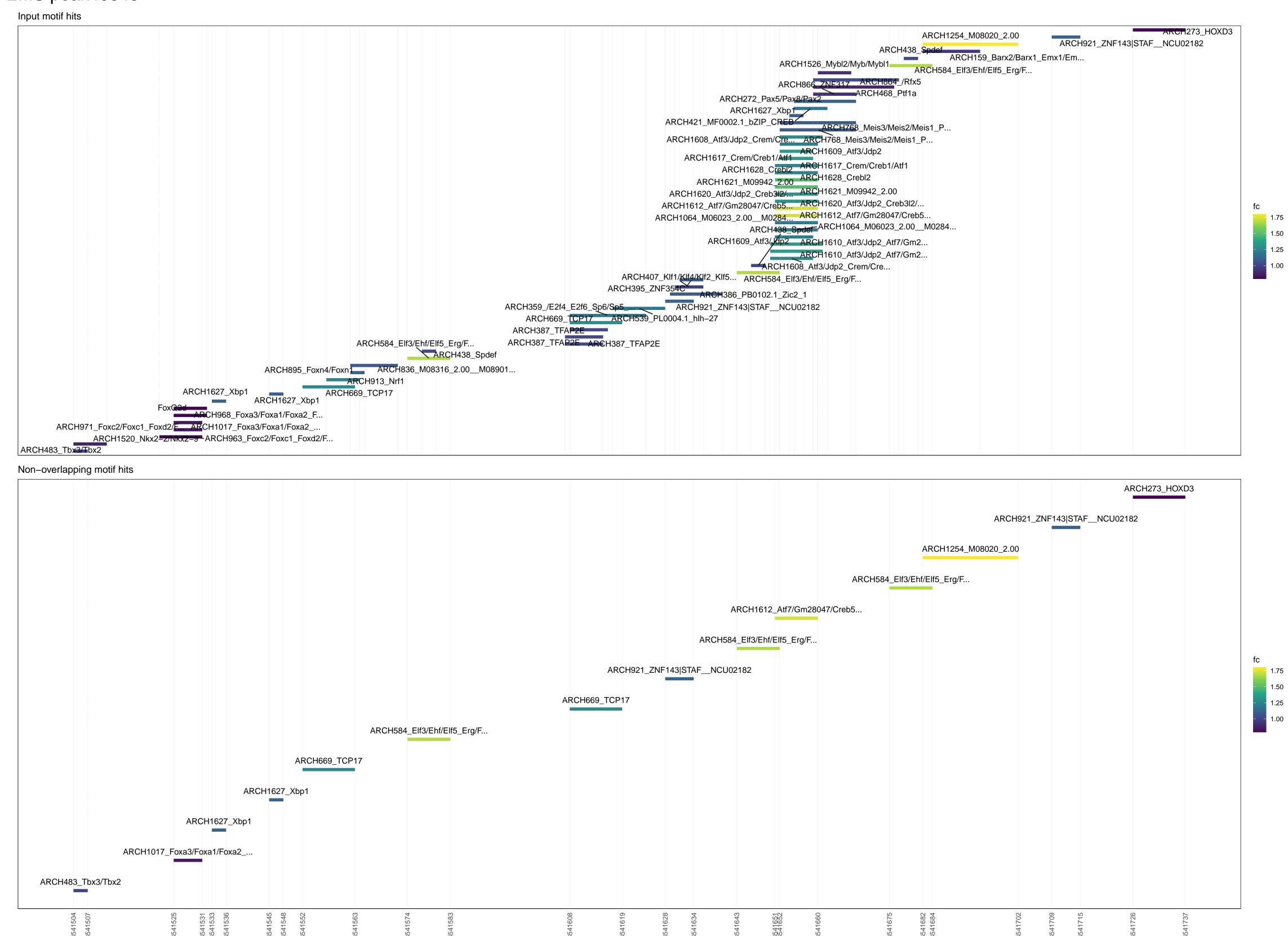


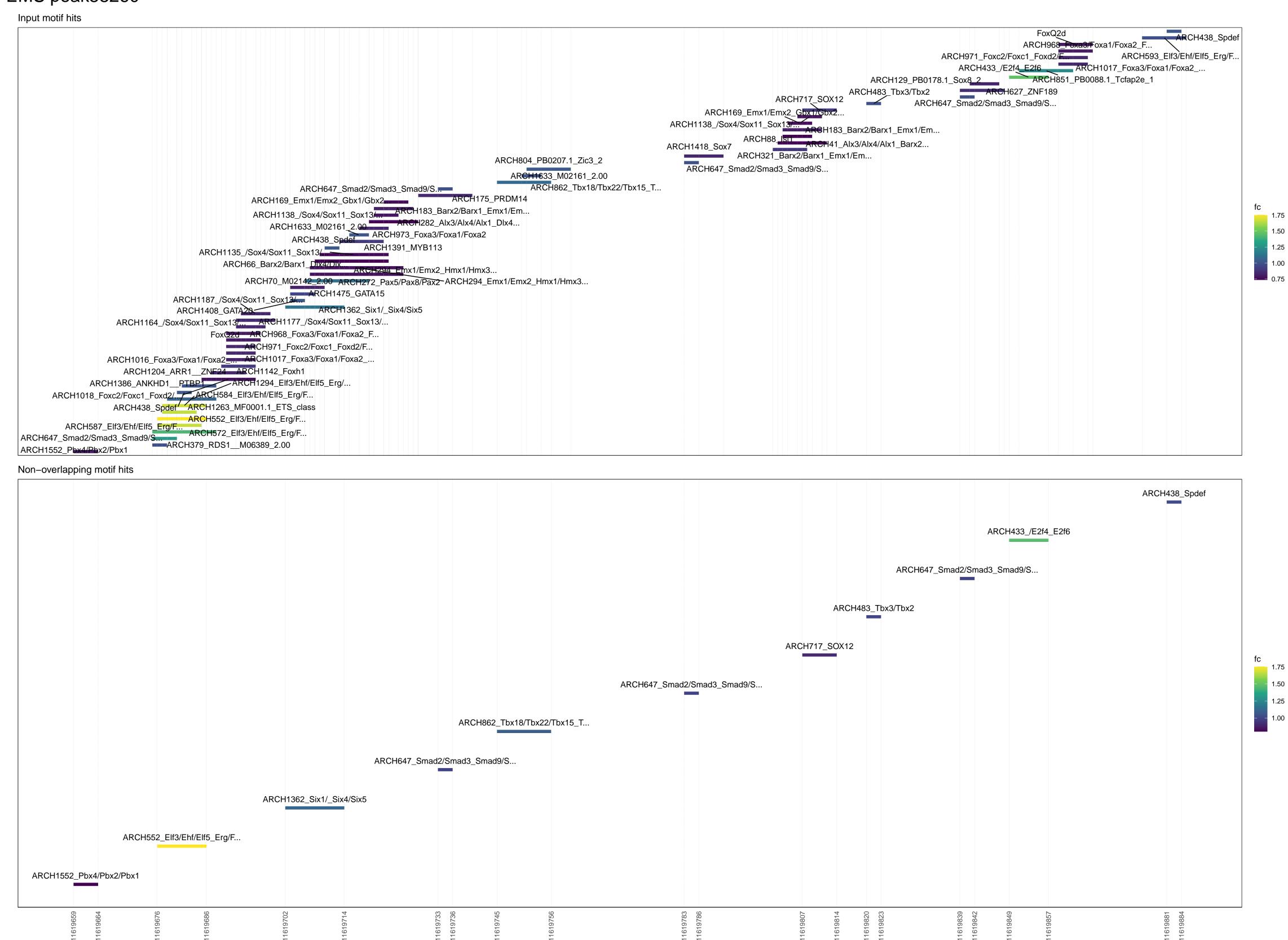


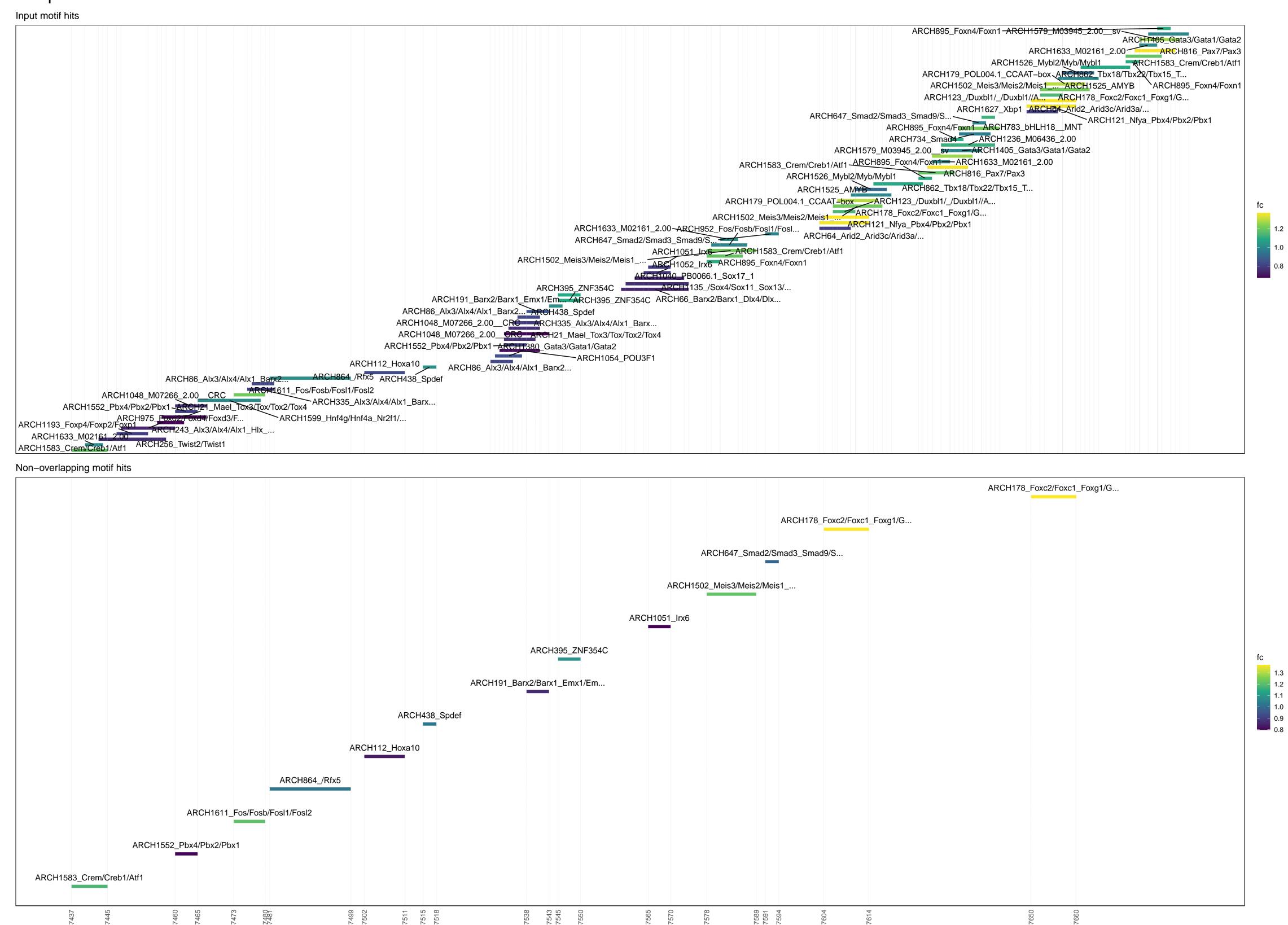


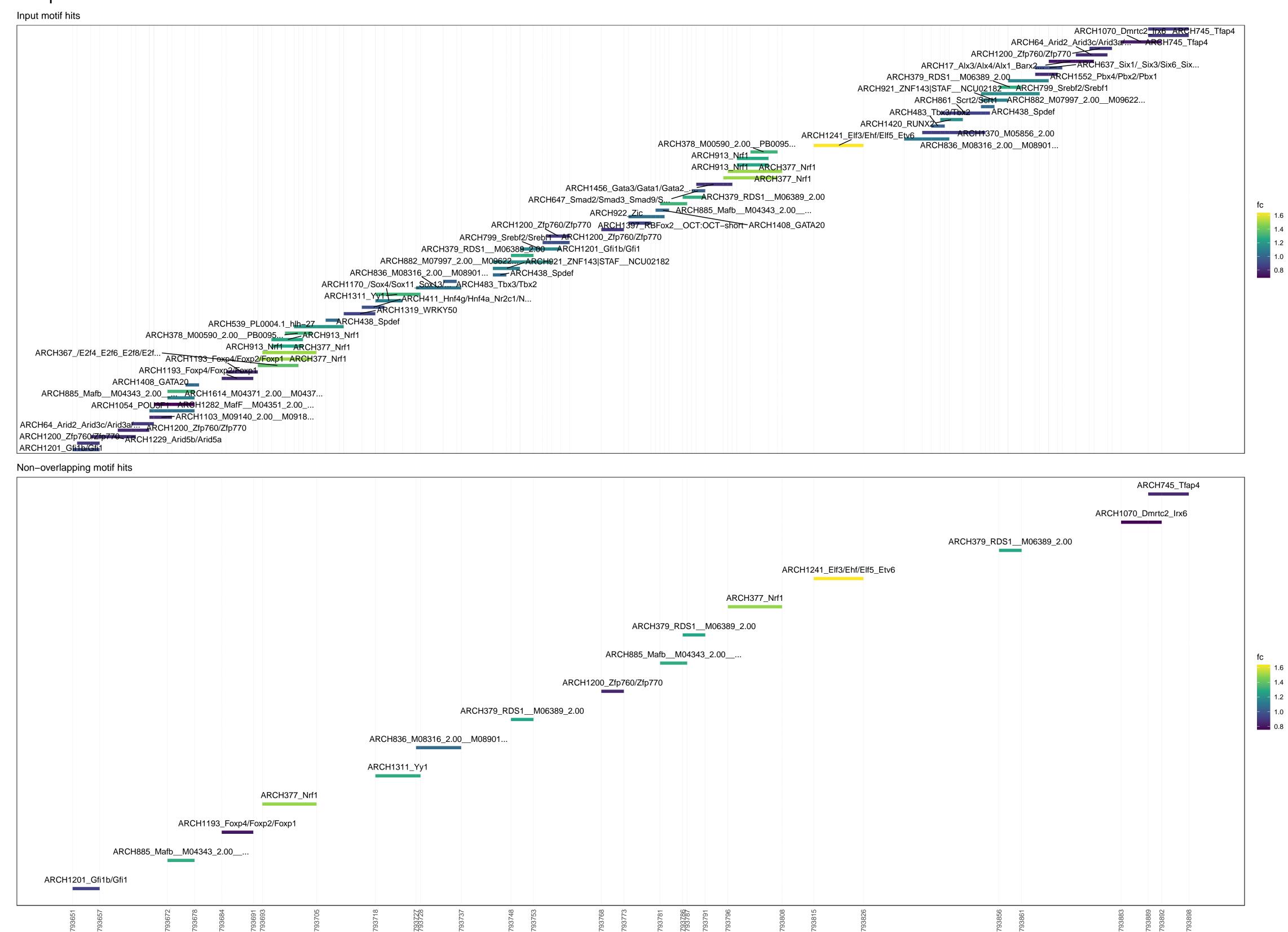


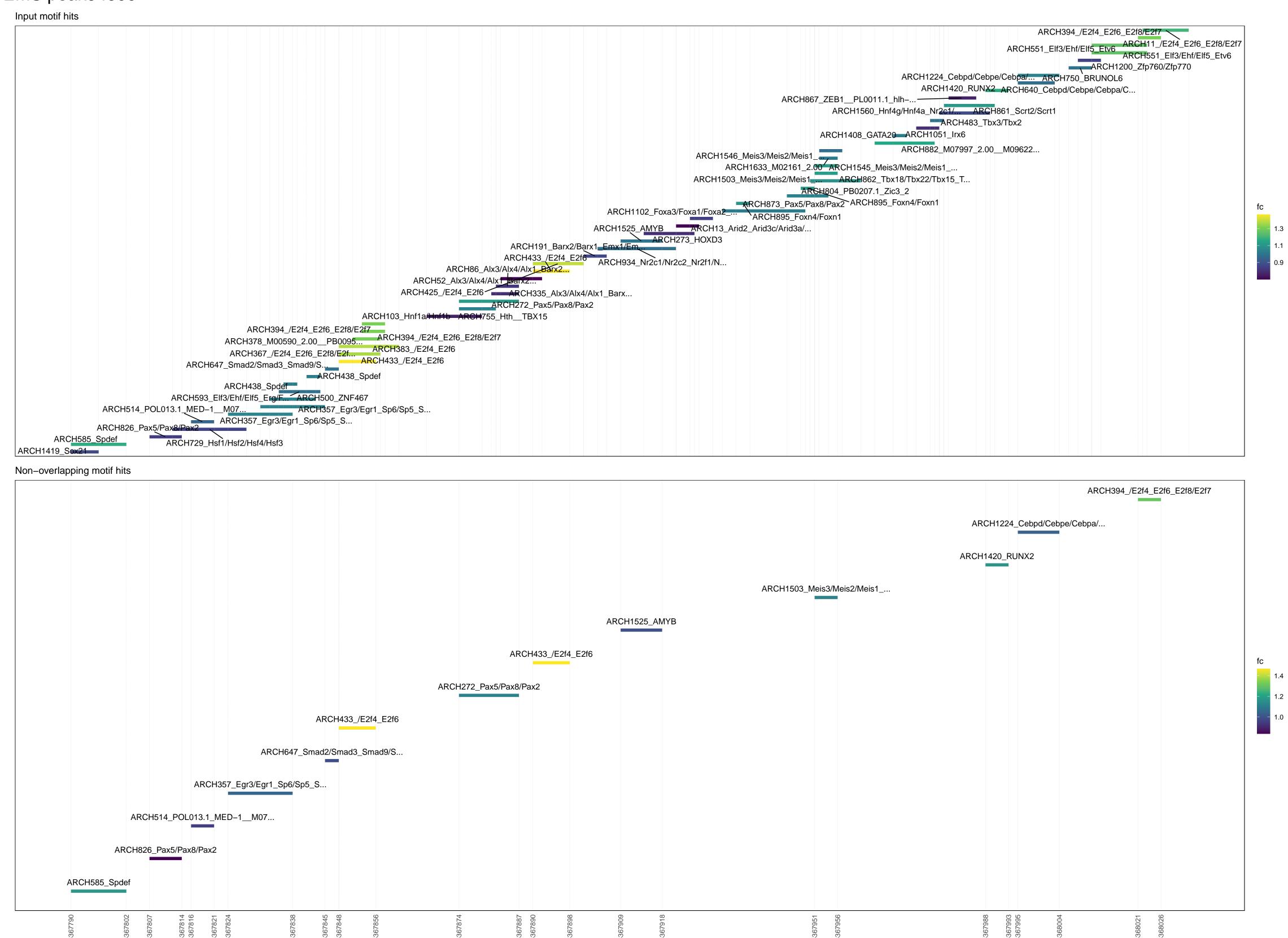


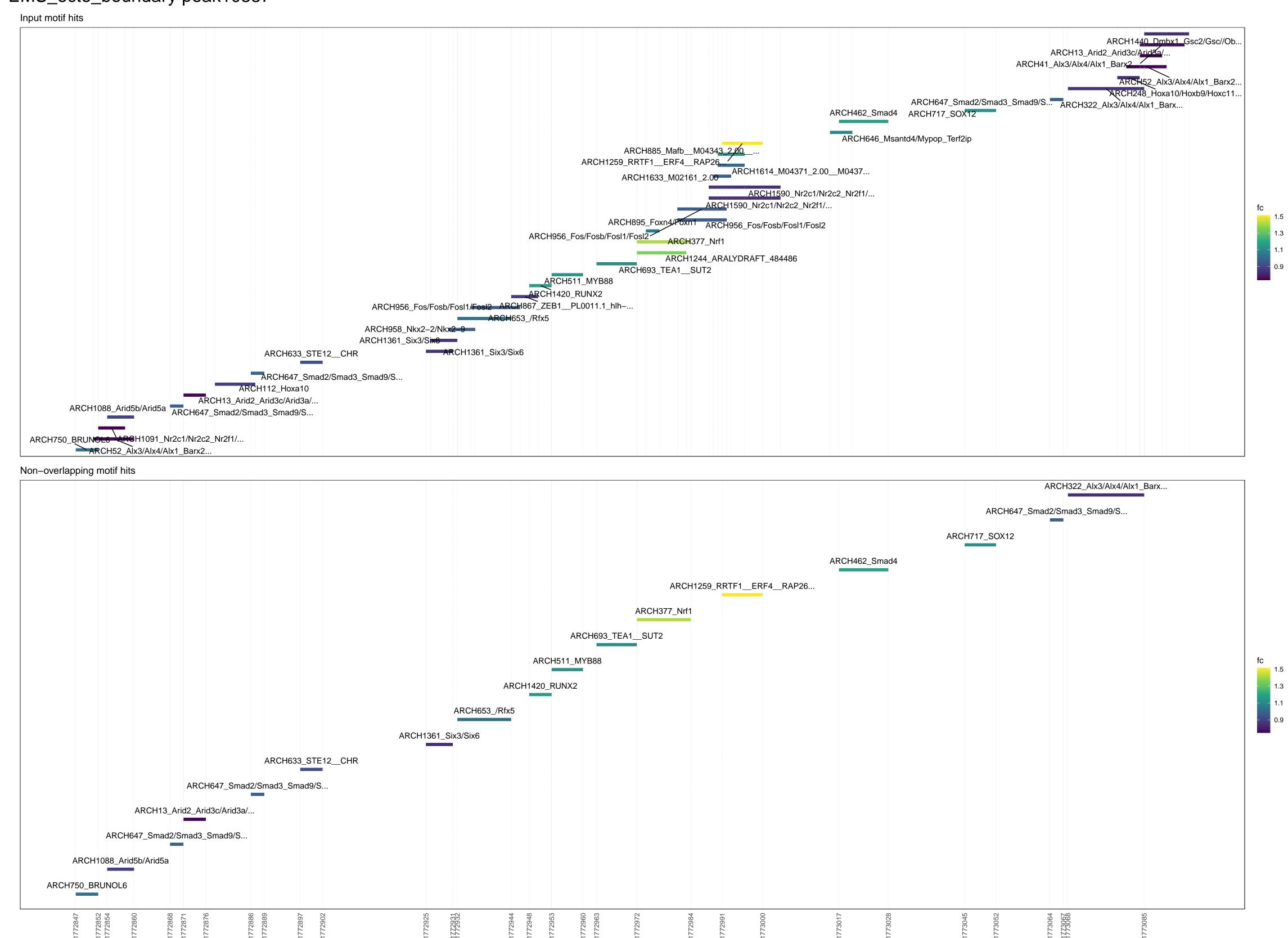


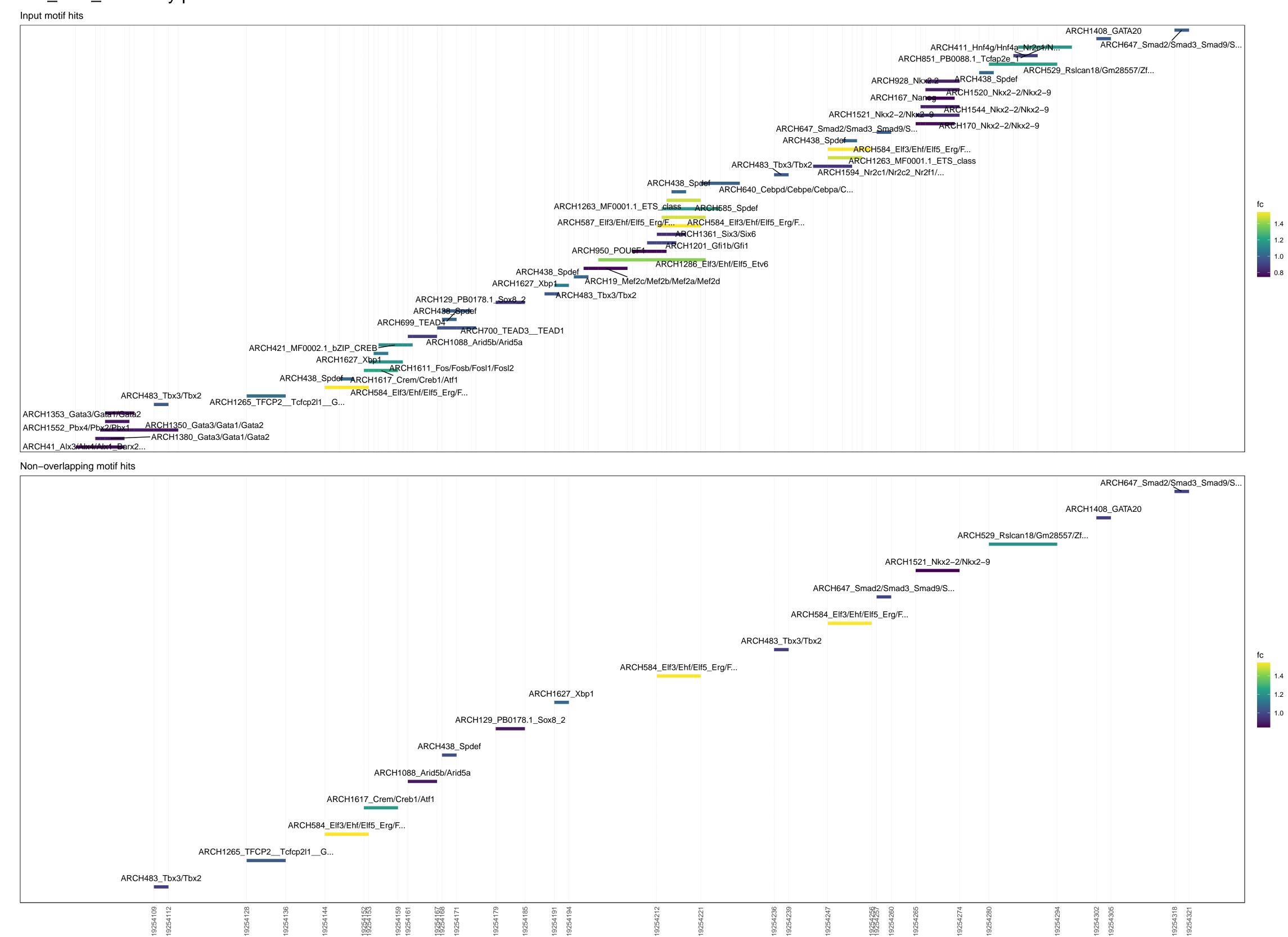


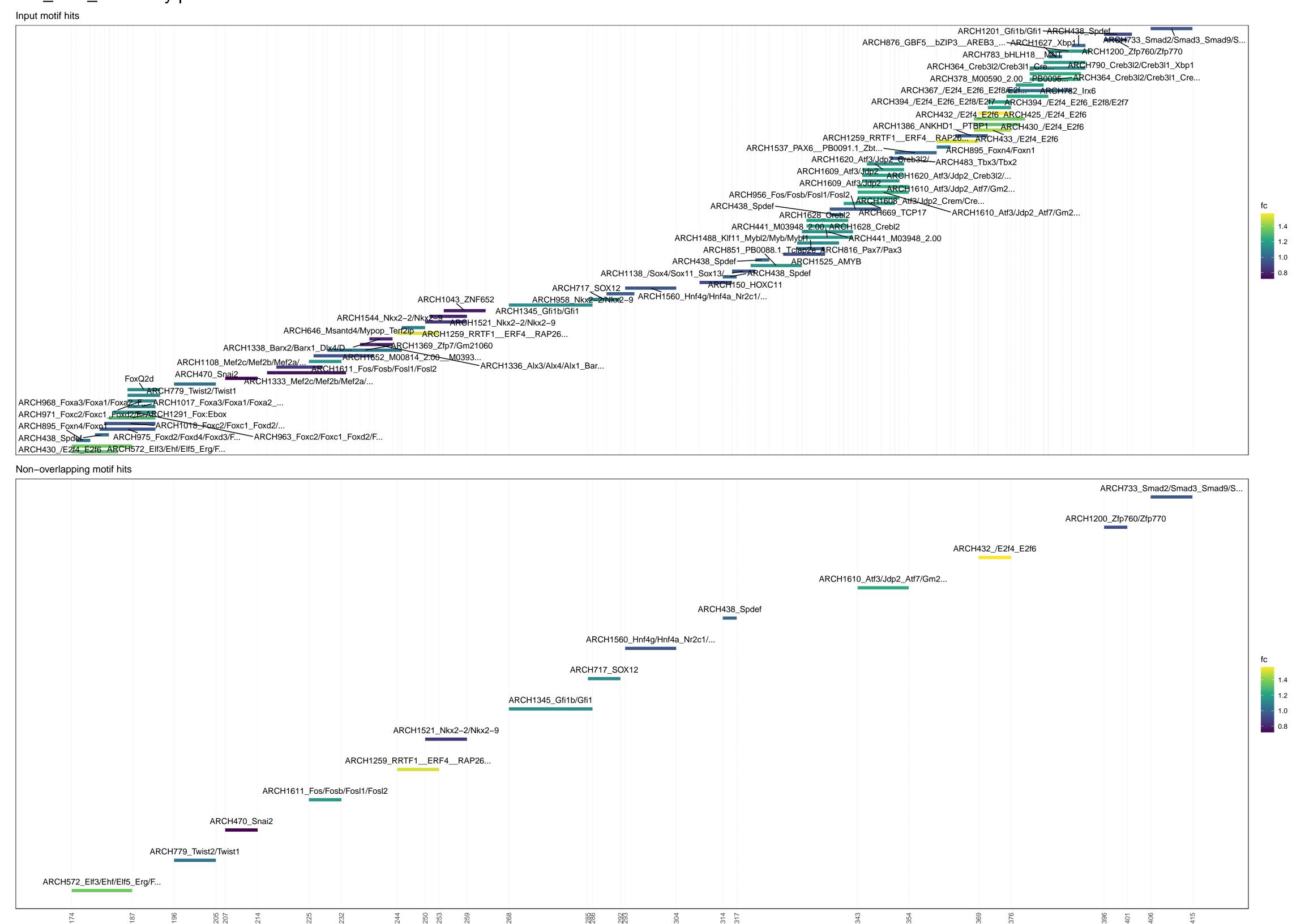


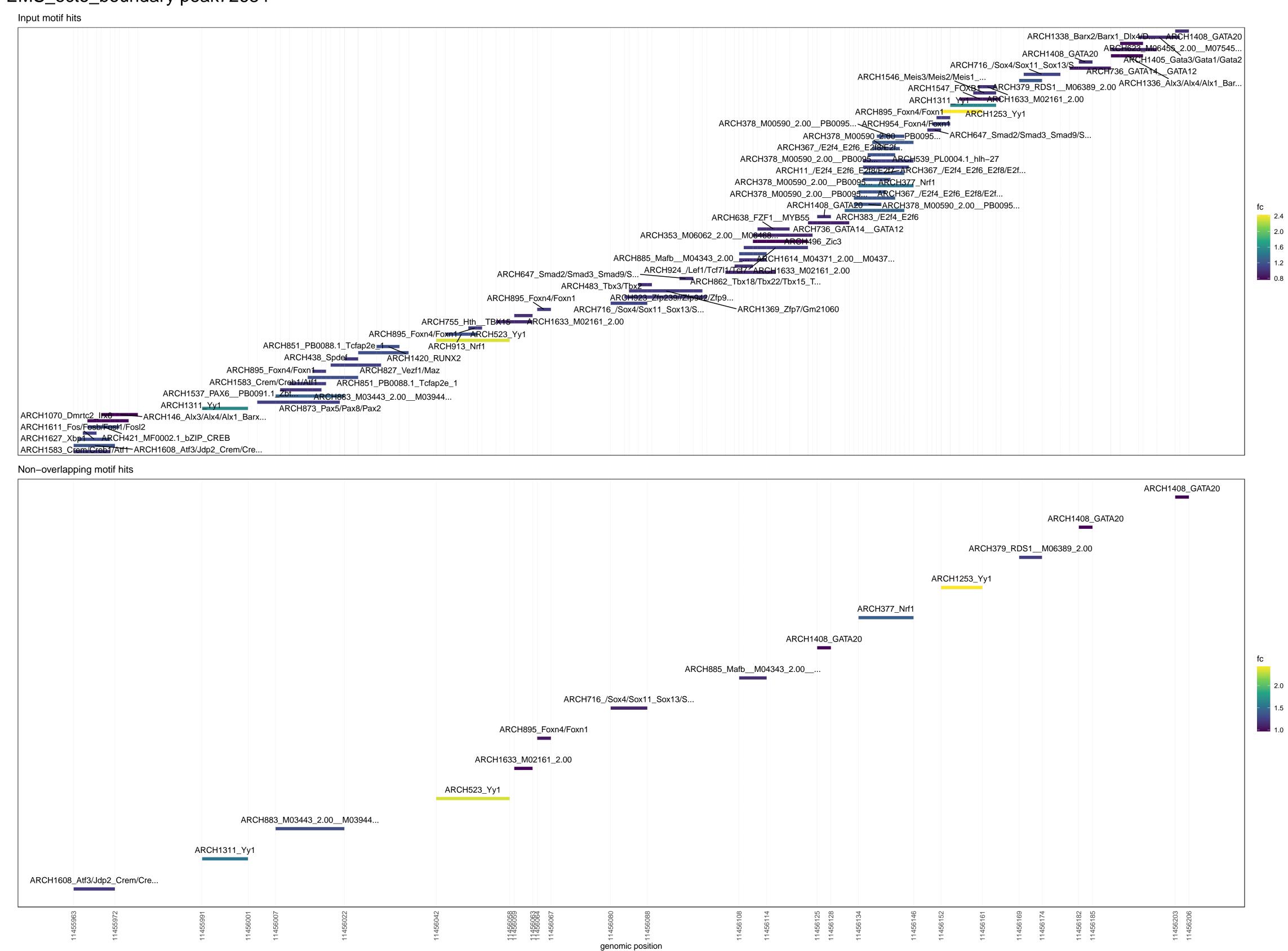


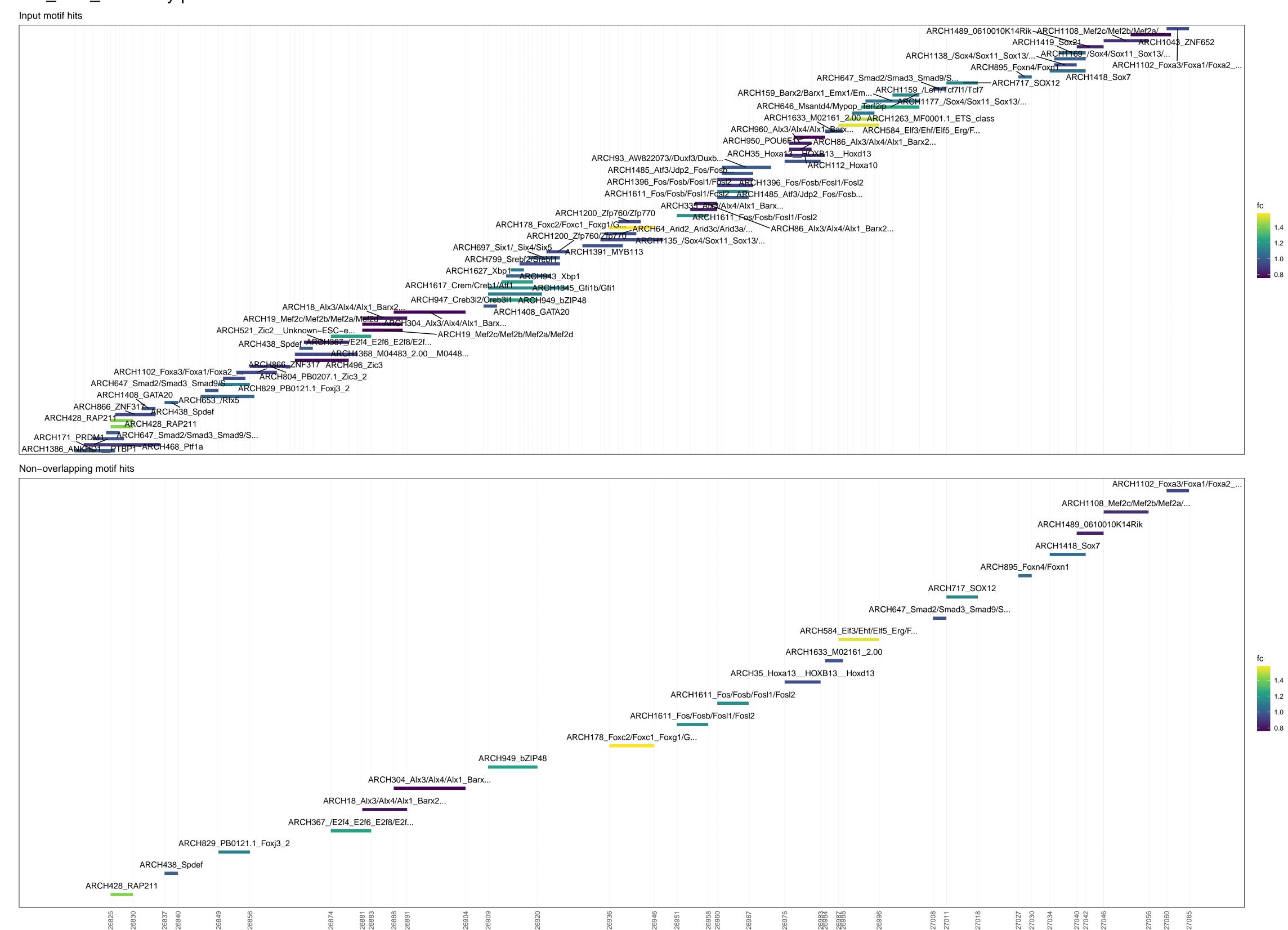


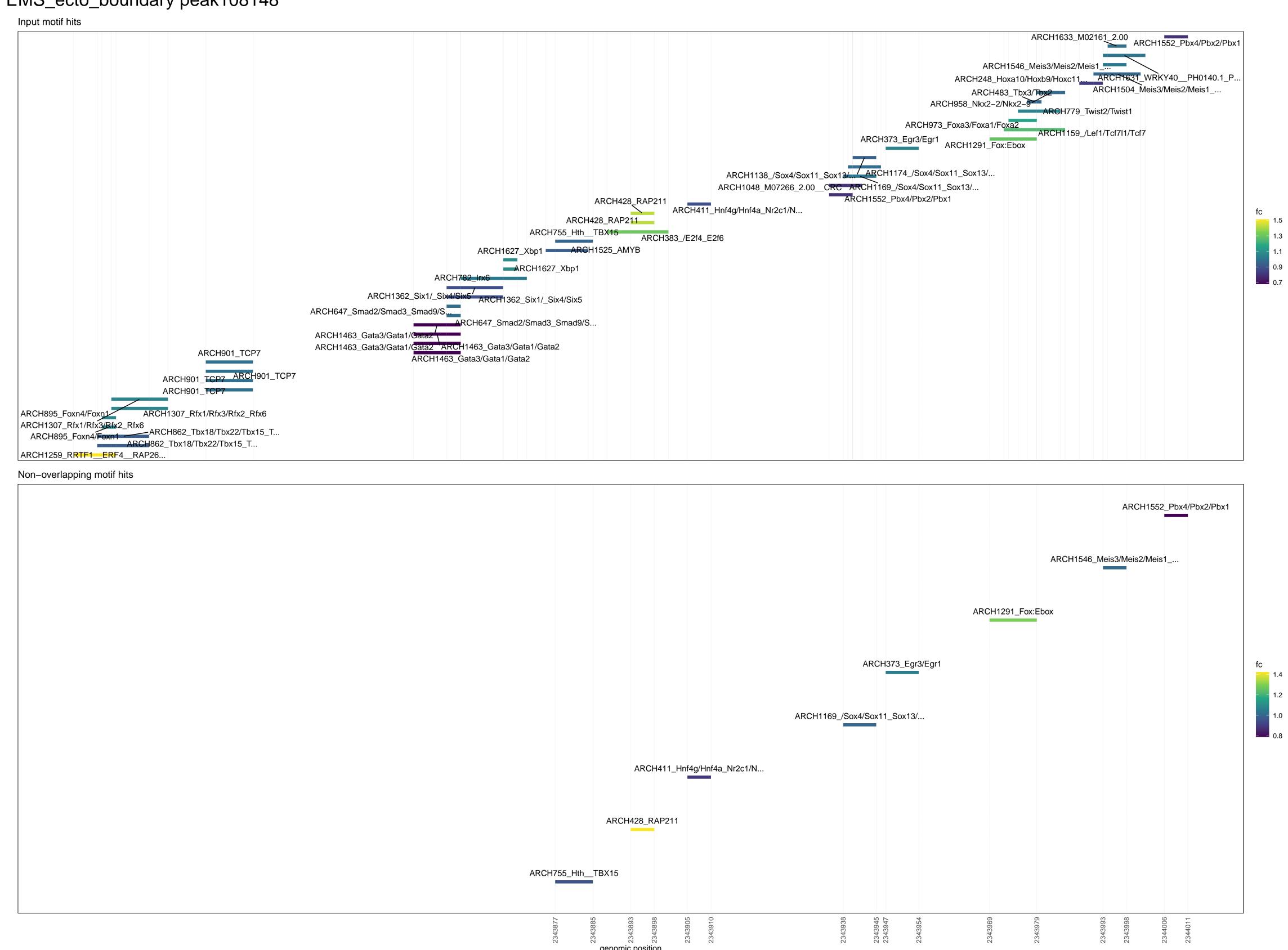


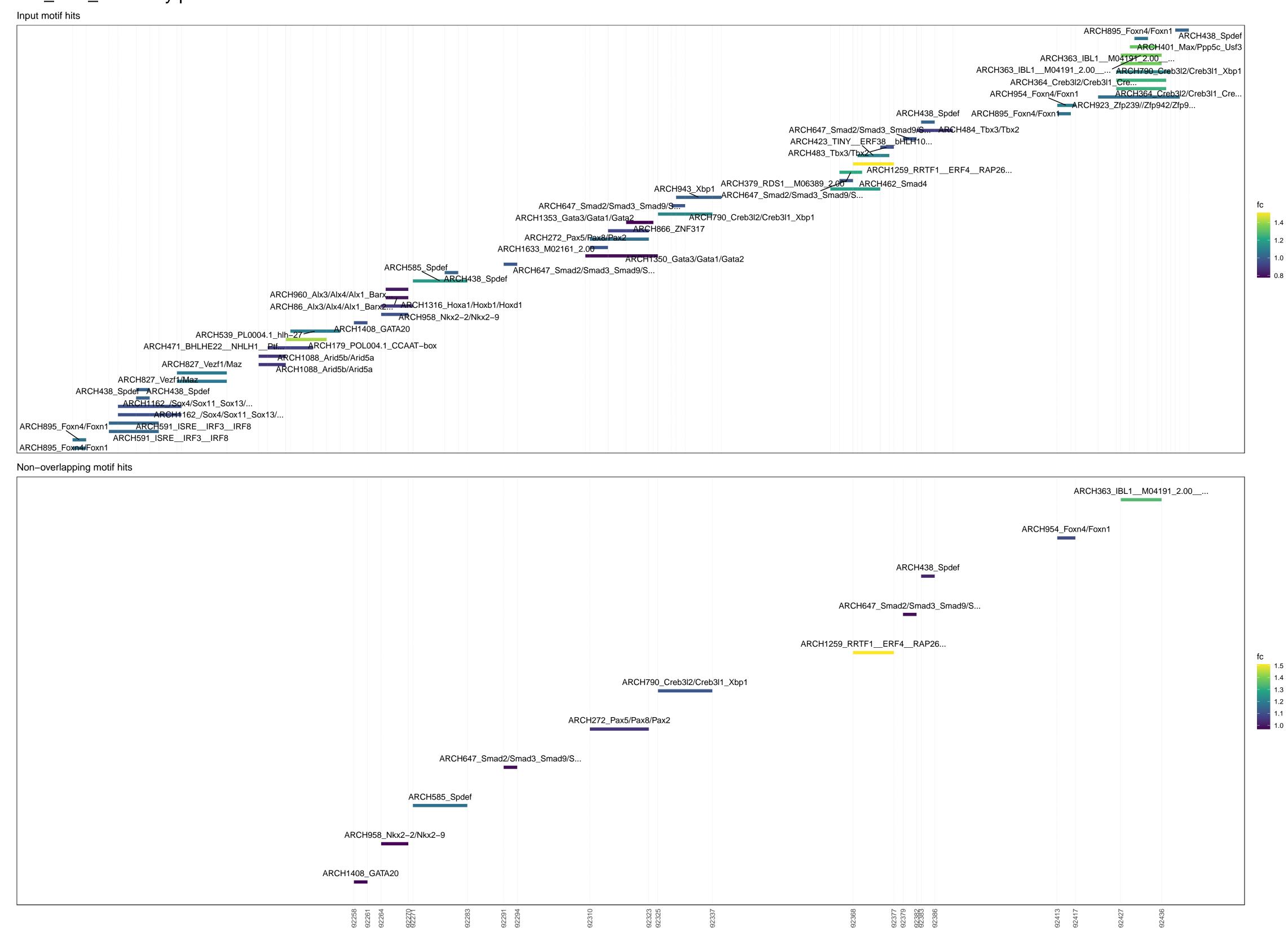


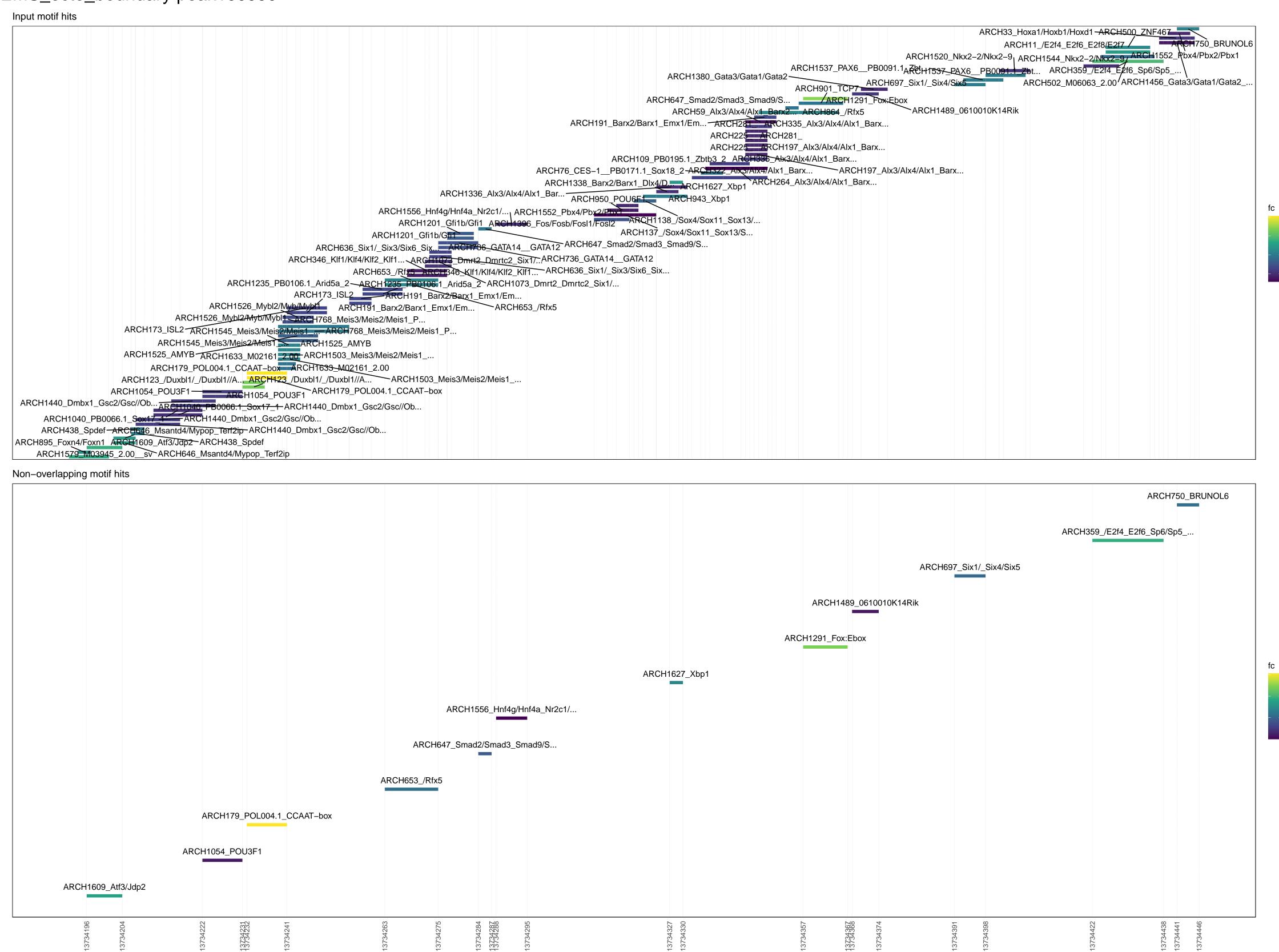








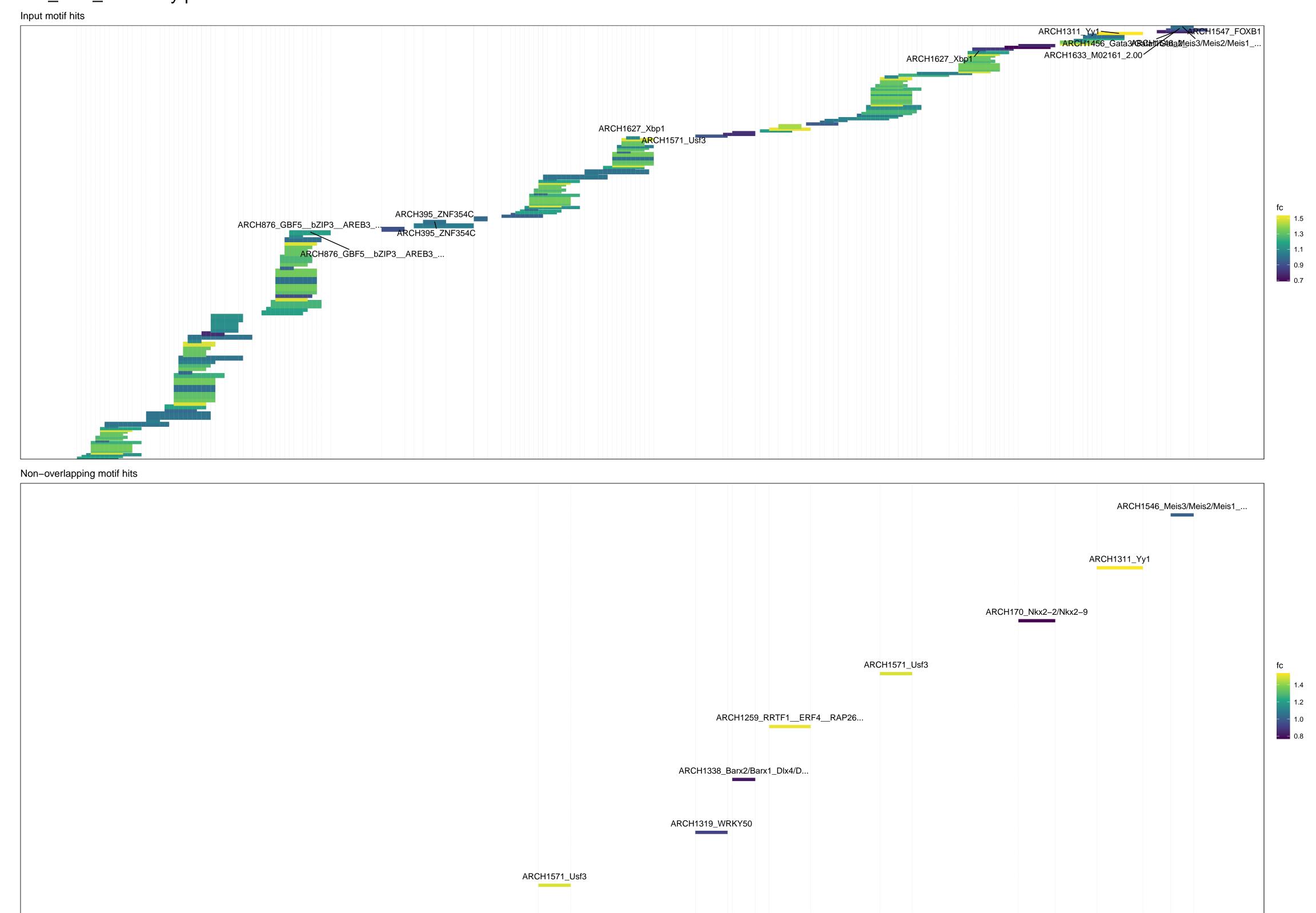


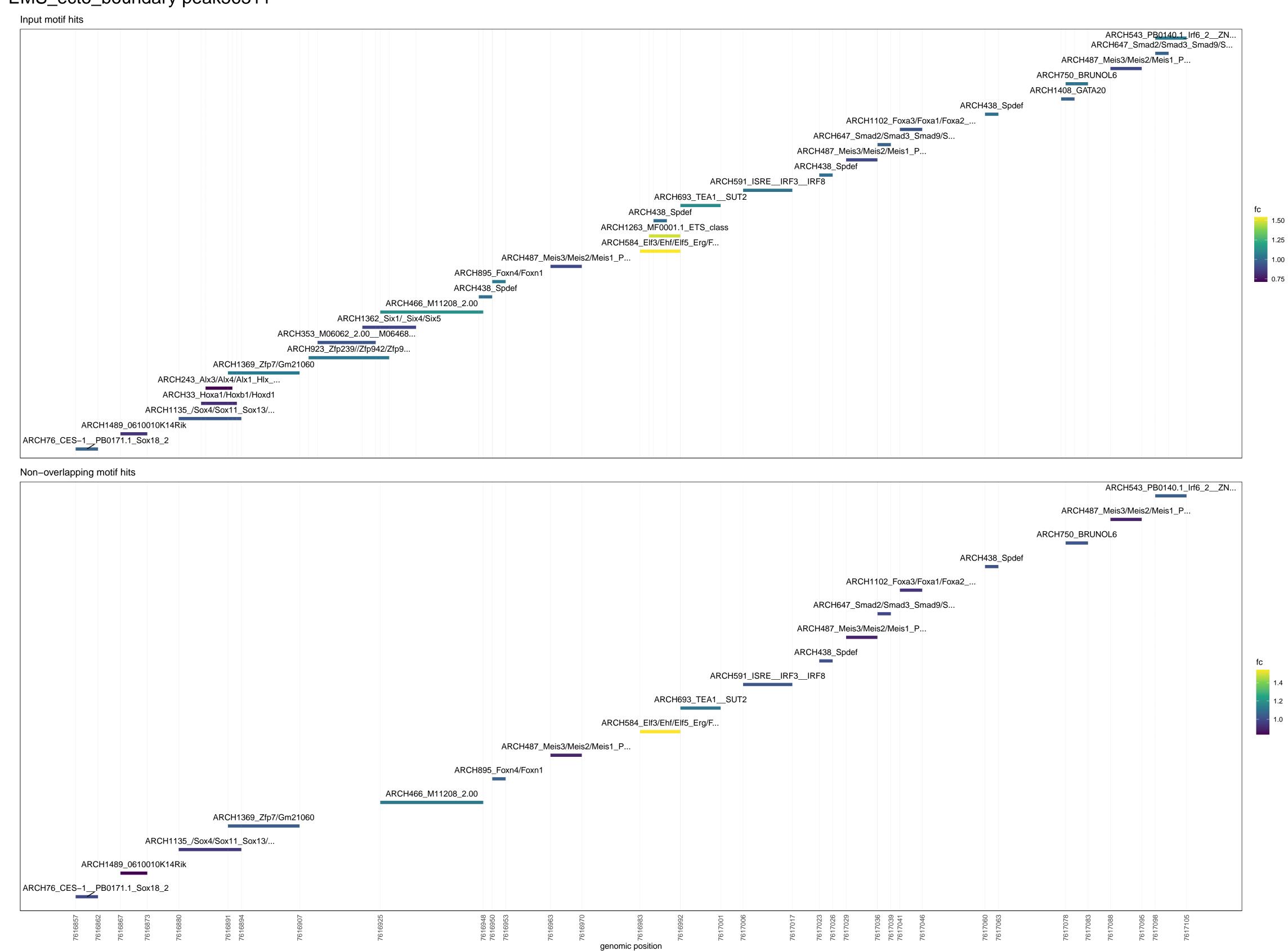


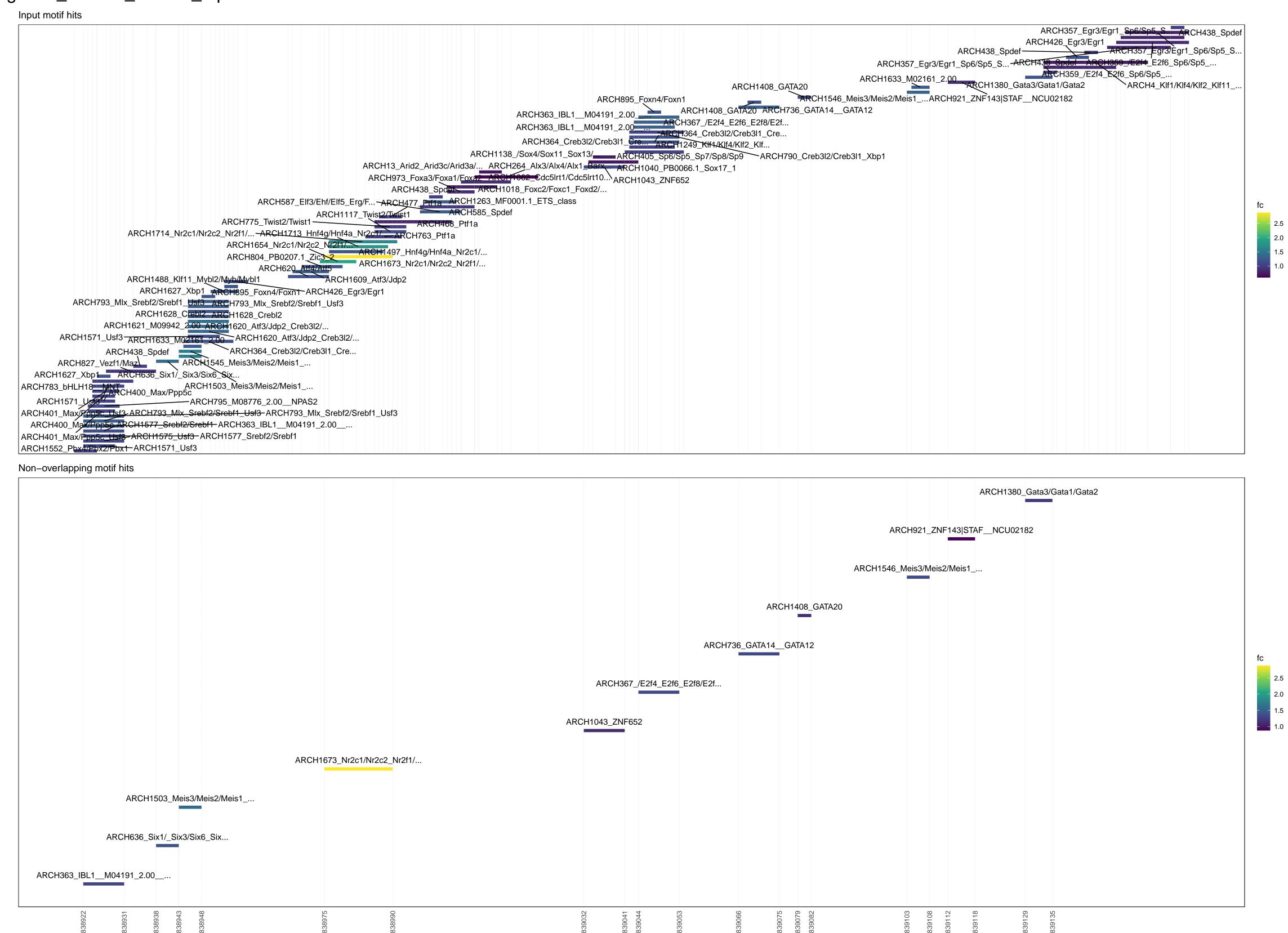
genomic position

1.2

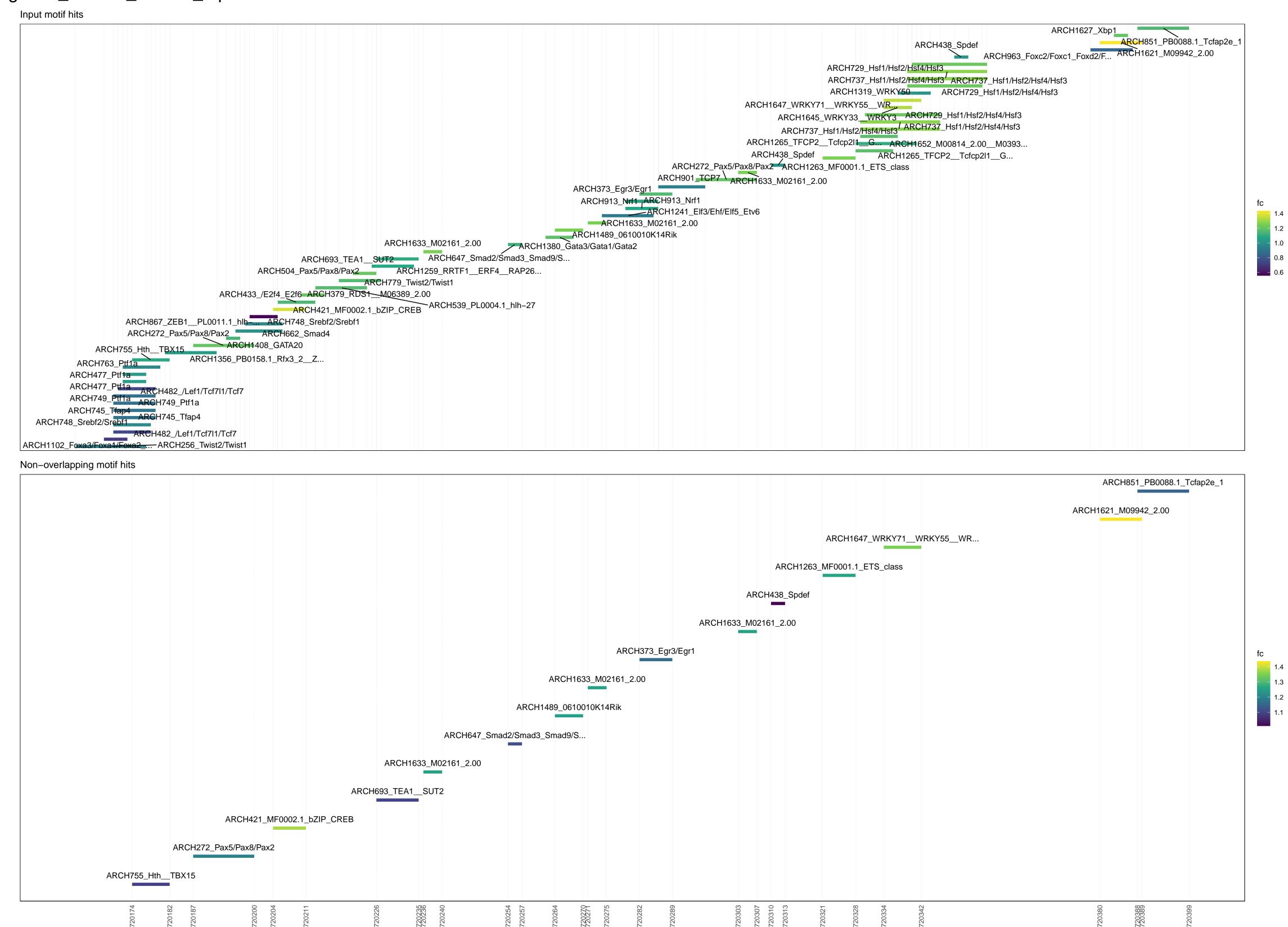
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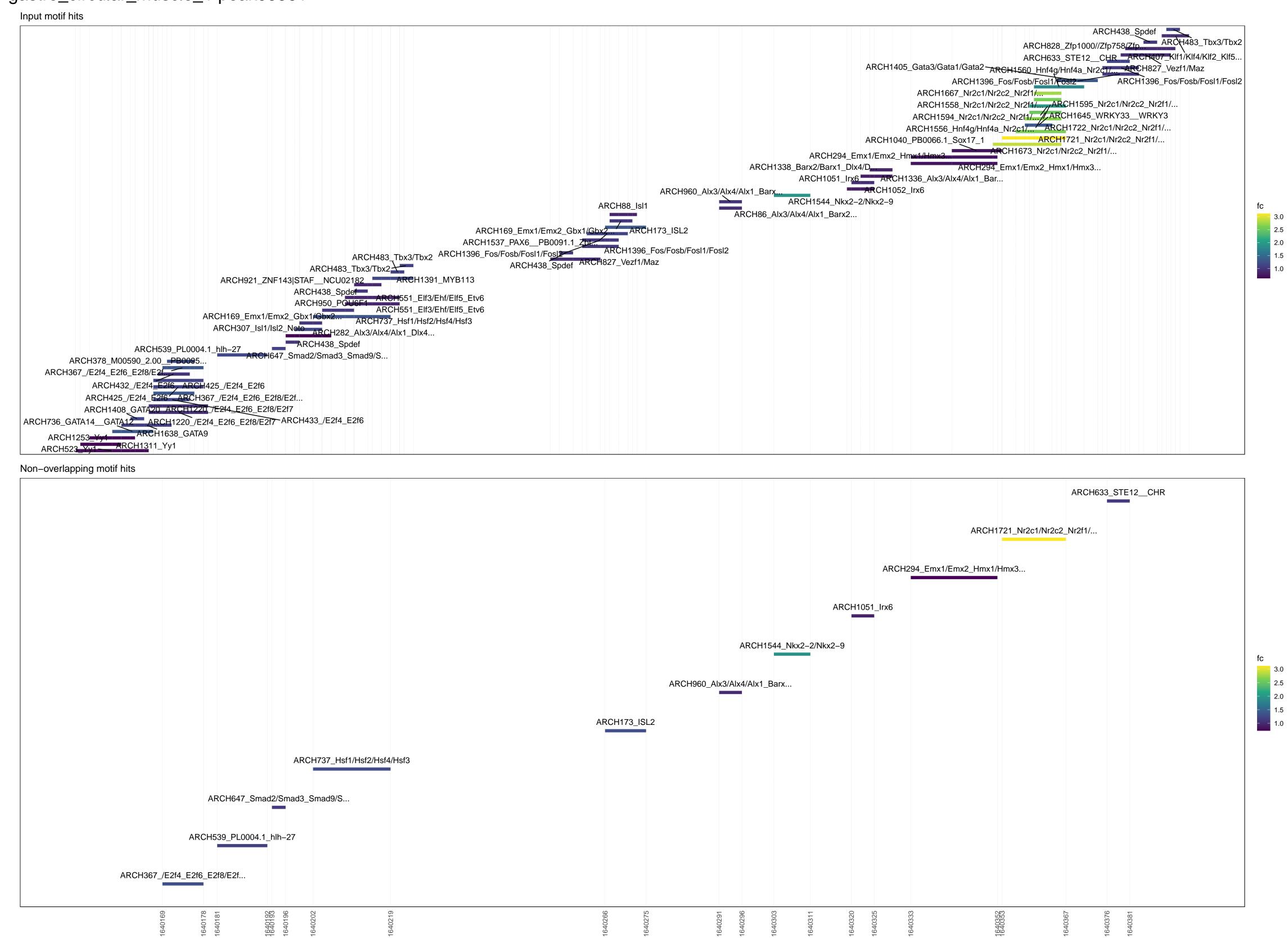


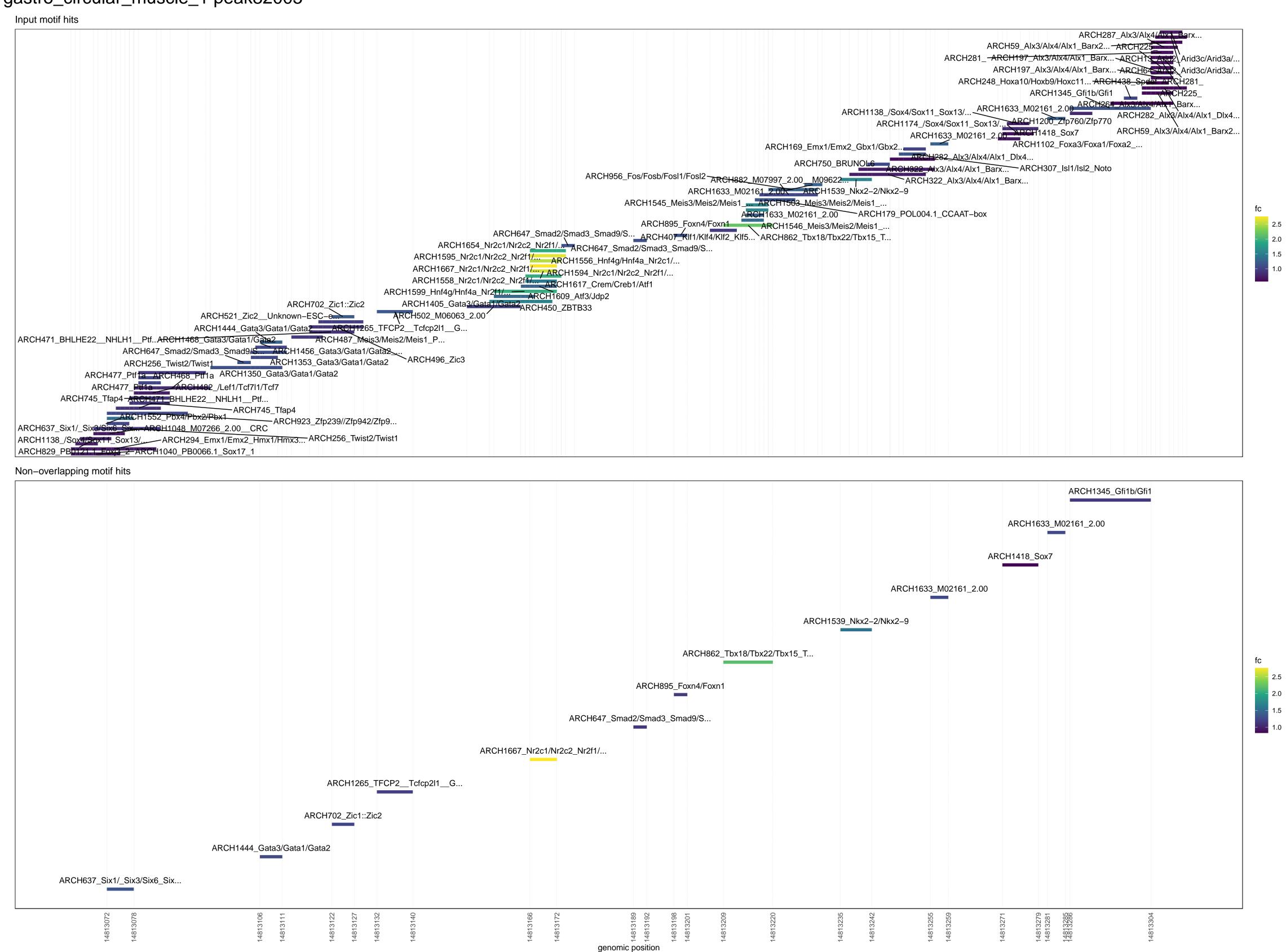


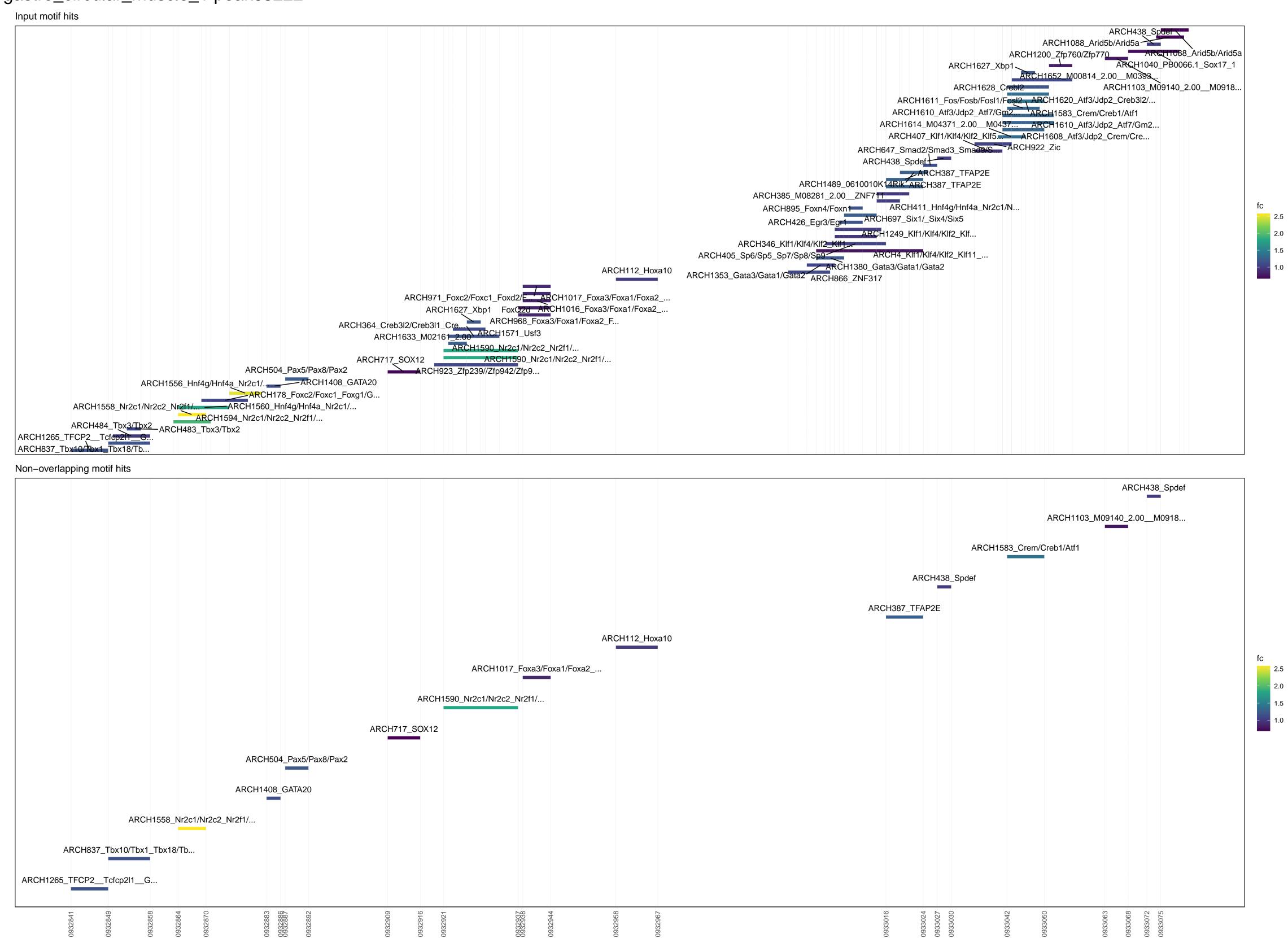


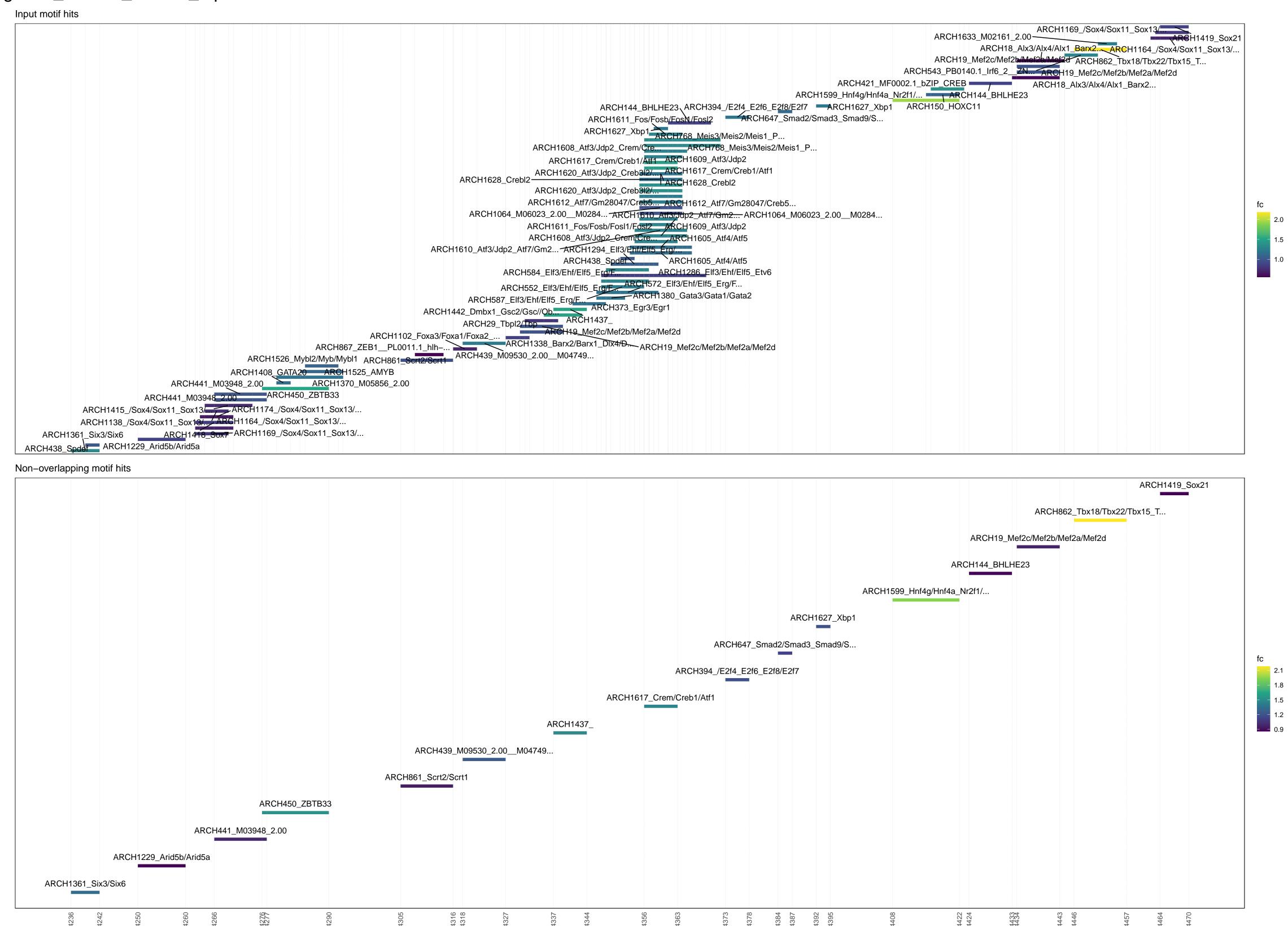
gastro_circular_muscle_1 peak65629

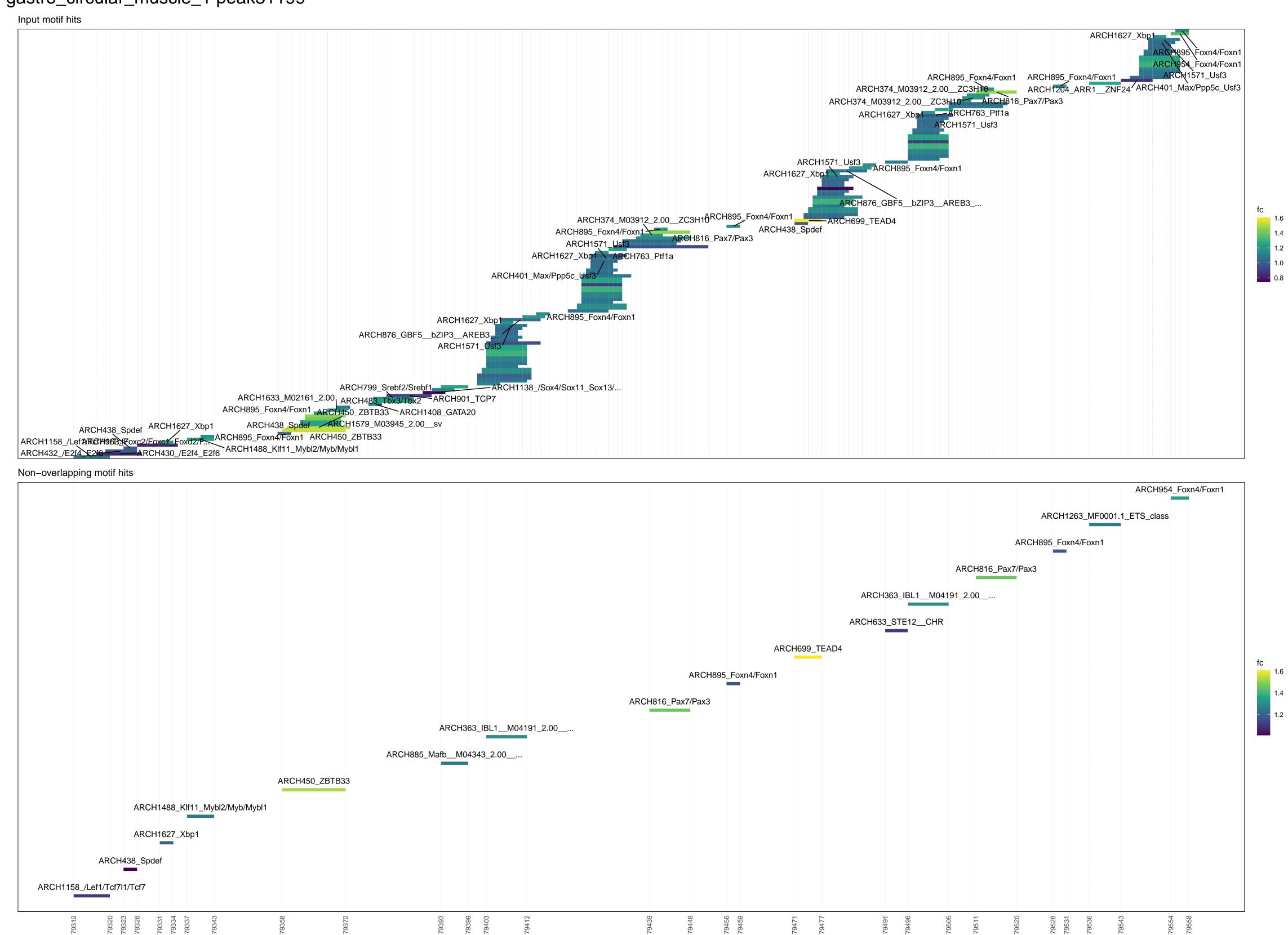






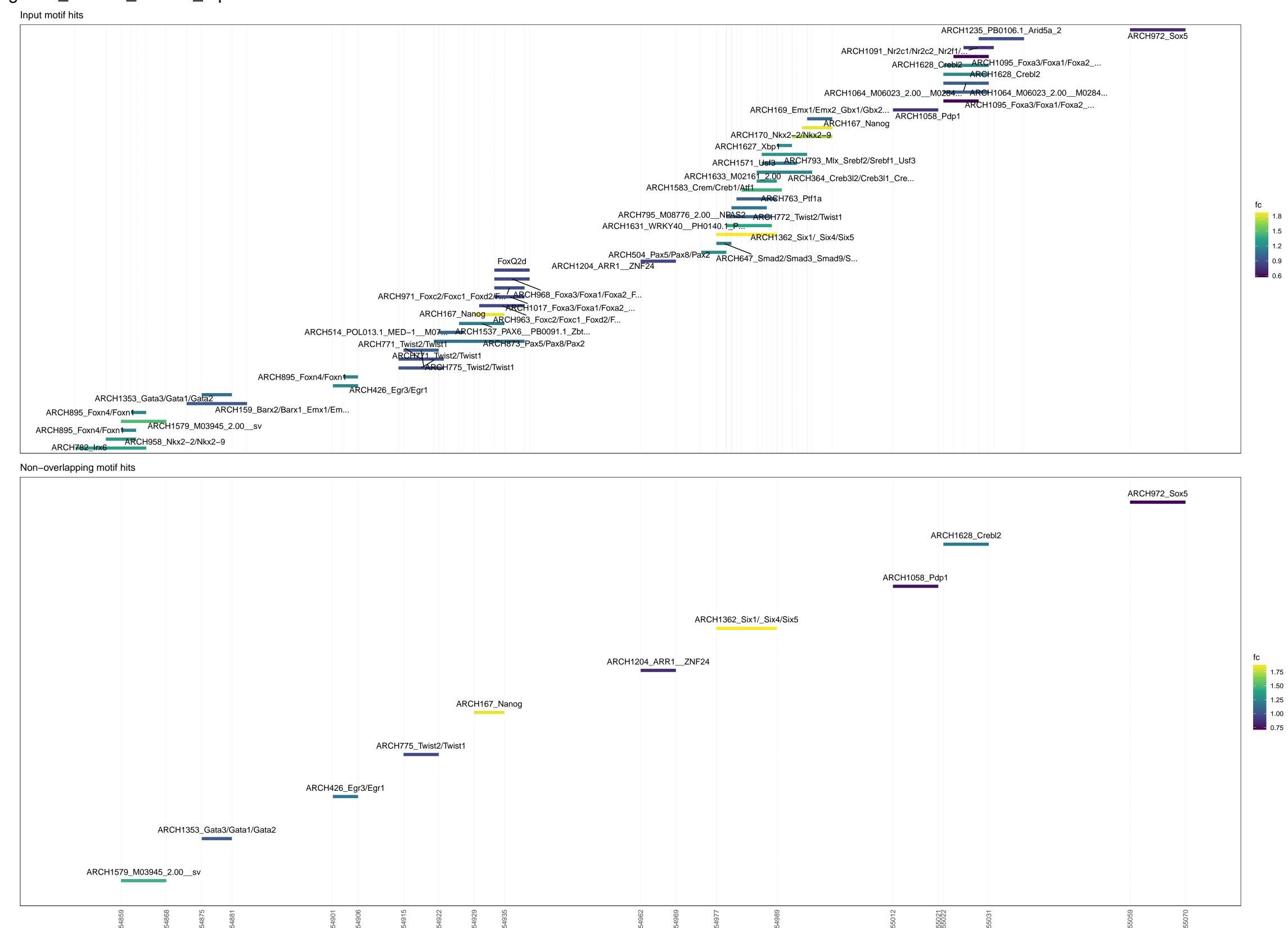


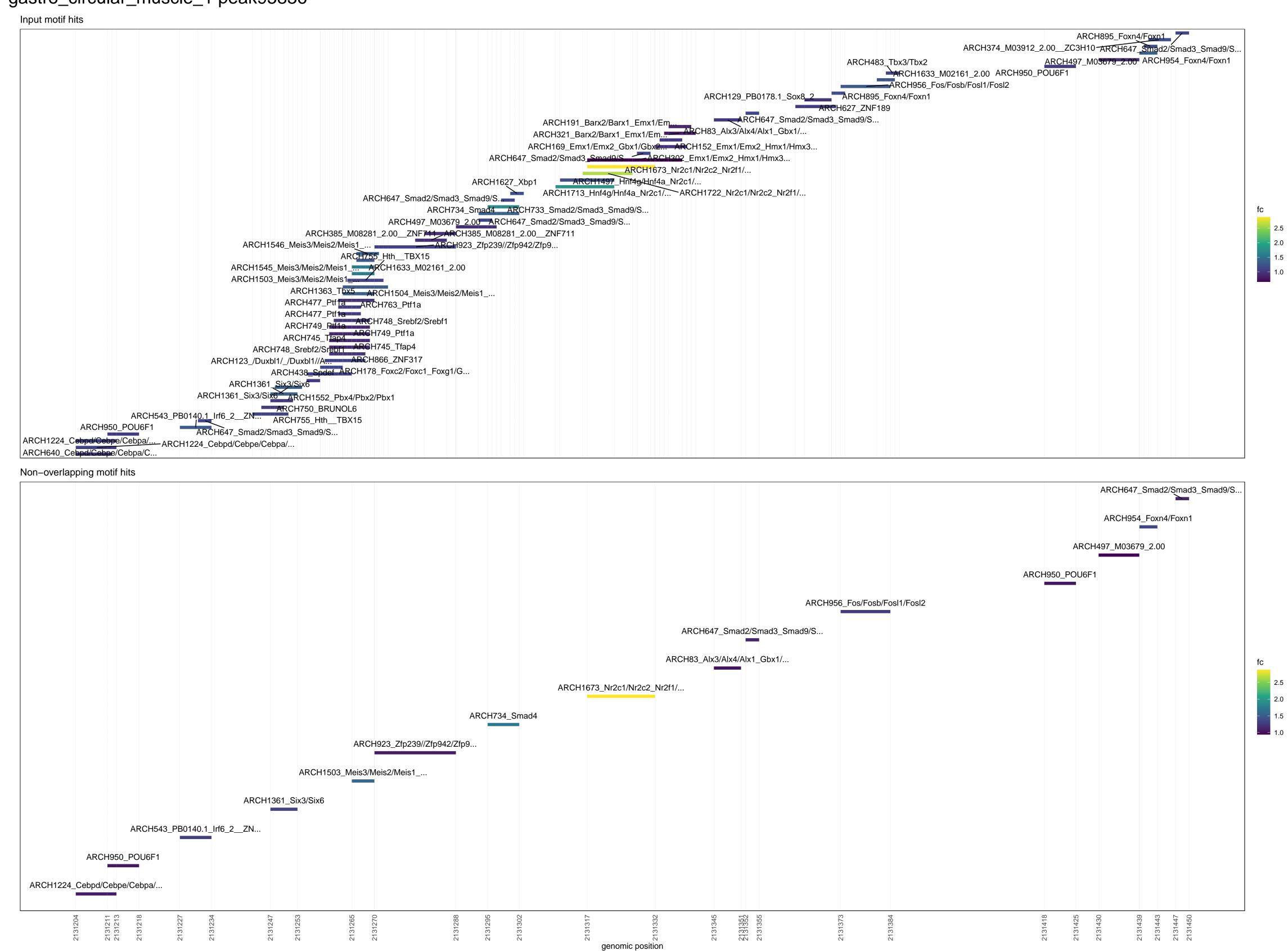


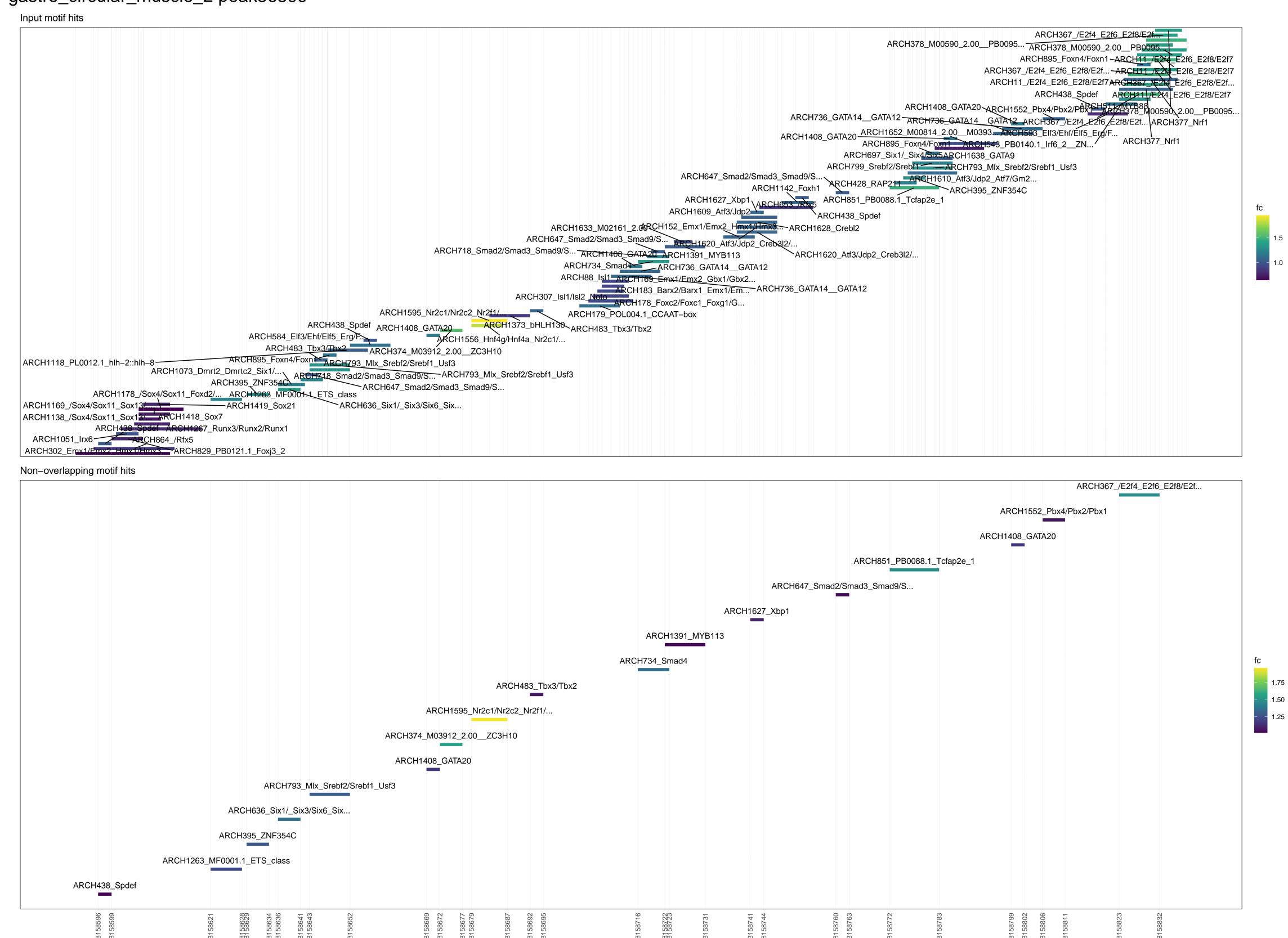


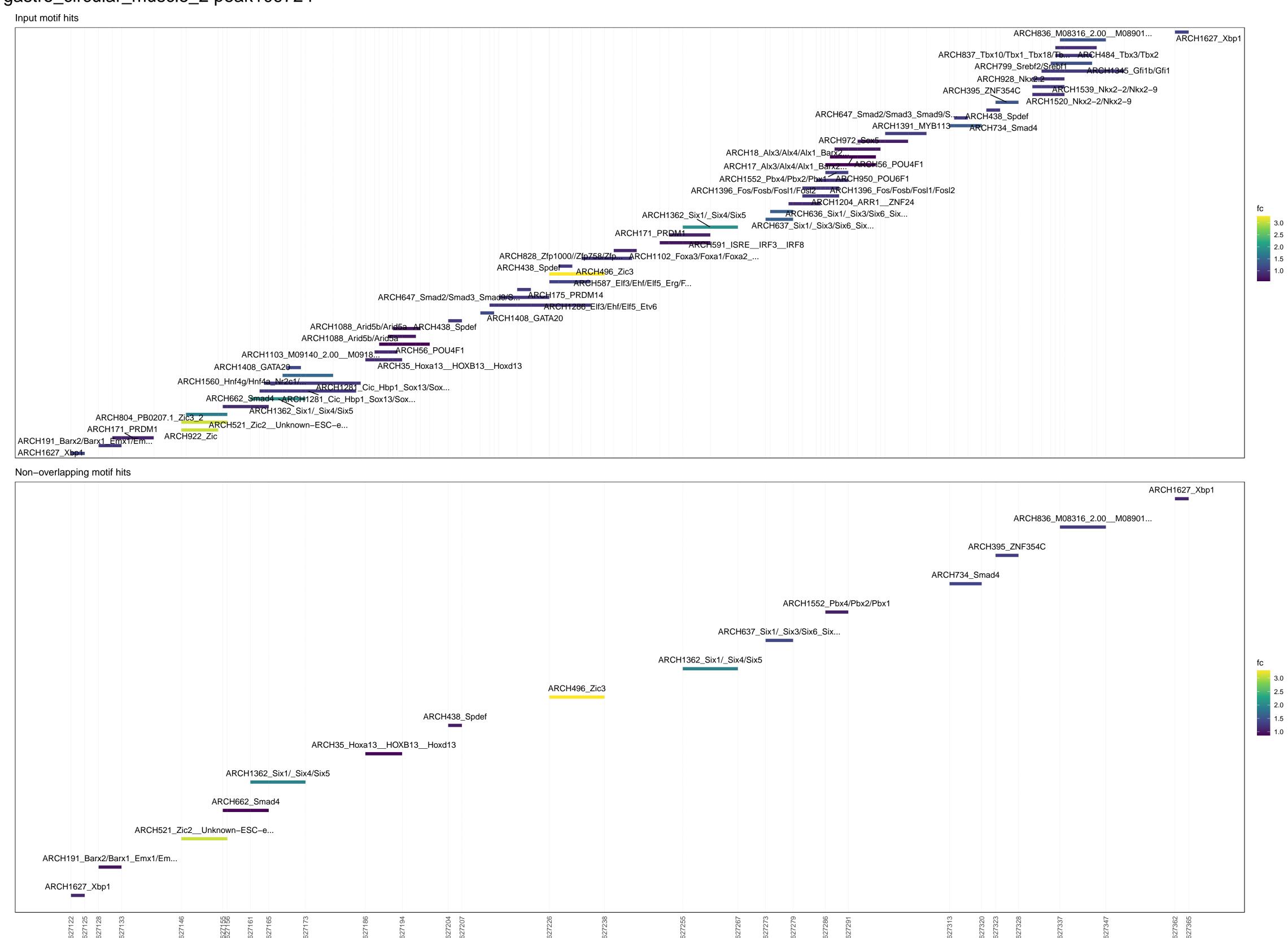
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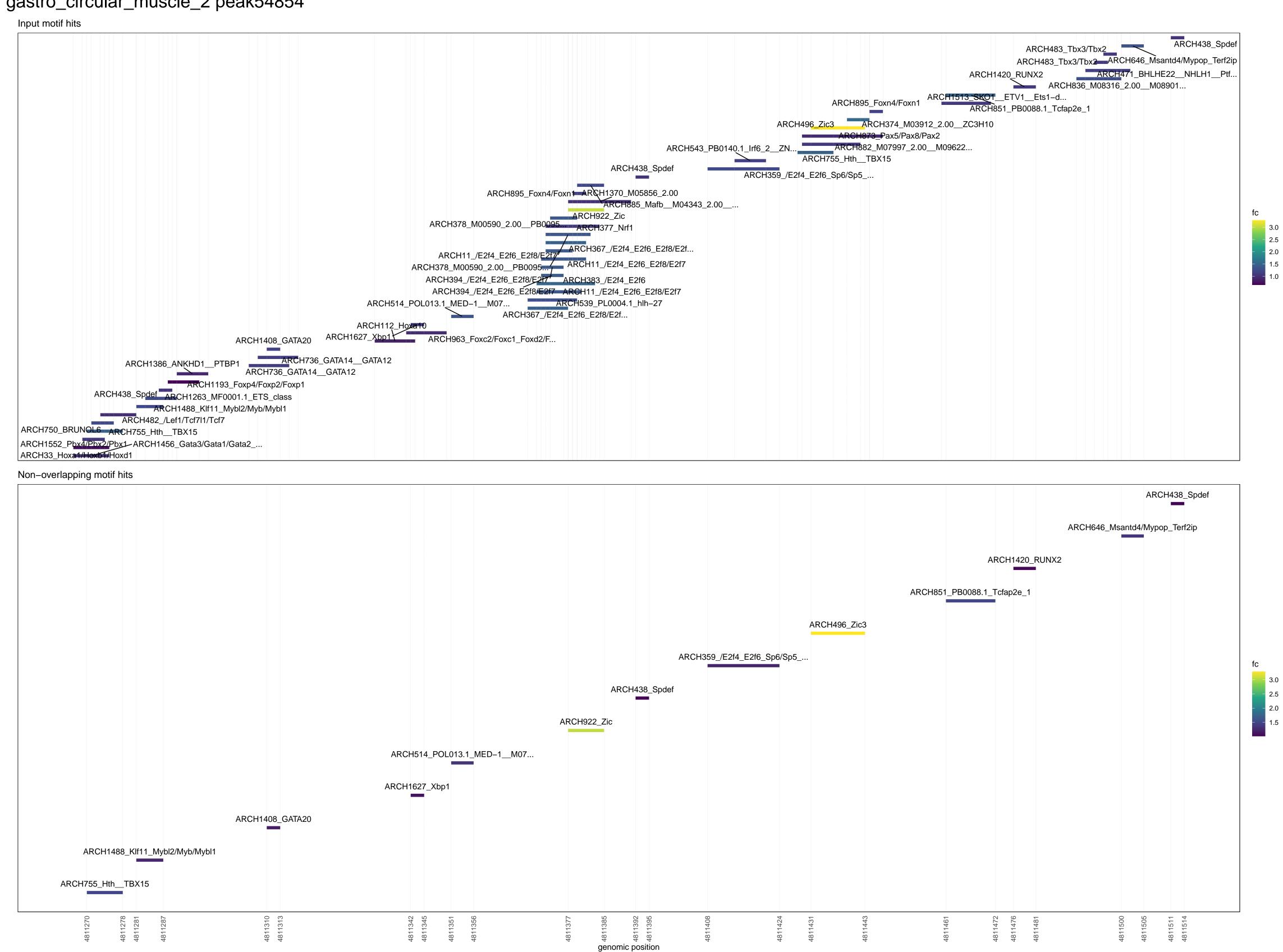
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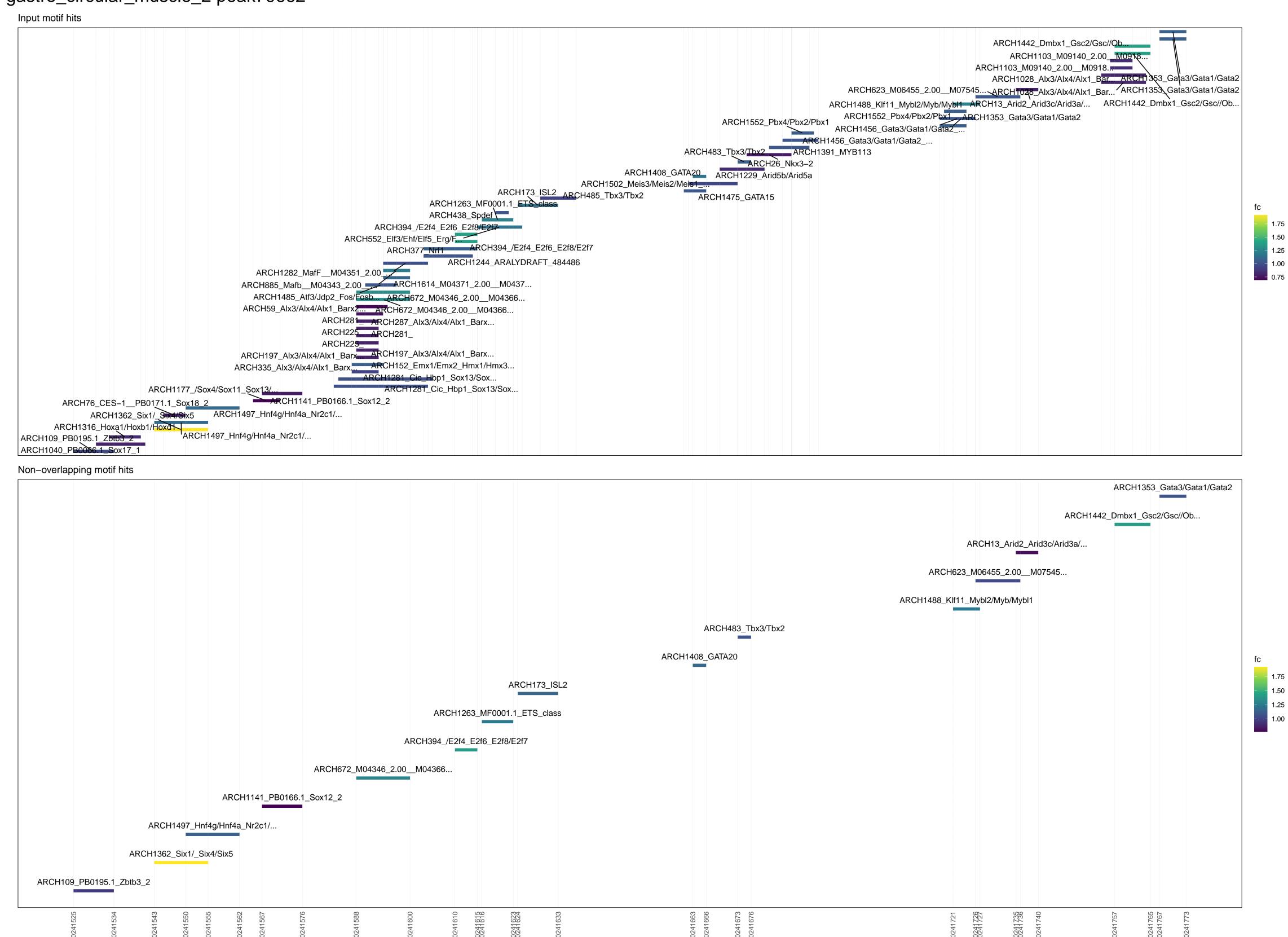


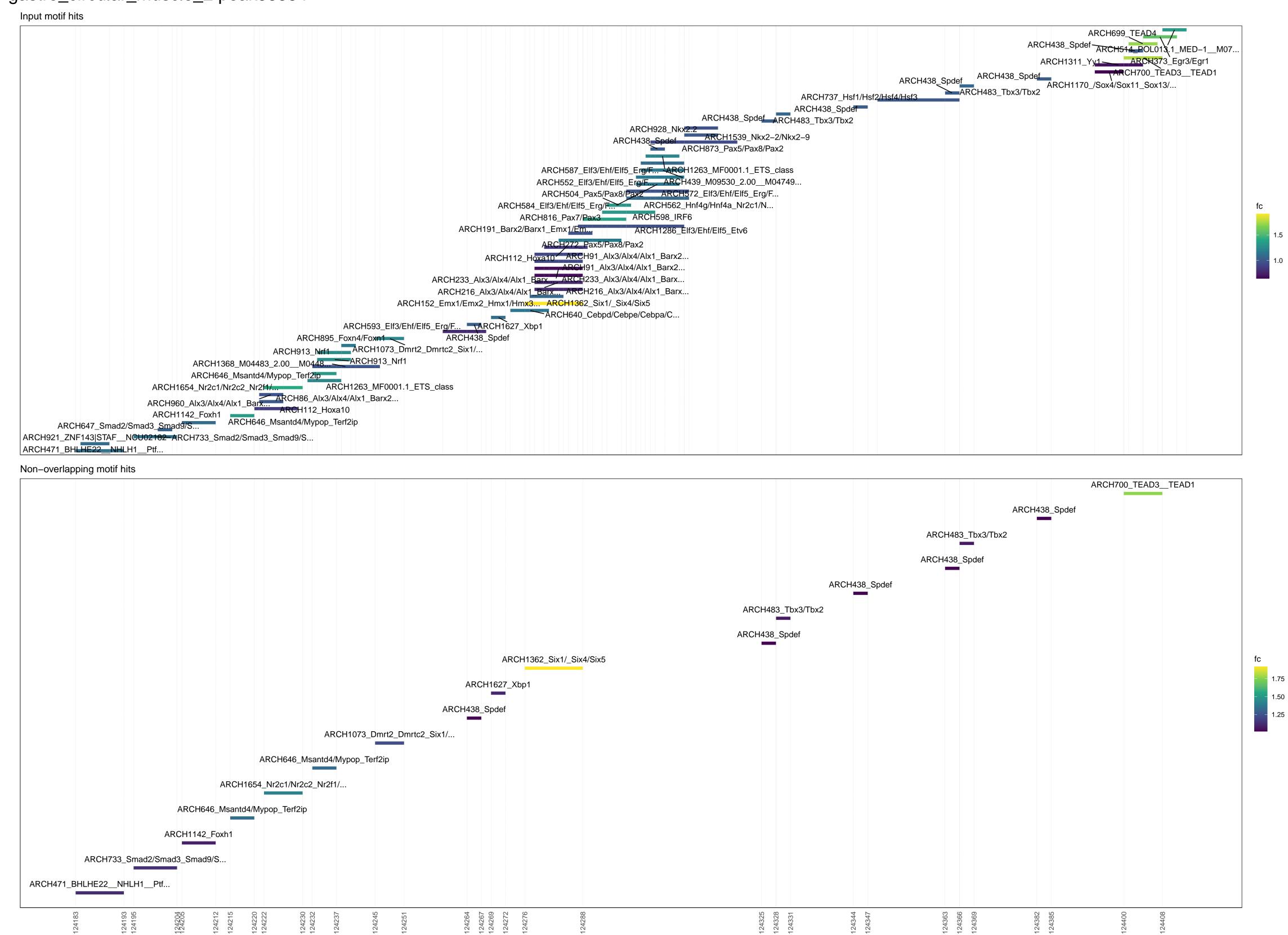


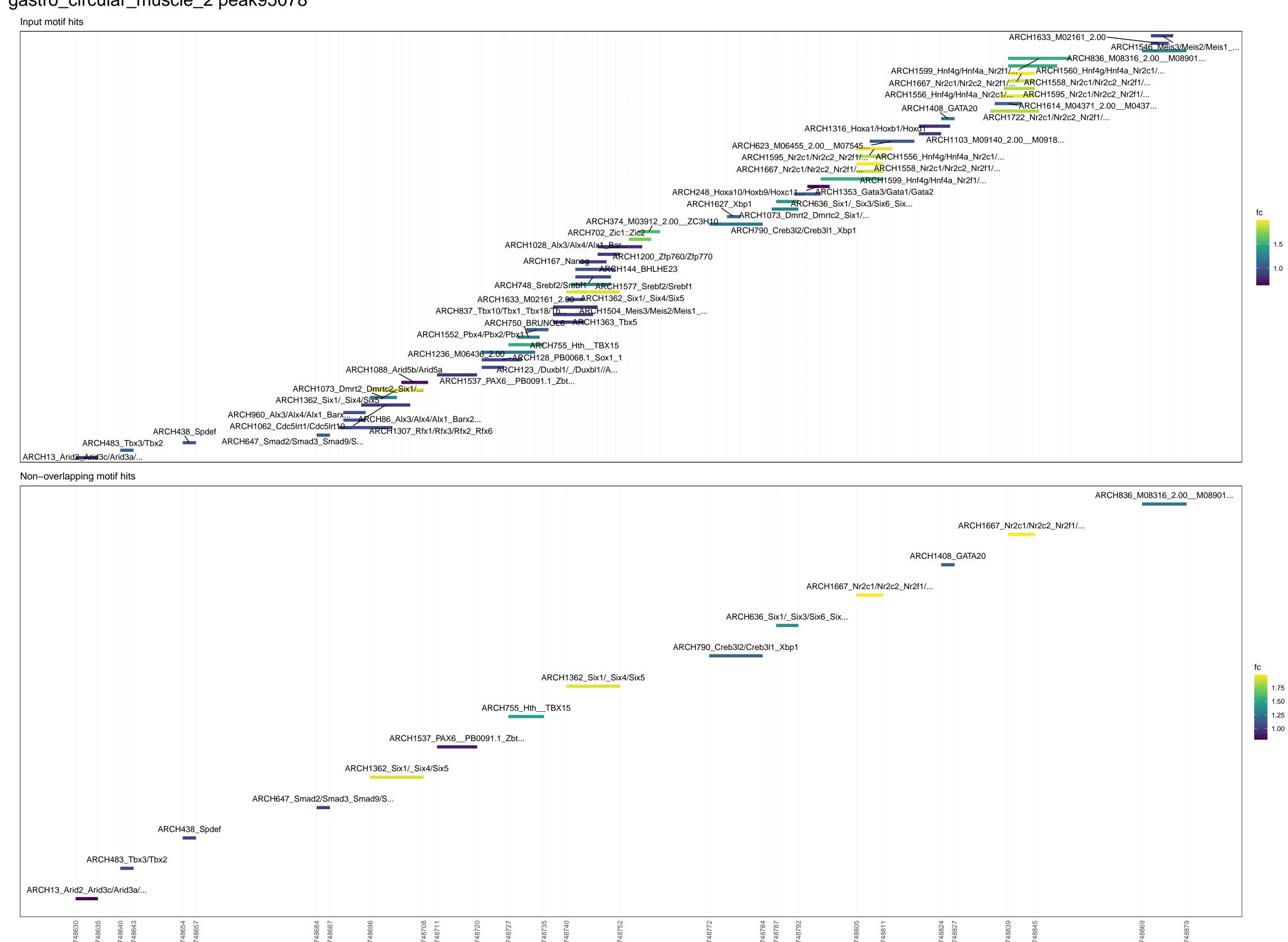


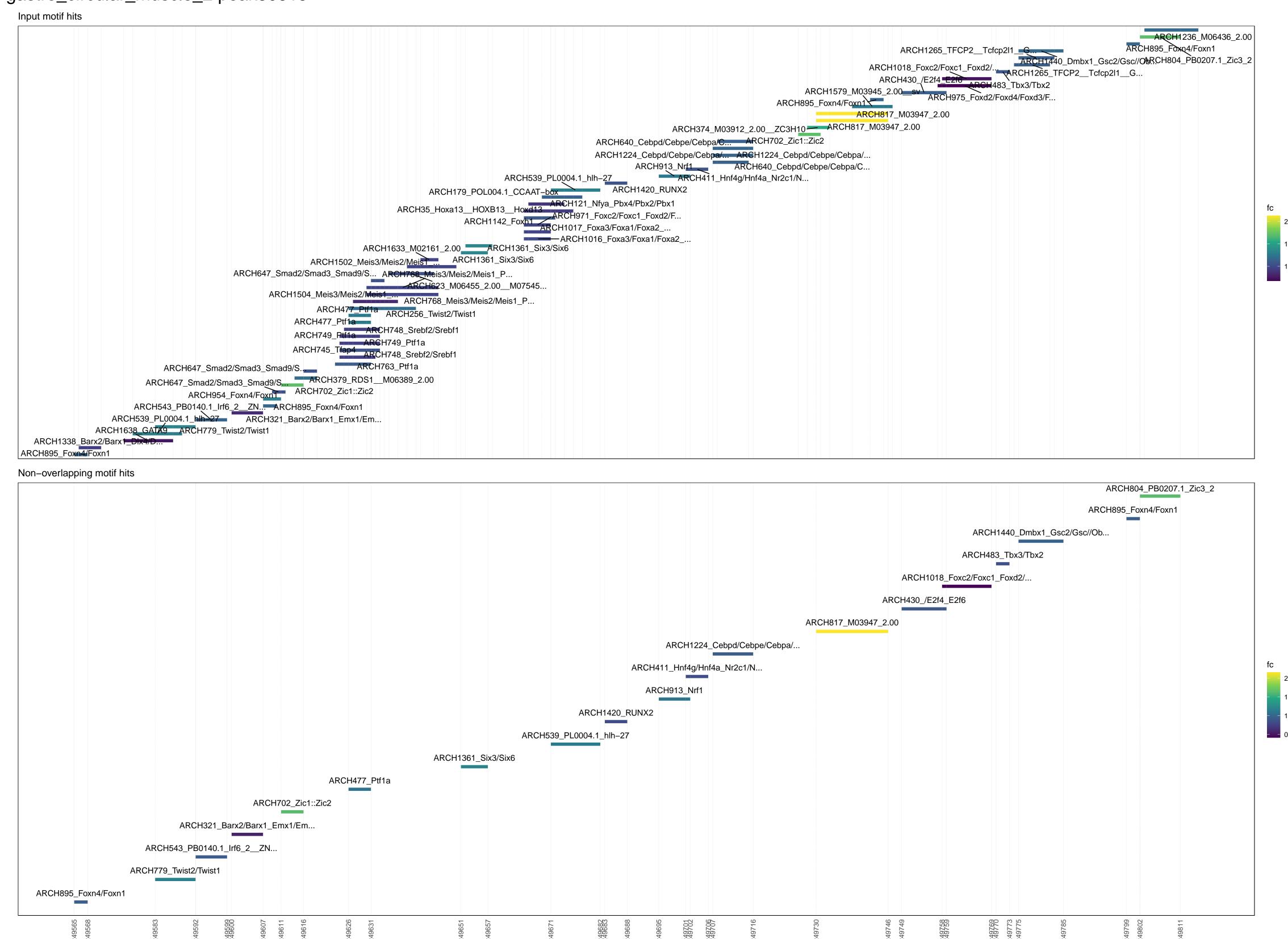


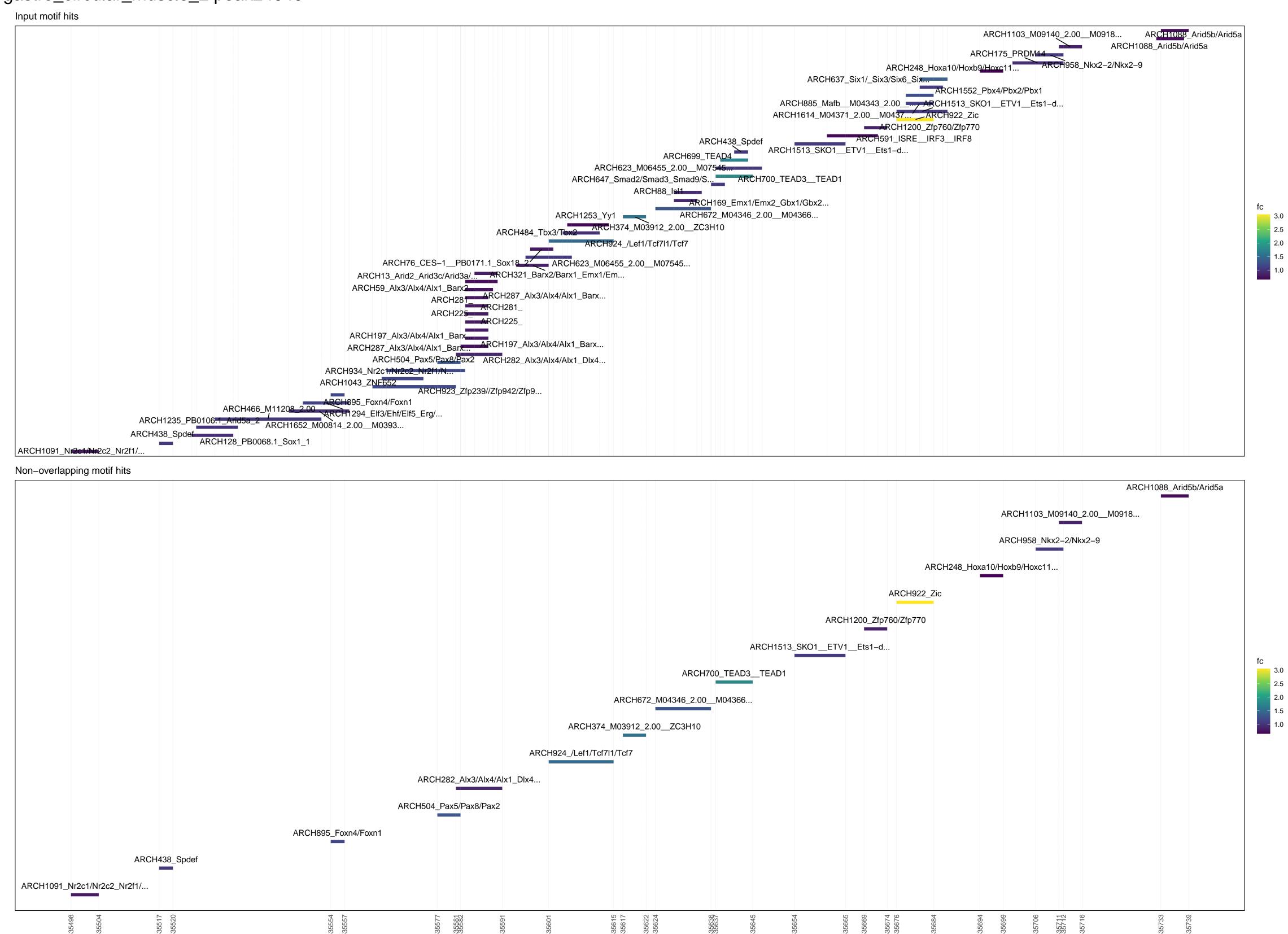
gastro_circular_muscle_2 peak79662 Input motif hits

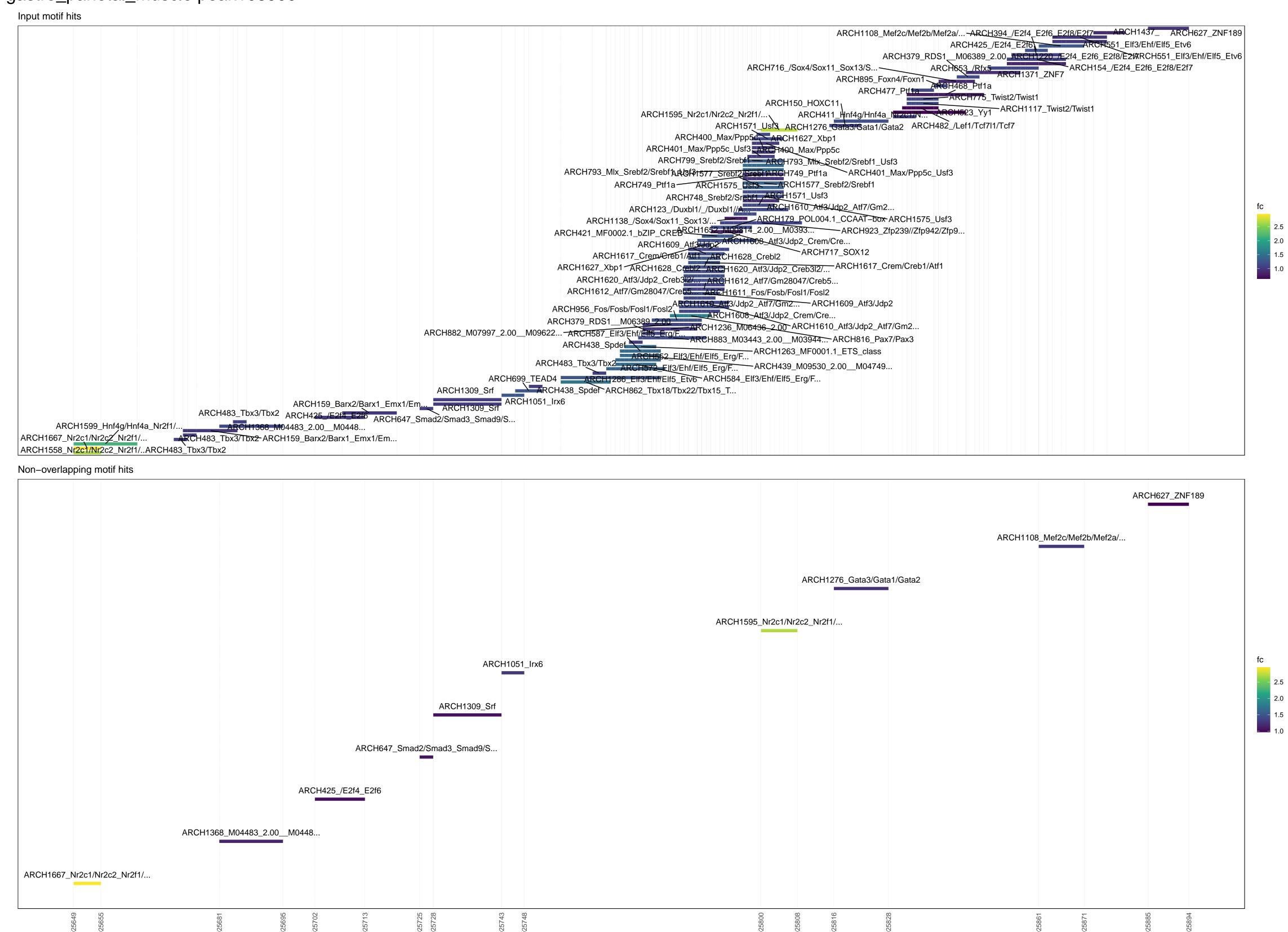












gastro_parietal_muscle peak70750 Input motif hits ARCH1590_Nr2c1/Nr2c2_Nr2f1/..._ARCH895 Foxn4/Foxn1 ARCH1397_RBFox2__OCT:OCT-short< ARCH620_Atf4/Atf5 ARCH1590_Nr2c1/Nr2c2_Nr2f1/... ARCH66_Barx2/Barx1_Dlx4/Dlx... ARCH1579_M03945_2.06 ARCH1135_/Sox4/Sox11_Sox13/... ARCH1667_Nr2c1/Nr2c2_Nr2f1/... ARCH1633_M02161_2-004 ARCH1419_Sox21 ARCH1556_Hnf4g/Hnf4a_Nr2c1/... ARCH1558_Nr2c1/Nr2c2_Nr2f1/... ARCH1654_Nr2c1/Nr2c2_Nr2f1/... **ARCH1647_WRKY71__WRKY55__WR...** ARCH1408_GATA20 ARCH\722_Nr2c1/Nr2c2_Nr2f1/... ARCH430_/E2f4_**E2f6** ARCH425_/E2f4_E2f6 ARCH954_Foxn4/Foxn1 _____ARCH1221_M02960_2.00__M0470... ARCH895_Foxn4/Foxn1 ARCH1220_/E2f4_E2f6_E2f8/E2f7 ARCH1611_Fos/Fosb/Fosl1/Fosl2_ARCH1617_Crem/Creb1/Atf1 ARCH1609_Atf3/Jdp2 ARCH1628_Crebl2_ARCH1620_Atf3/Jdp2_Creb3l2/... ARCH1620_Atf3/Jdp2_Creb3<mark>I2/..._ARC</mark>H1612_Atf7/Gm28047/Creb5... ARCH638_FZF1__MYB55 ARCH1224_Cebpd/Cebpe/Cebpa/.. ARCH1560_Hnf4g/Hnf4a_Nr2c1/.. ARCH1610_Atf3/Jdp2_Atf7/Gm2... ARCH1612_Atf7/Gm28047/Creb5... ARCH1667_Nr2c1/Nr2c2_Nr2f1/... ARCH646_Msantd4/Mypop_Terf2ip ARCH1654_Nr2c1/Nr2c2_Nr2f1/..._ARCH1558_Nr2c1/Nr2c2_Nr2f1/... ARCH1722_Nr2c1/Nr2c2_N<mark>r2f1/..._AR</mark>CH1595_Nr2c1/Nr2c2_Nr2f1/... ARCH1697_Nr2c1/Nr2c2_Nr2f1/...-ARCH1697_Nr2c1/Nr2c2_Nr2f1/... ARCH867_ZEB1__PL0011.1_hlh=... ARCH1539_Nkx2=2/Nkx2=9 ARCH816_Pax7/Pax3 ARCH895_Foxn4/Foxn1 ARCH861_Scrt2/Scrt1 ARCH913_Nrf1 ARCH873_Pax5/Pax8/Pax2 ARCH438_Spdef ARCH647_Smad2/Smad3_Smad9/S... ARCH1132_M06398_2.00 ARCH353_M06062_2.00__M06468... ARCH1193_Foxp4/Foxp2/Foxp4RcH1206_M08277_2.00__M0885ARCH64_Arid2_Arid3c/Arid3a/.. ARCH1193_Foxp4/Foxp2/Foxp1 ARCH1193_Foxp4/Foxp2/Foxp1 ARCH620_Atf4/Atf5 ARCH1265_TFCP2__Tcfcp2l1__G... ARCH1620_Atf3/Sdp2_Creb3l2/...\ARCH1159_/Lef1/Tcf7l1/Tcf7 ARCH1609_Atf3/Jdp2 Non-overlapping motif hits ARCH1590_Nr2c1/Nr2c2_Nr2f1/... ARCH1579_M03945_2.00__sv ARCH1667_Nr2c1/Nr2c2_Nr2f1/... ARCH1408_GATA20 ARCH433_/E2f4_E2f6 ARCH1617_Crem/Creb1/Atf1 ARCH638_FZF1__MYB55 ARCH1667_Nr2c1/Nr2c2_Nr2f1/...

2.5 2.0

1.5

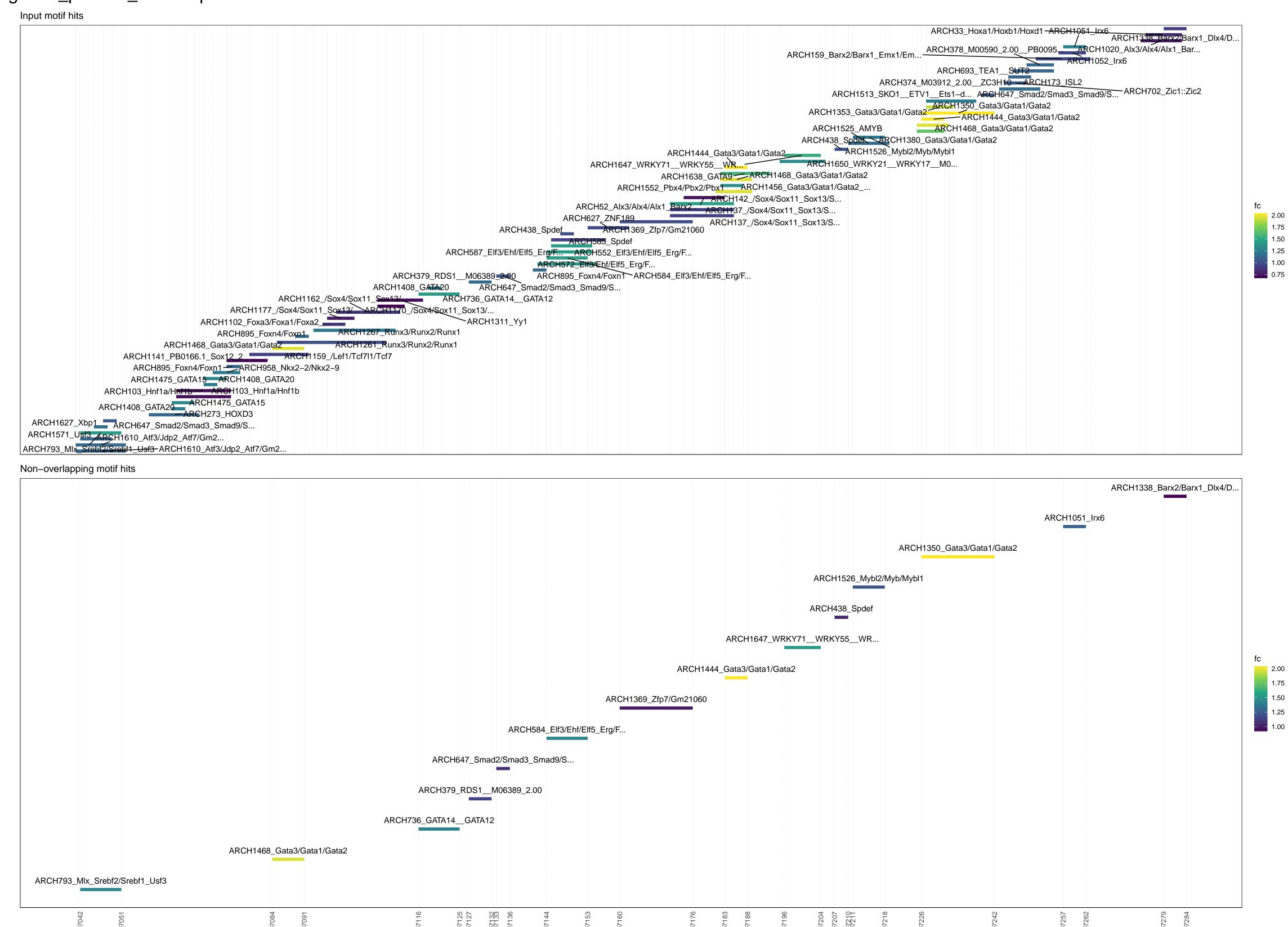
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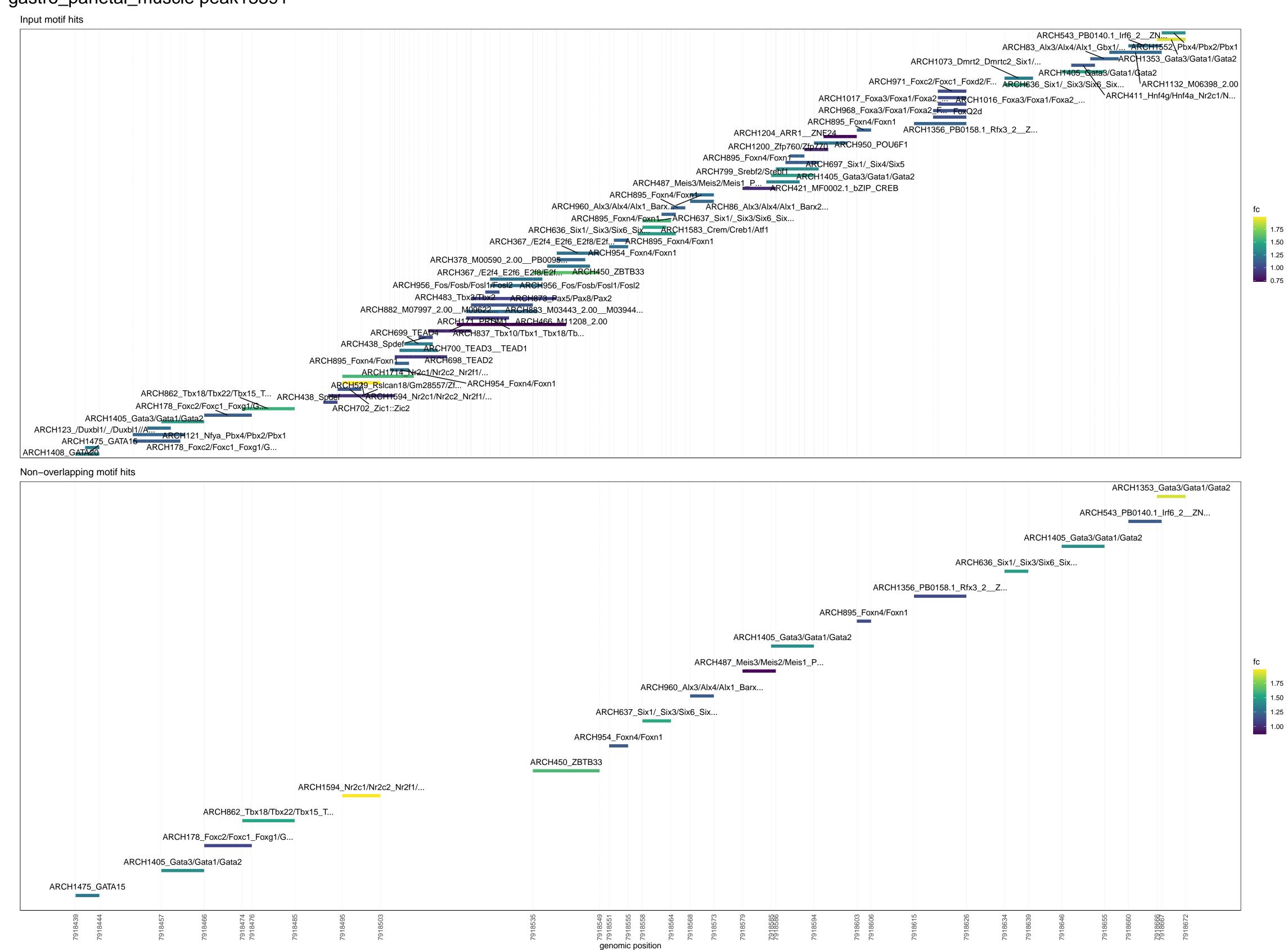
2.5

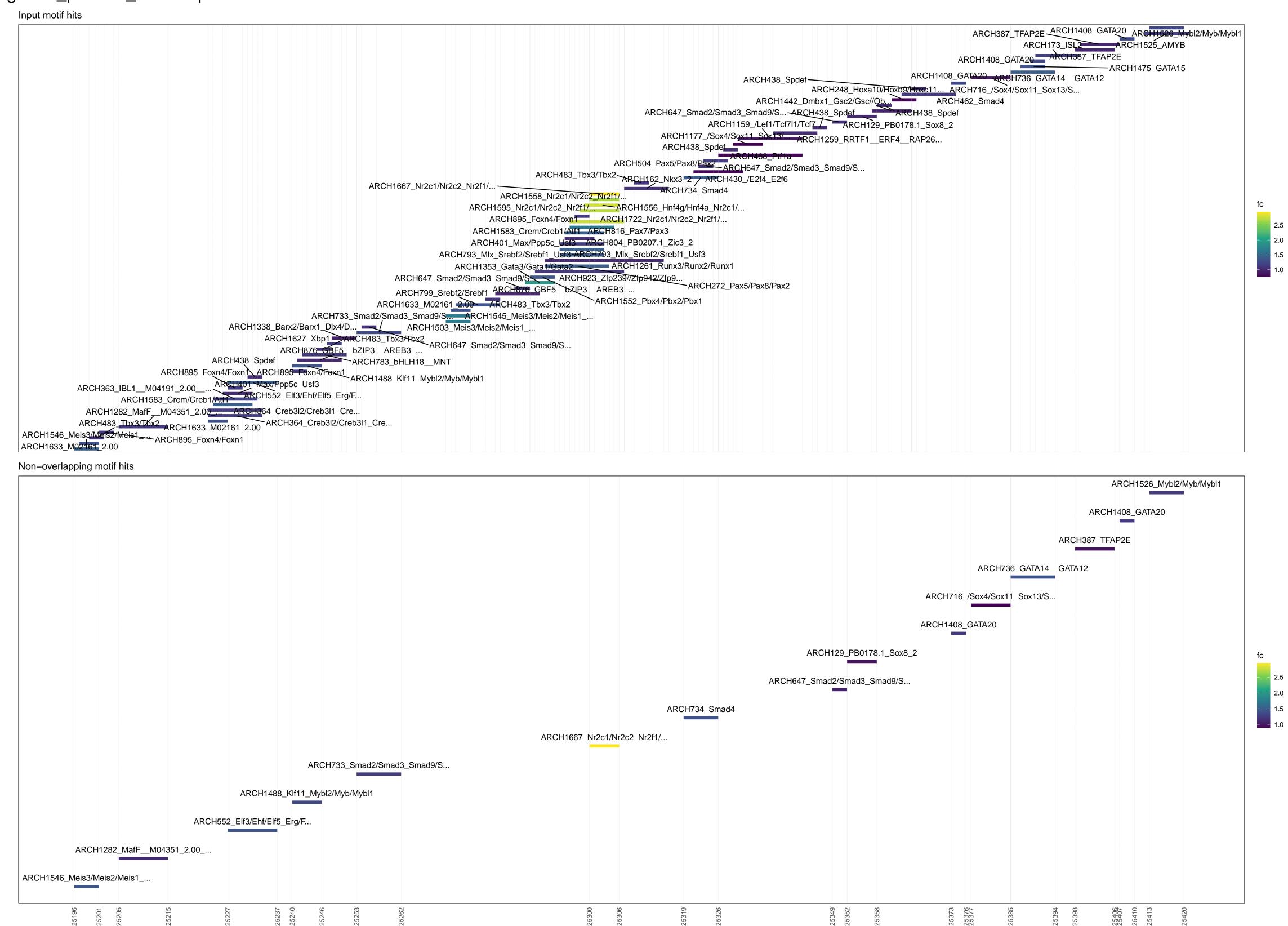
ARCH647_Smad2/Smad3_Smad9/S...

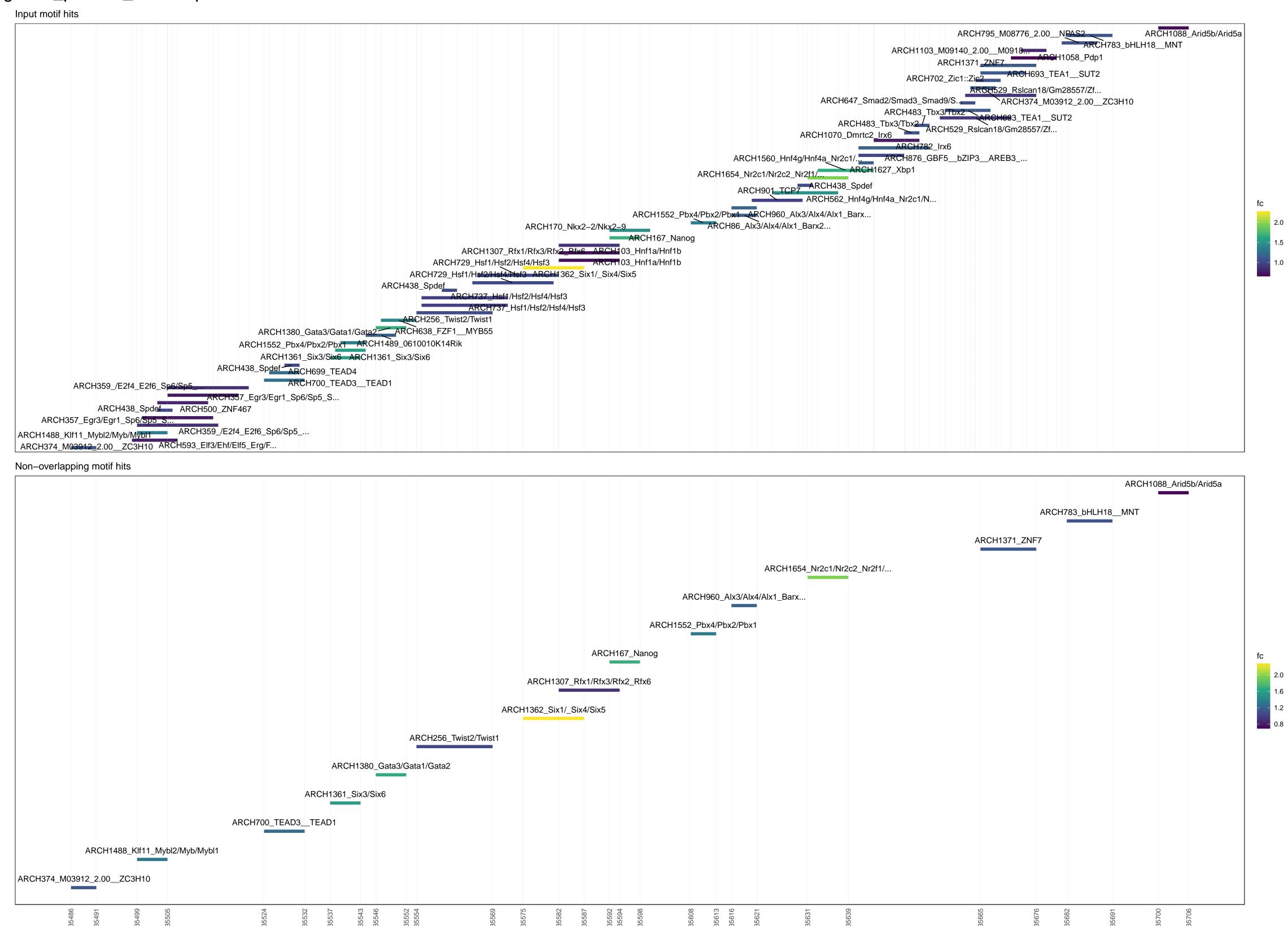
ARCH1132_M06398_2.00

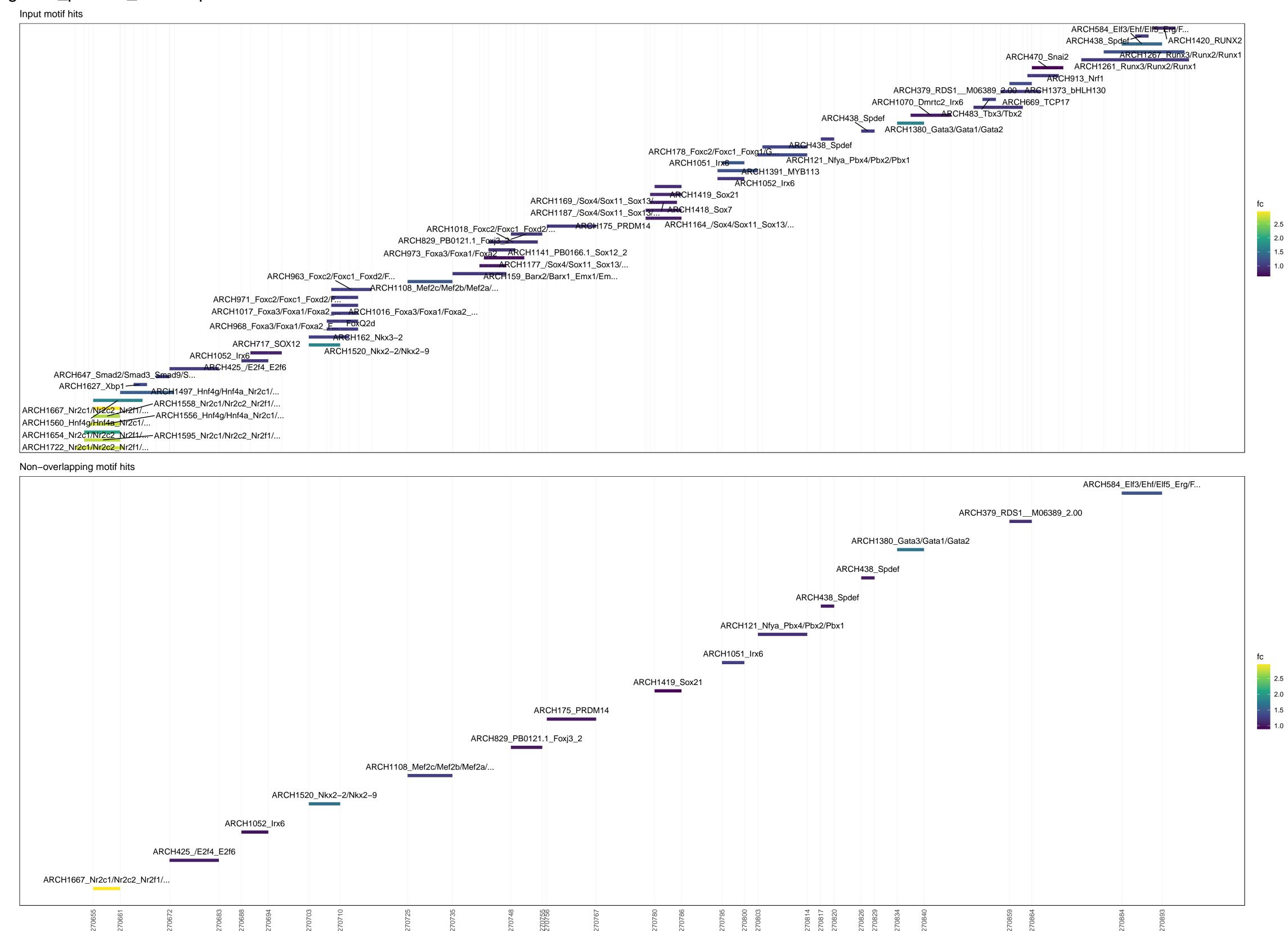
ARCH1609_Atf3/Jdp2





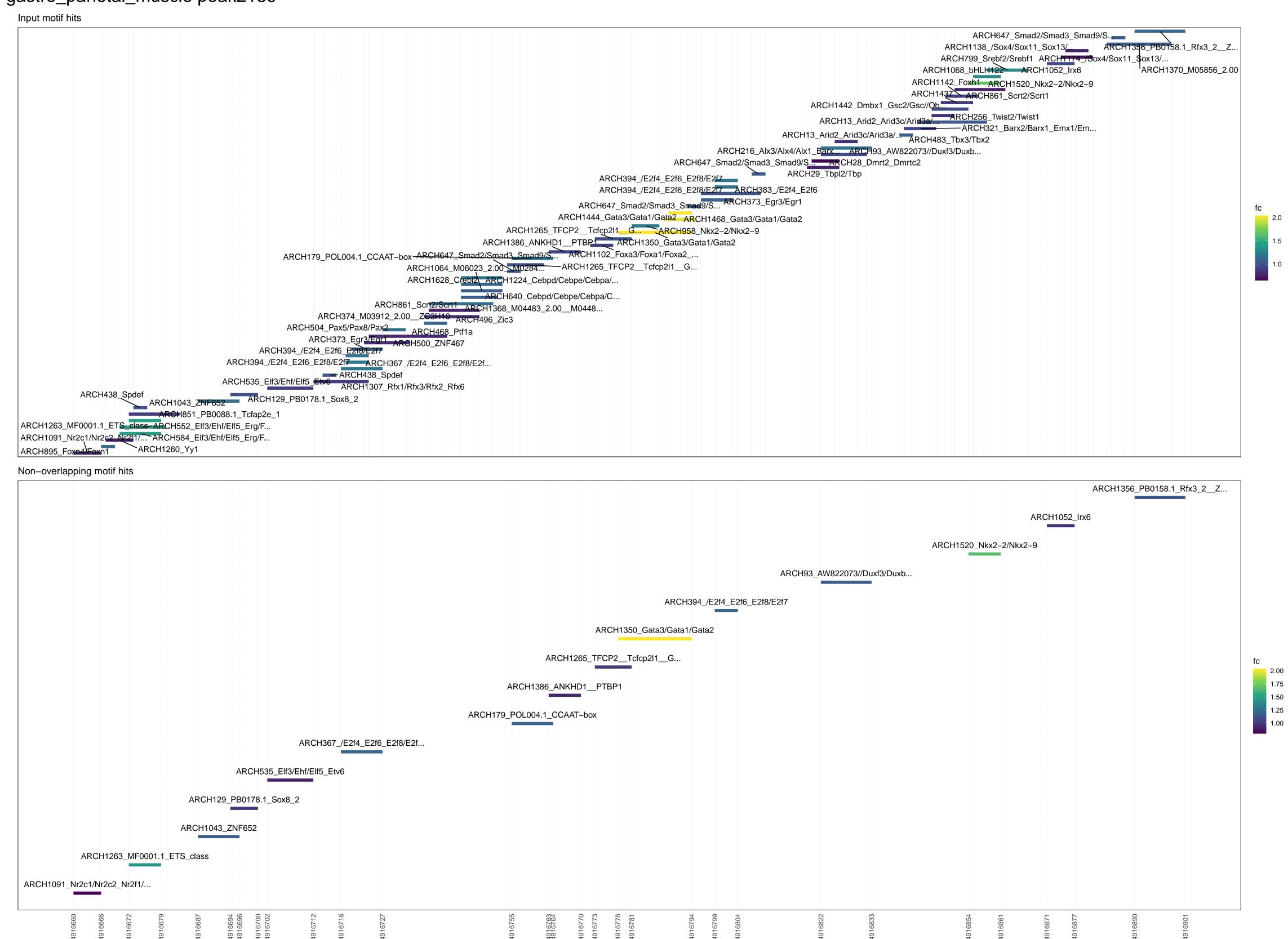


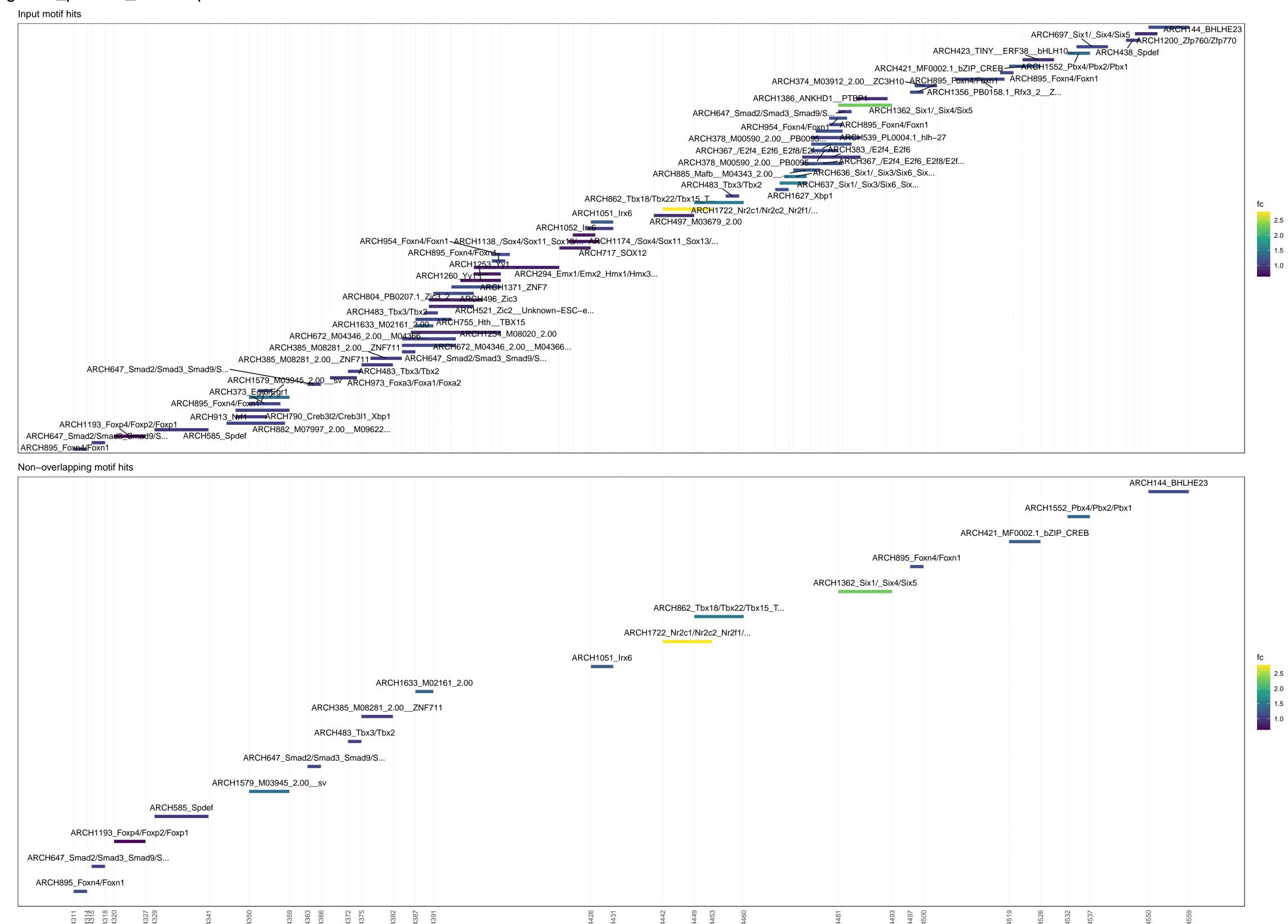


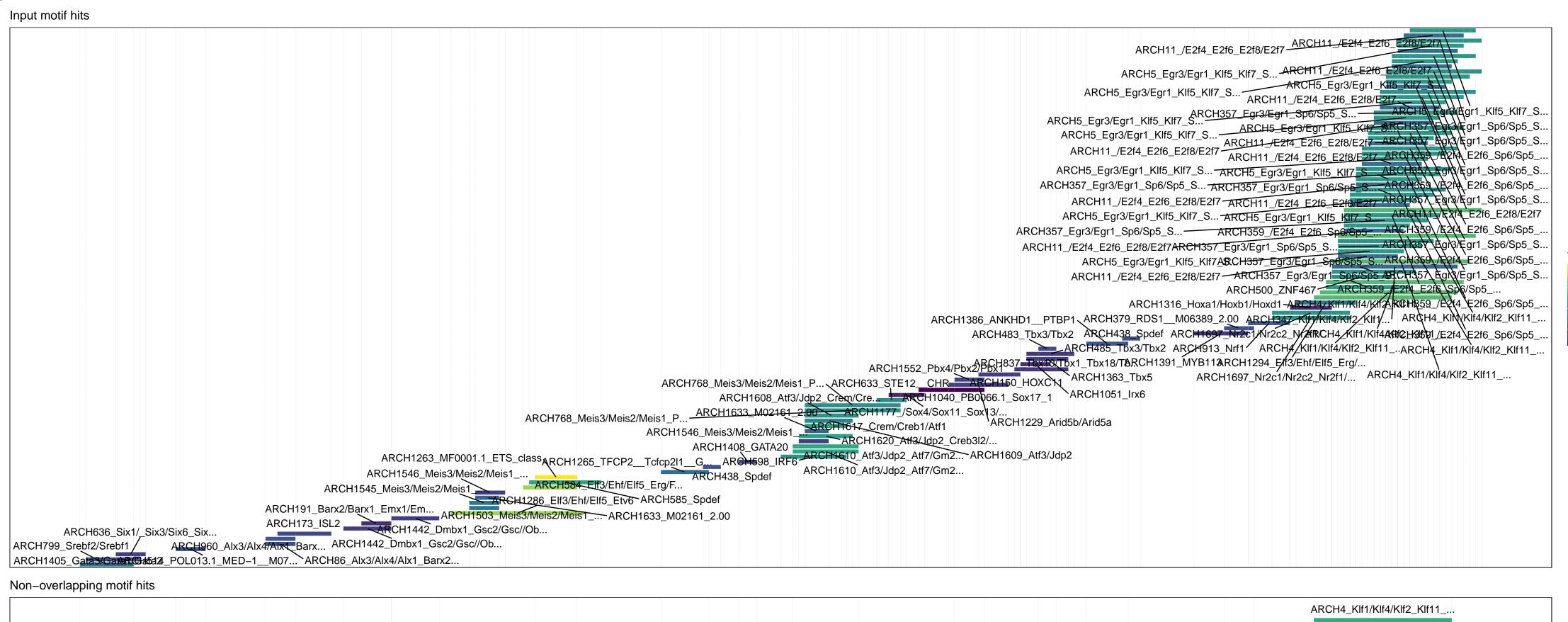


1.75

1.50

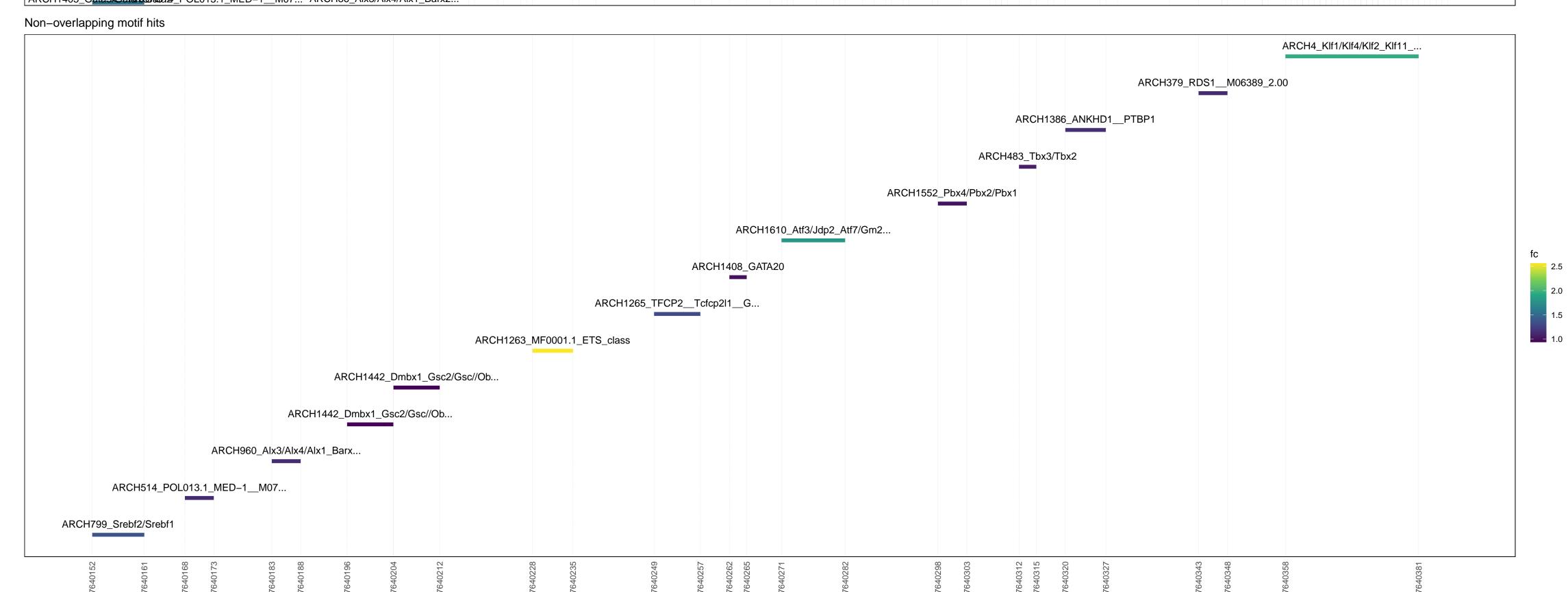


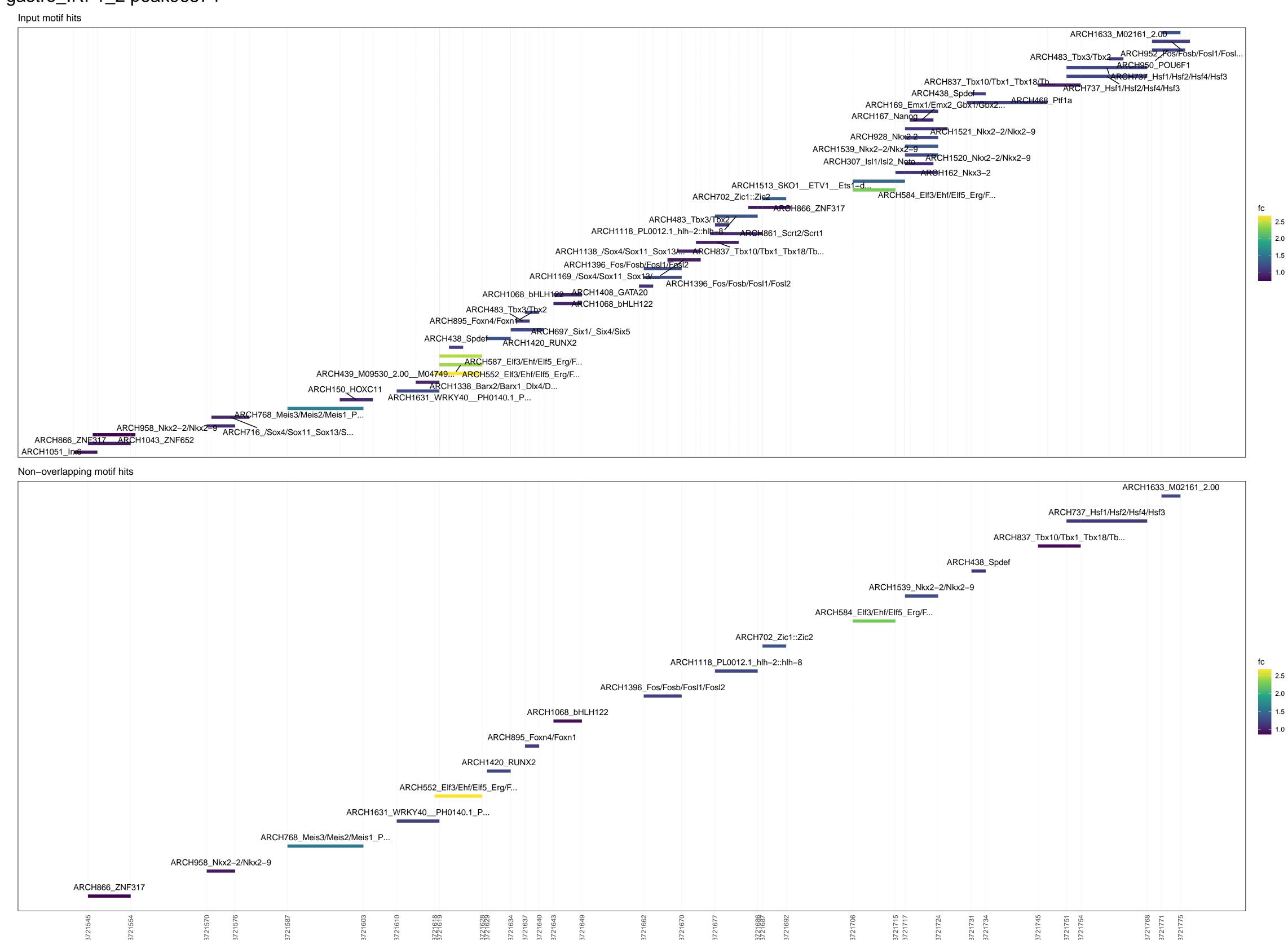


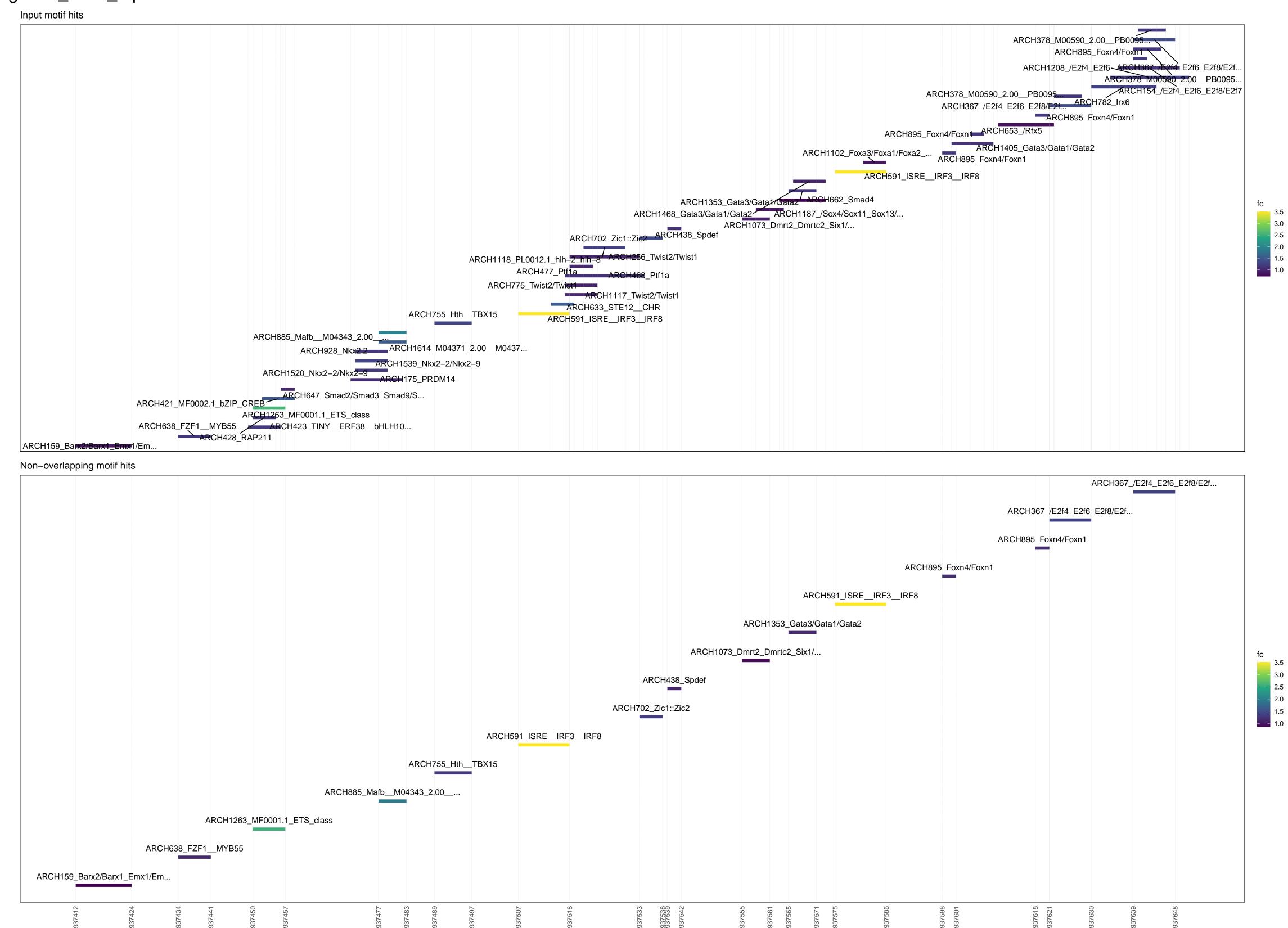


2.5

2.0





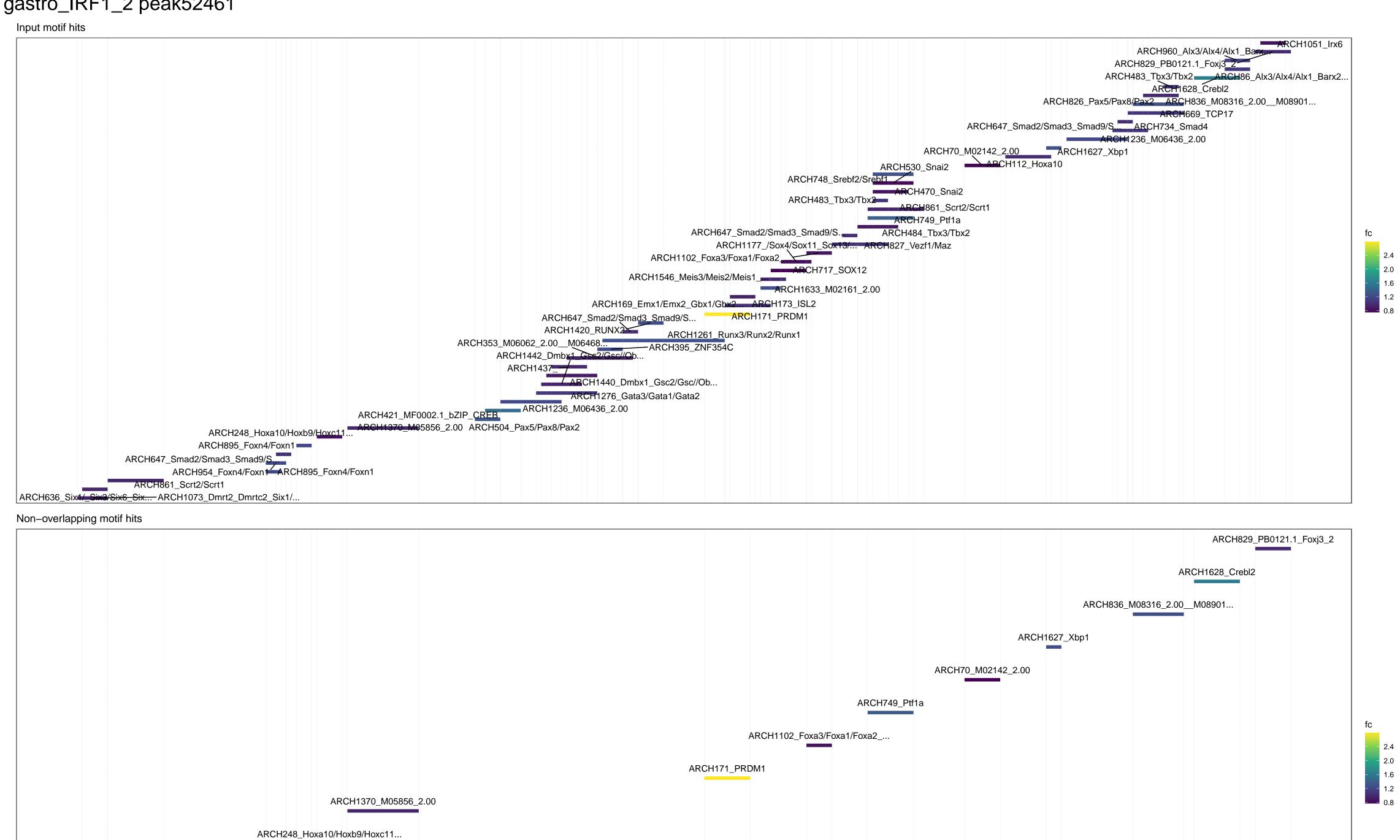


ARCH895_Foxn4/Foxn1

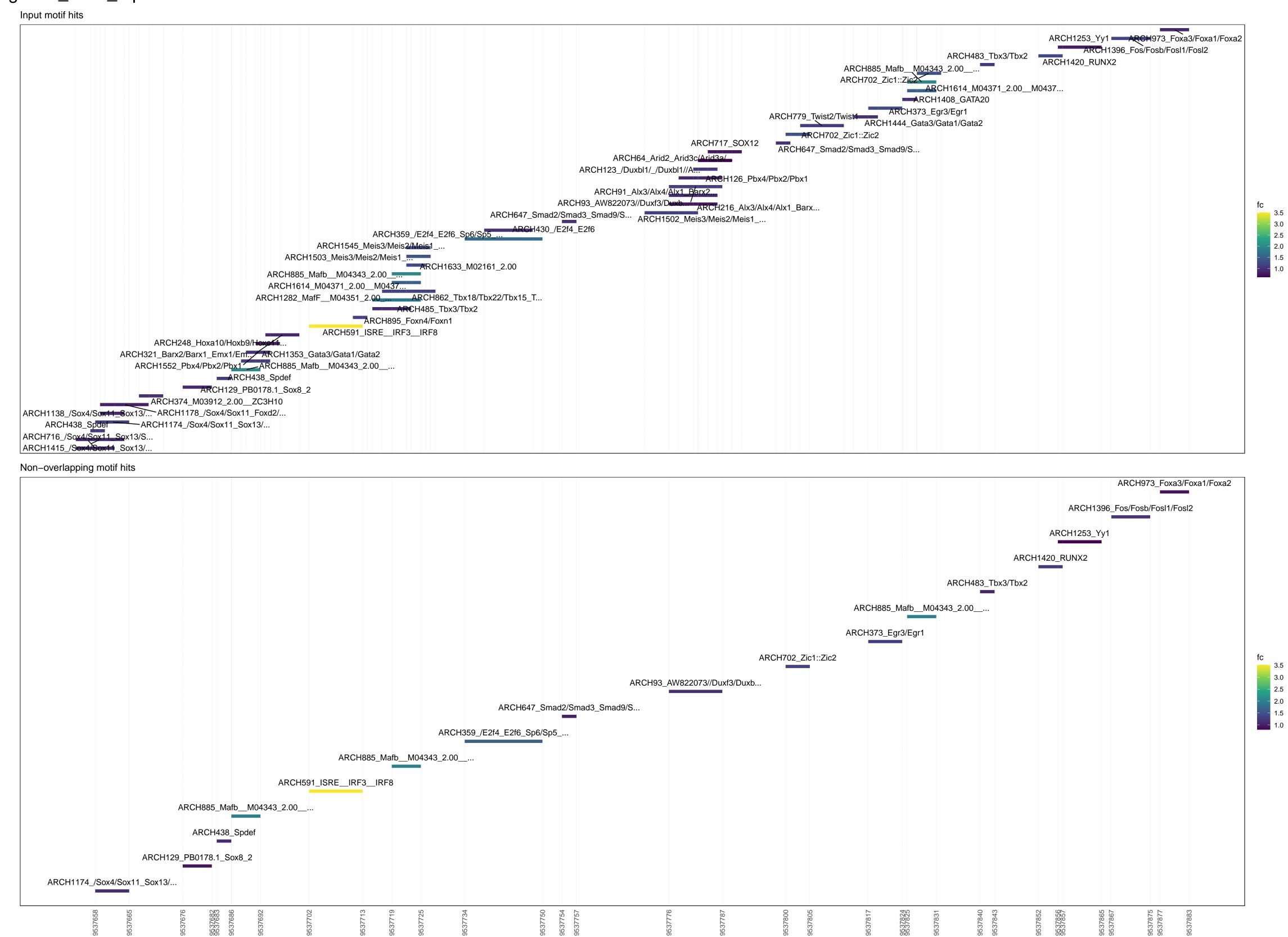
ARCH954_Foxn4/Foxn1

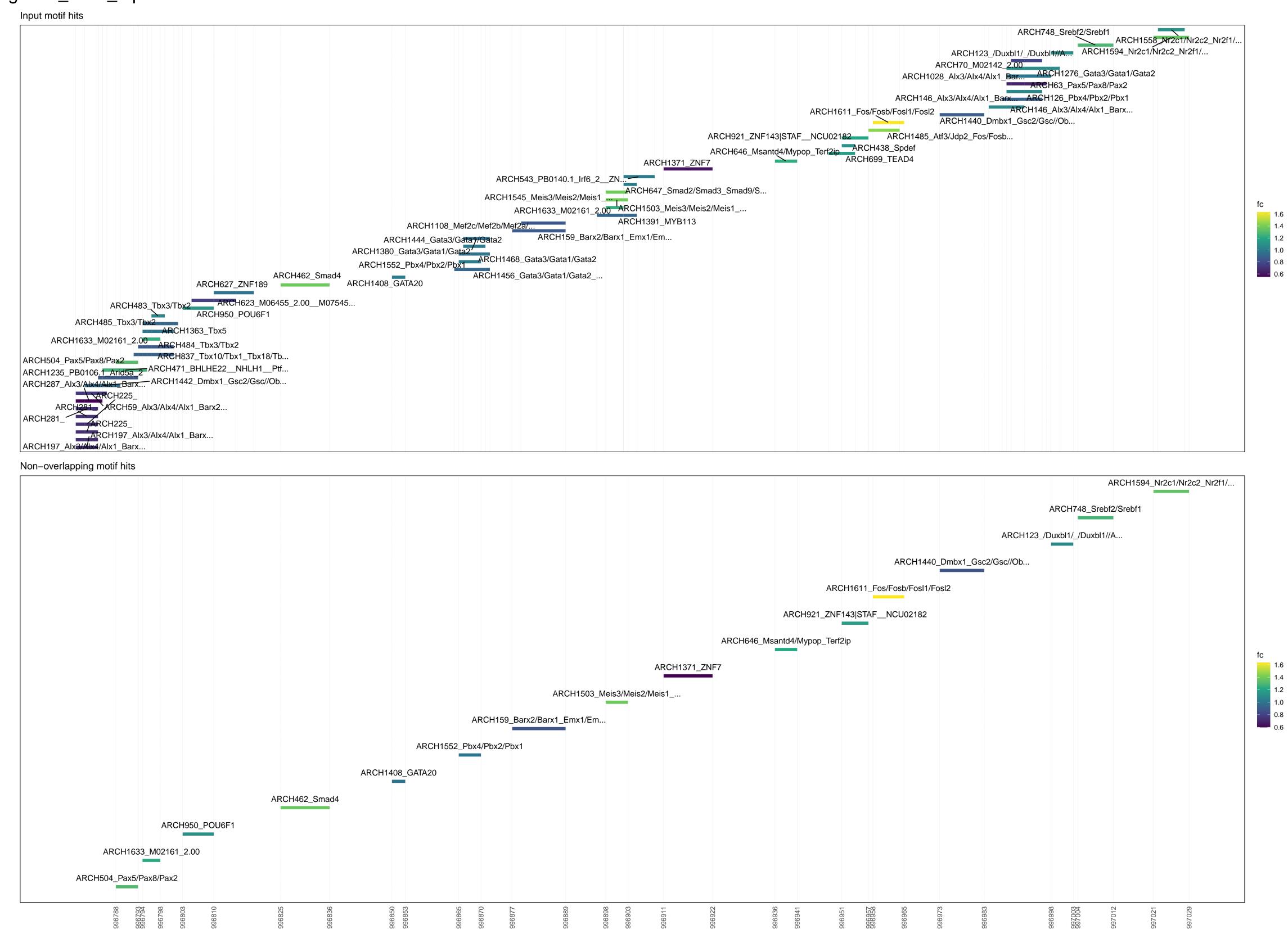
ARCH861_Scrt2/Scrt1

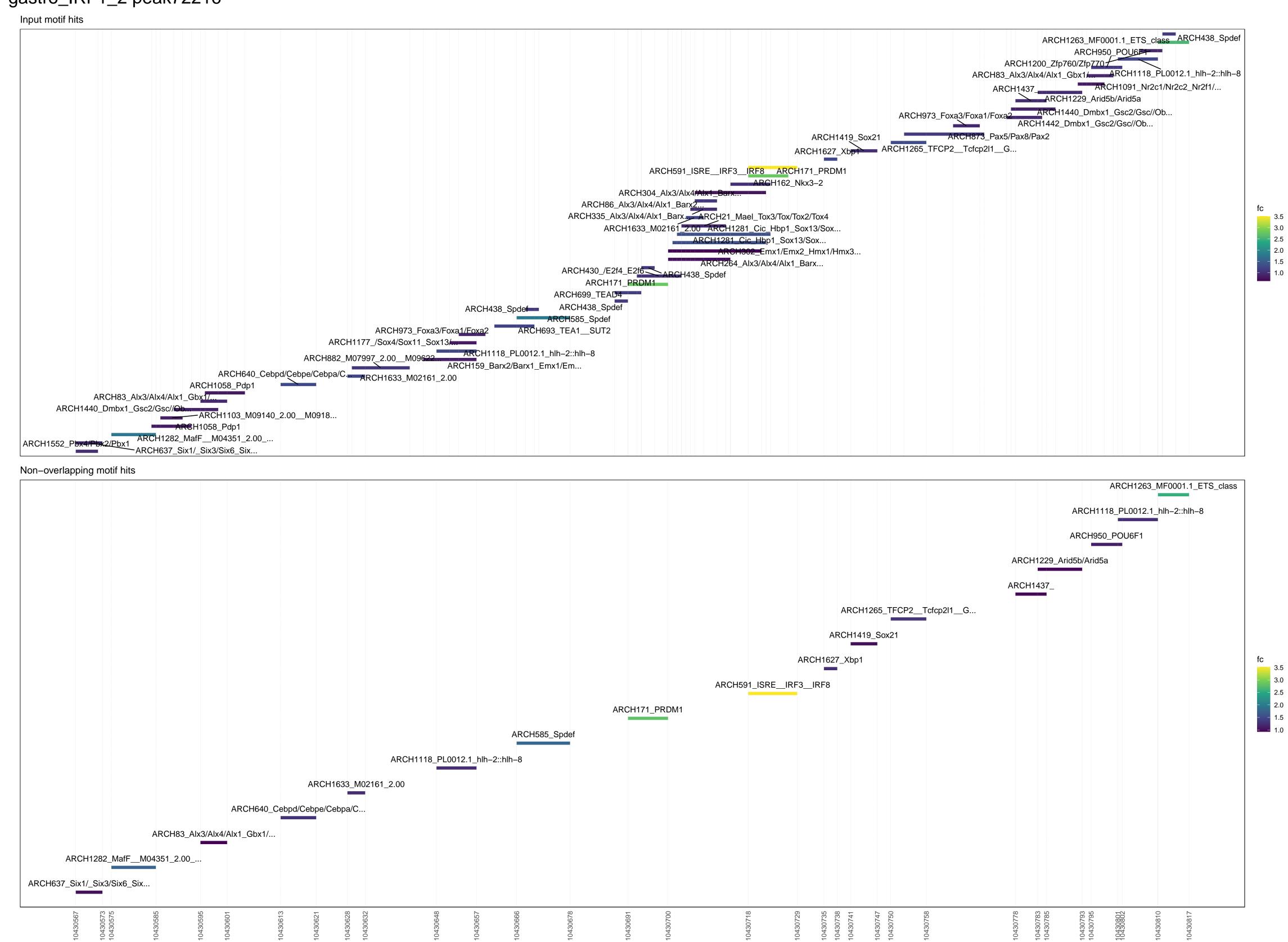
ARCH636_Six1/_Six3/Six6_Six...

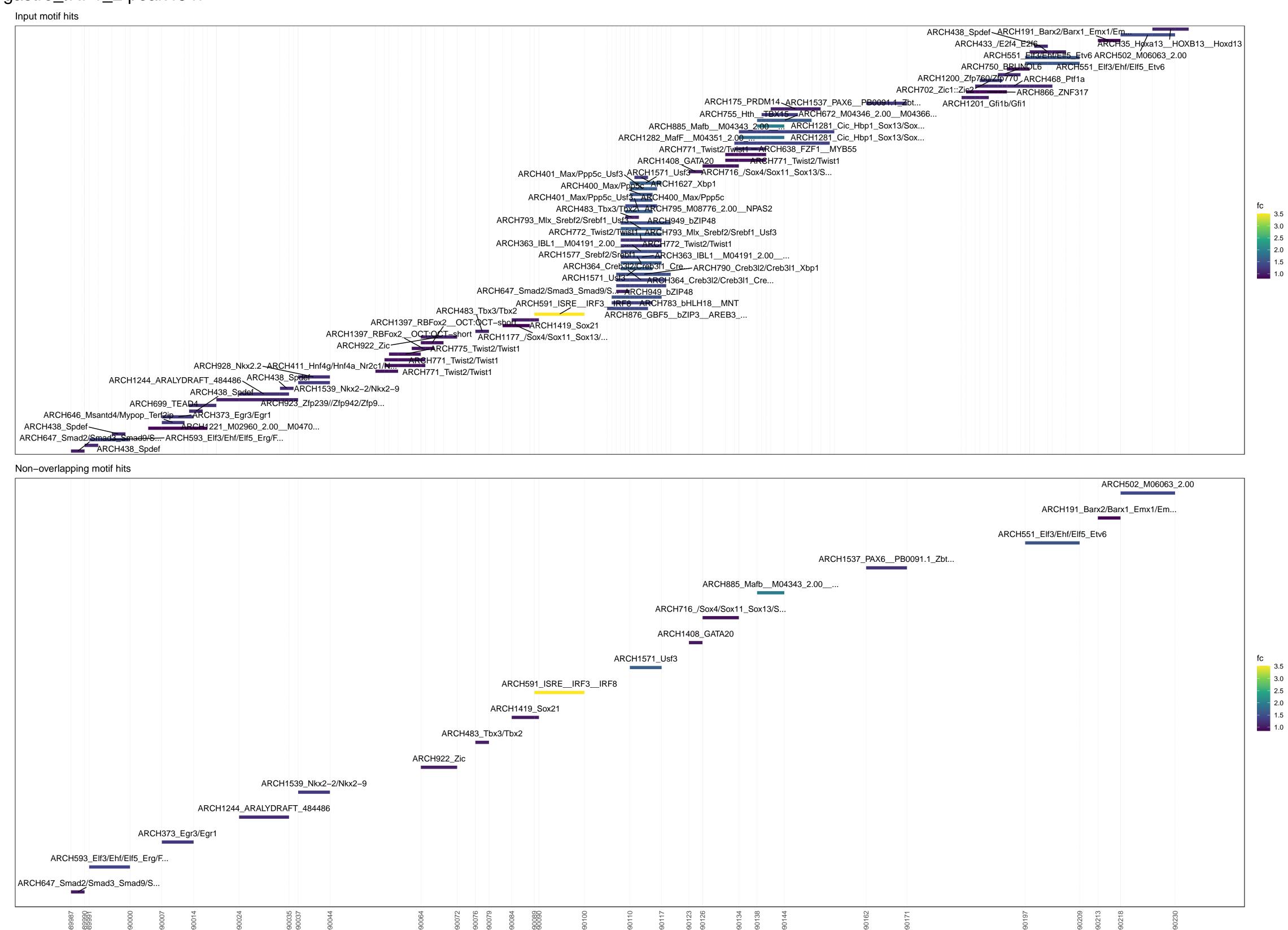


1.2

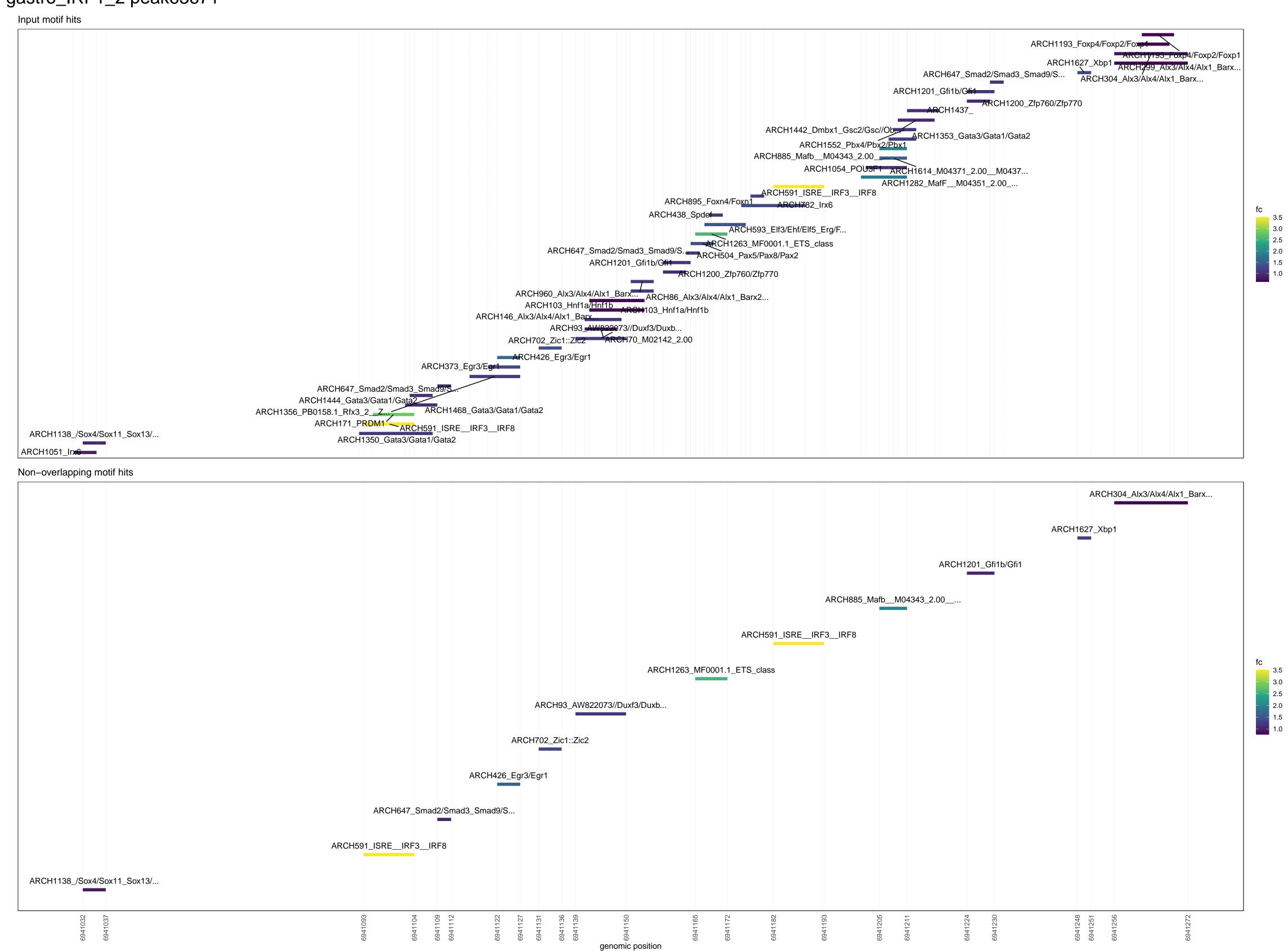




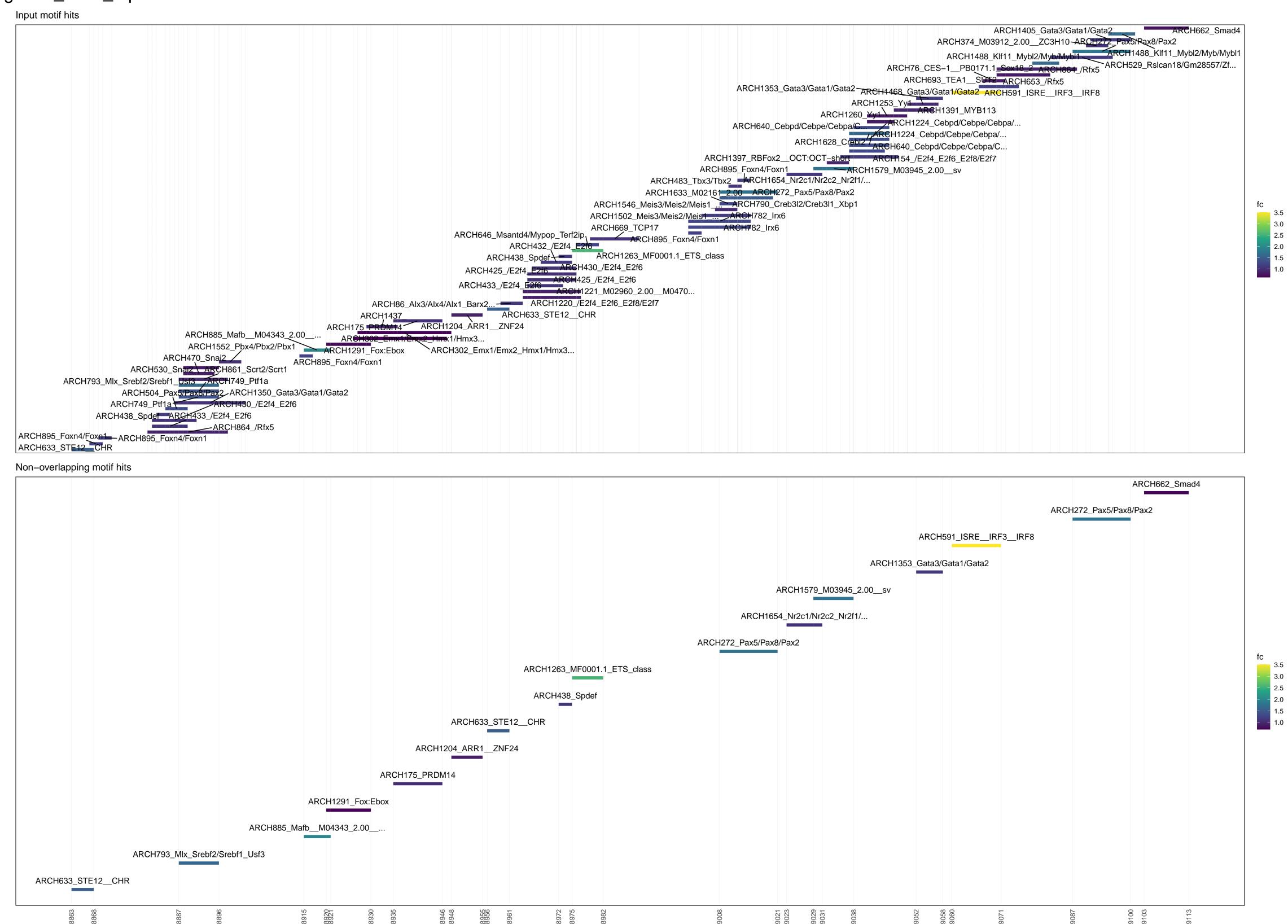




gastro_IRF1_2 peak63671



gastro_IRF1_2 peak36690



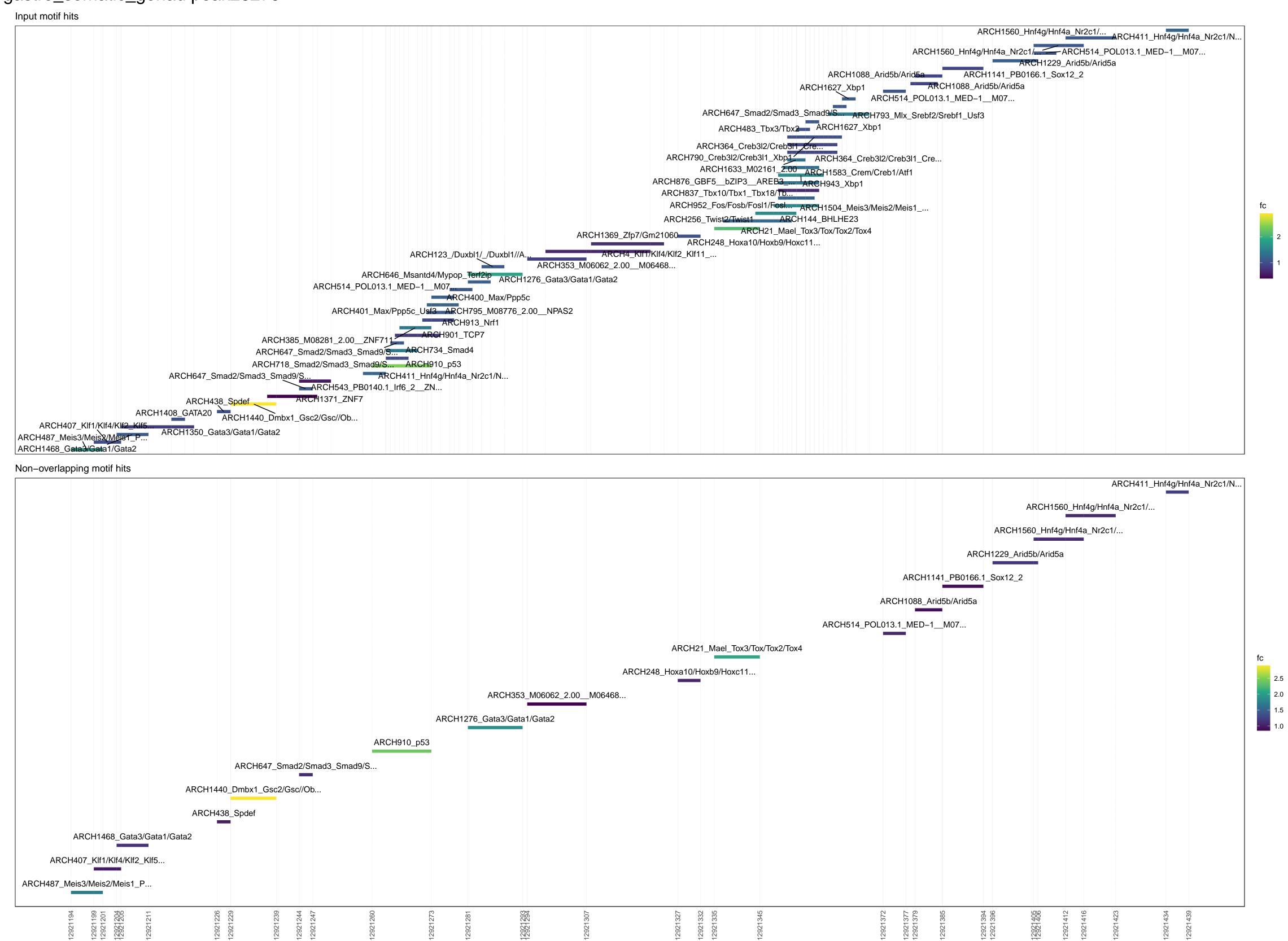
ARCH1204_ARR1__ZNF24

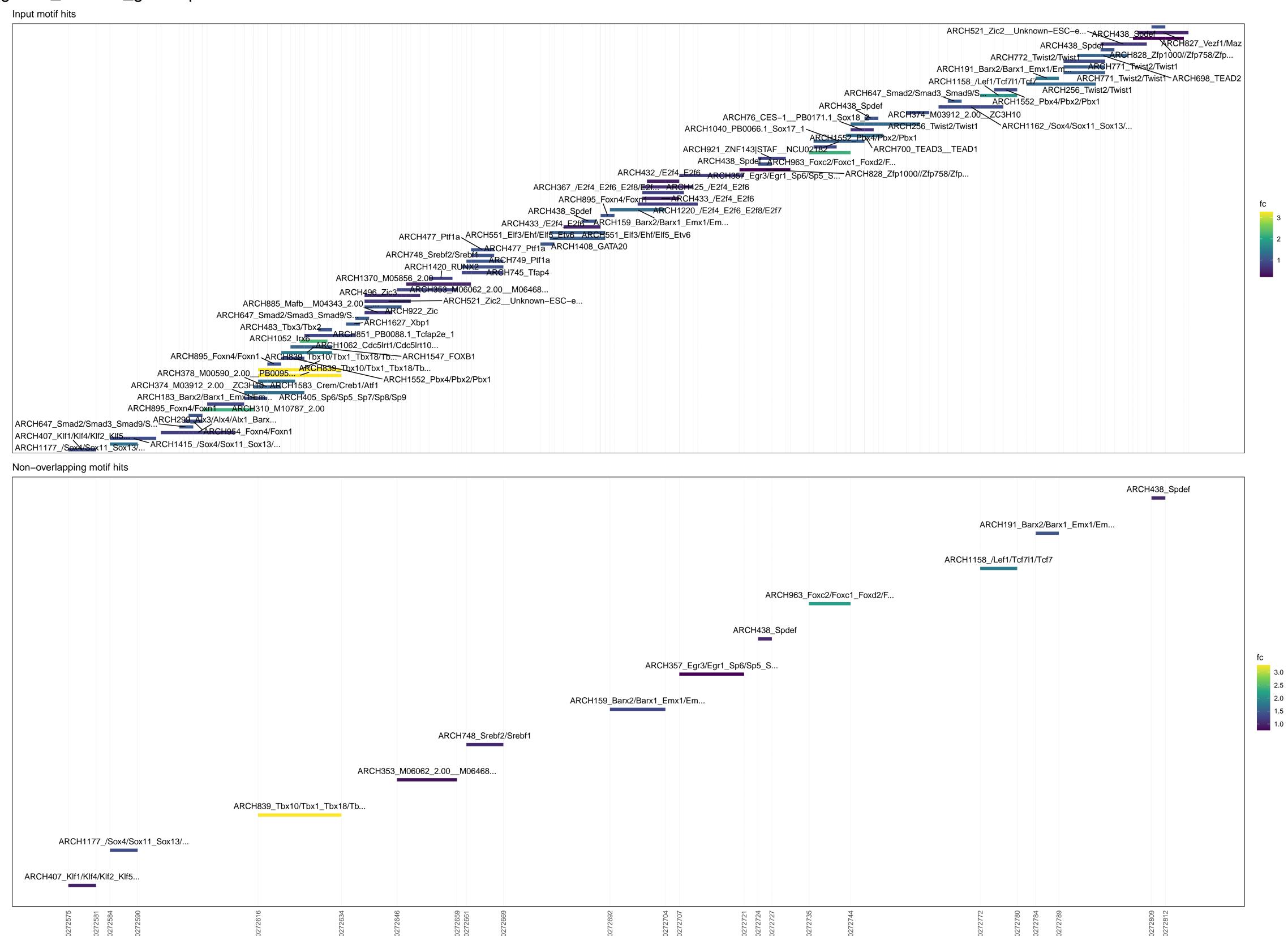
ARCH335_Alx3/Alx4/Alx1_Barx...

2.5

2.0

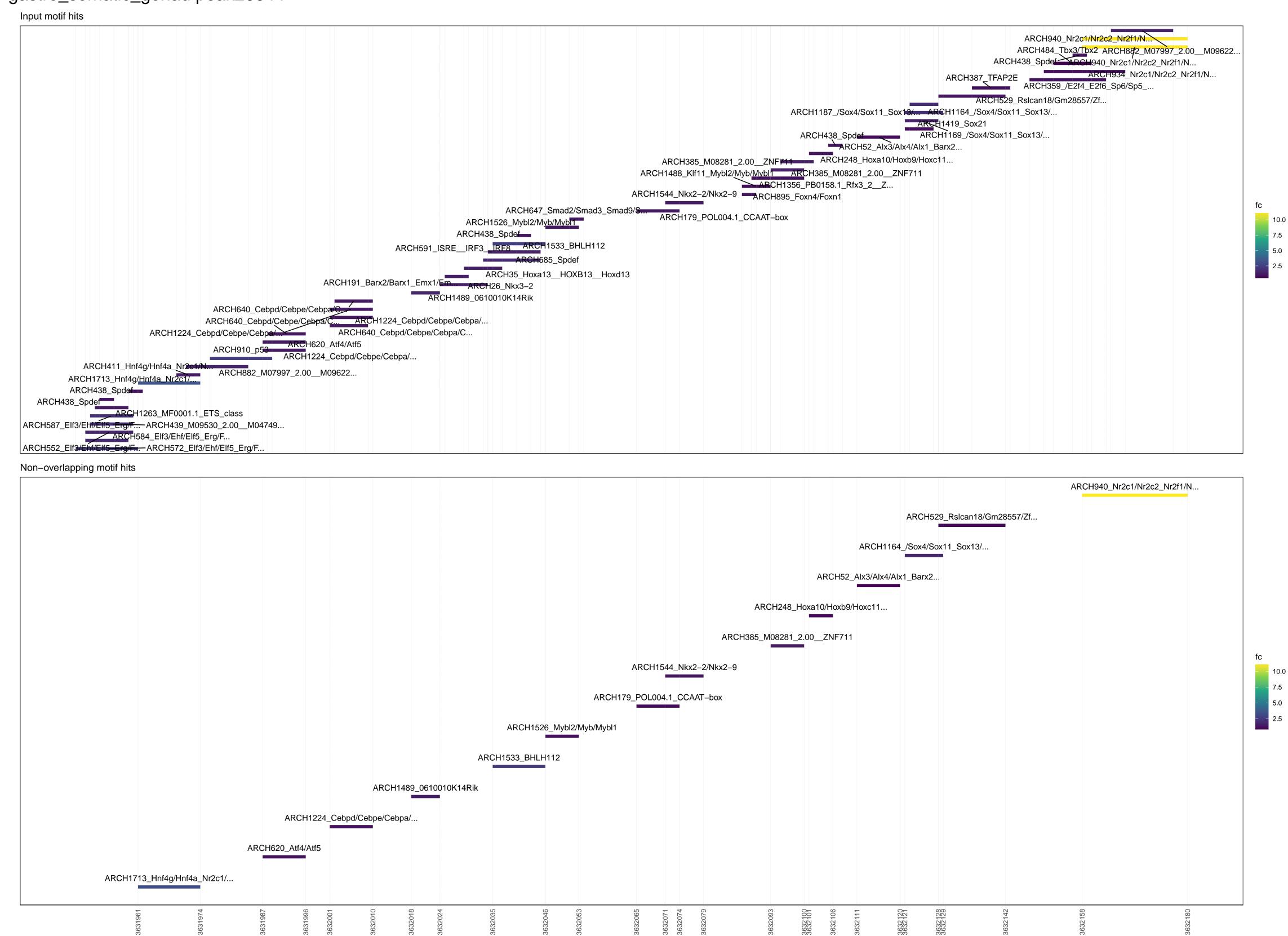
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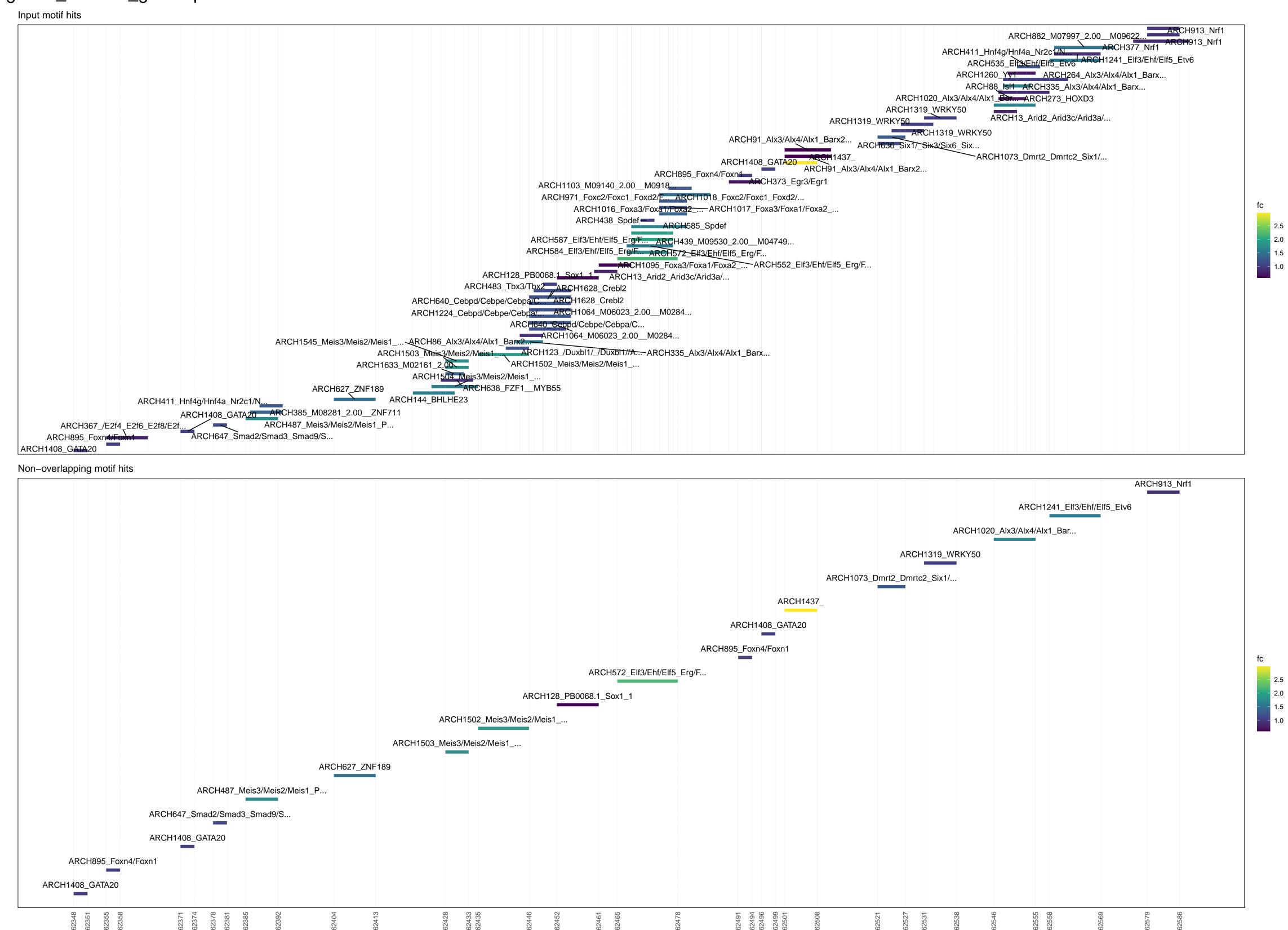


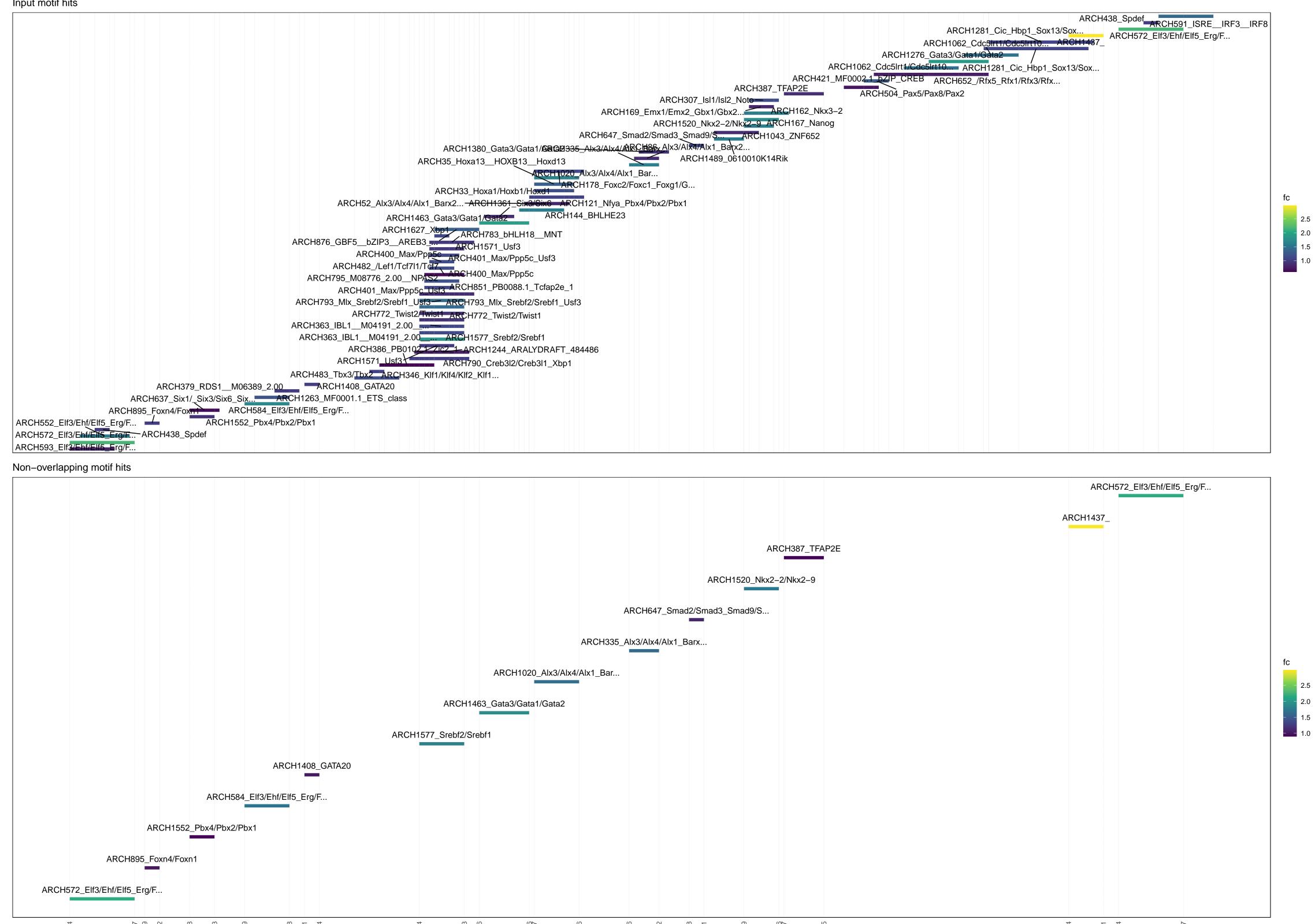


ARCH1051_Irx6

gastro_somatic_gonad peak26644

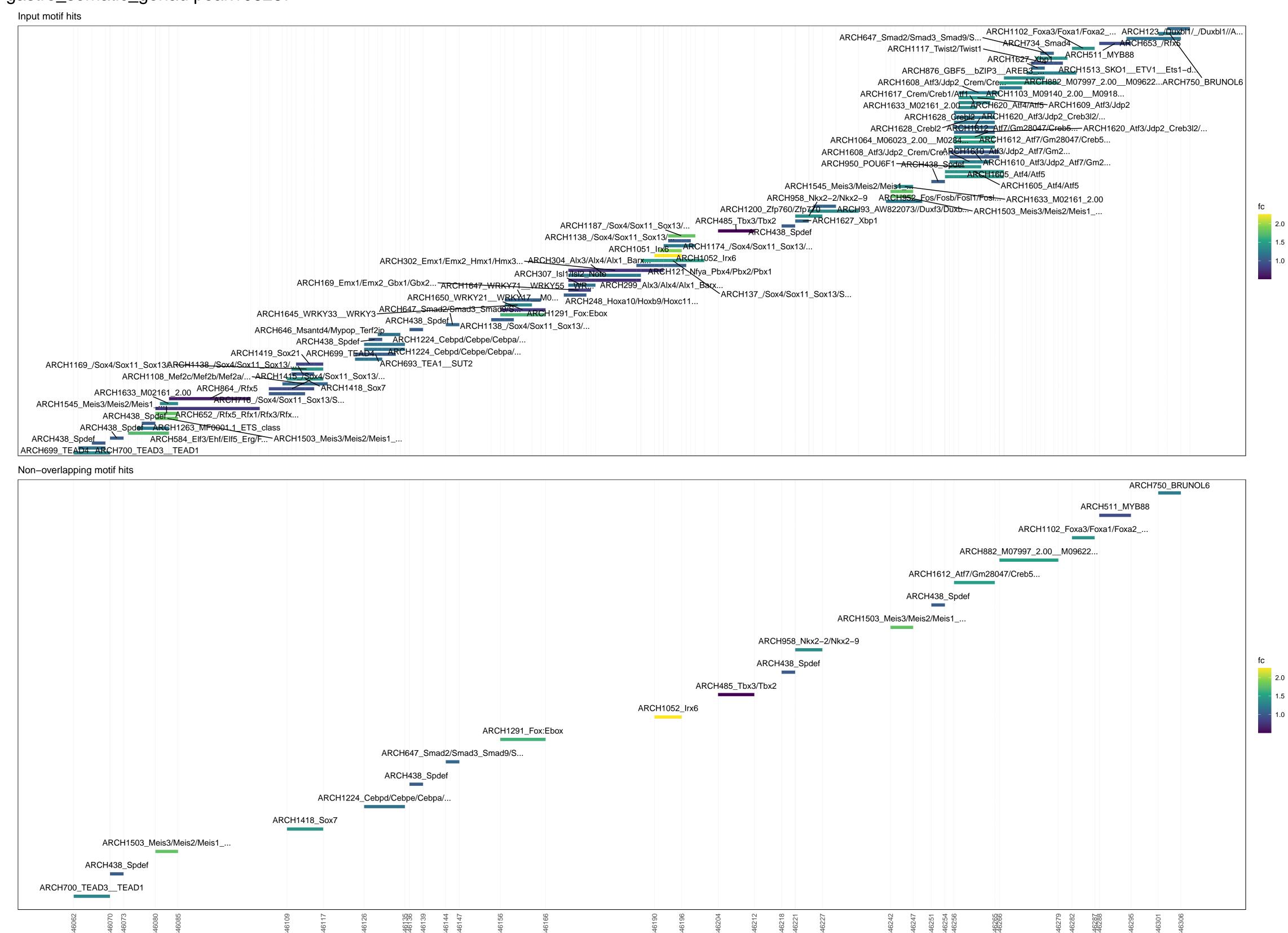






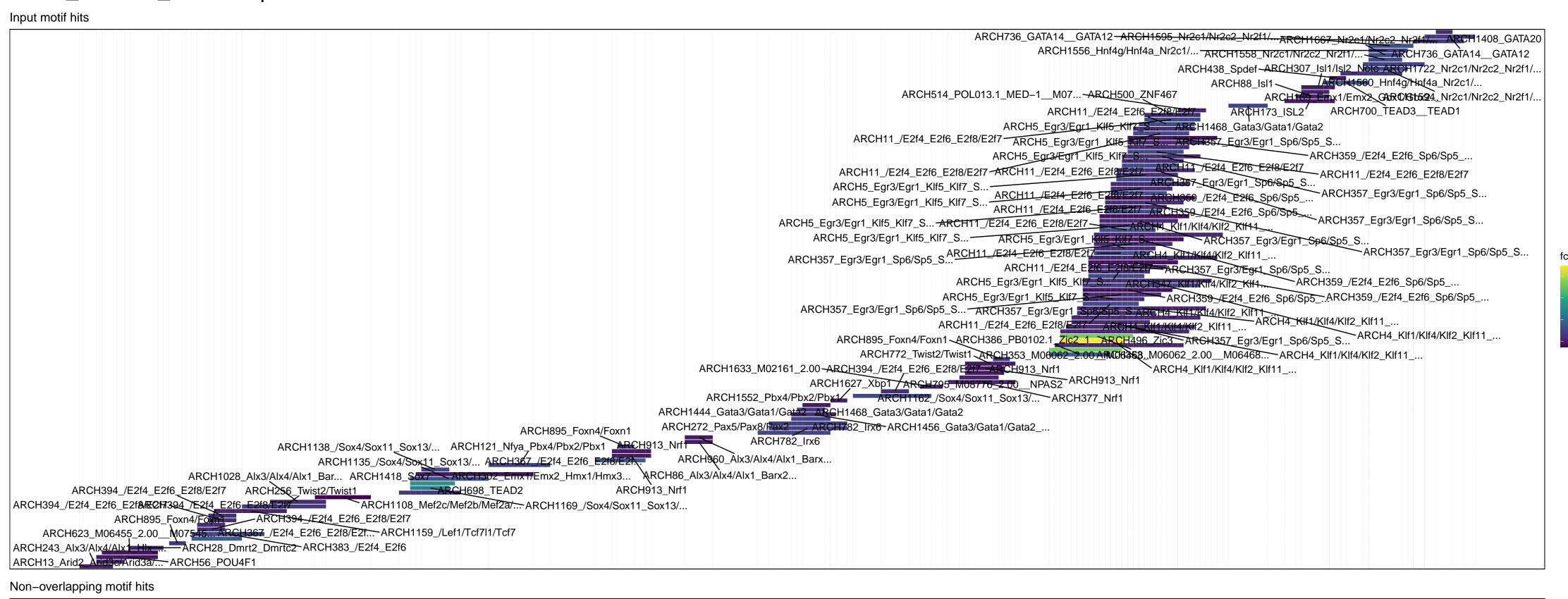
1.5

1.5



2.0

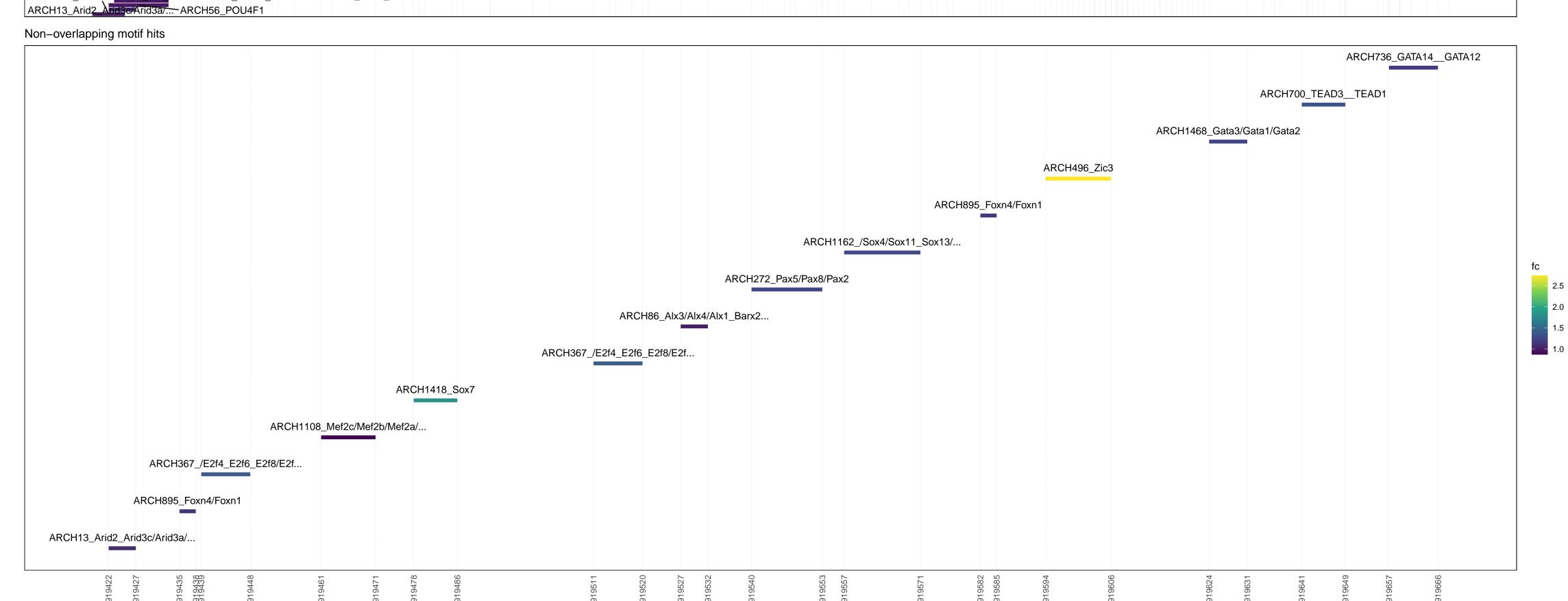
muscle_tentacle_retractor peak38723 Input motif hits ARCH438_Spdef \ ARCH1102 Foxa3/Foxa1/Foxa2_ ARCH1281_Cic_Hbp1_Sox13/Sox.. ARCH1552_Pbx4/Pbx2/Pbx1, ARCH1282_MafF_M04351_2.00_... ARCH1048_M07266_2.00__CRC ARCH1054_POU3F11_ARCH1048_M07266_2.00__CRC ARCH335_Alx3/Alx4/Alx1_Barx... ARCH86_Alx3/Alx4/Alx1_Barx2... ARCH960_Alx3/Alx4/Alx1_Barx... ARCH647_Smad2/Smad3_Smad9/S. ARCH21_Mael_Tox3/Tox/Tox2/Tox4 ARCH1627_Xbp1 ARCH637_Six1/_Six3/Six6_Six... ARCH943_Xbp1 ARCH636_Six1/_Six3/Six6_Six__ ARCH1200_Zfp760/Zfp770 ARCH1201_Gfi1b/Gfi1 ARCH178_Foxc2/Foxc1_Foxg1/G... ARCH514_POL013.1_MED-1__M07... ARCH1338_Barx2/Barx1_Dlx4/D....ARCH1560_Hnf4g/Hnf4a_Nr2c1/... ARCH733_Smad2/Smad3_Smad9/S.. ARCH646_Msantd4/Mypop_Terf2ip ARCH76_CES-1__PB0171.1_Sox18_2 ARCH700_TEAD3__TEAD1 ARCH10_TEAD3_T ARCH13_Arid2_Arid3c/Arid3a/... ARCH1647_WRKY71__WRKY55__WR... ARCH1645_WRKY33__WRKY3 ARCH1118_PL0012.1_hlh-2::hlh-8 ARCH483_Tbx3/Tbx2 ARCH1419_Sox21 ARCH438_Spdef CH1073_Dmrt2_Dmrtc2_Six1/... ARCH256_Twist2/Twist1 ARCH1052_Irx6 ARC ARCH1051_Irx6 ARCH385_M08281_2.00__ZNF711 ARCH438_Spdef ARCH385_M08281_2.00__ZNF711_ ARCH864 /Rfx5 Non-overlapping motif hits ARCH672_M04346_2.00__M04366... ARCH438_Spdef ARCH178_Foxc2/Foxc1_Foxg1/G... ARCH646_Msantd4/Mypop_Terf2ip ARCH700_TEAD3__TEAD1 ARCH1645_WRKY33_WRKY3 ARCH13_Arid2_Arid3c/Arid3a/... 1.4 1.3 ARCH1118_PL0012.1_hlh-2::hlh-8 - 1.2 ARCH483_Tbx3/Tbx2 ARCH1419_Sox21 ARCH256_Twist2/Twist1 ARCH1051_Irx6 ARCH1052_Irx6 ARCH385_M08281_2.00__ZNF711



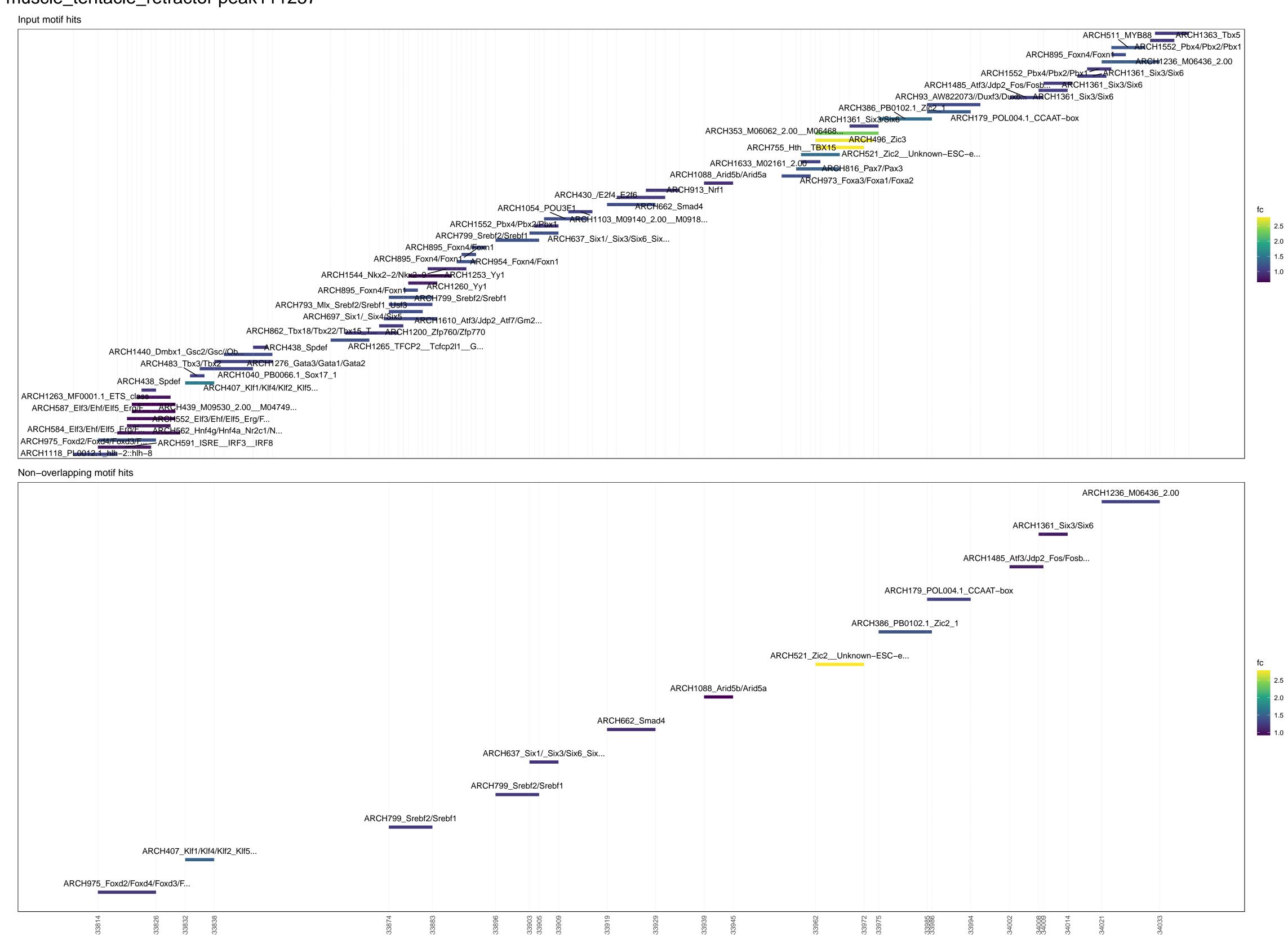
2.5

2.0

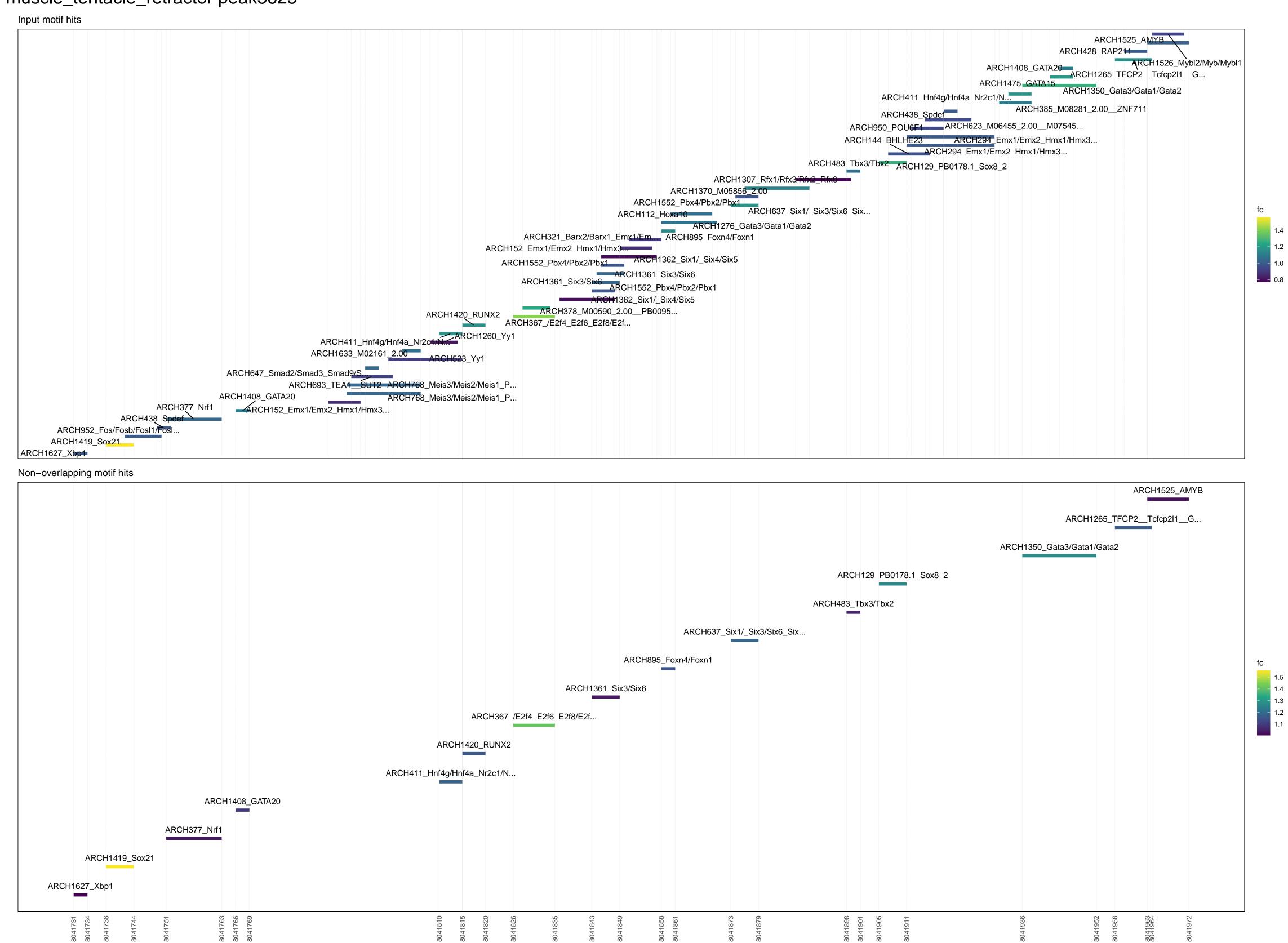
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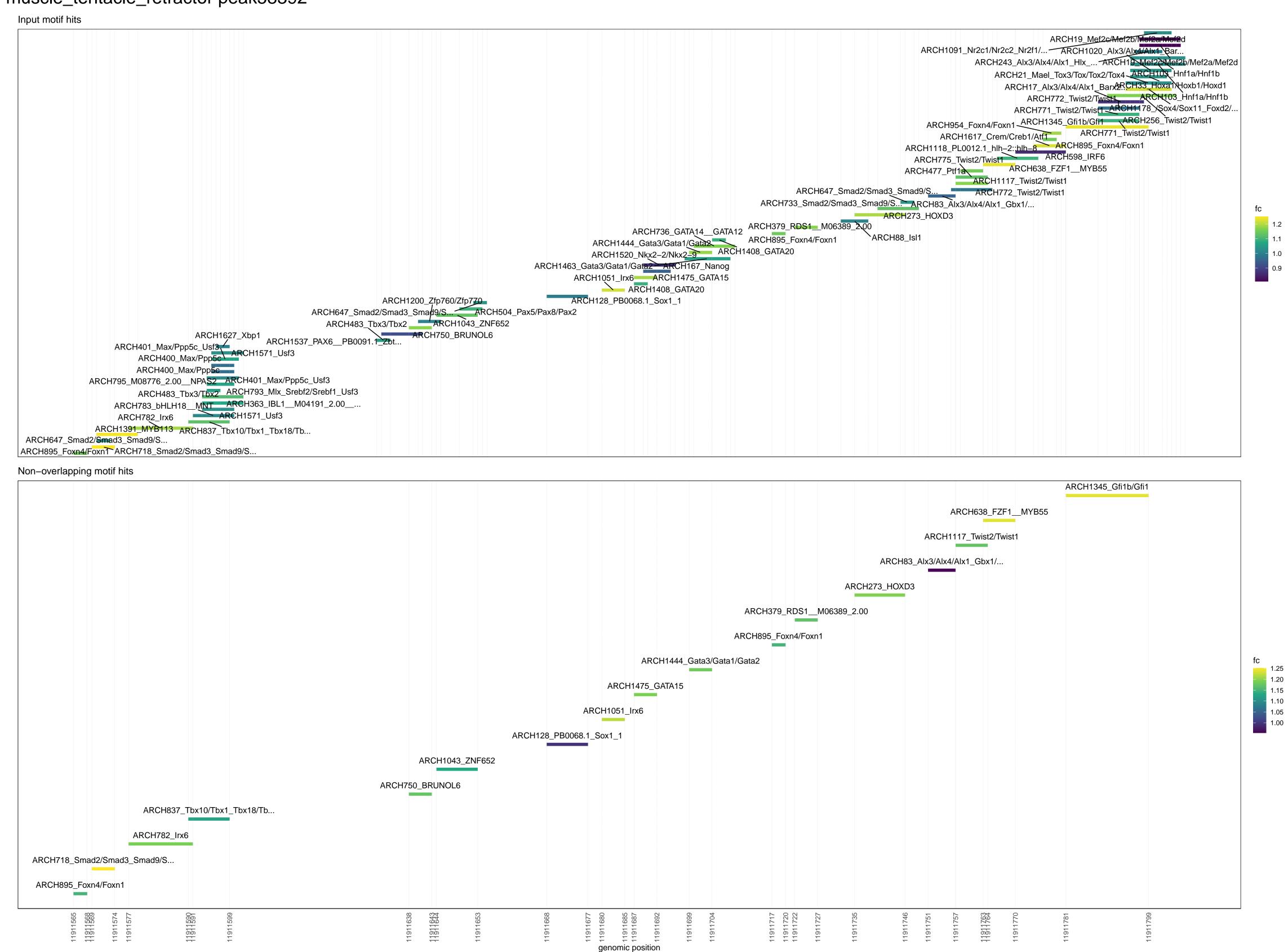


muscle_tentacle_retractor peak111257



muscle_tentacle_retractor peak3625





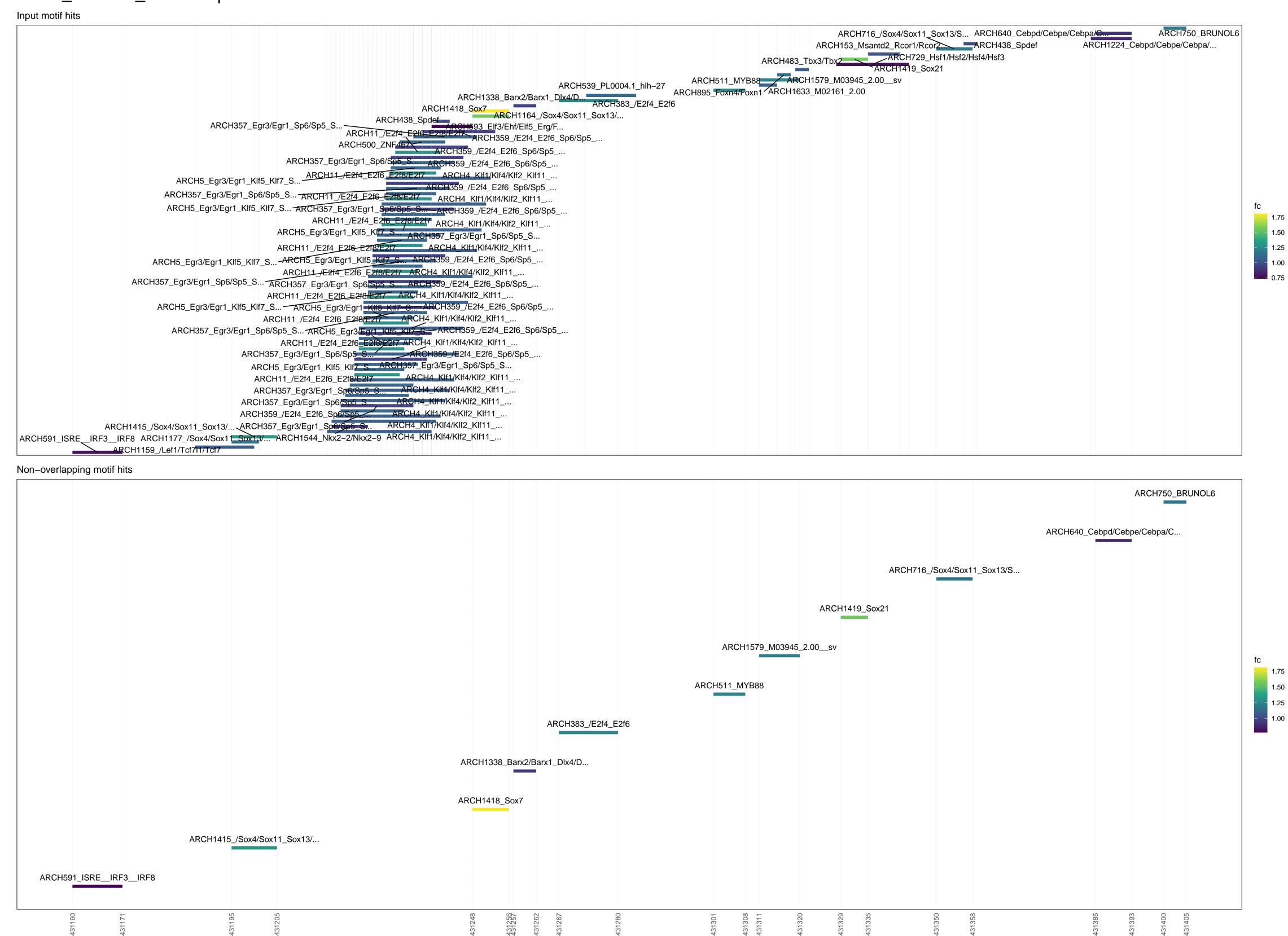
muscle_tentacle_retractor peak48156 Input motif hits ARCH438_Spde ARCH646_Msantd4/Mypop_Terf2ip ARCH960_Alx3/Alx4/Alx1_Barx... ARCH13_Arid2_Arid3c/Arid3a/... ARCH468_Ptf1a ARSH716_/Sox4/Sox11_Sox13/S... ARCH1408_GATA20_ARCH86_Alx3/Alx4/Alx1_Barx2... ARCH1259_RRTF1__ERF4__RAP26... ARCH411_Hnf4g/Hnf4a_Nr2c1/N... ARCH1475_GATA15 FoxQ2d ARCH968_Foxa3/Foxa1/Foxa2_F.../ARCH1016_Foxa3/Foxa1/Foxa2_... ARCH971_Foxc2/Foxc1_Foxd2/F../ARCH1018_Foxc2/Foxc1_Foxd2/... RCH1017_Foxa3/Foxa1/Foxa2_... ARCH1017_Foxa3/Foxa1/Foxa2___ ARCH29_Tbpl2/Tbp ARCH1235_PB0106.1_Arid5a_2 ARCH895_Foxn4/Foxn1 ARCH483_Tbx3/Tbx2 ARCH1291_Fox:Ebox ARCH1579_M03945_2.00__sv ARCH1371_ZNF7 ARCH1162_/Sox4/Sox11_Sox13/... ARCH927_Emx1/Emx2_Gbx1/Gbx2... ARCH66_Barx2/Barx1_Dlx4/Dlx... ARCH700_TEAD3__TEAD1 ARCH699_TEAD4 ARCH438_Spdef ARCH700_TEAD3__TEAD1 ARCH179_POL004.1_CCAAT_box ARCH1633_M02161_2.00 ARCH1503 Meis3/Meis2/Meis1 ARCH1545_Meis3/Meis2/Meis1_... ARCH1363_Tbx5 ARCH1502_Meis3/Meis2/Meis1_.. ARCH1408_GATA20 ARCH867_ZEB1__PL0011.1_hlh-... ARCH736_GATA14__GATA12 ARCH487_Meis3/Meis2/Meis1_P ARCH123_/Duxbl1/_/Duxbl1//A... ARCH647_Smad2/Smad3_Smad9/S... ARCH379_RDS1__M06389_2.00 ARCH1345_Gfi1b/Gfi1 ARCH1261_Runx3/Runx2/Runx ARCH1408_GATA20____ARCH86_Alx3/Alx4/Alx1_Barx2... ARCH960_Alx3/Alx4/Alx1_Barx ARCH1316_Hoxa1/Hoxb1/Hoxd1 ARCH958_Nkx2-2/Nkx2-9 ARCH1070_Dmrtc2_lrx6 Non-overlapping motif hits ARCH716_/Sox4/Sox11_Sox13/S... ARCH13_Arid2_Arid3c/Arid3a/... ARCH1475_GATA15 ARCH411_Hnf4g/Hnf4a_Nr2c1/N... FoxQ2d ARCH66_Barx2/Barx1_Dlx4/Dlx... ARCH179_POL004.1_CCAAT-box ARCH736_GATA14__GATA12 ARCH487_Meis3/Meis2/Meis1_P...

ARCH1345_Gfi1b/Gfi1

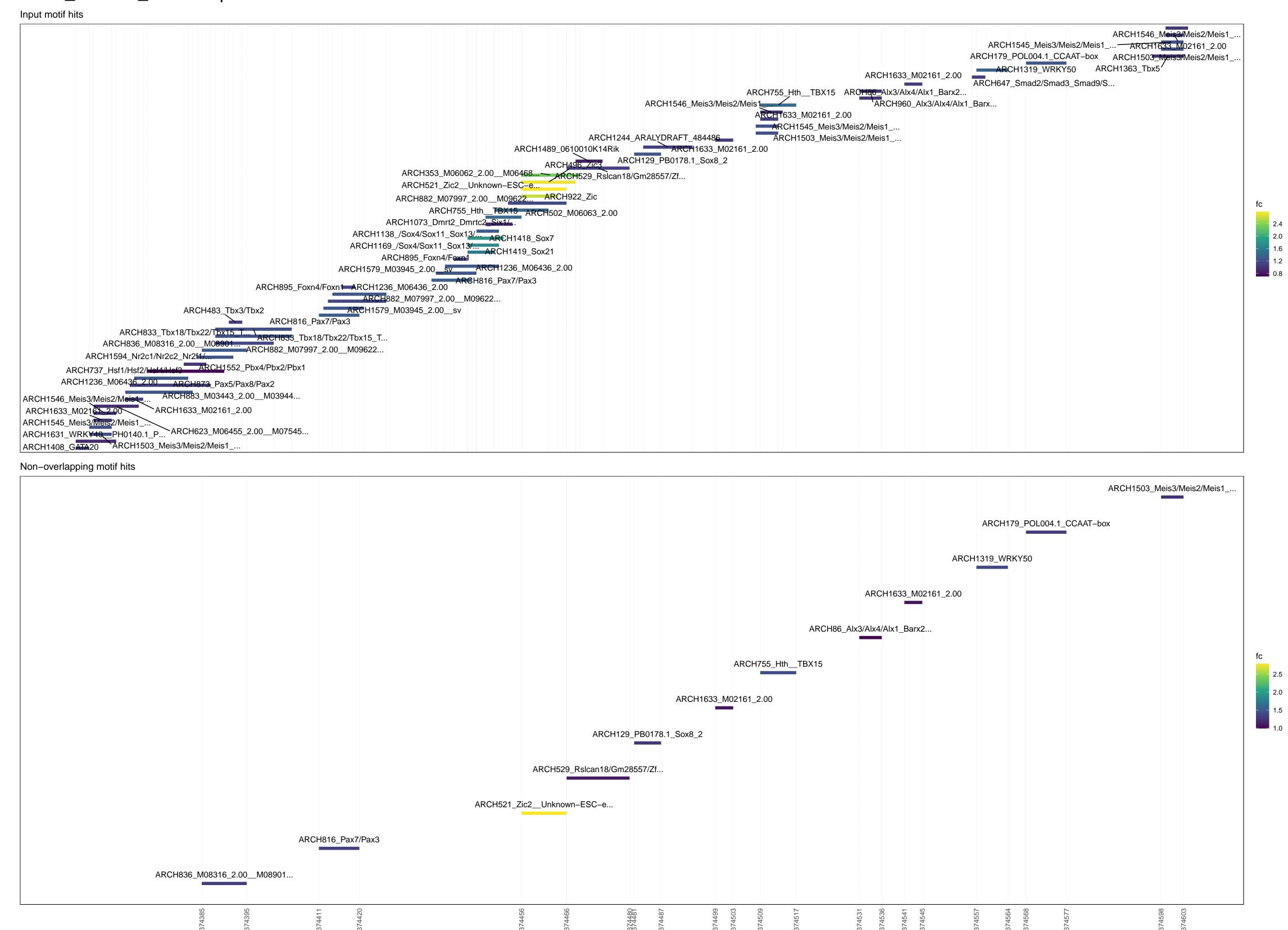
ARCH1070_Dmrtc2_Irx6

1.2

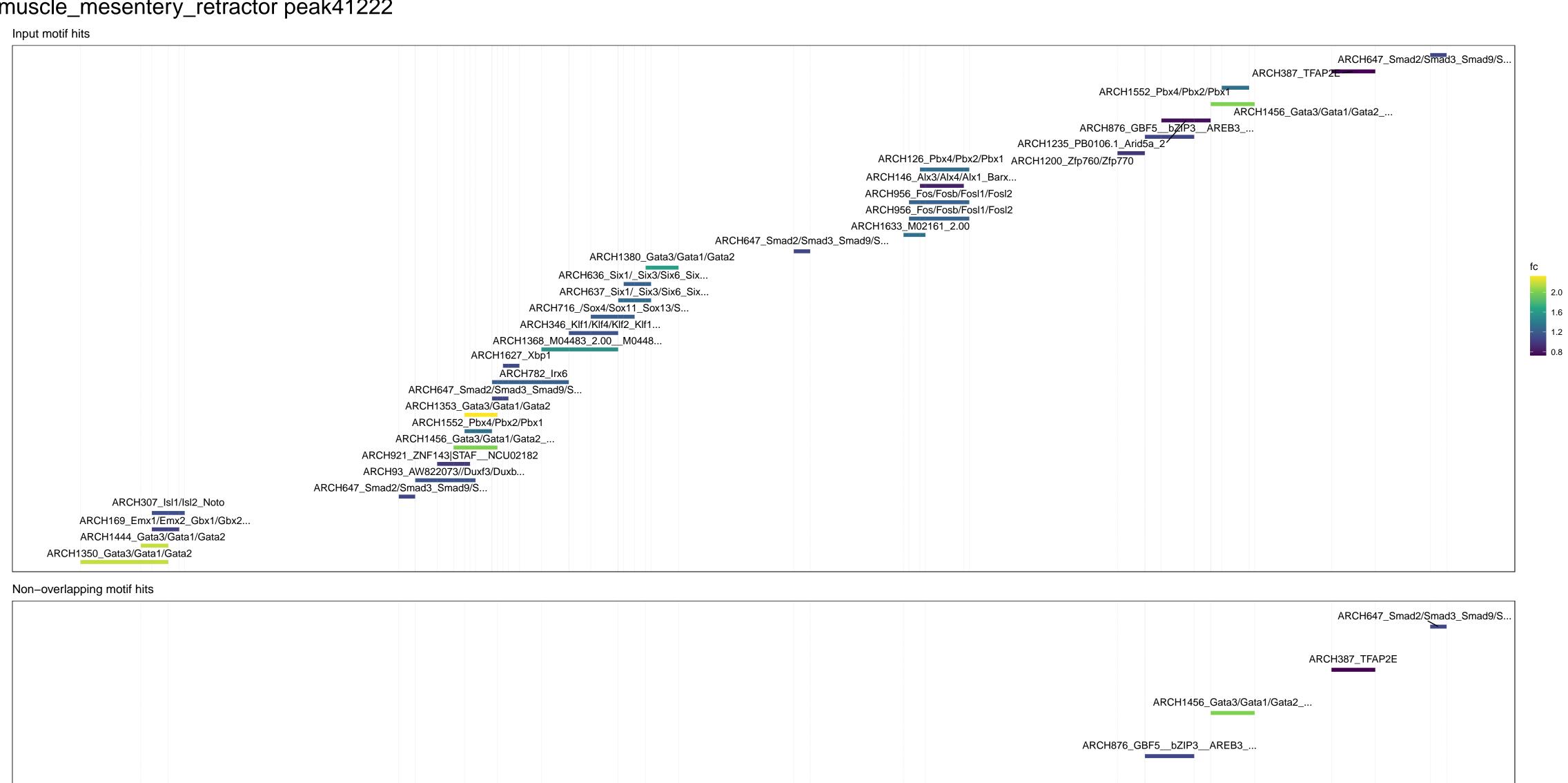
muscle_tentacle_retractor peak89597

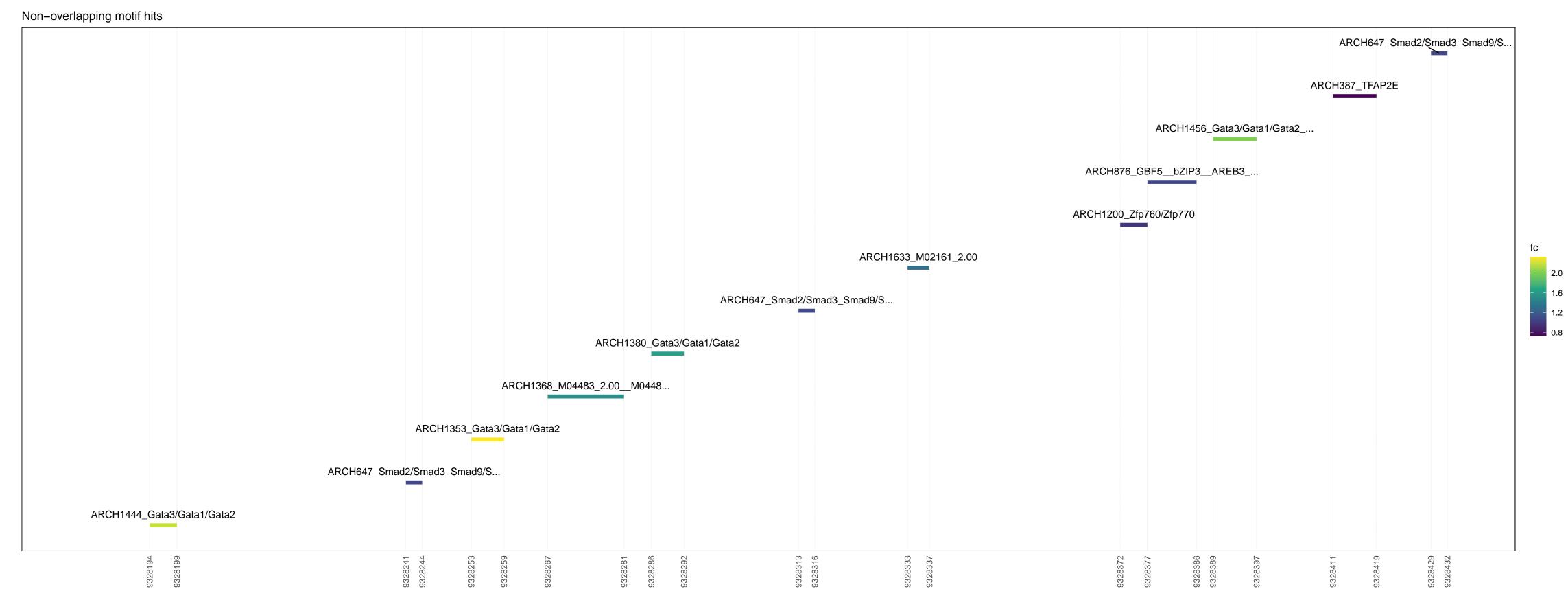


ARCH248_Hoxa10/Hoxb9/Hoxc11...

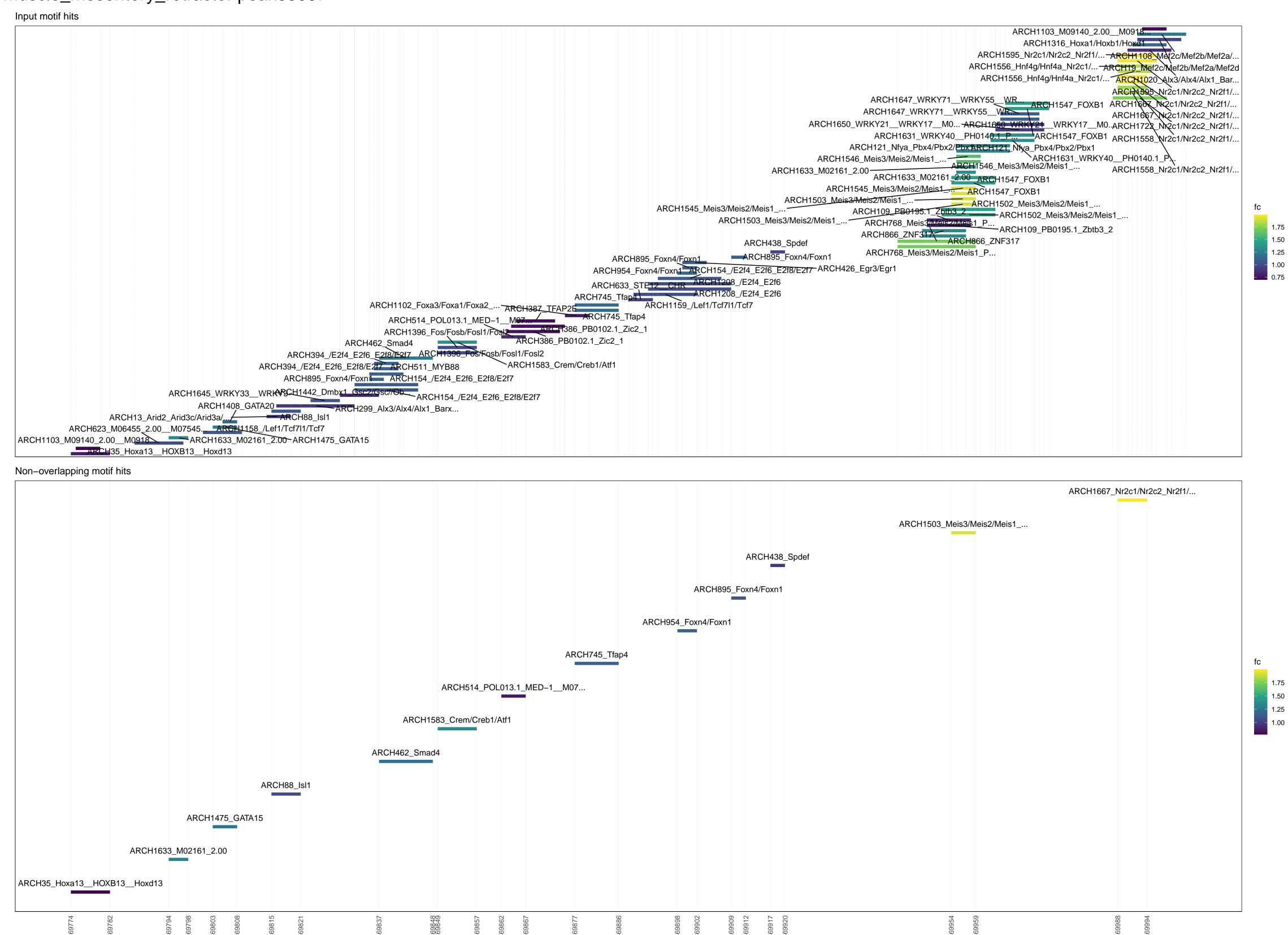


muscle_mesentery_retractor peak41222 Input motif hits

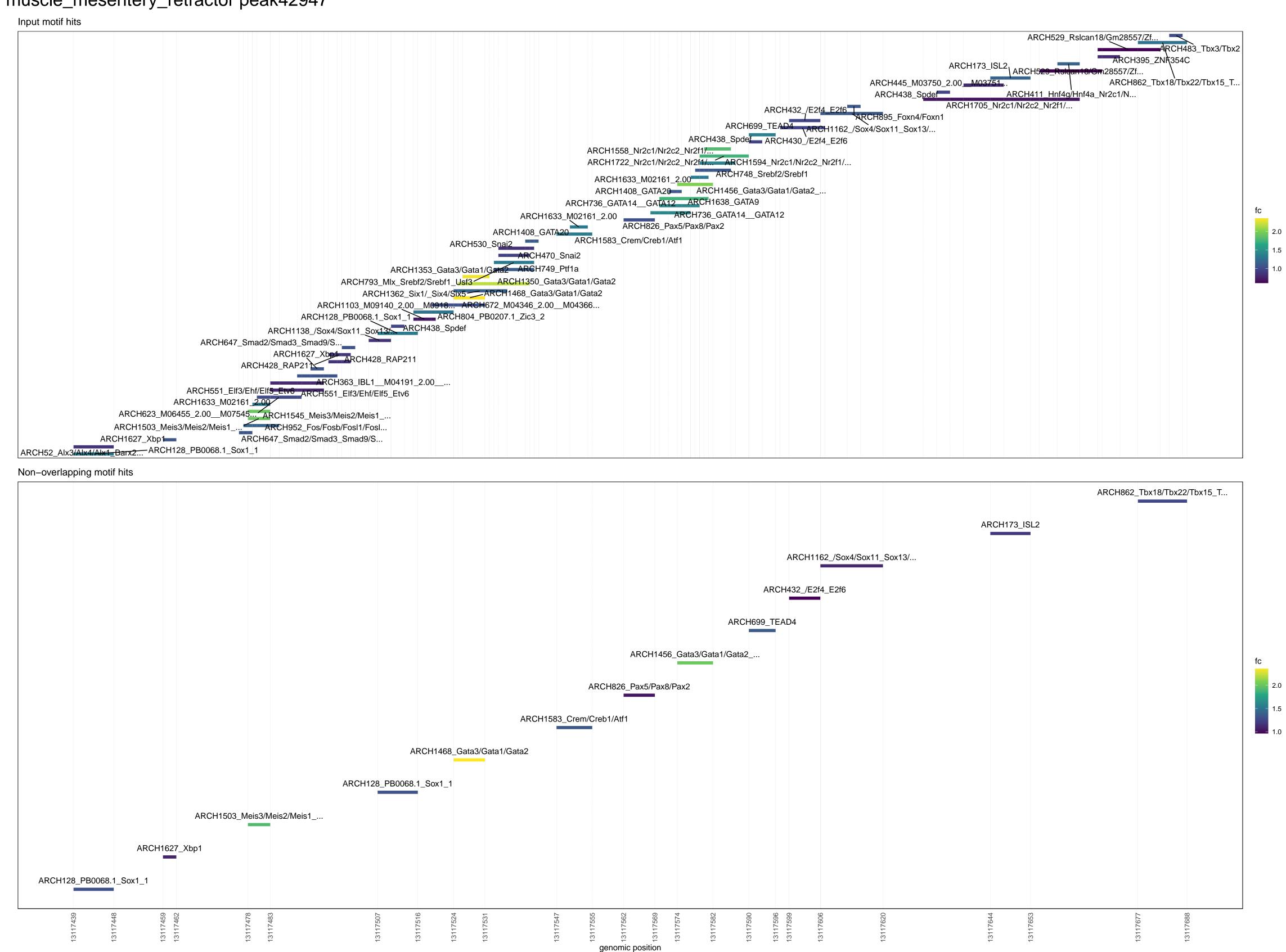




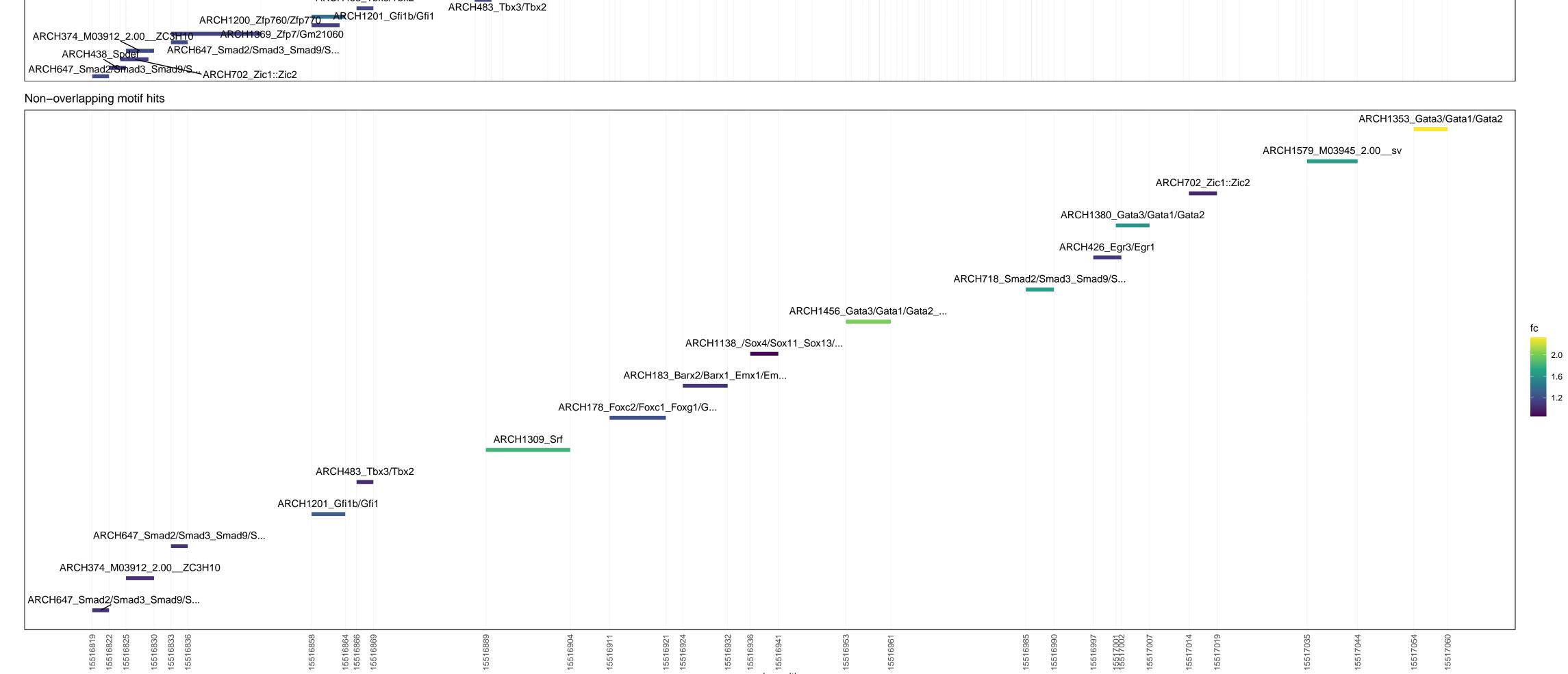
muscle_mesentery_retractor peak68087

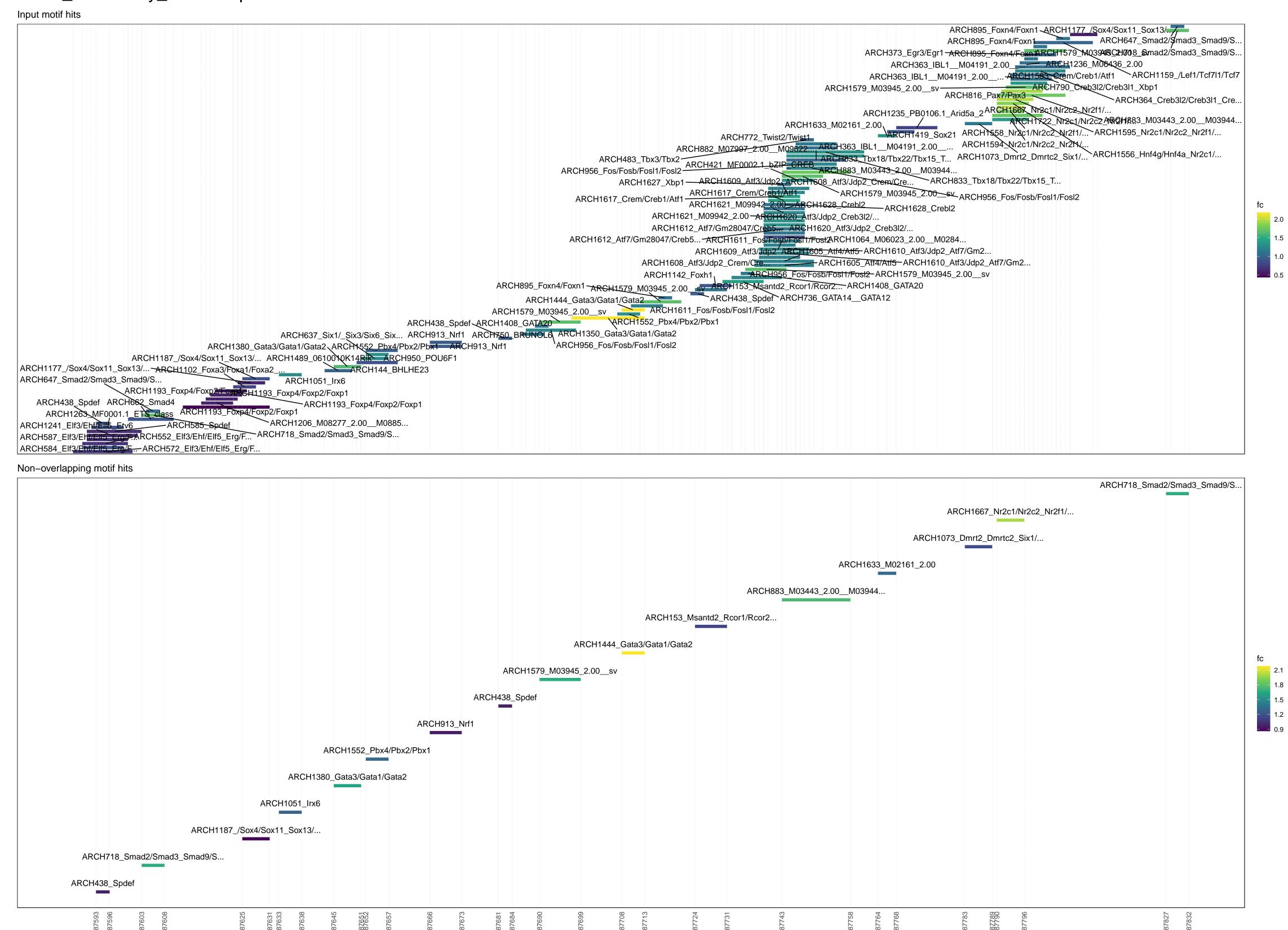


muscle_mesentery_retractor peak42947

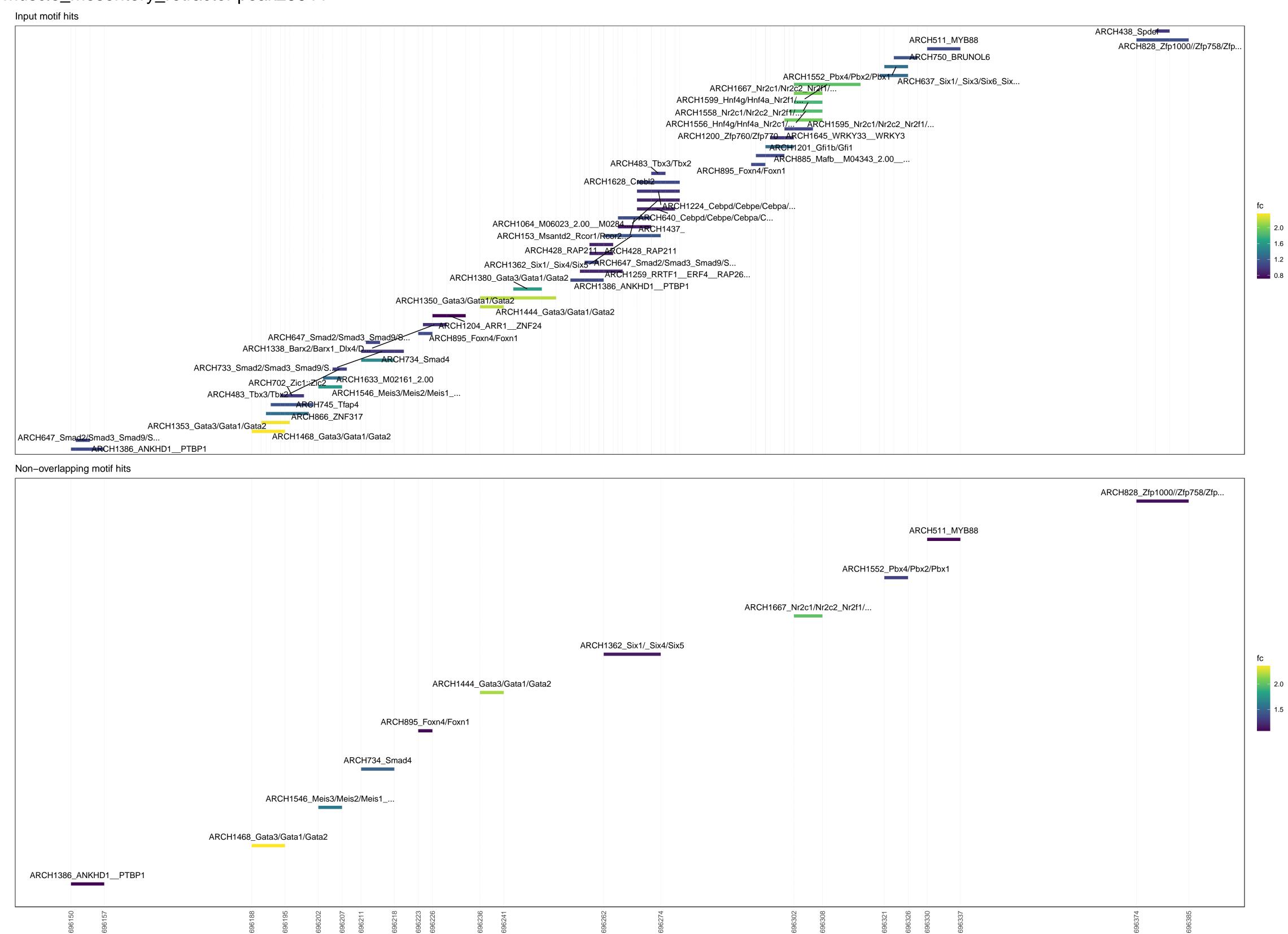


muscle_mesentery_retractor peak27636 Input motif hits ARCH1579_M03945_2.00__sv ARCH895_Foxn4/Foxn1 ARCH1353_Gata3/Gata1/Gata2 ARCH1552_Pbx4/Pbx2/Pbx ARCH1456_Gata3/Gata1/Gata2_. ARCH954_Foxn4/Foxn1 ARCH438_Spdet ARCH647_Smad2/Smad3_Smad9/S... ARCH1380_Gata3/Gata1/Gata2 ARCH179_POL004.1_CCAAT-box ARCH647_Smad2/Smad3_Smad9/S. ARCH718_Smad2/Smad3_Smad9/S...ARCH755_Hth__TBX15 ARCH1201_Gfi1b/Gfi1 ARCH1627_Xbp1 ARCH1200_Zfp760/Zfp770 ARCH483 Tbx3/Tbx2 ARCH947_Creb3l2/Creb3l1 ARCH895_Foxn4/Foxn4 ARCH697_Six1/_Six4/Six5 ___ARCH1405_Gata3/Gata1/Gata2 ARCH1552_Pbx4/Pbx2/Pbx1 ARCH1456_Gata3/Gata1/Gata2_... ARCH562_Hnf4g/Hnf4a_Nr2c1/N... ARCH921_ZNF143|STAF__NCU02182_____ARCH1408_GATA20 ARCH183_Barx2/Barx1_Emx1/Em... ARCH1138_/Sox4/Sox11_Sox13/... ARCH93_AW822073//Duxf3/Duxb... -ARCH178_Foxc2/Foxc1_Foxg1/G... ARCH1311_VV1 ARCH123_/Duxbl1/_/Duxbl1//A... ARCH895_Foxn4/Foxn1 ARCH1309_Srf ARCH1309_Srf ARCH483_Tbx3/Tbx2 ARCH483_Tbx3/Tbx2 ARCH1200_Zfp760/Zfp770 ARCH1201_Gfi1b/Gfi1 ARCH1369_Zfp7/Gm21060 ARCH647_Smad2/Smad3_Smad9/S... ARCH647_Smad2/Smad3_Smad9/S...ARCH702_Zic1::Zic2 Non-overlapping motif hits ARCH1579_M03945_2.00__sv ARCH702_Zic1::Zic2

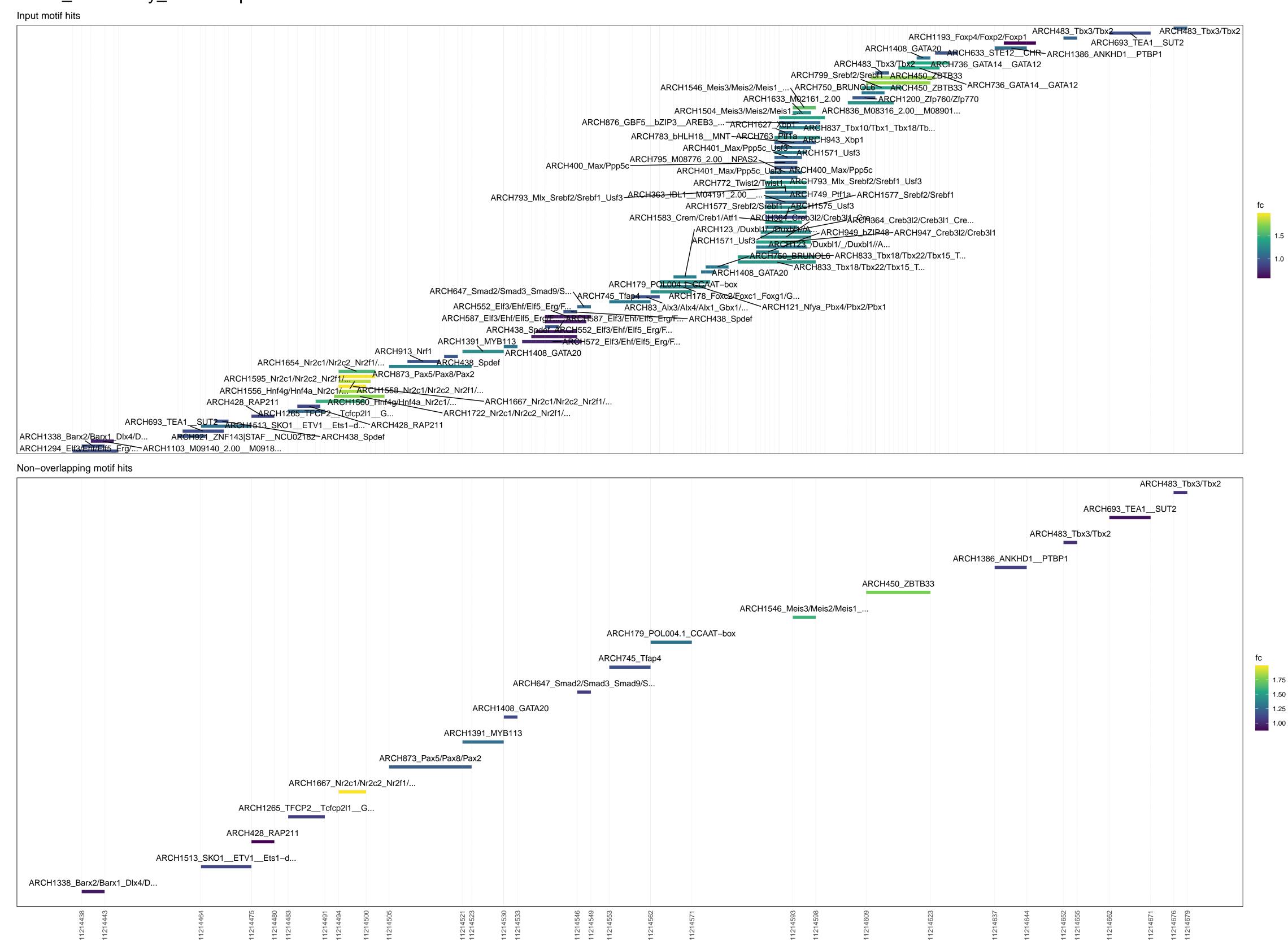


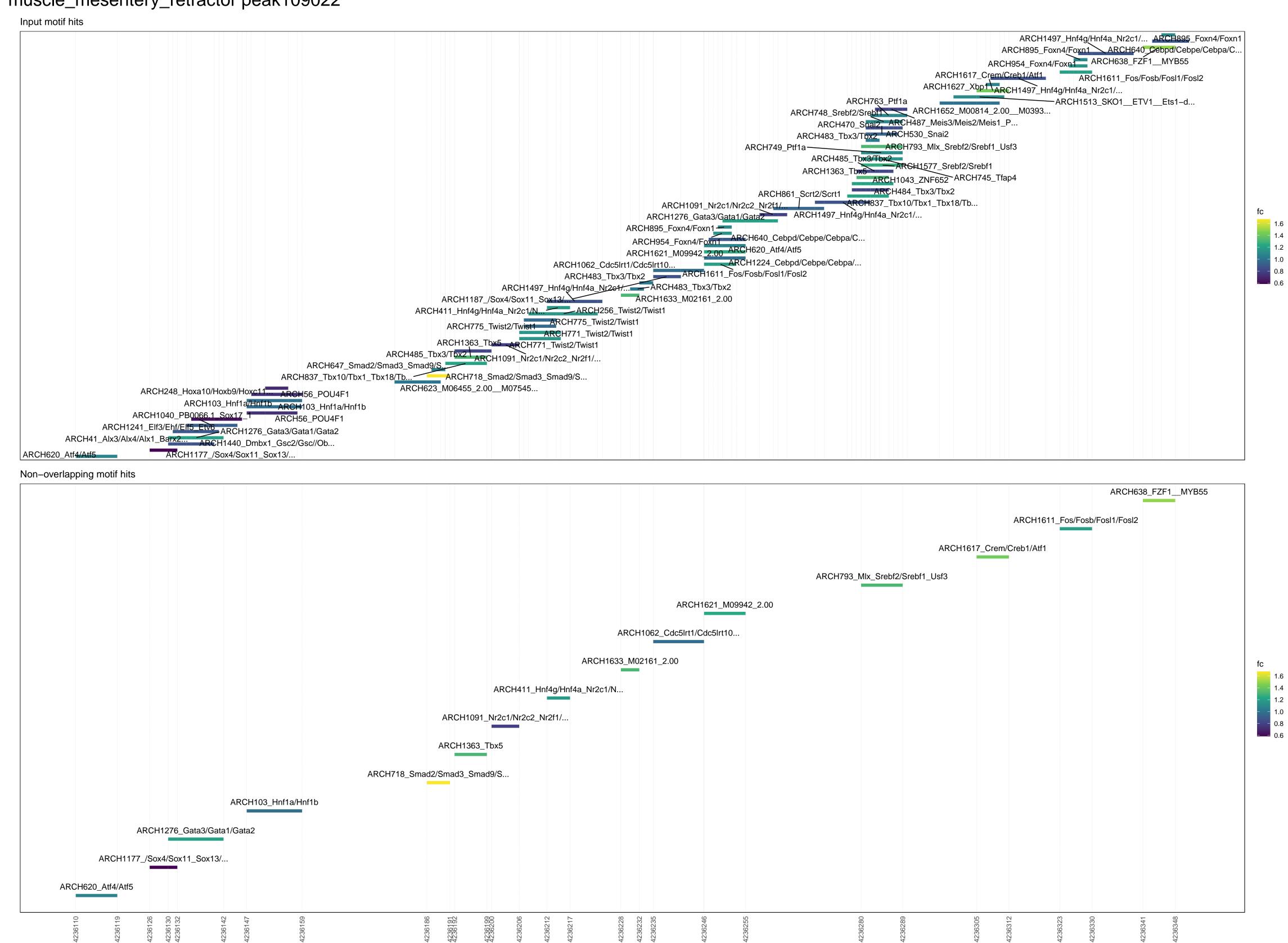


muscle_mesentery_retractor peak25644



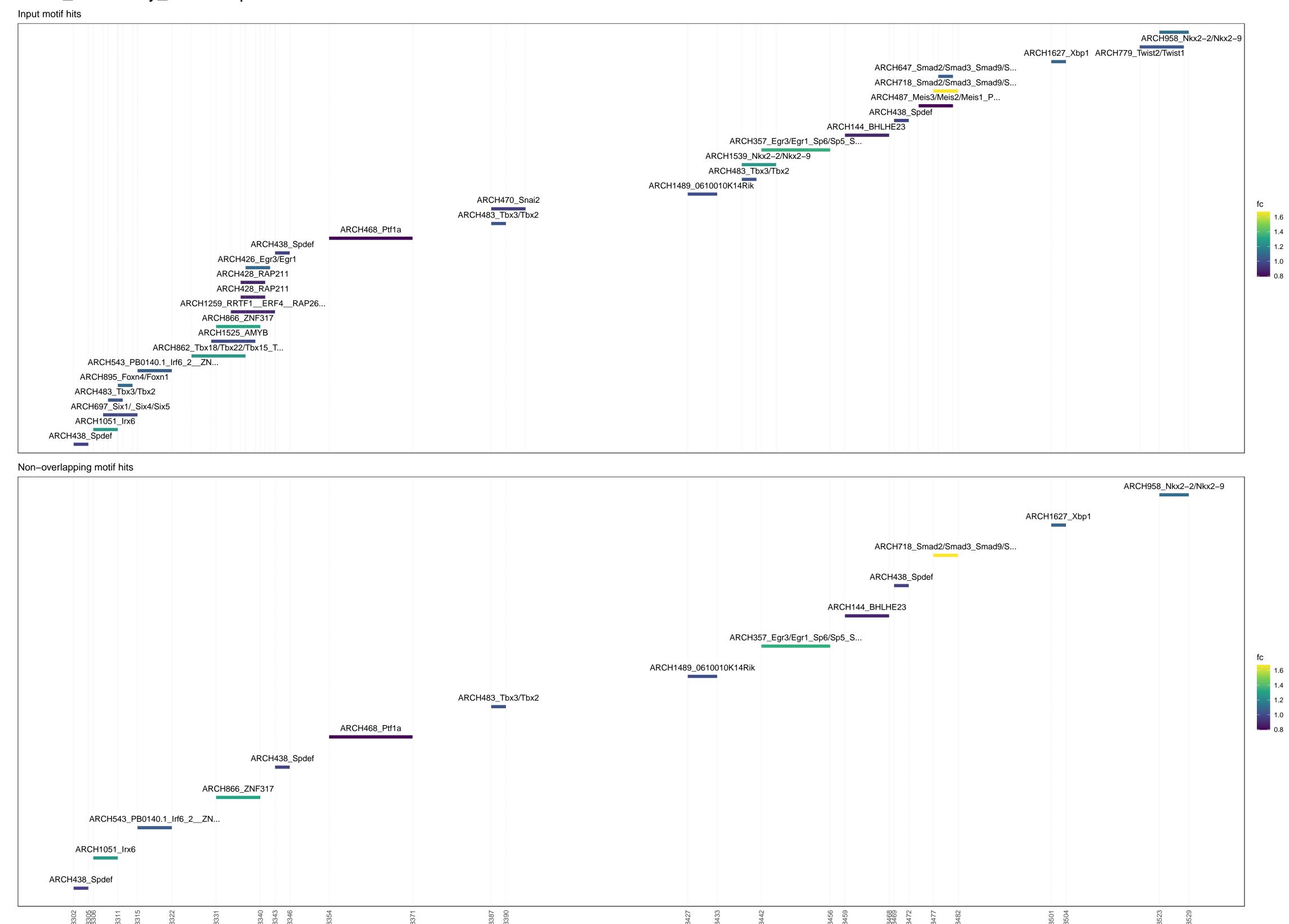
muscle_mesentery_retractor peak5173

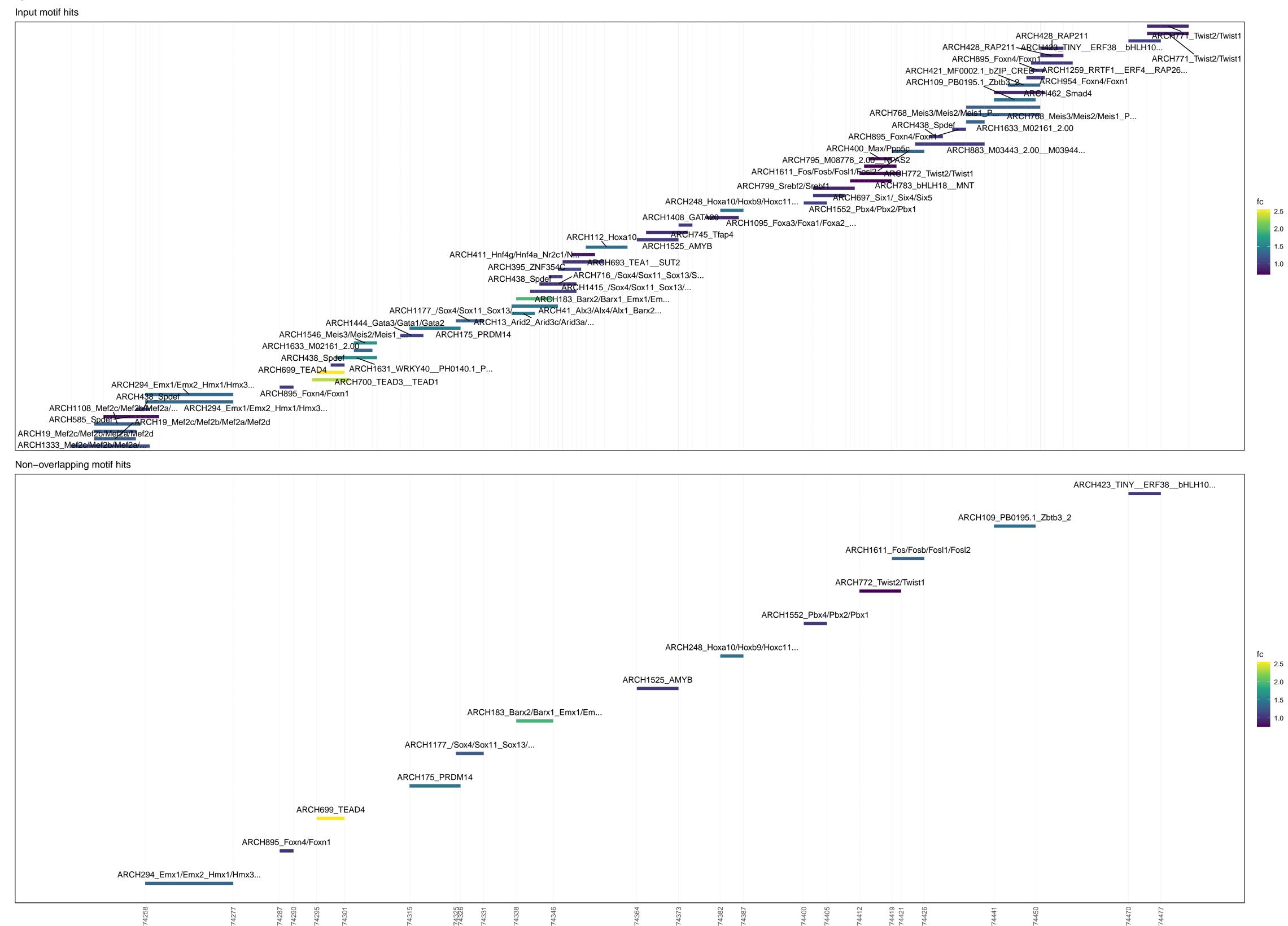


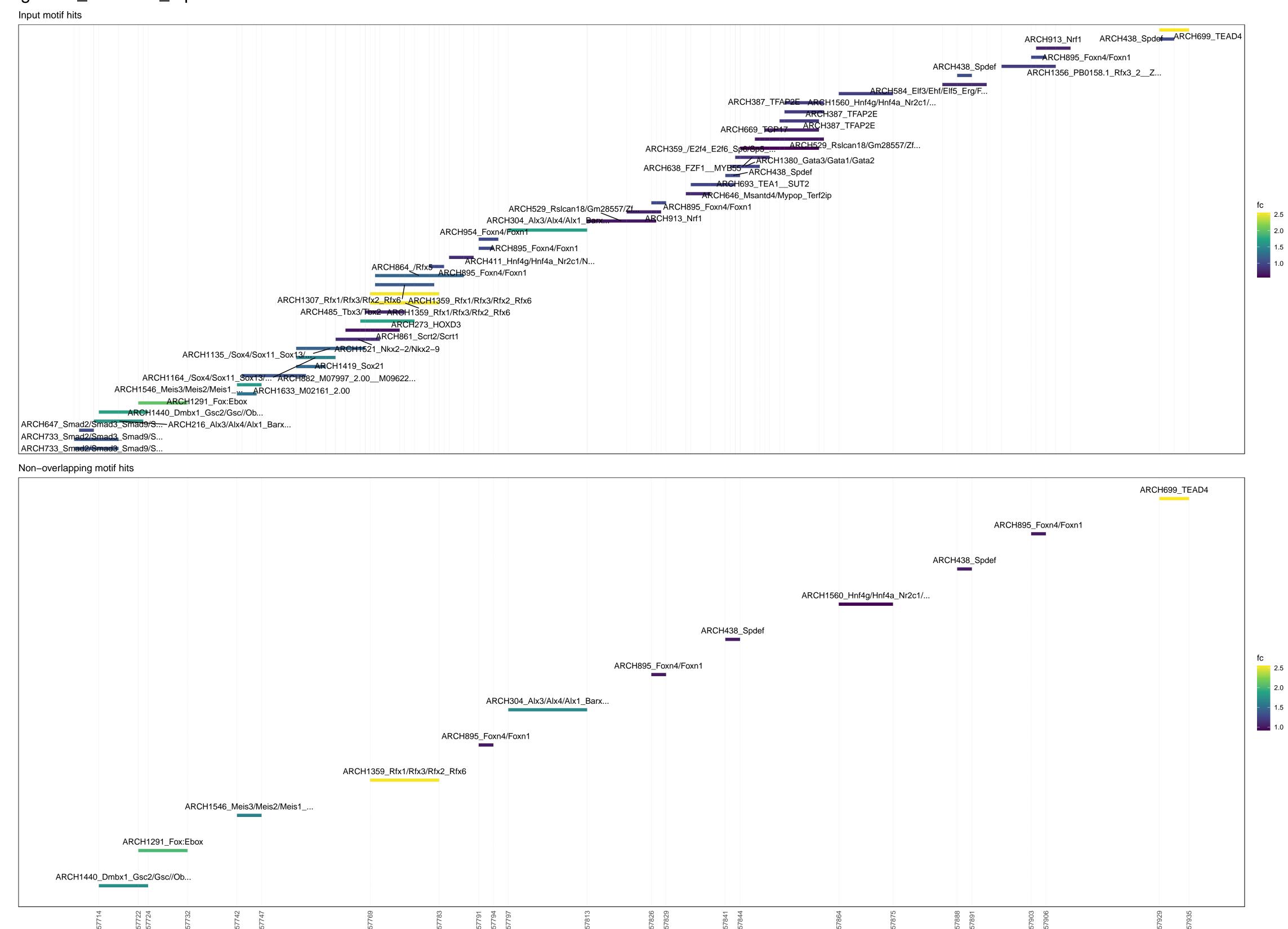


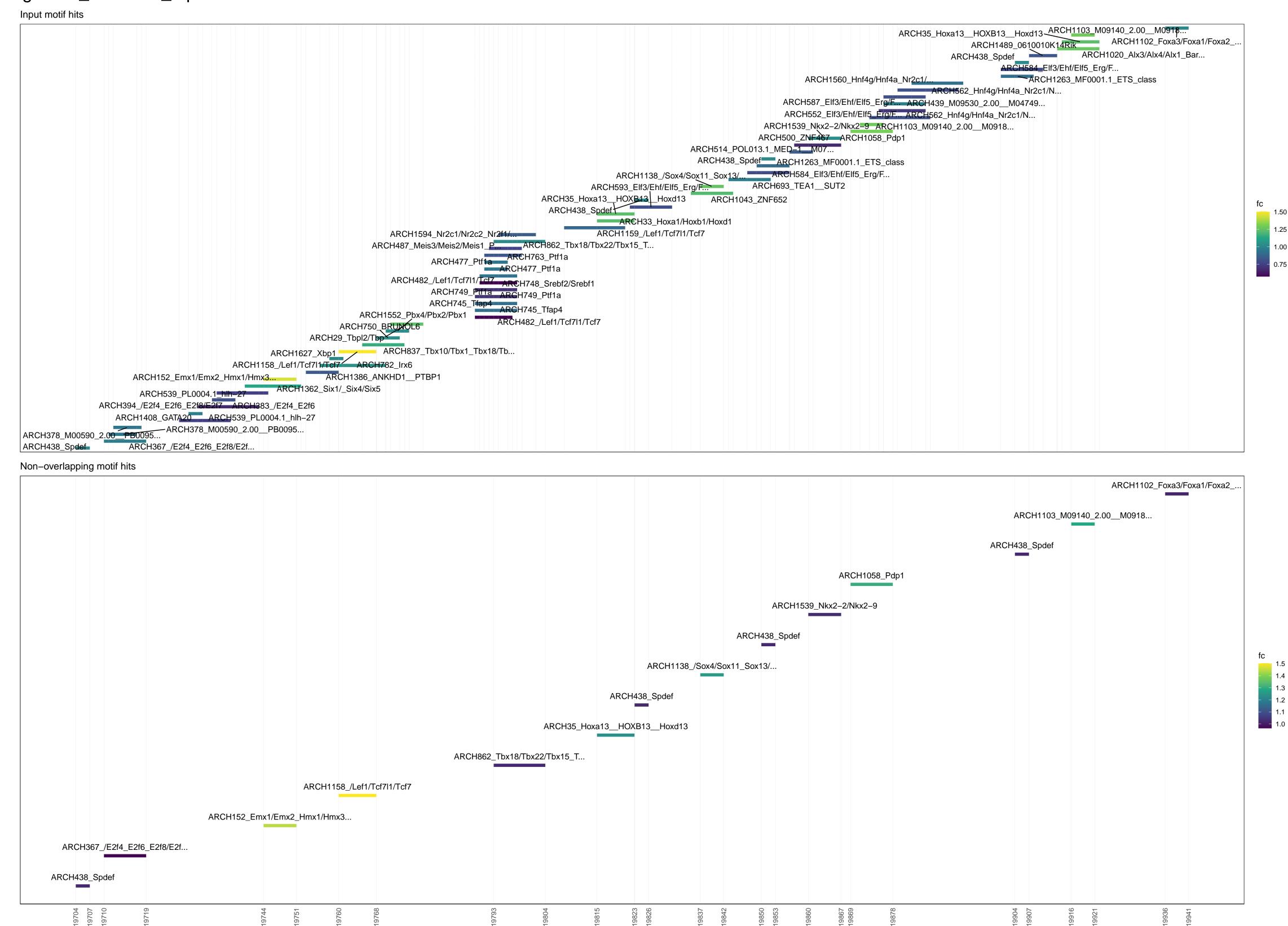
ARCH483_Tbx3/Tbx2

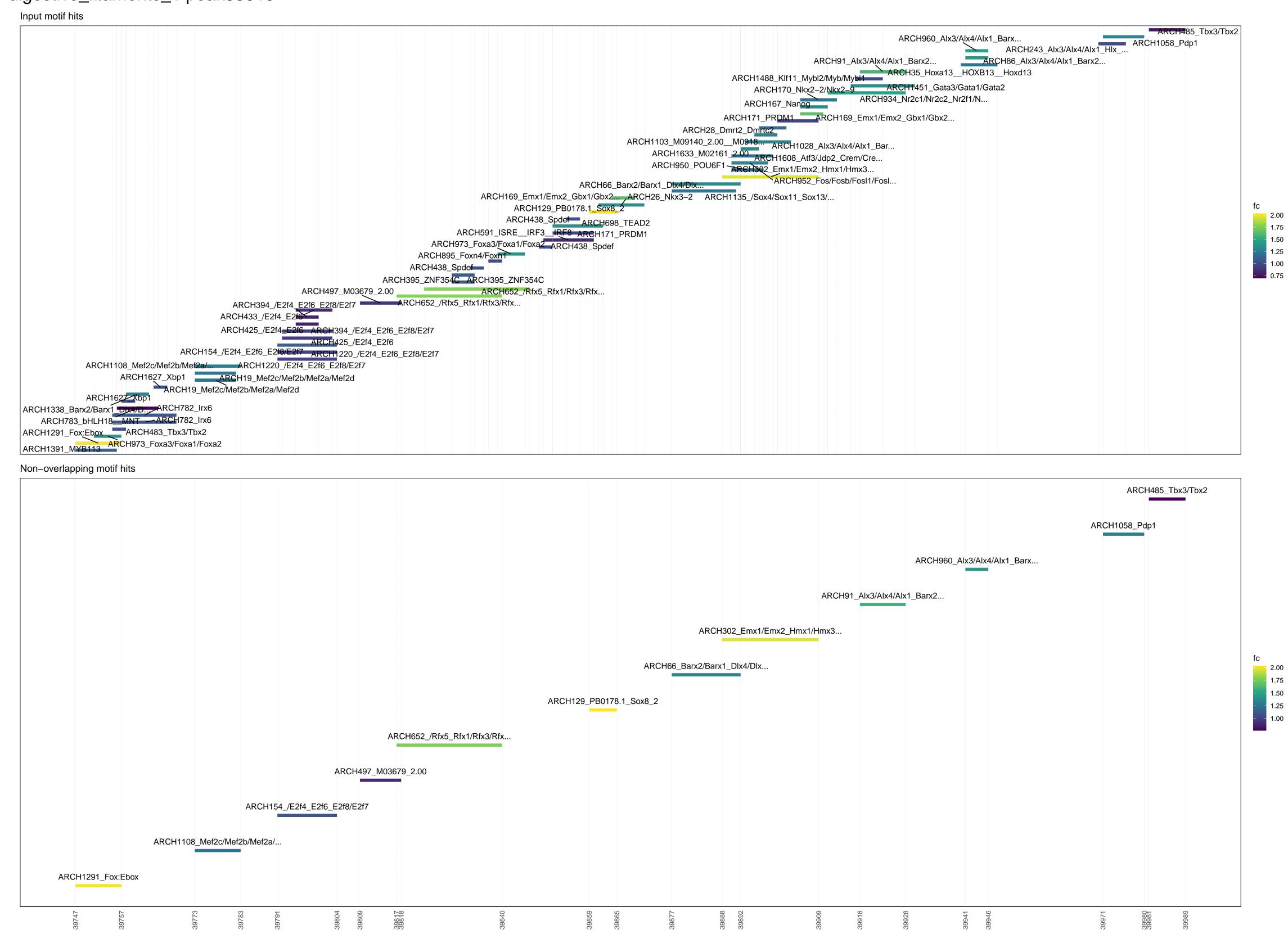
muscle_mesentery_retractor peak46373

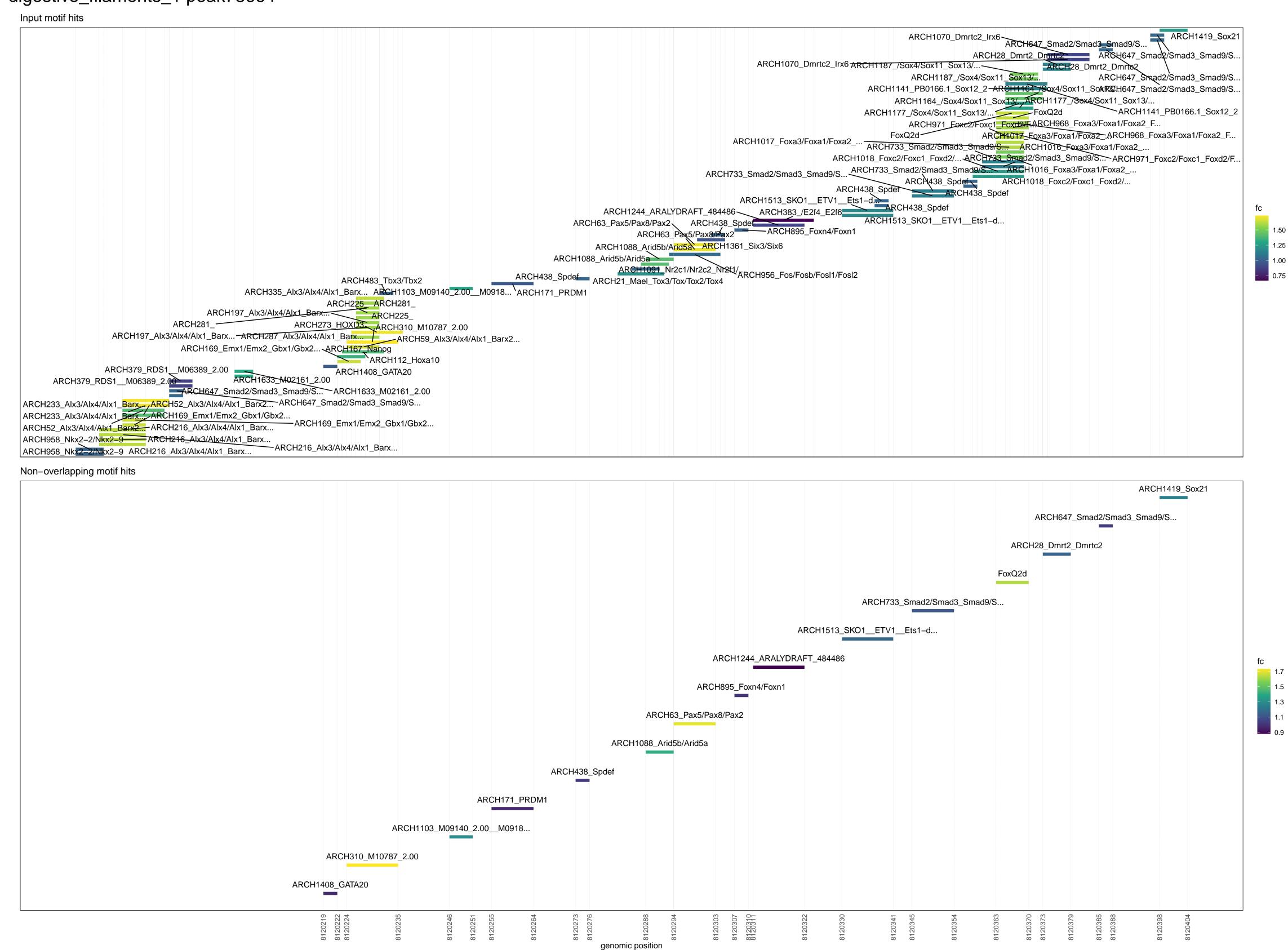


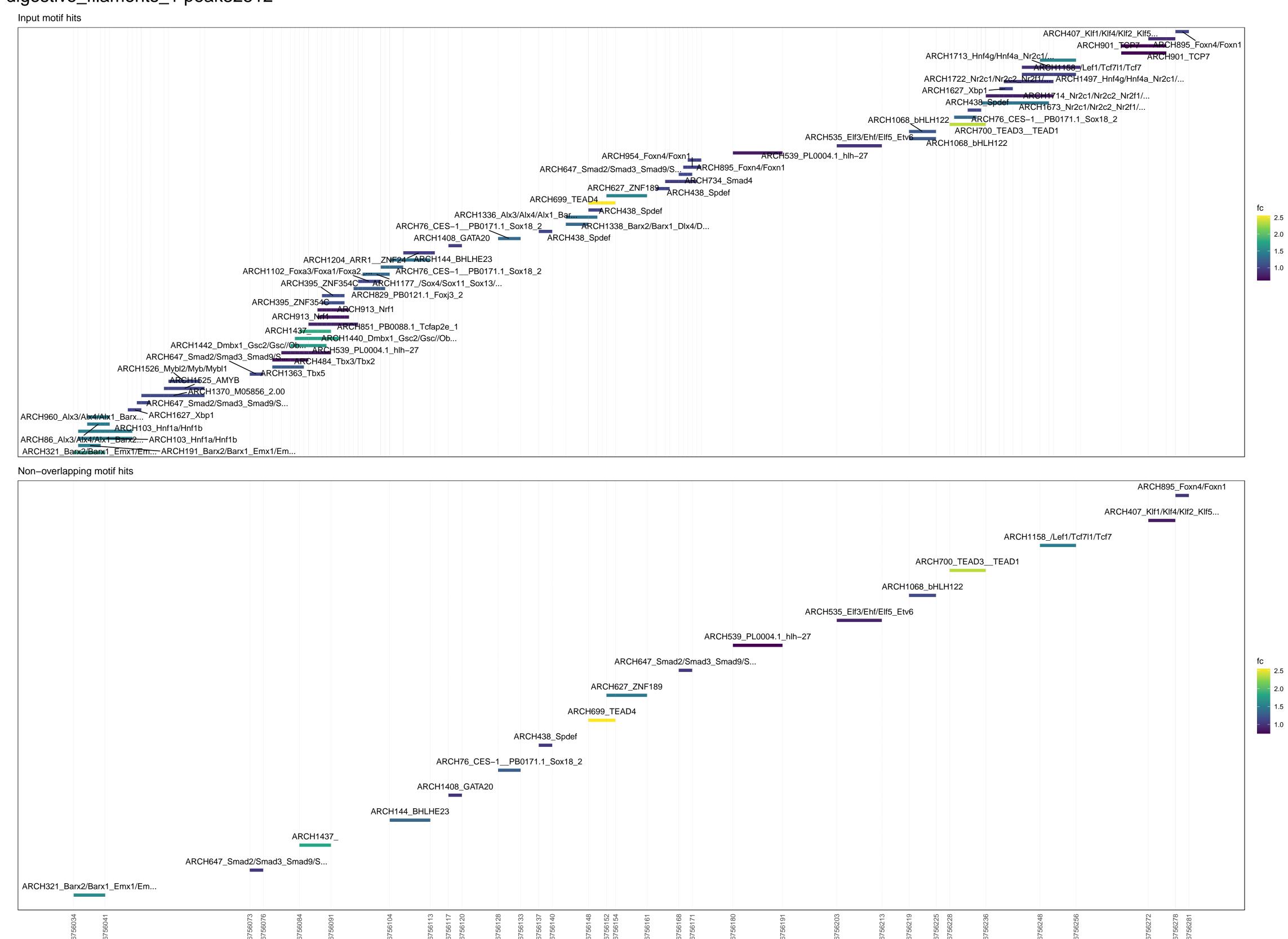


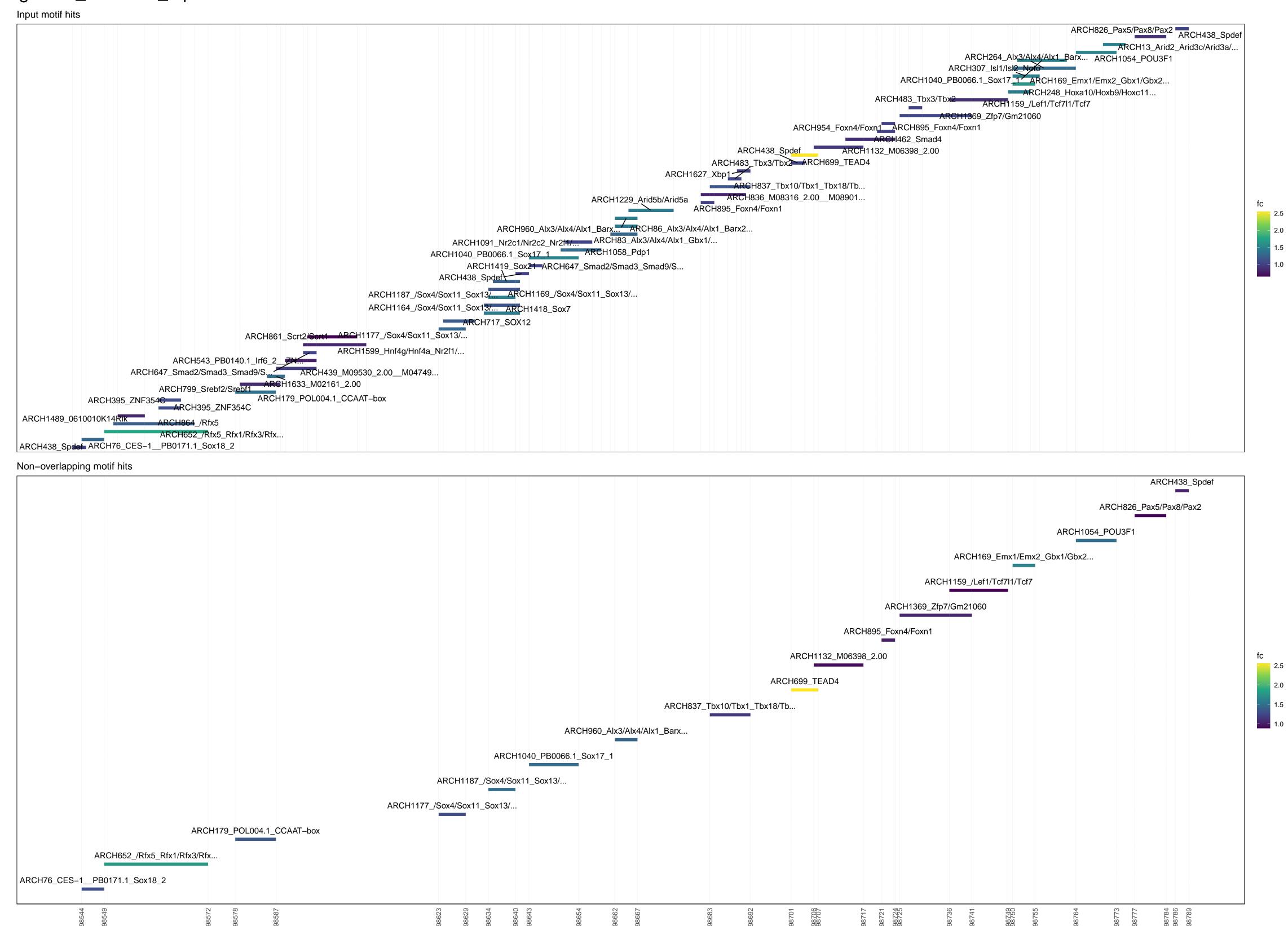


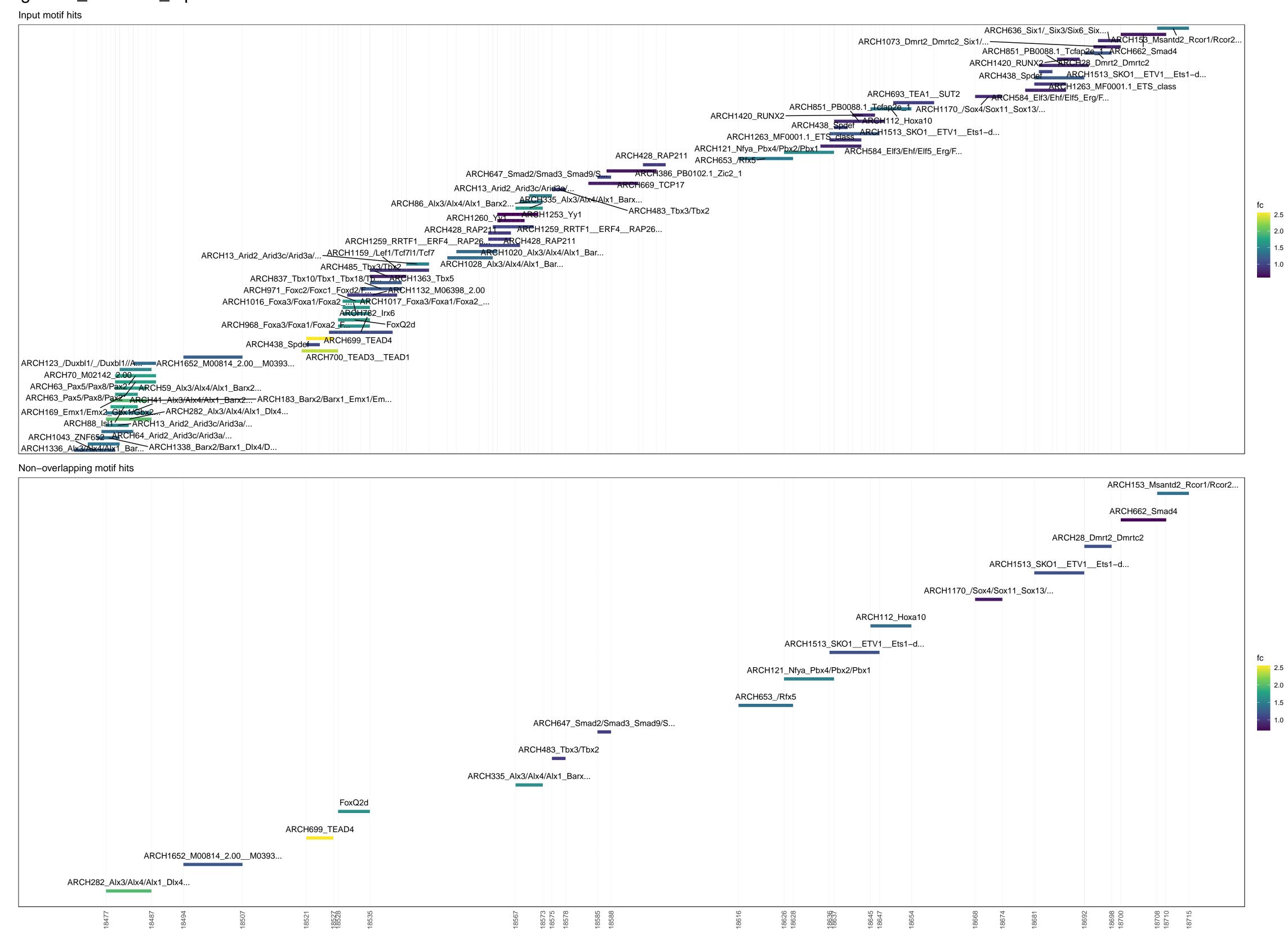


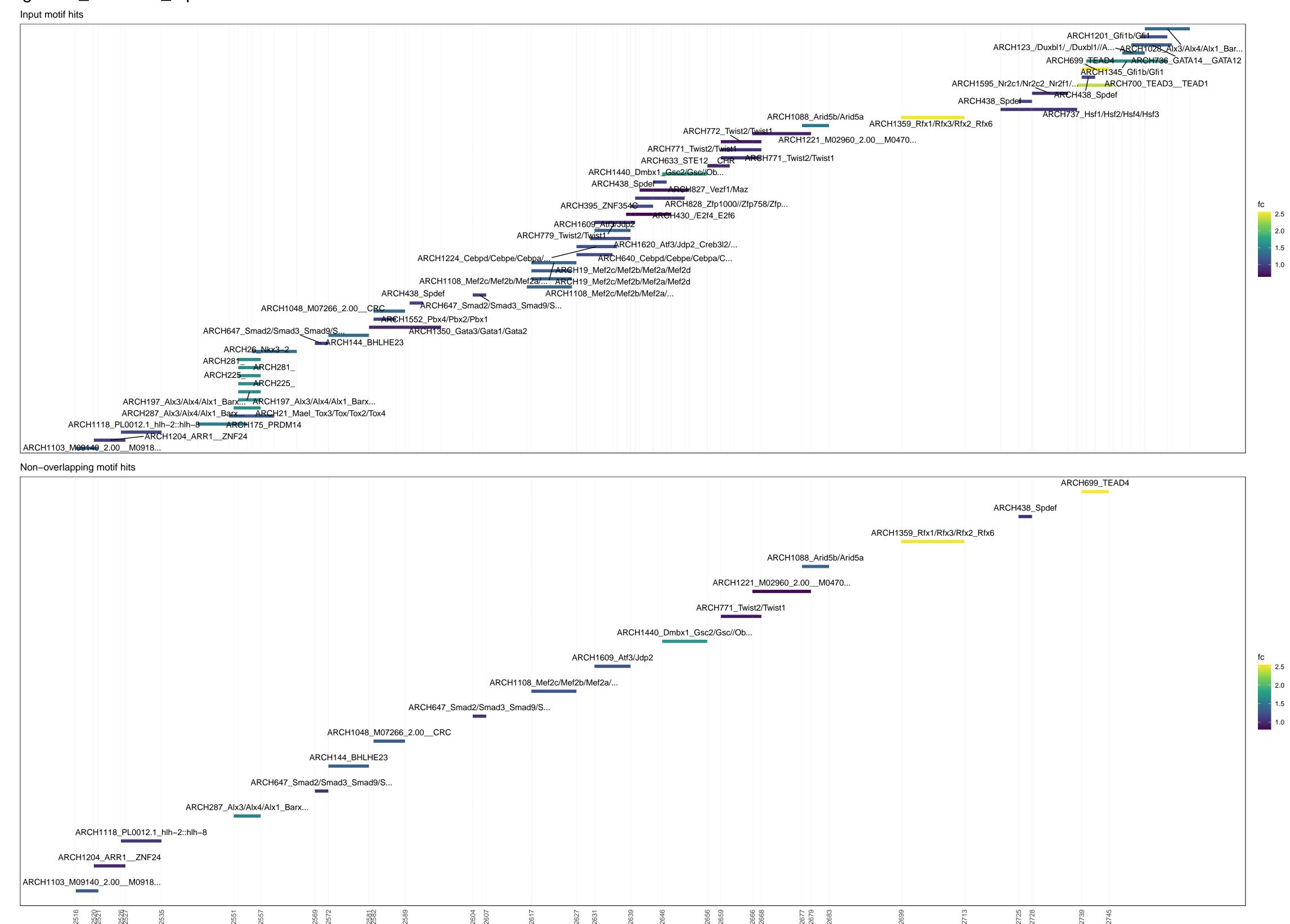


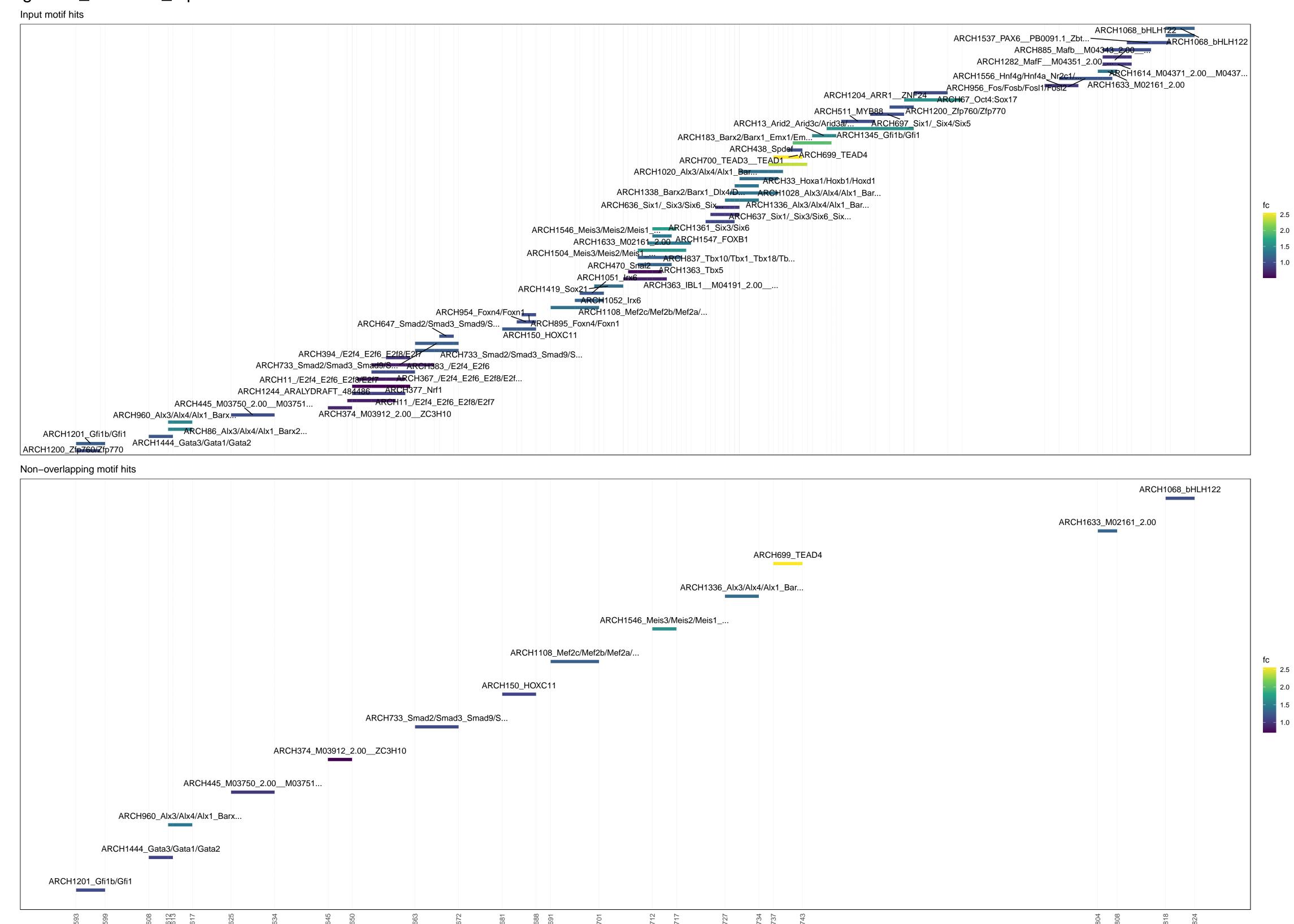


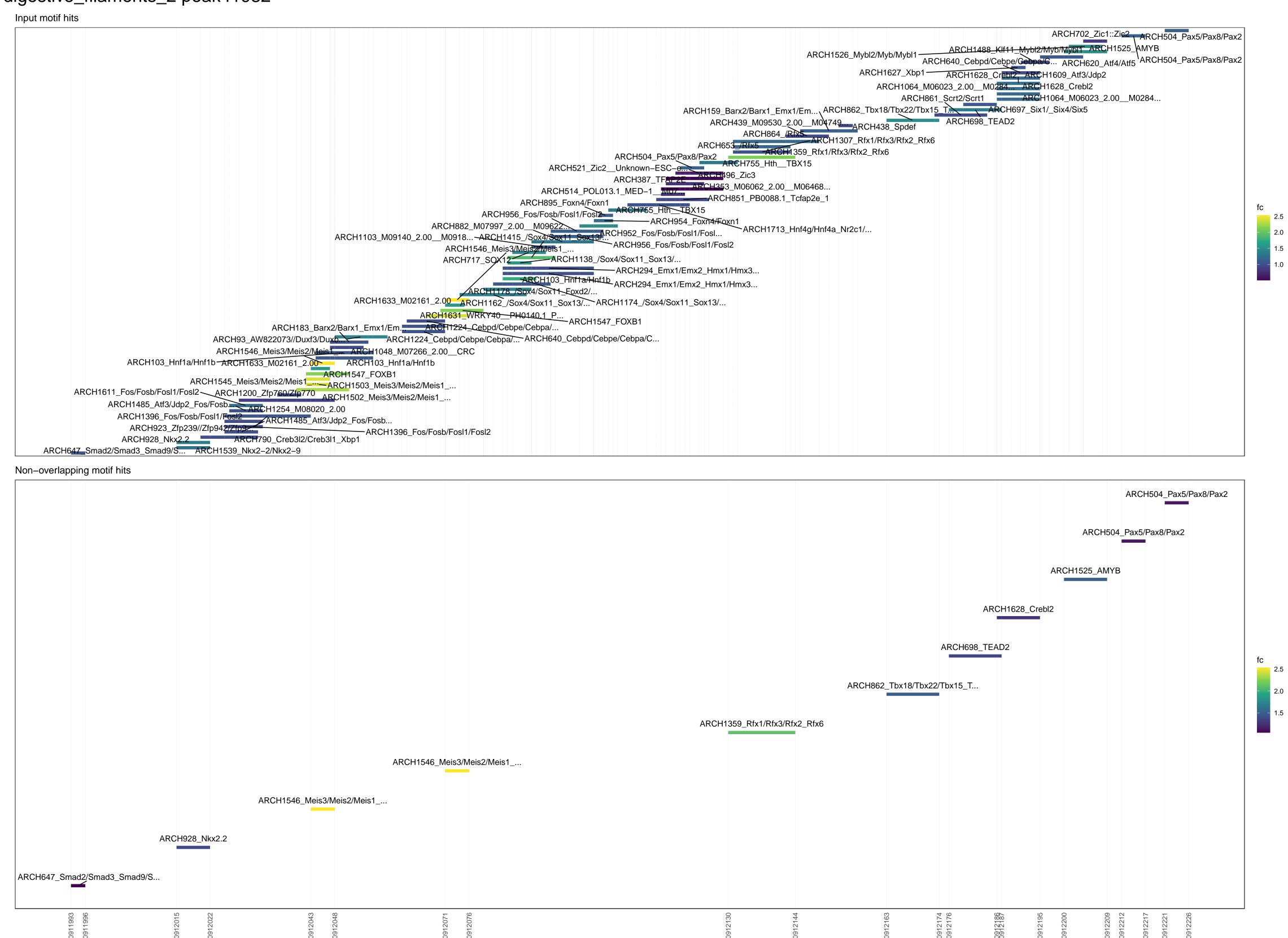


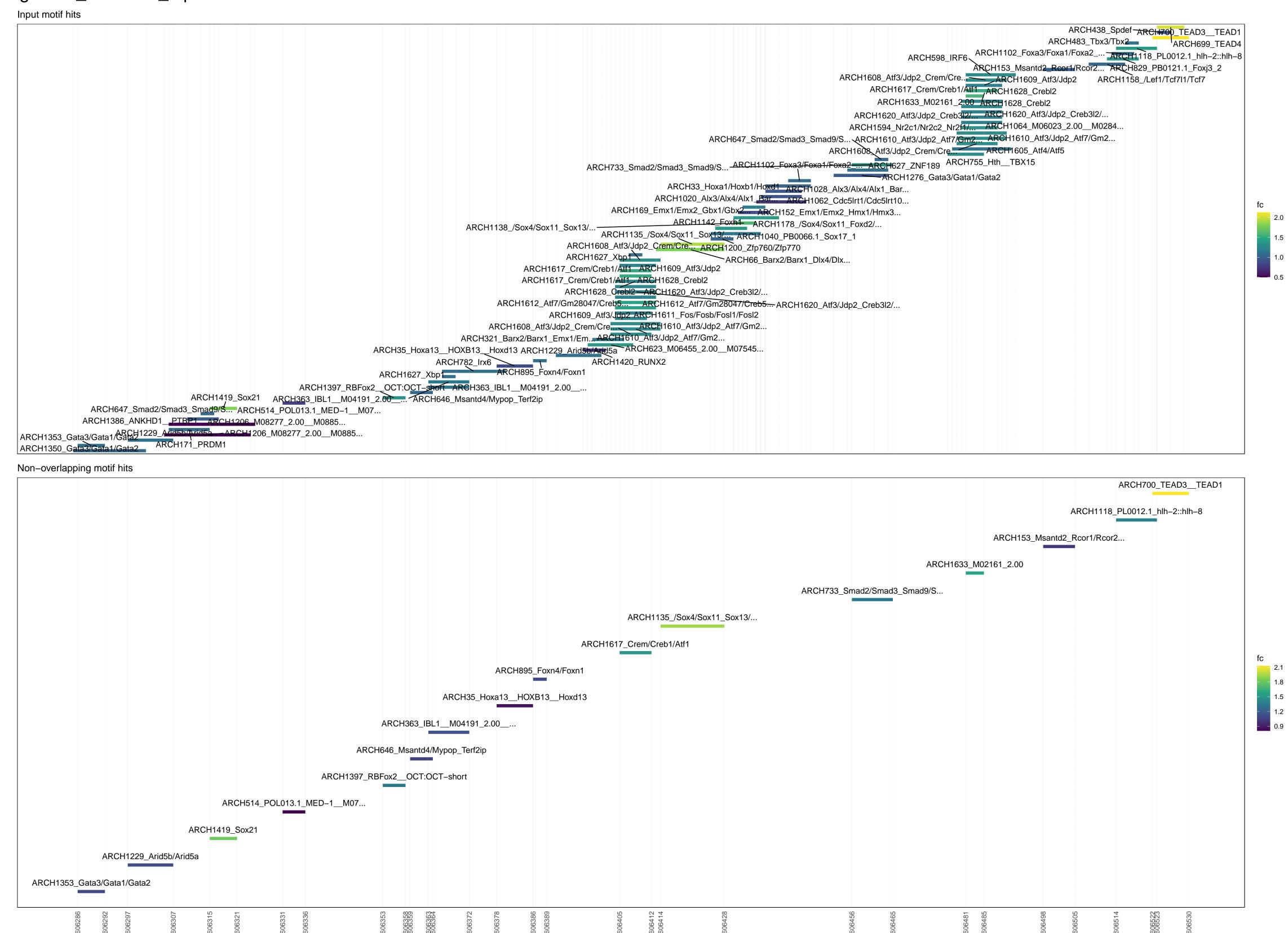


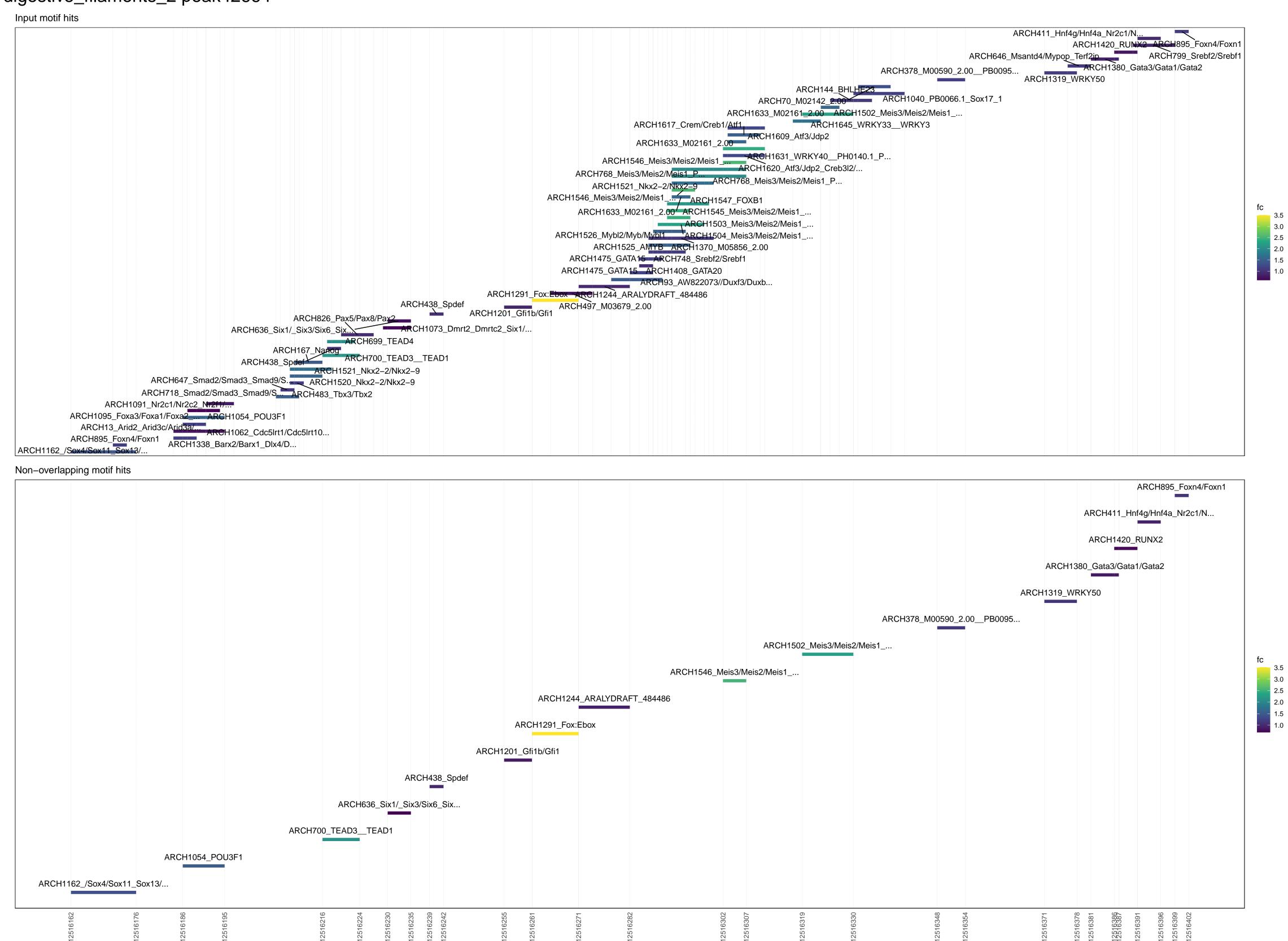


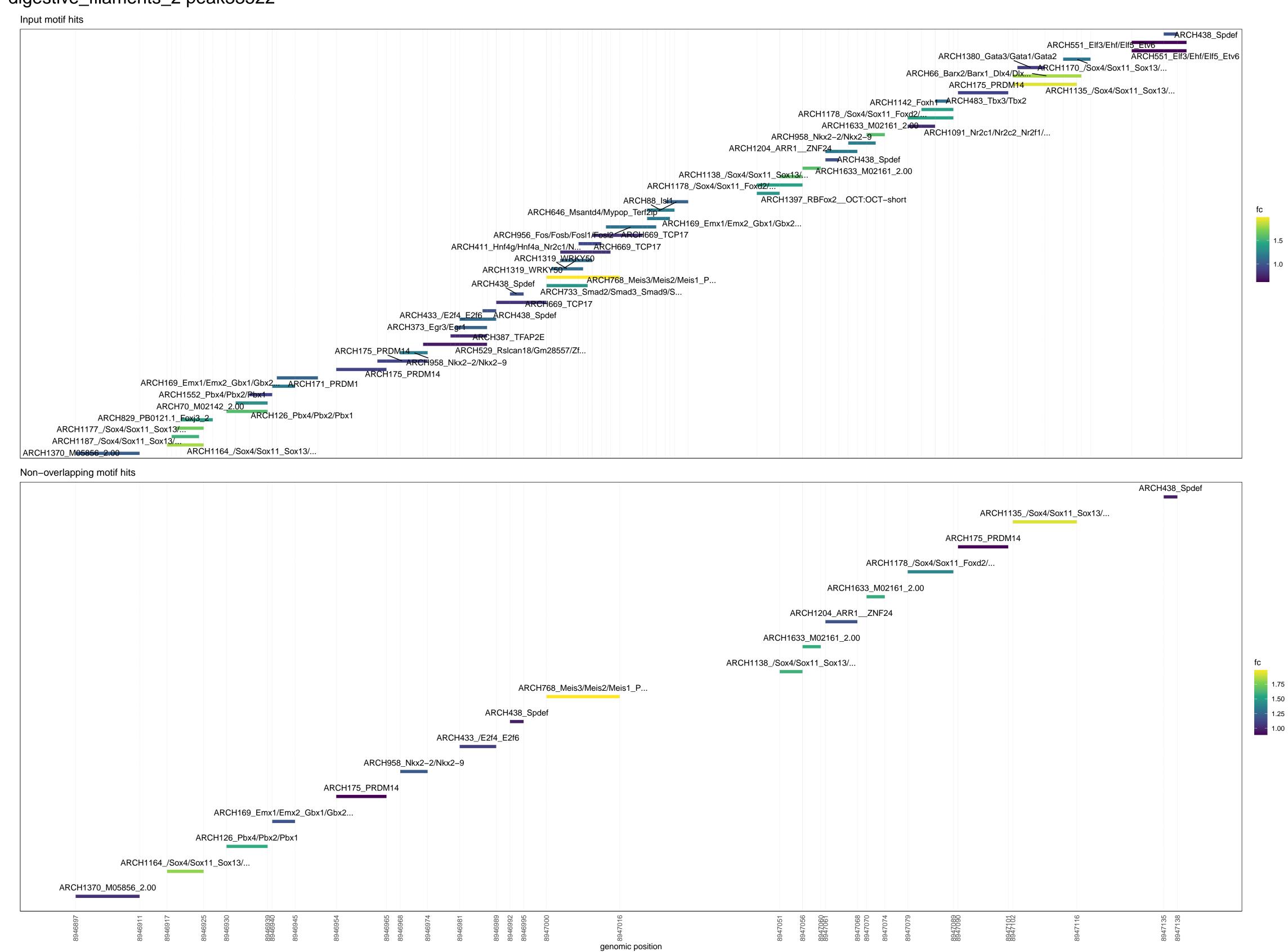


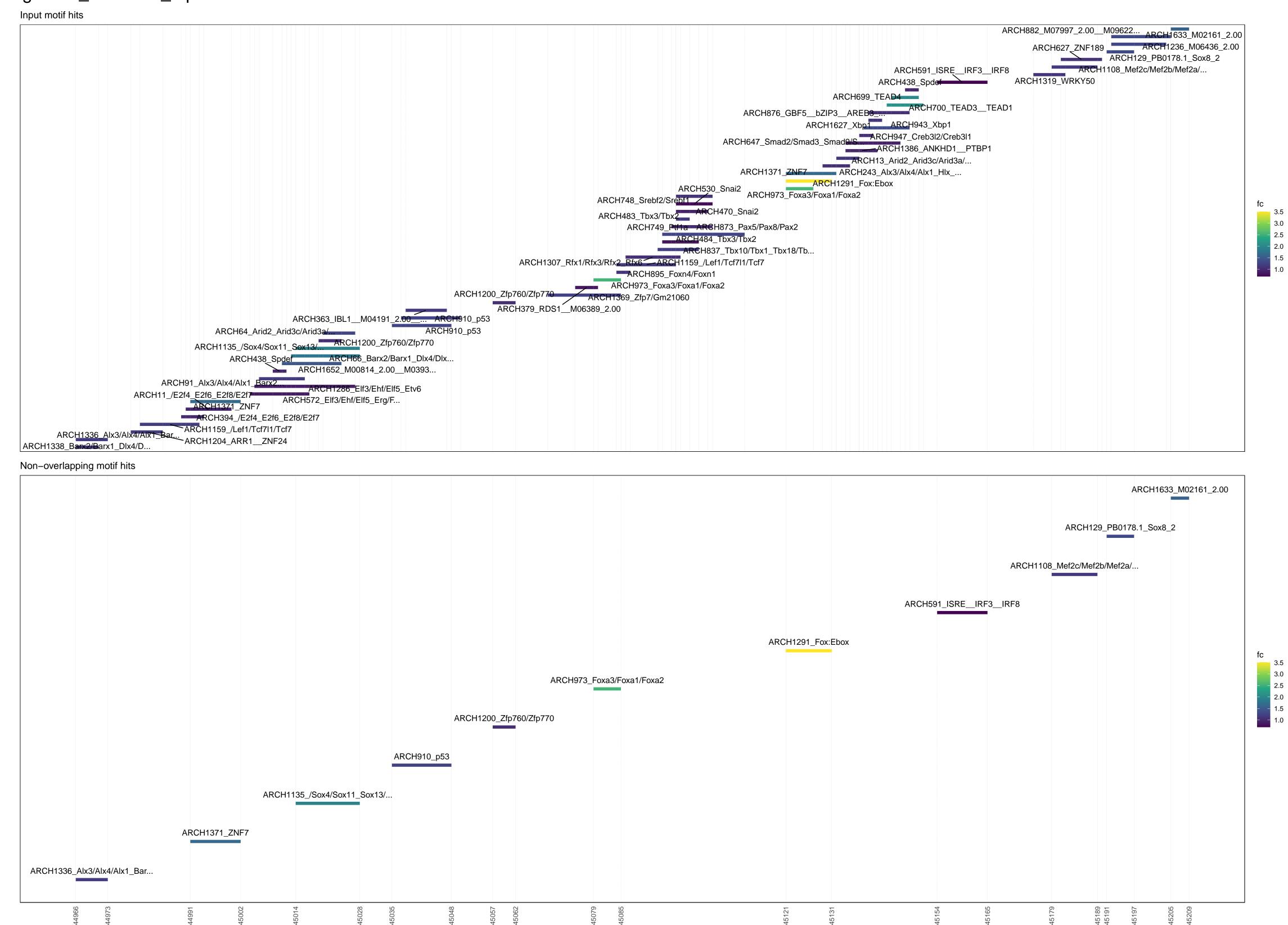


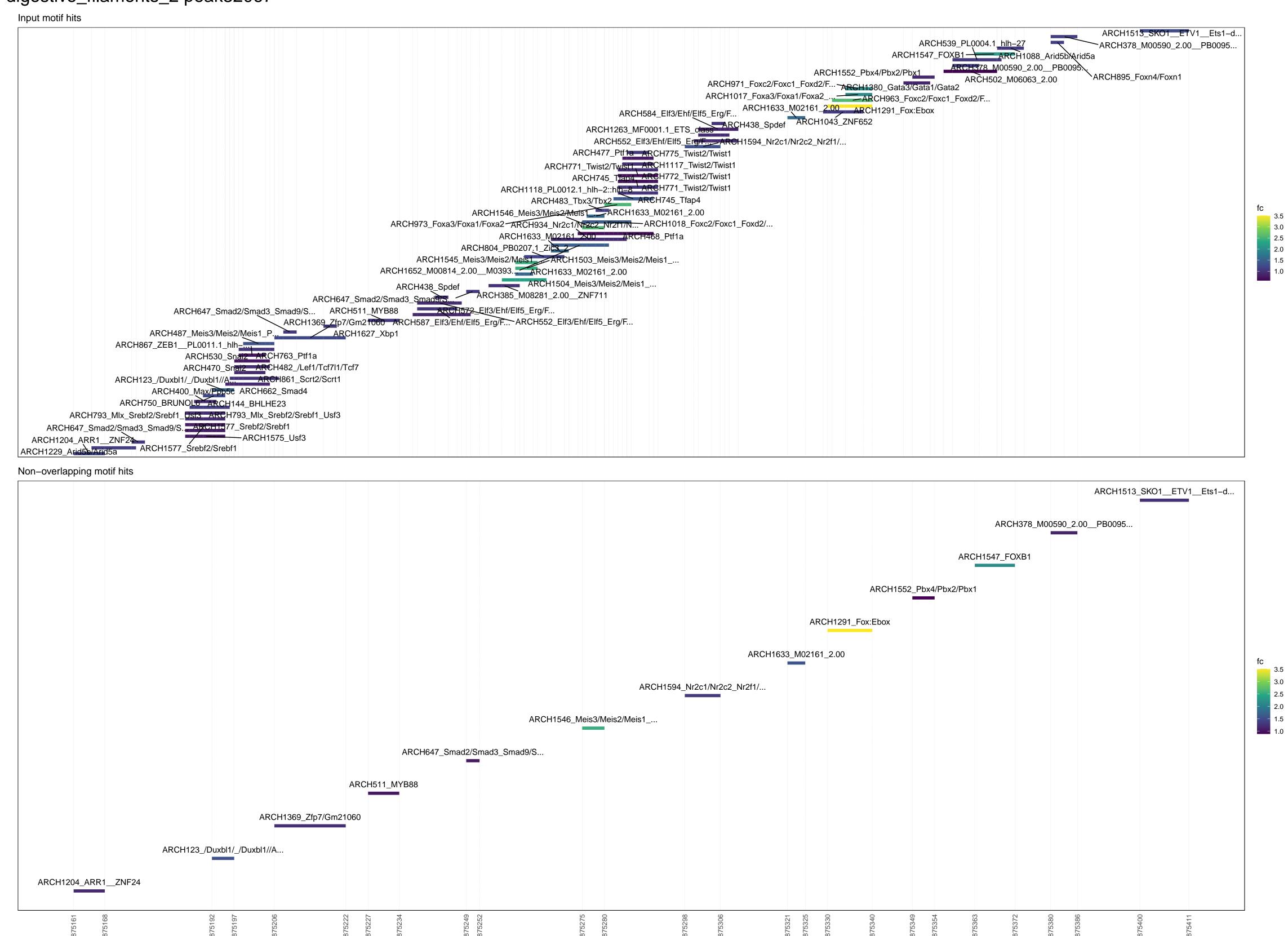


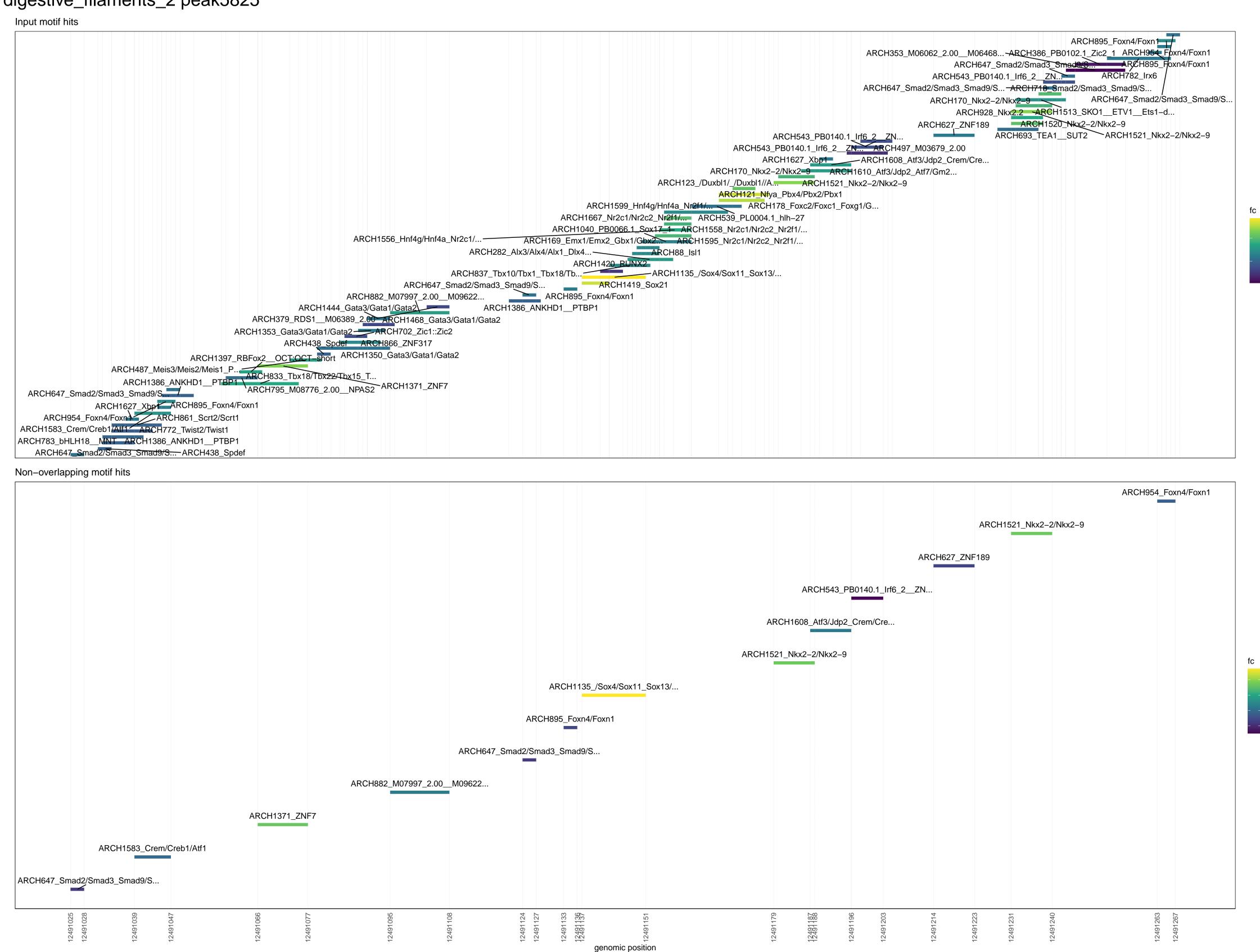










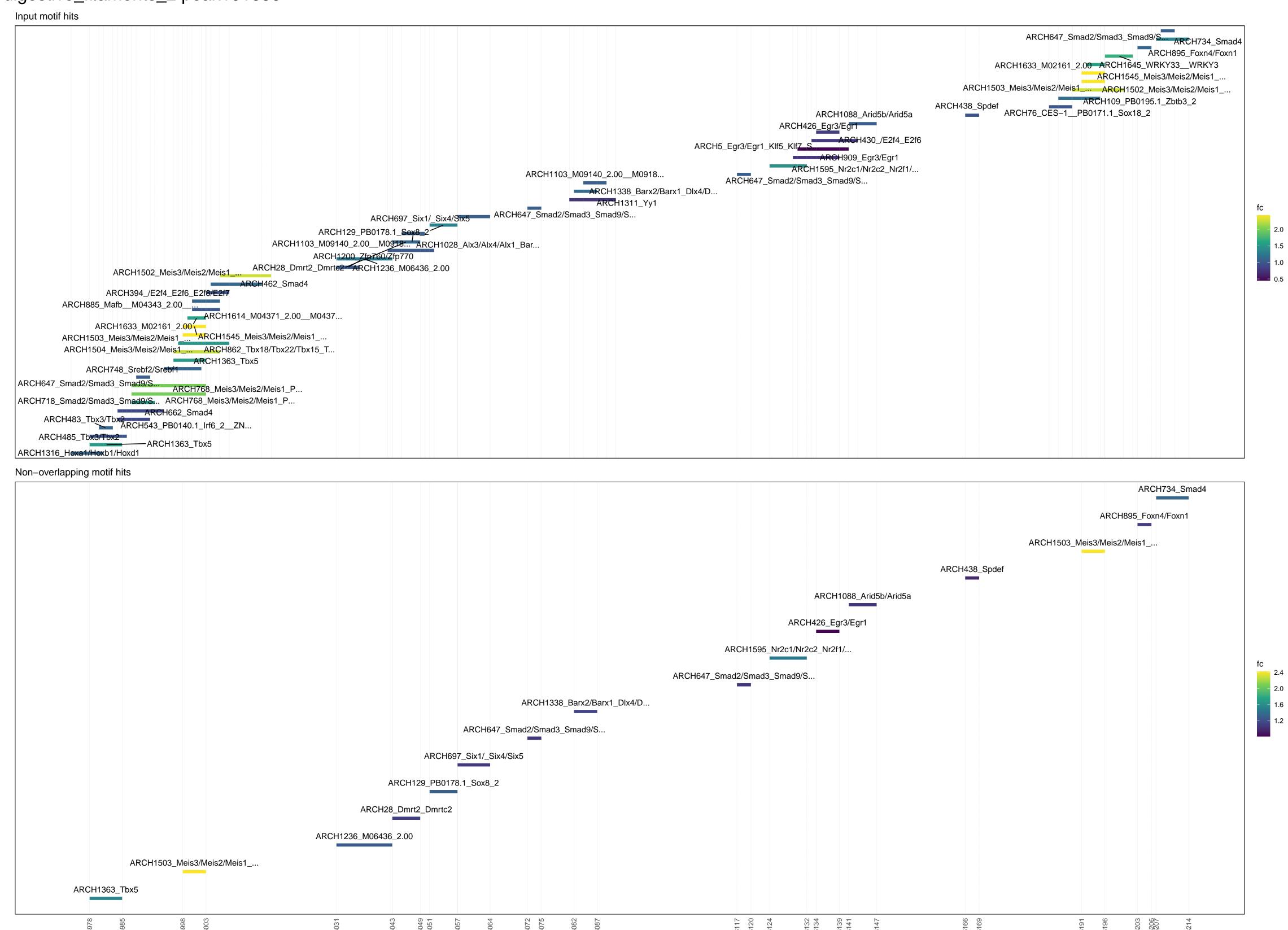


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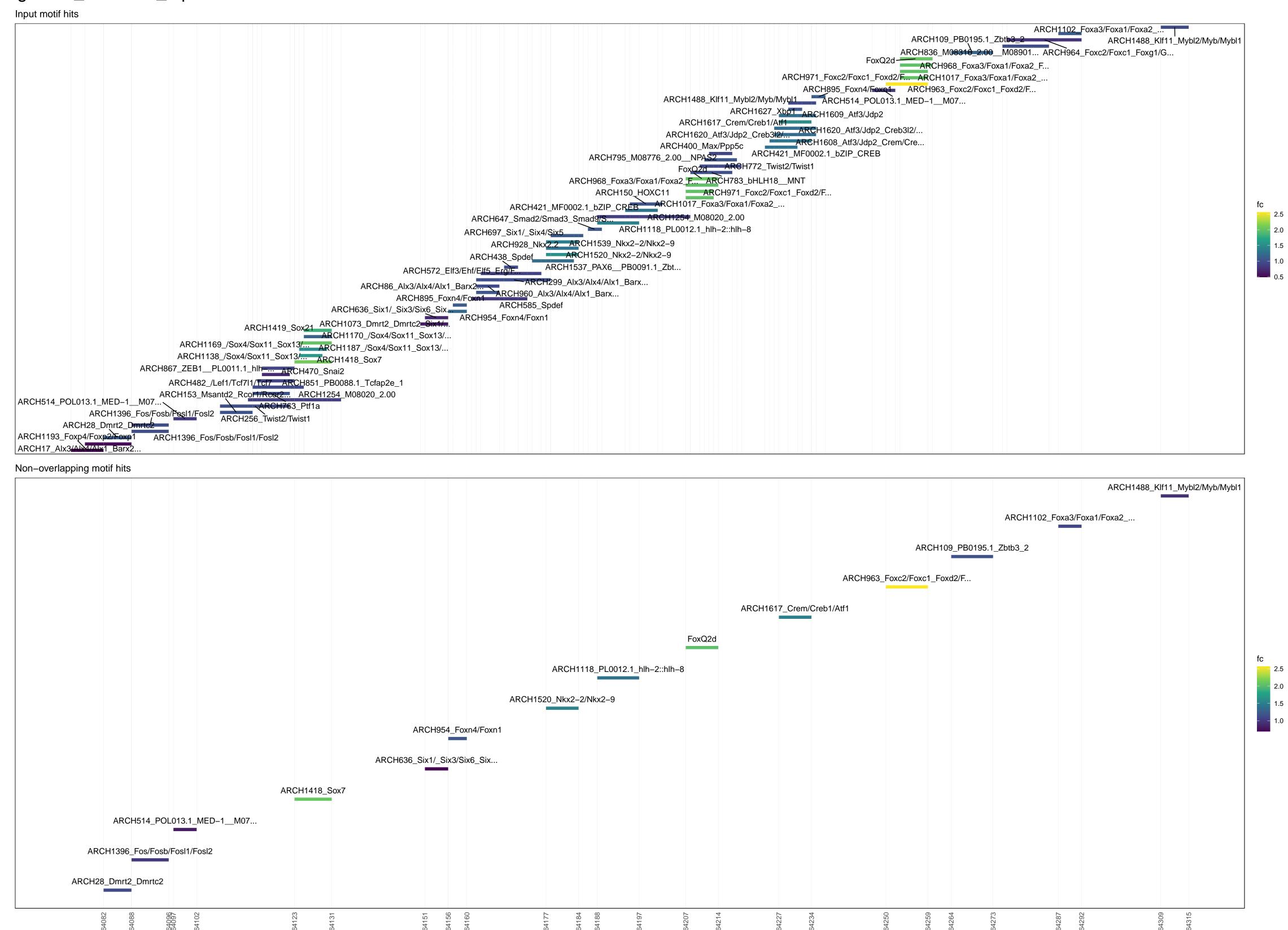
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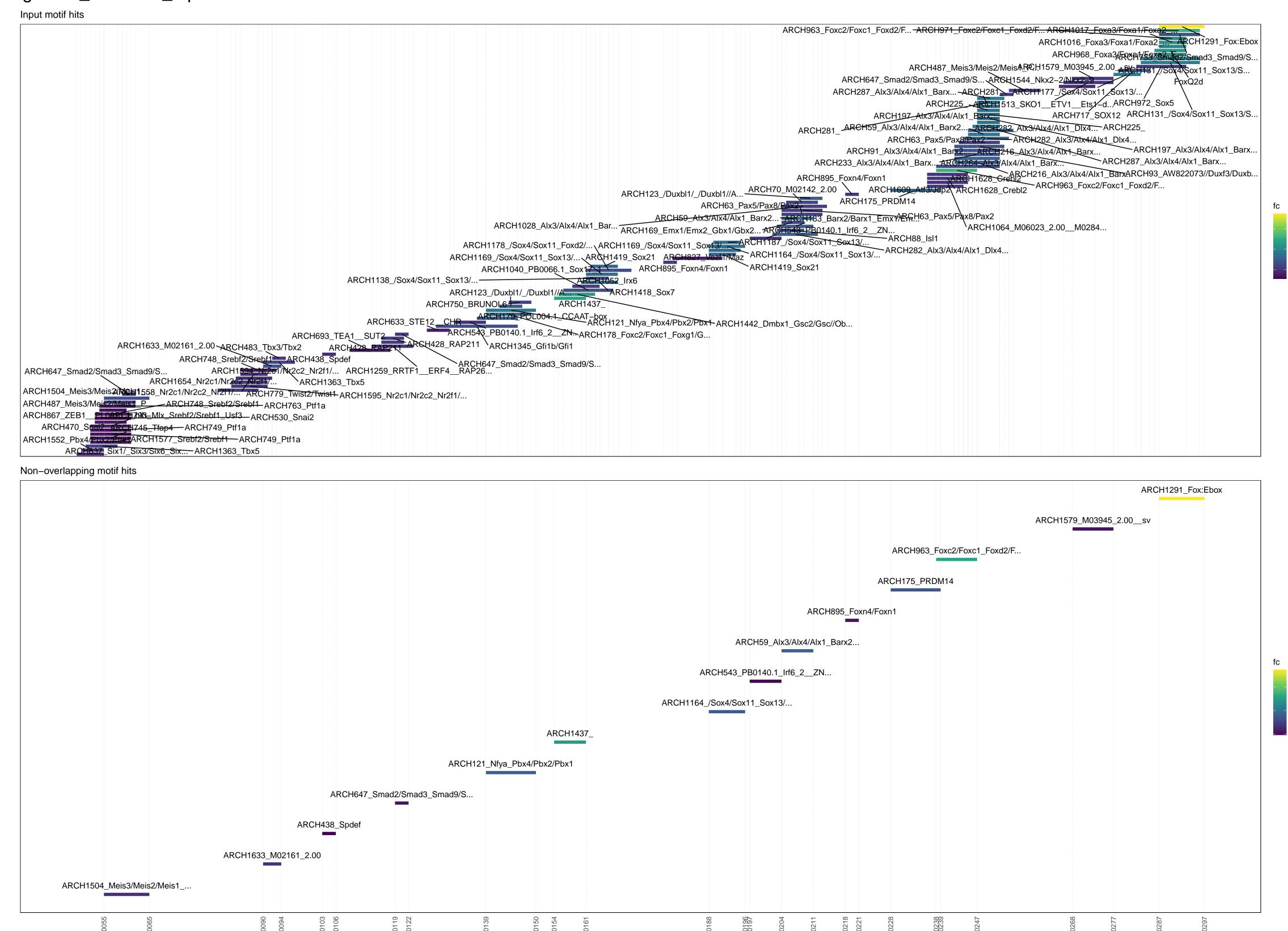
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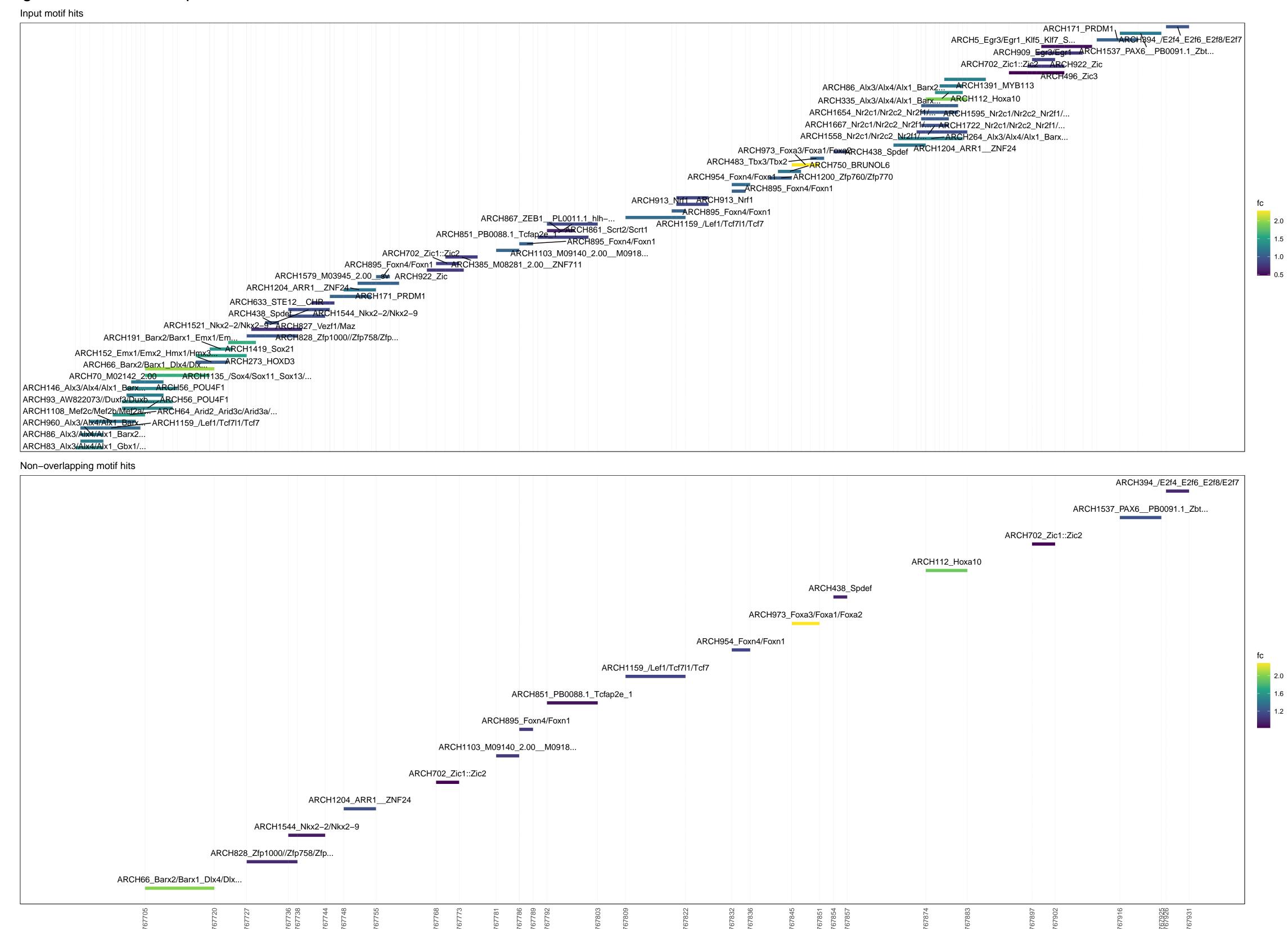
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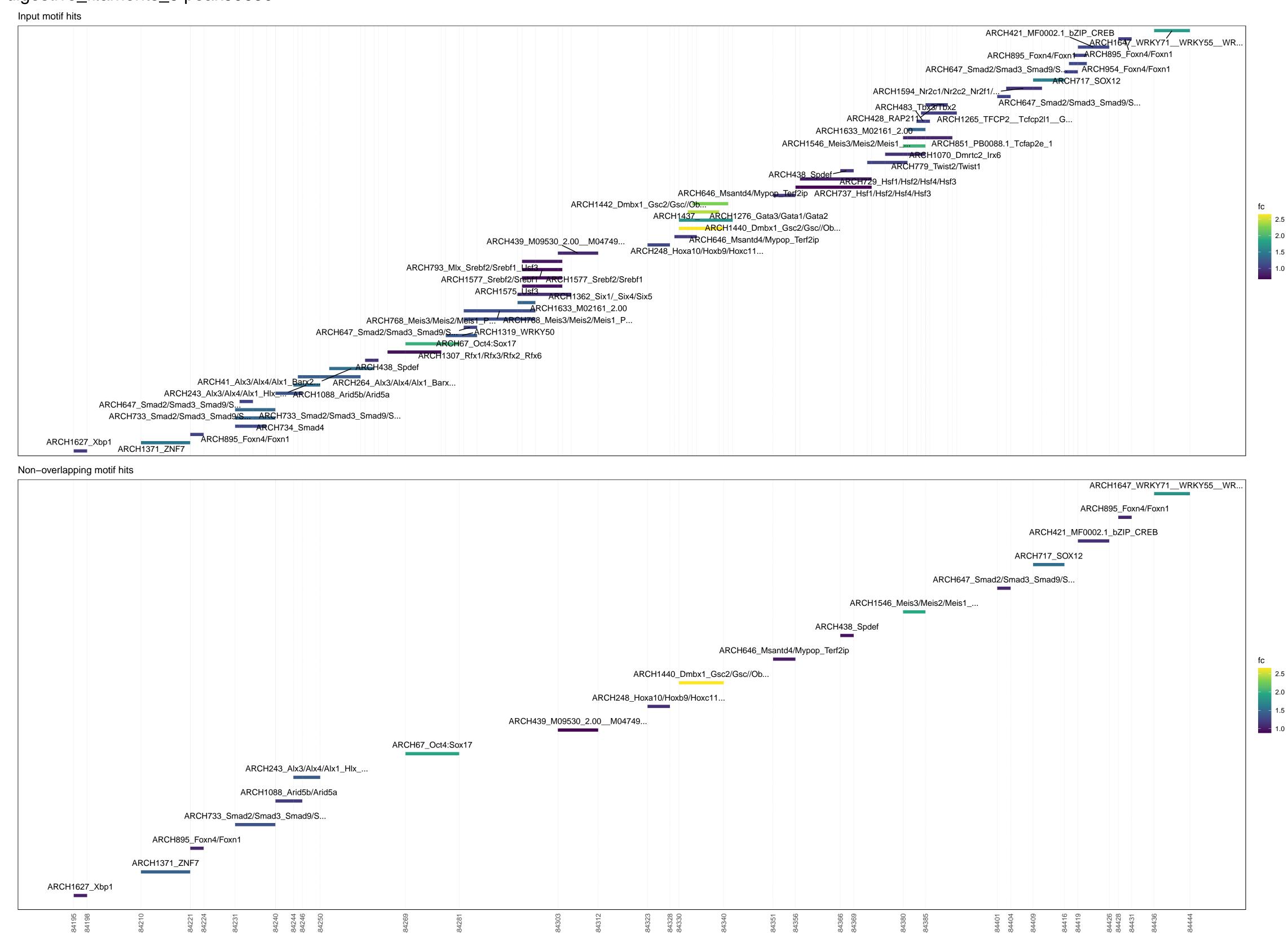


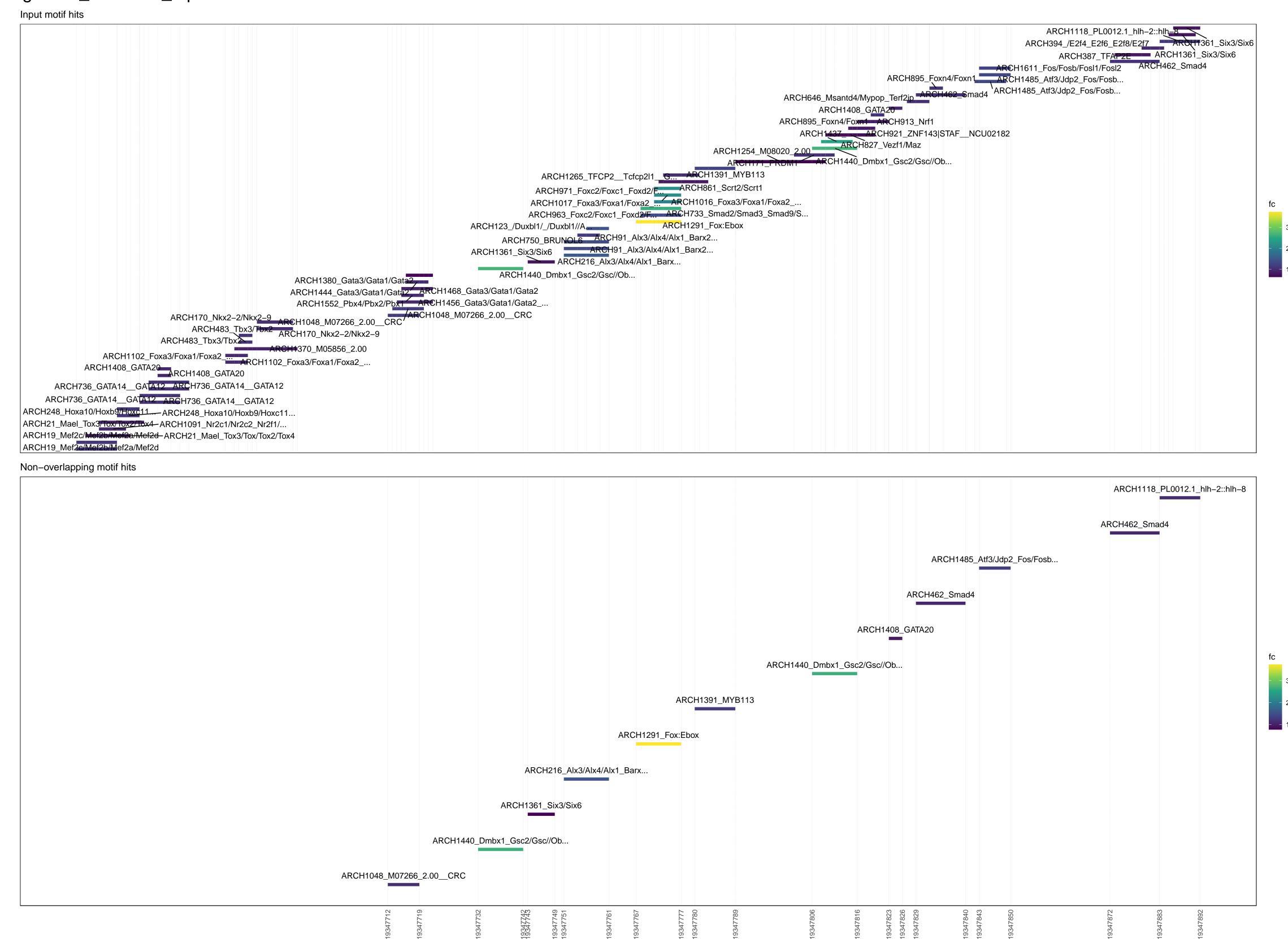
FoxQ2d

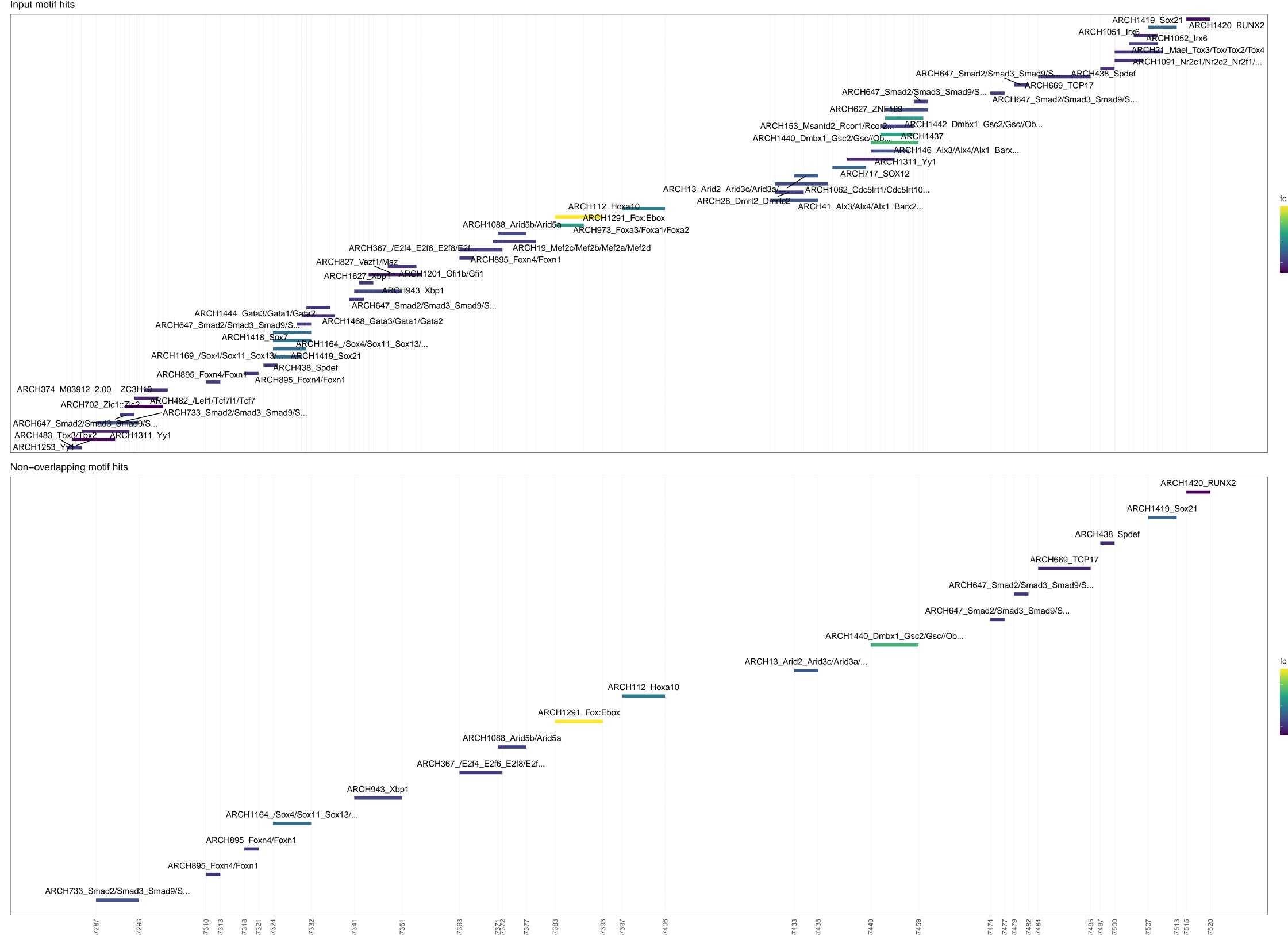


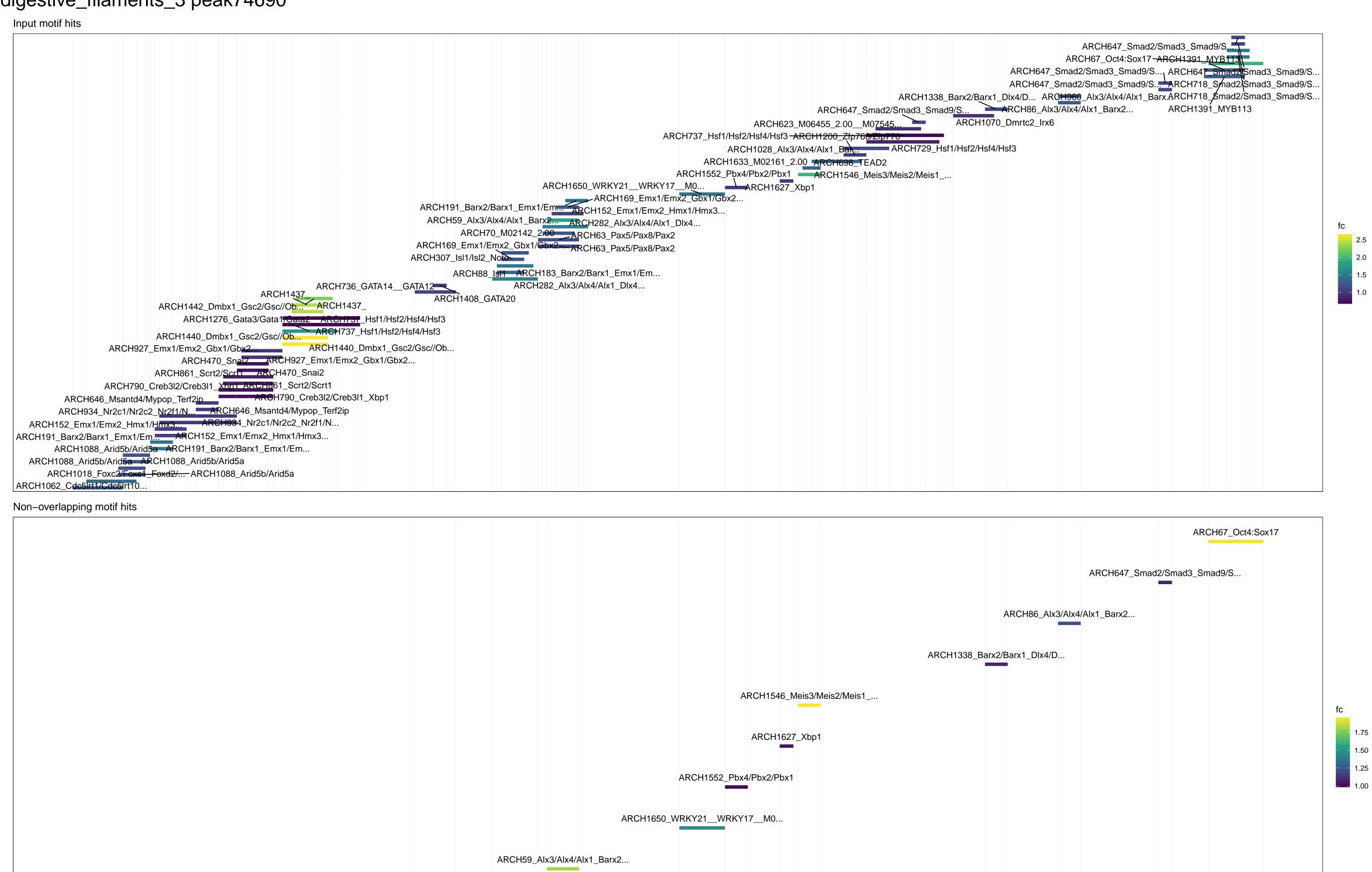






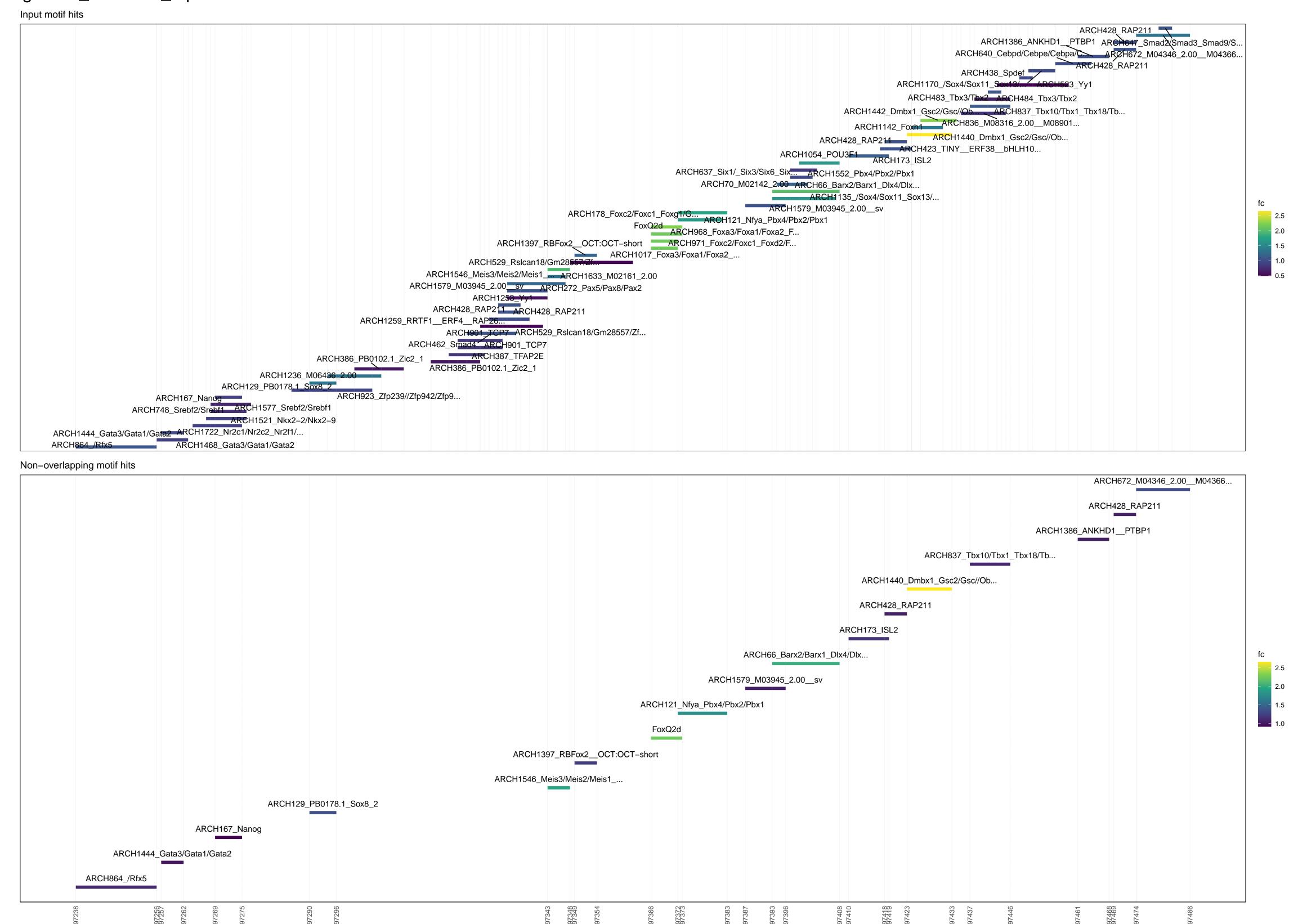


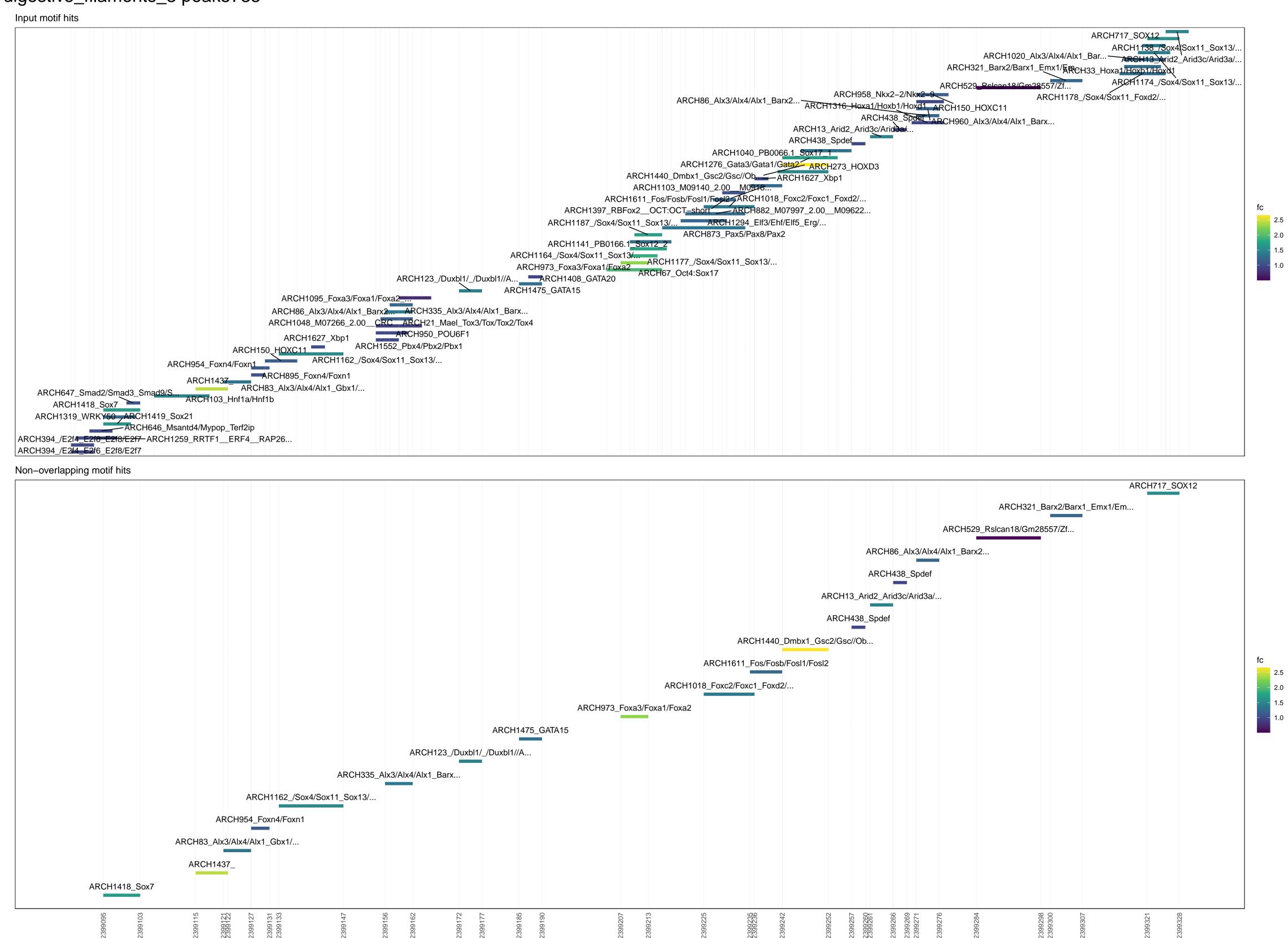


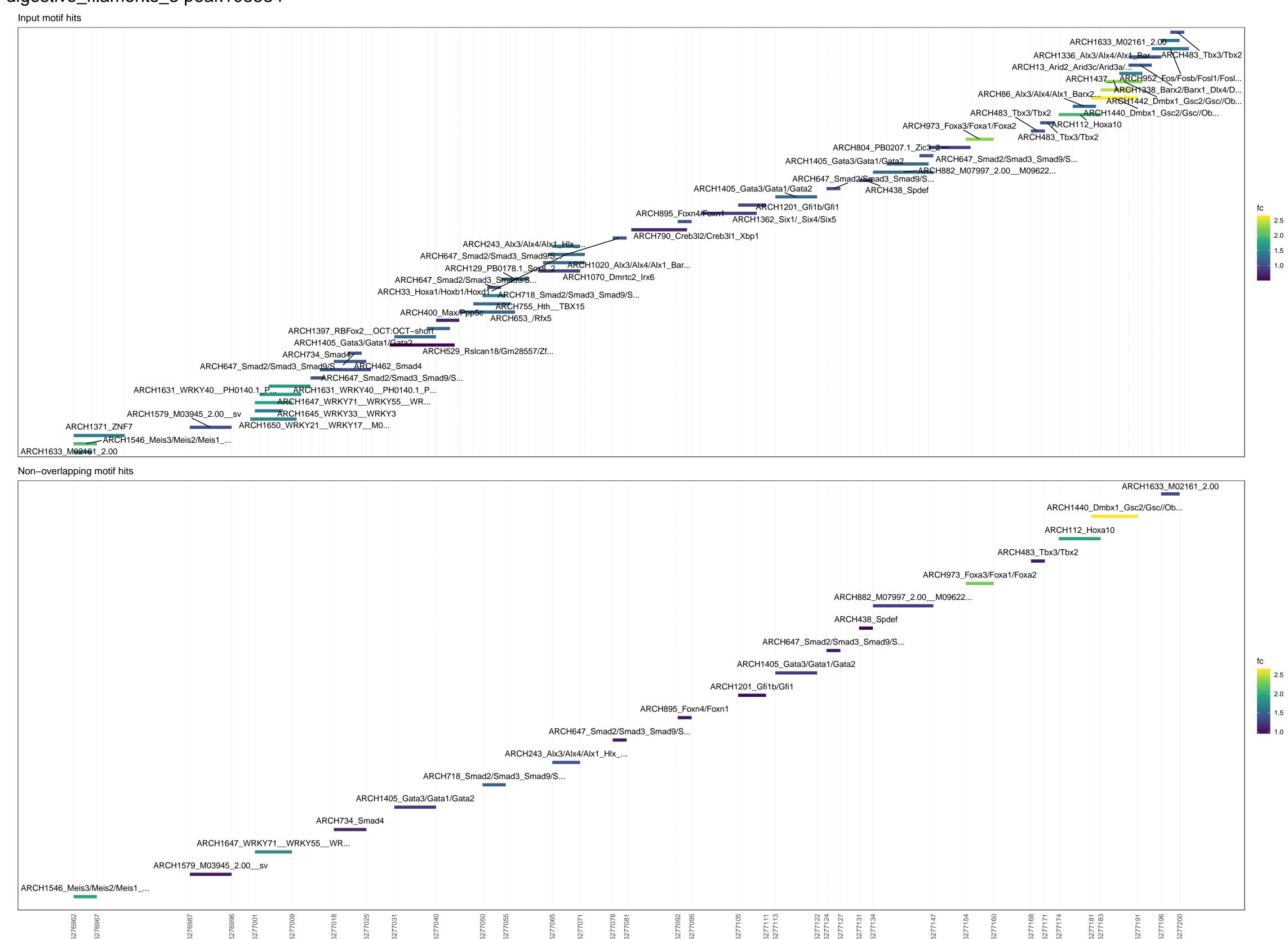


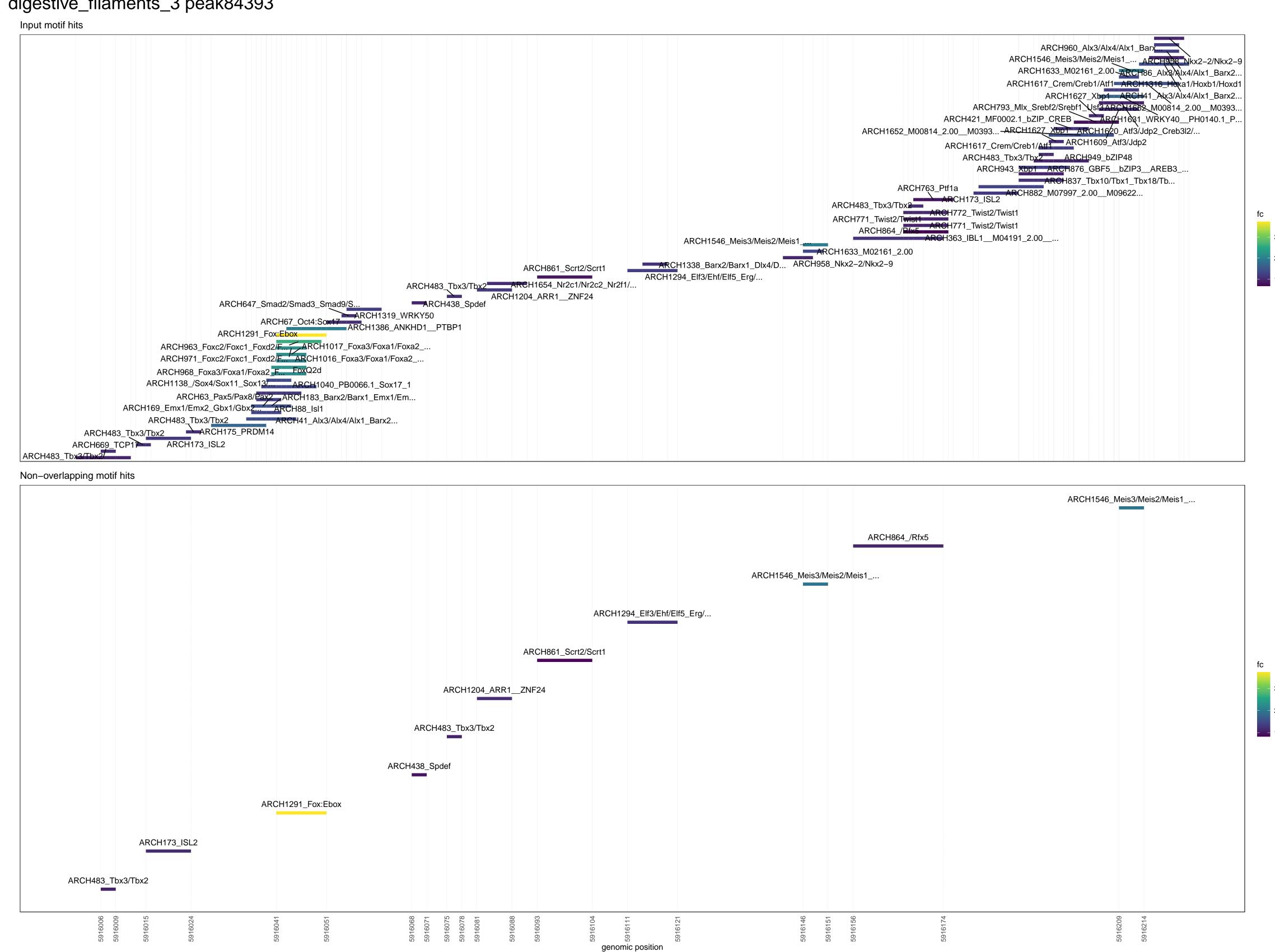
ARCH282_Alx3/Alx4/Alx1_Dlx4...

ARCH736_GATA14__GATA12

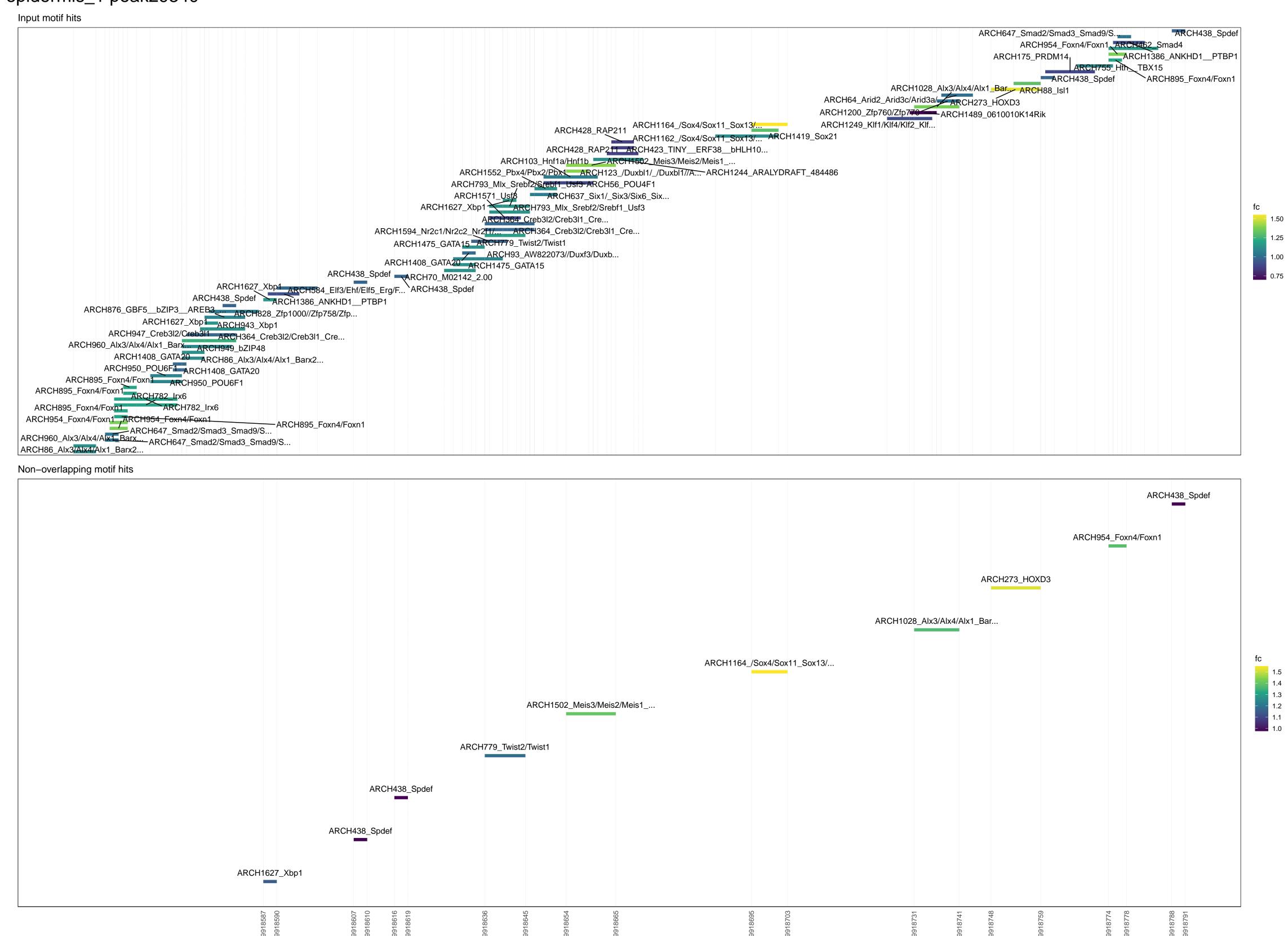


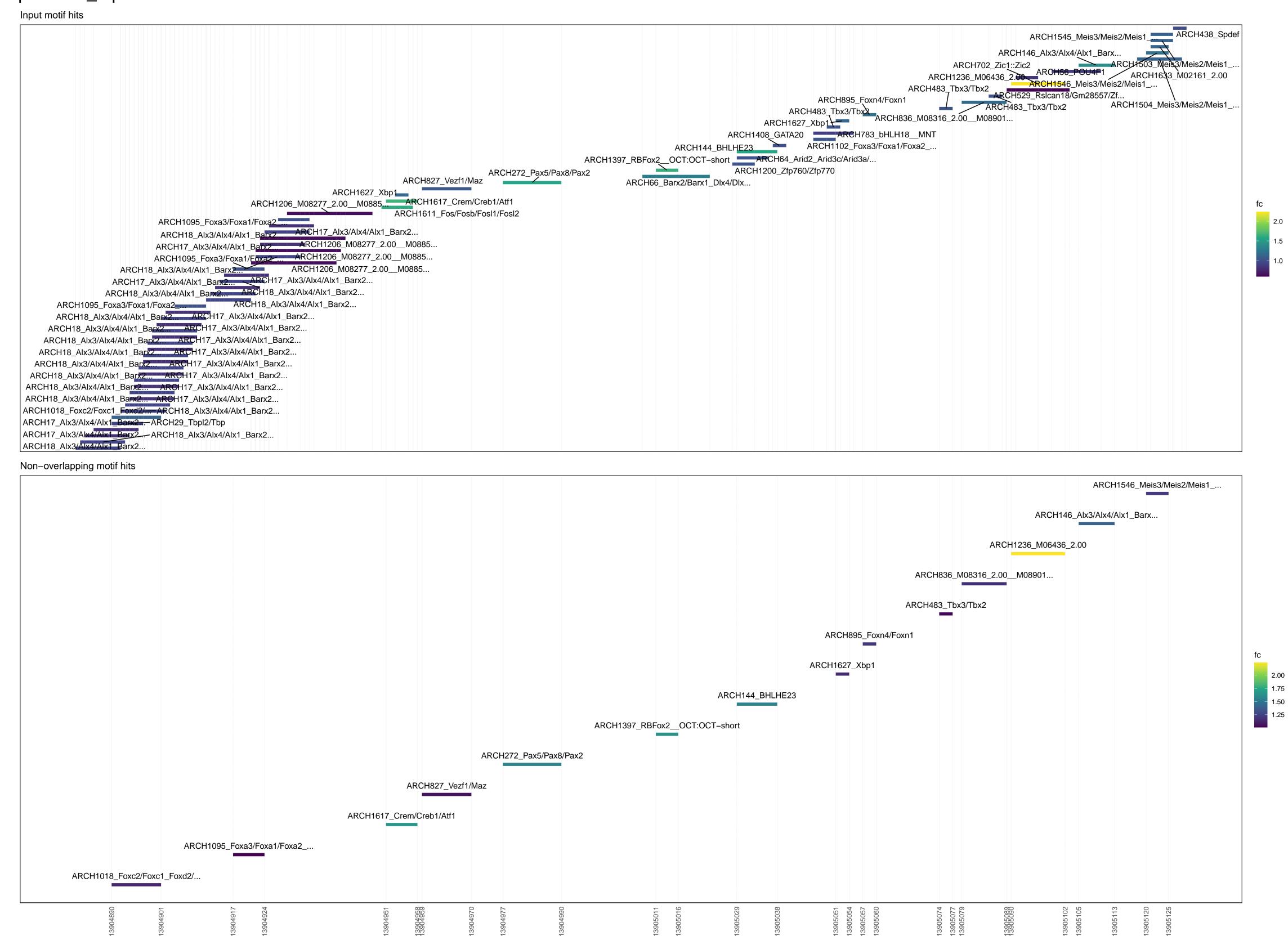


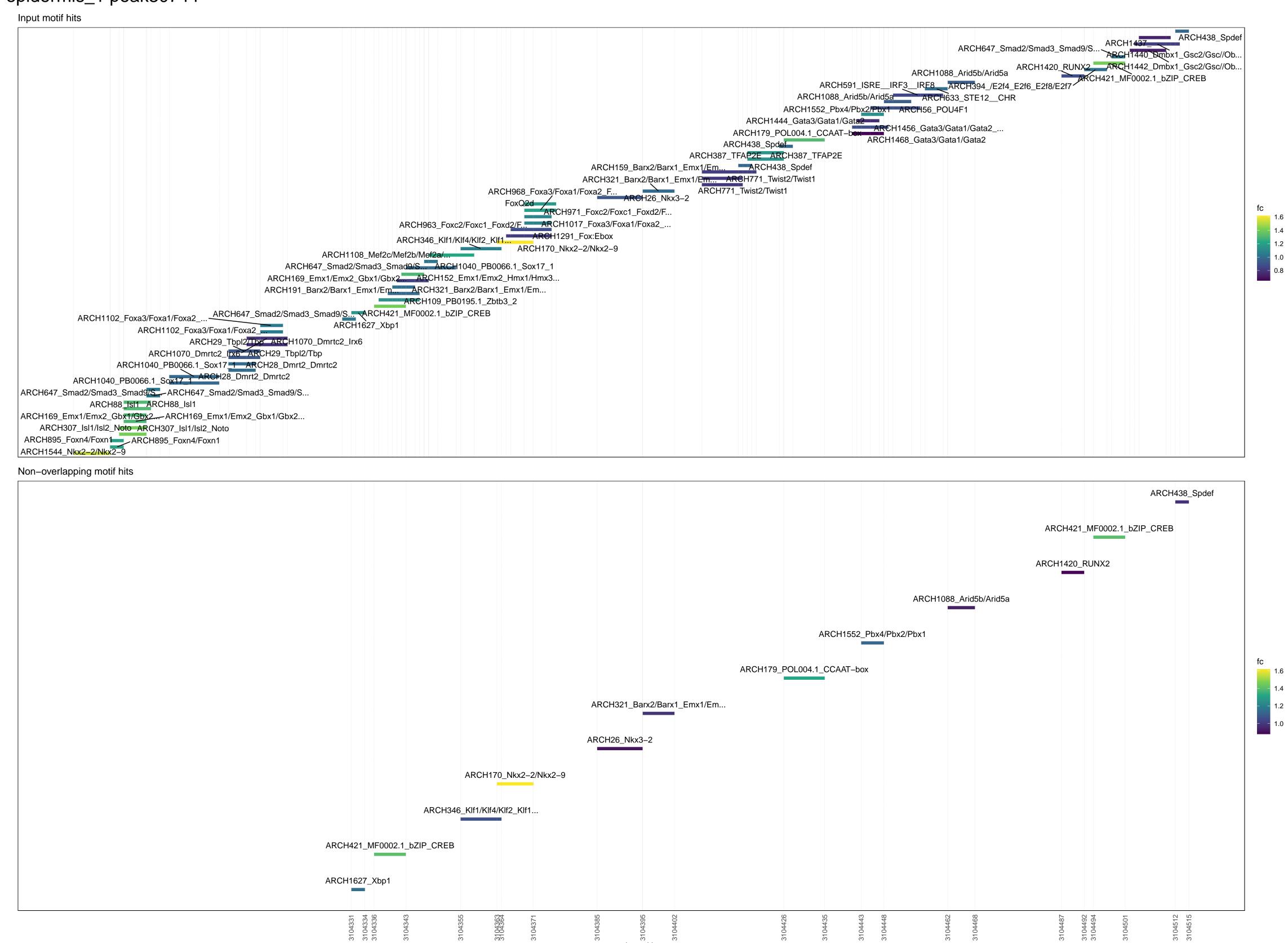




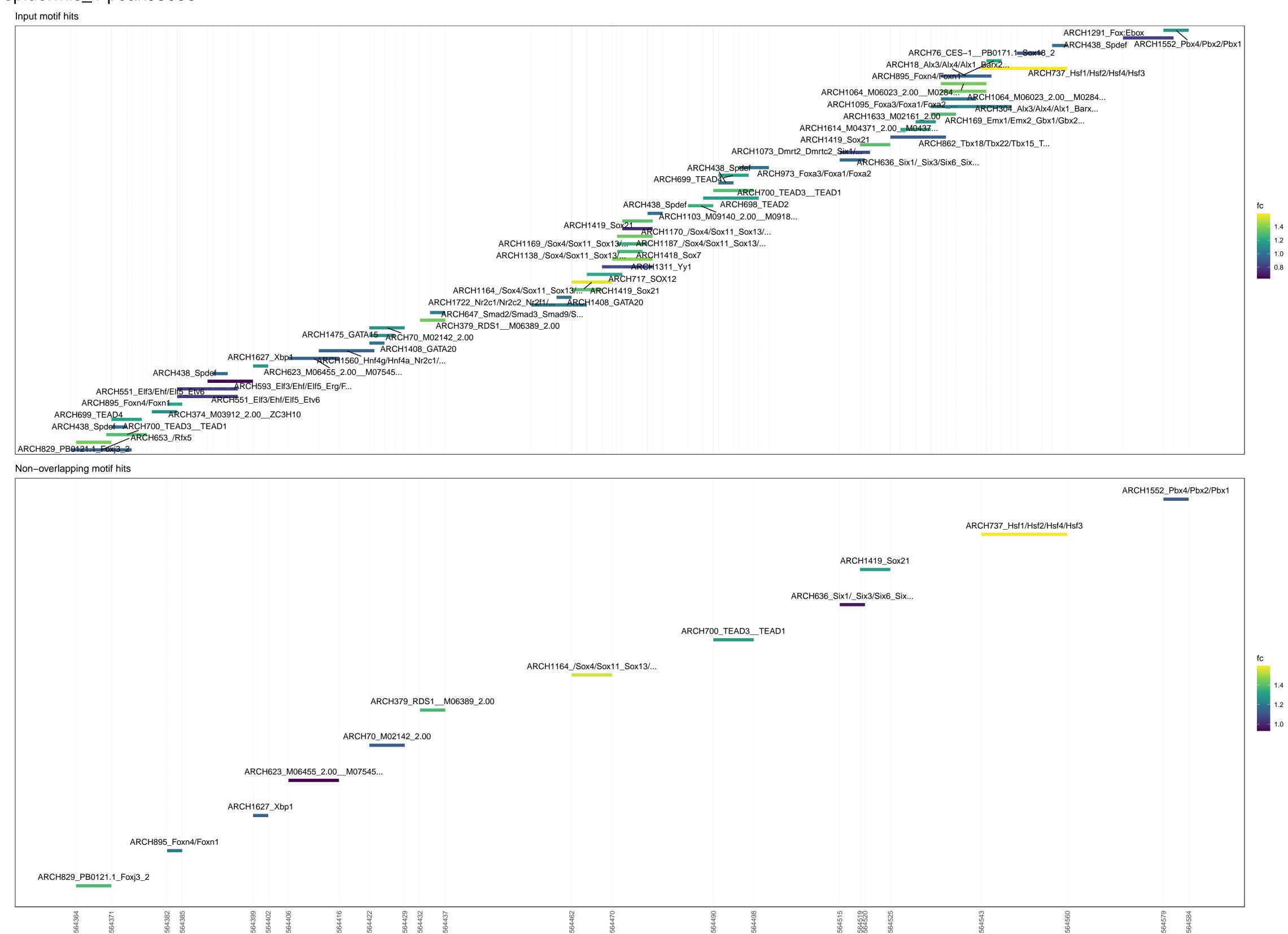
ARCH572_Elf3/Ehf/Elf5_Erg/F...

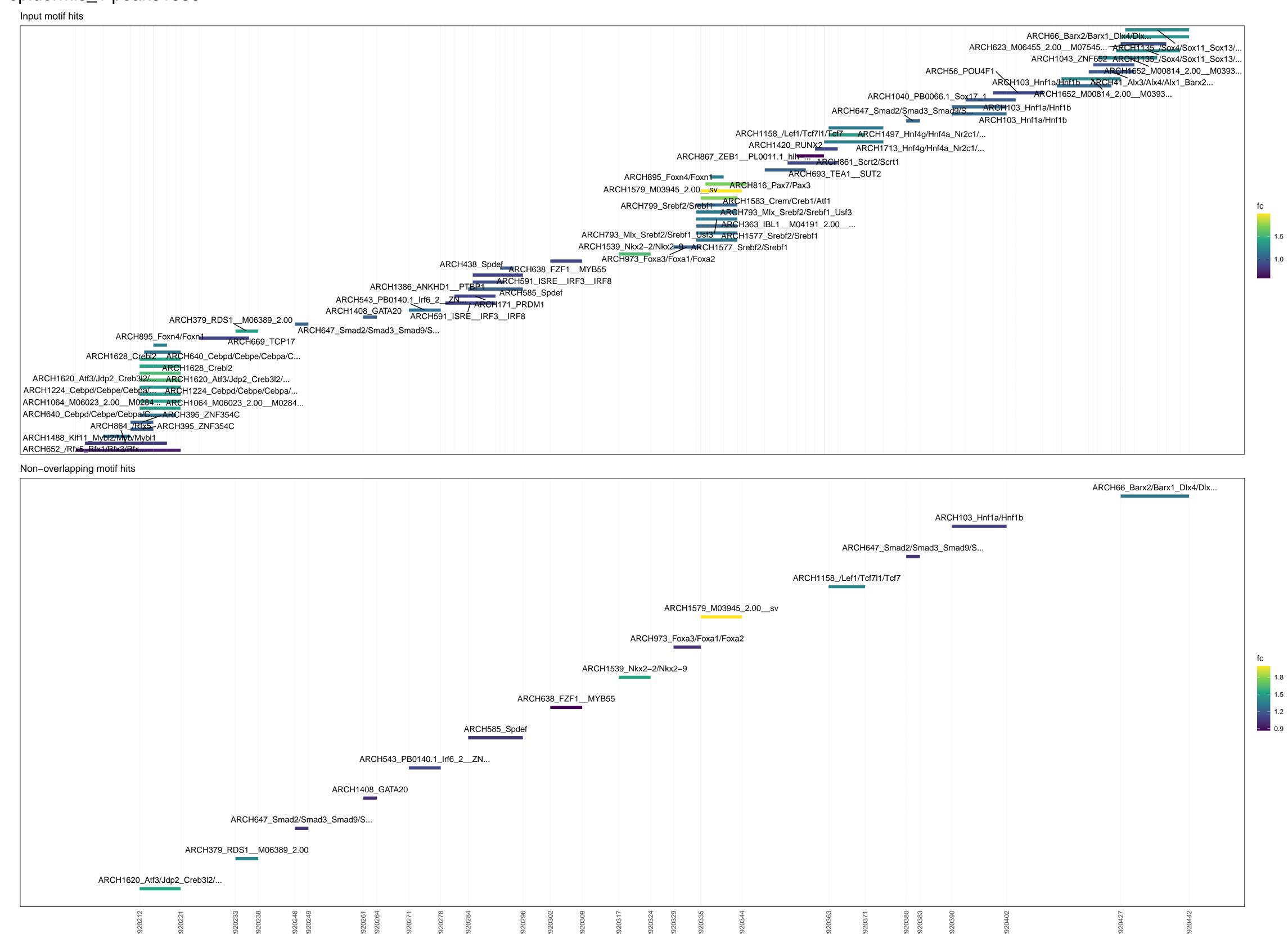


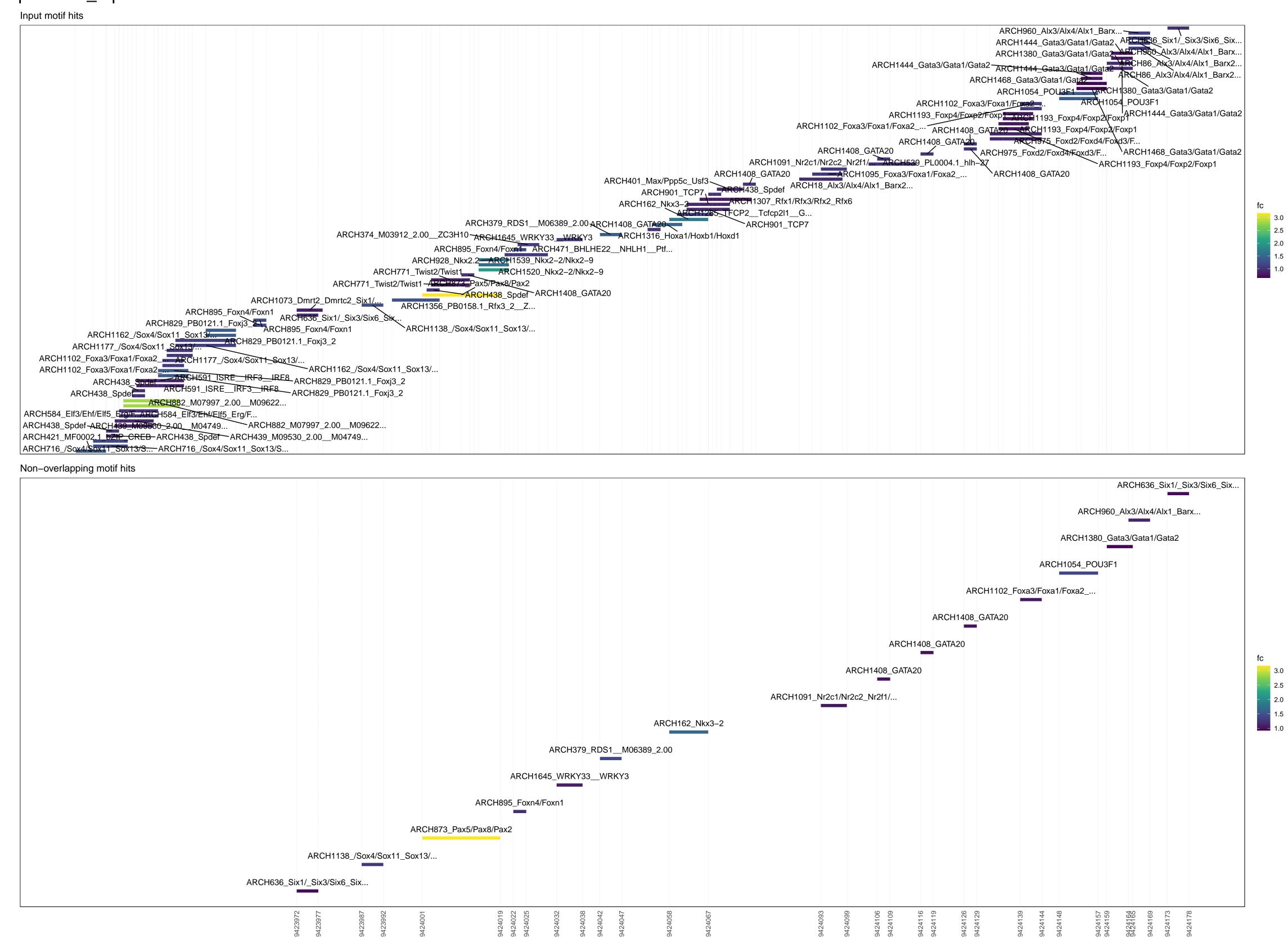


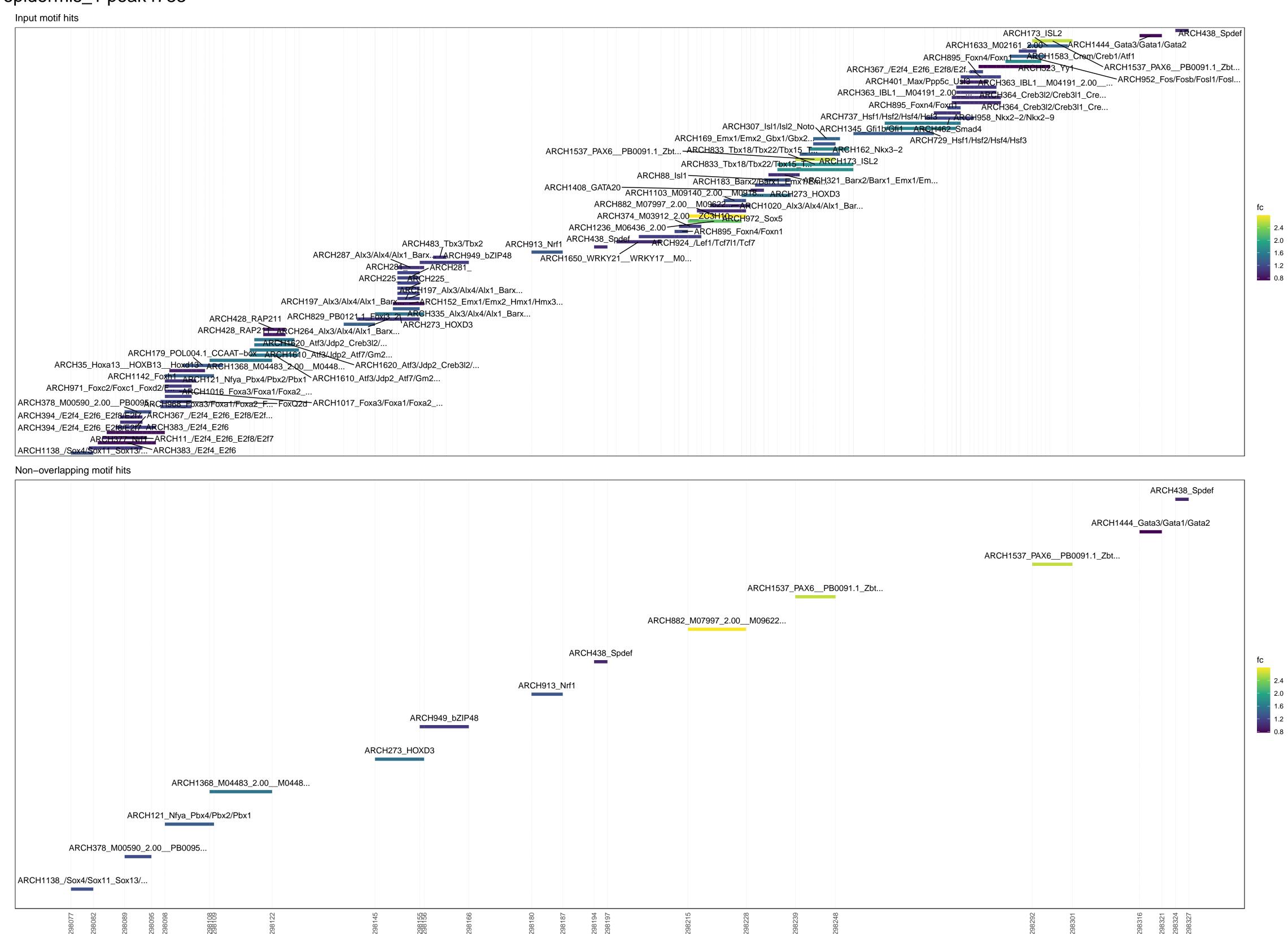


ARCH64_Arid2_Arid3c/Arid3a/...







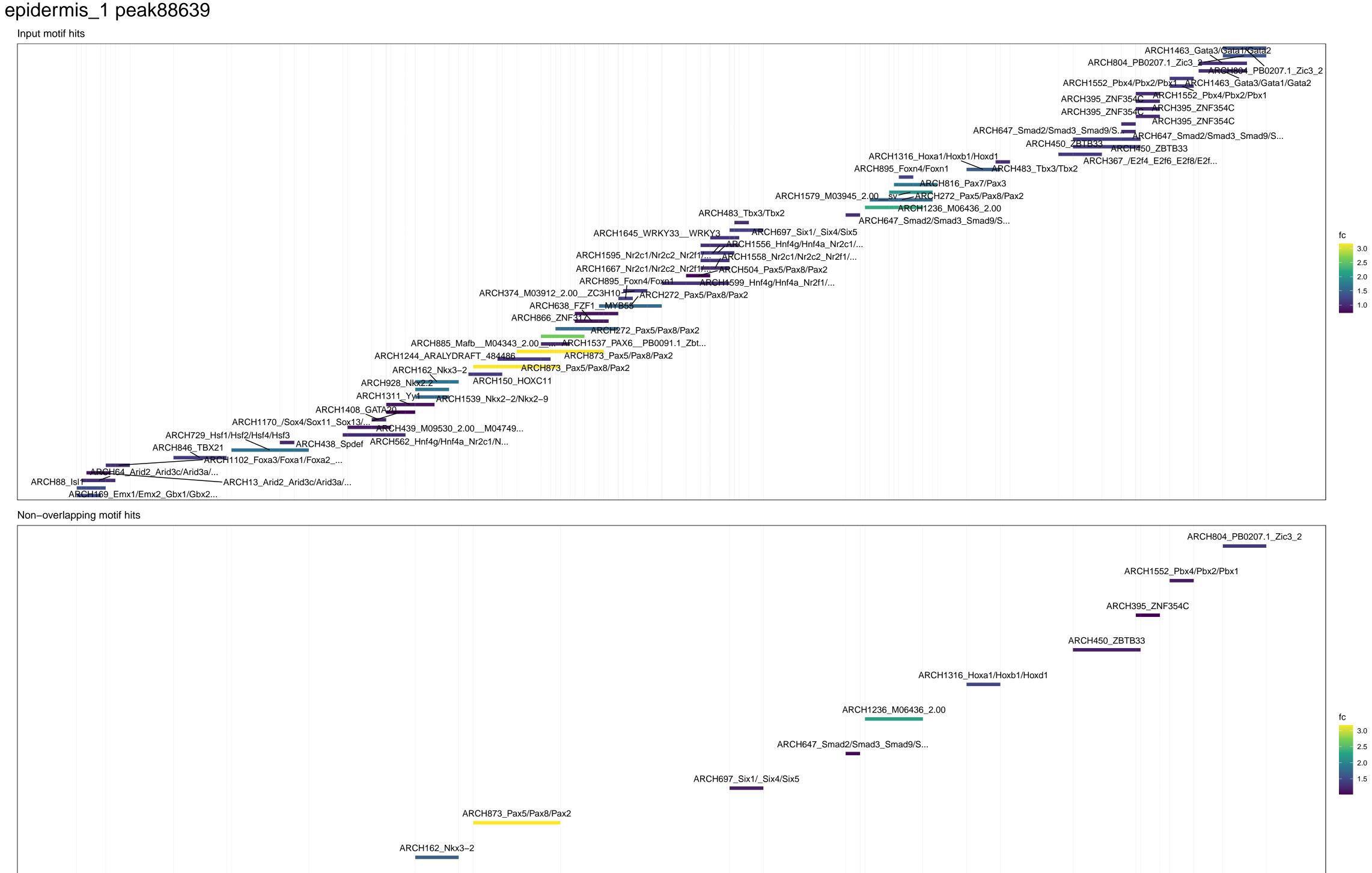


1.2

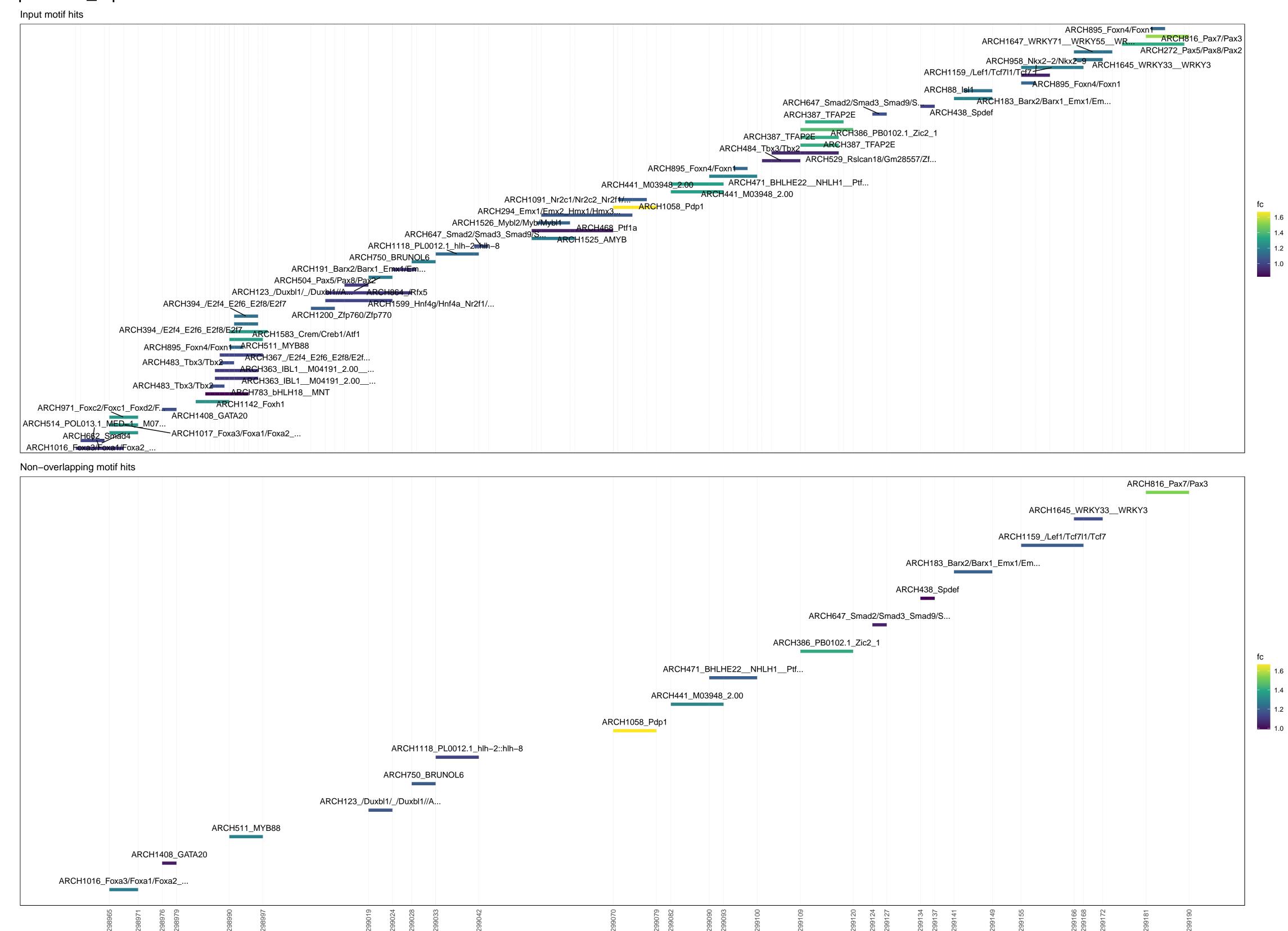
ARCH729 Hsf1/Hsf2/Hsf4/Hsf3

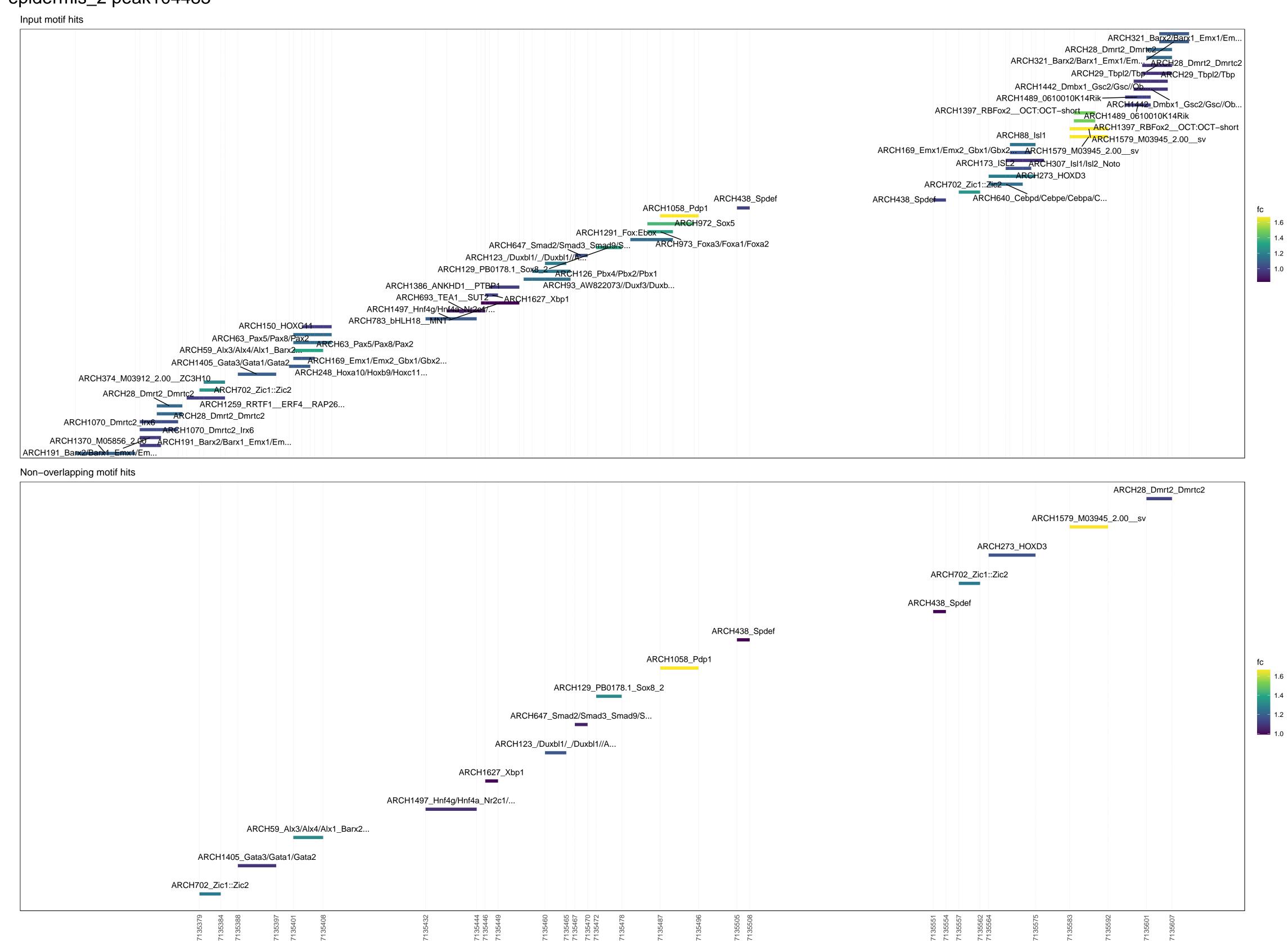
ARCH846_TBX21

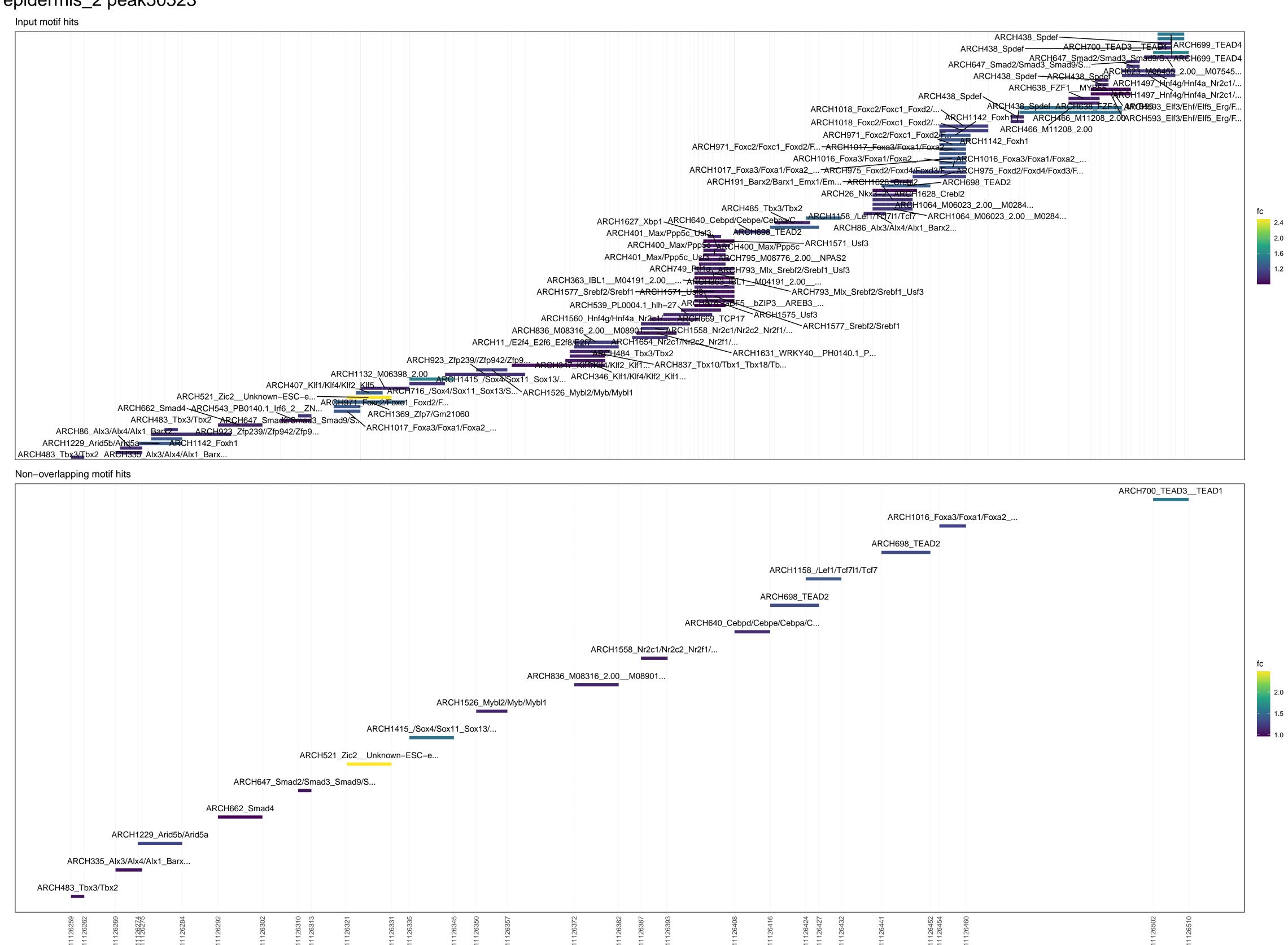
ARCH88_Isl1

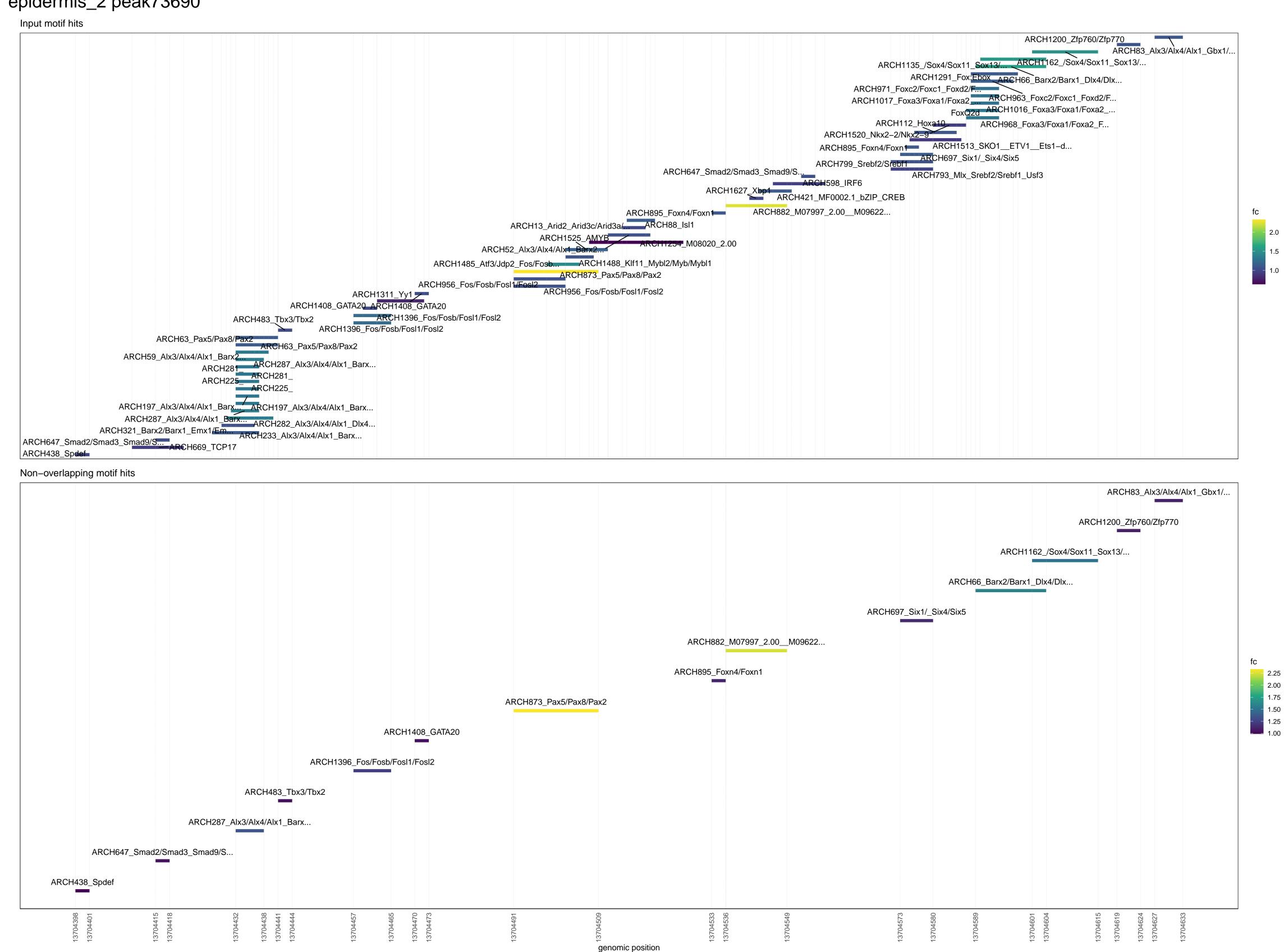


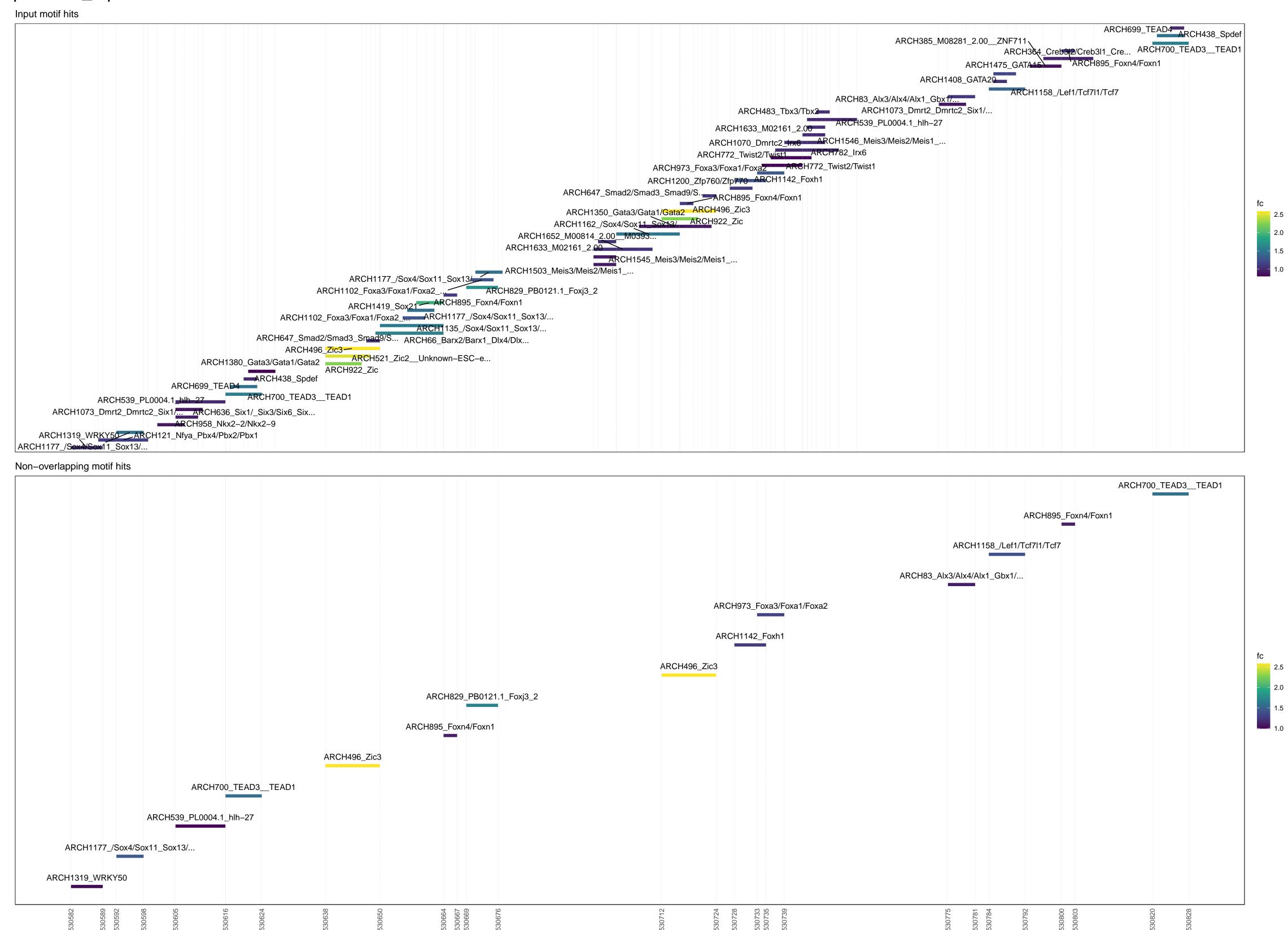
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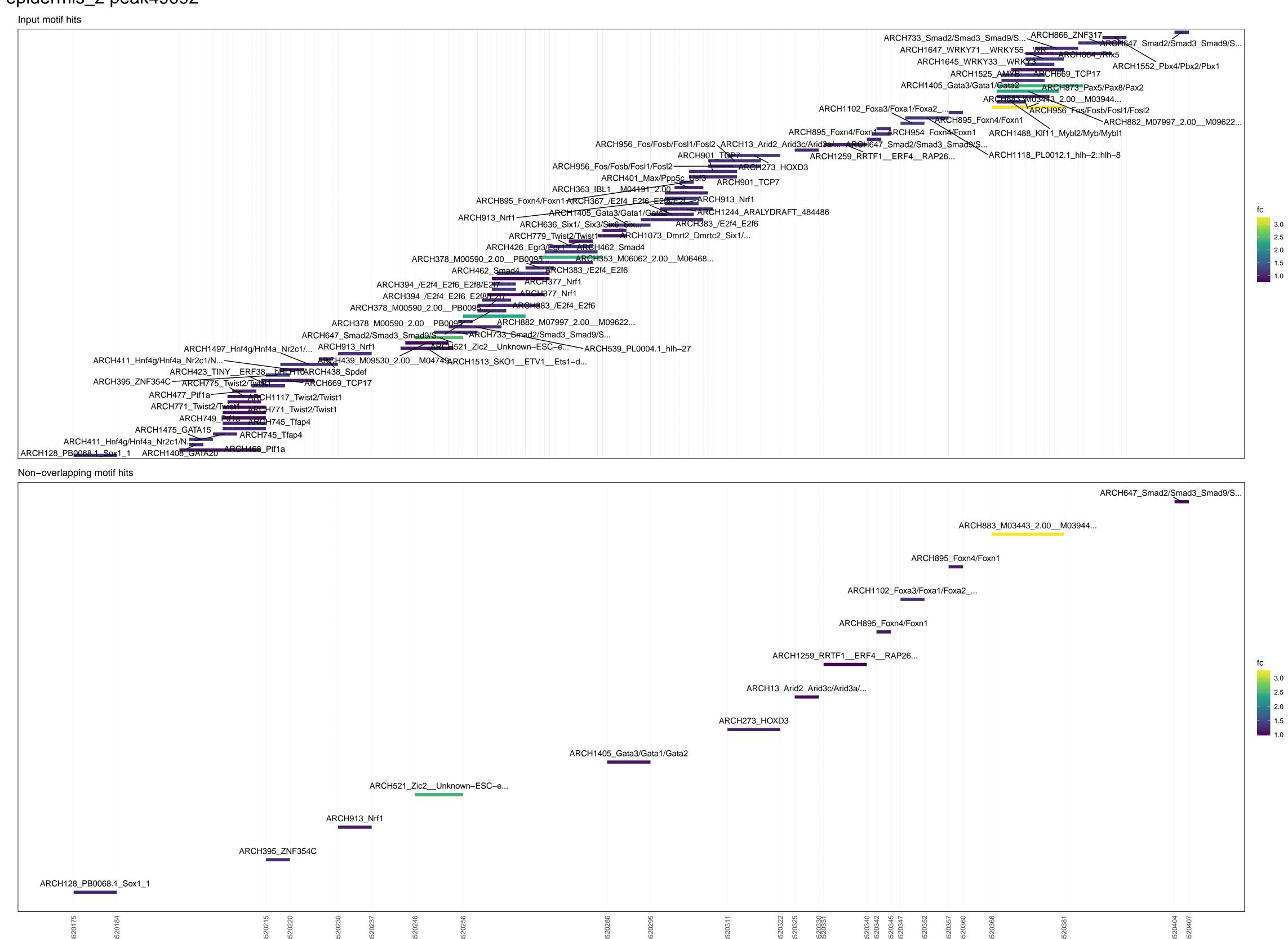


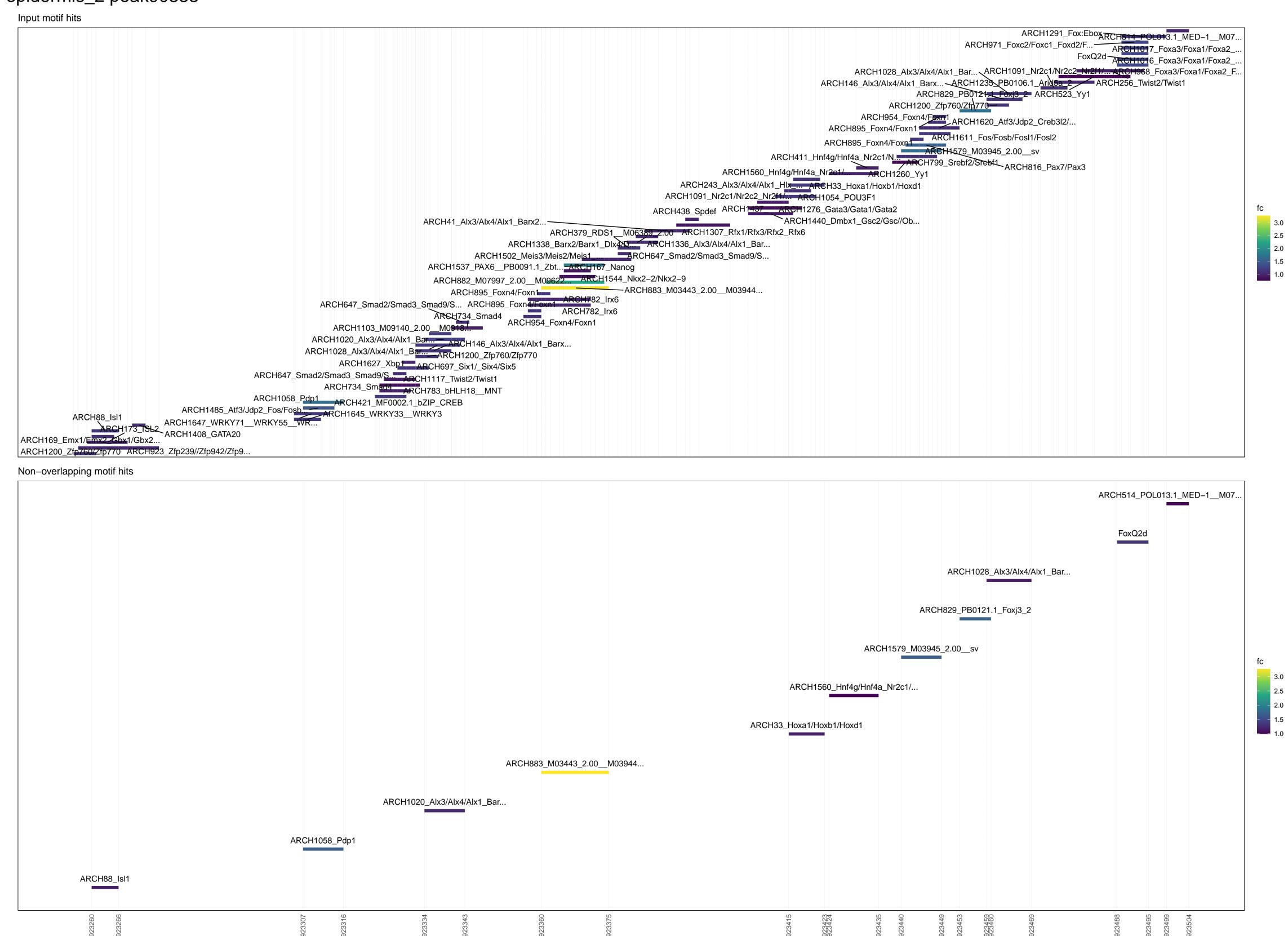


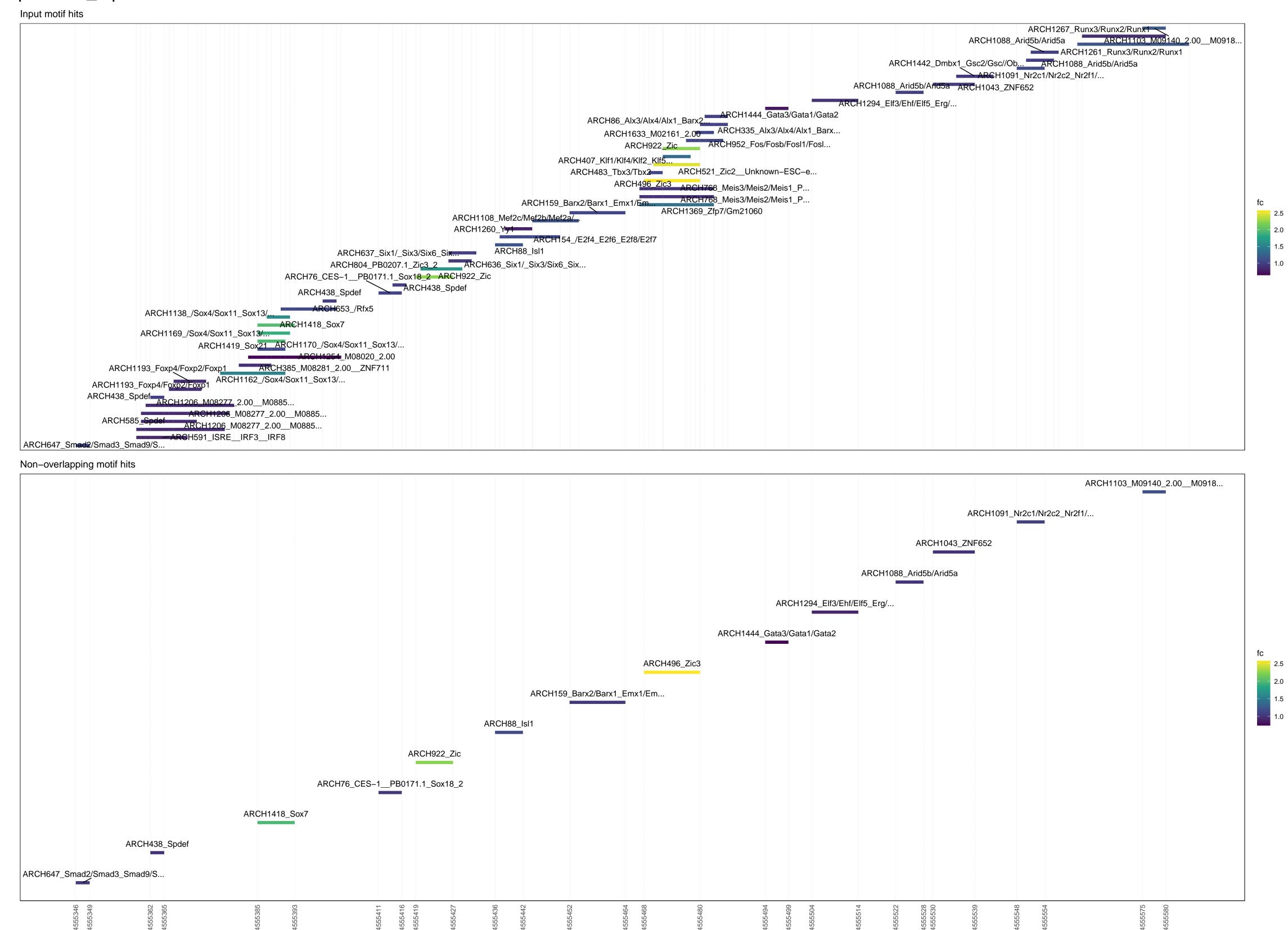


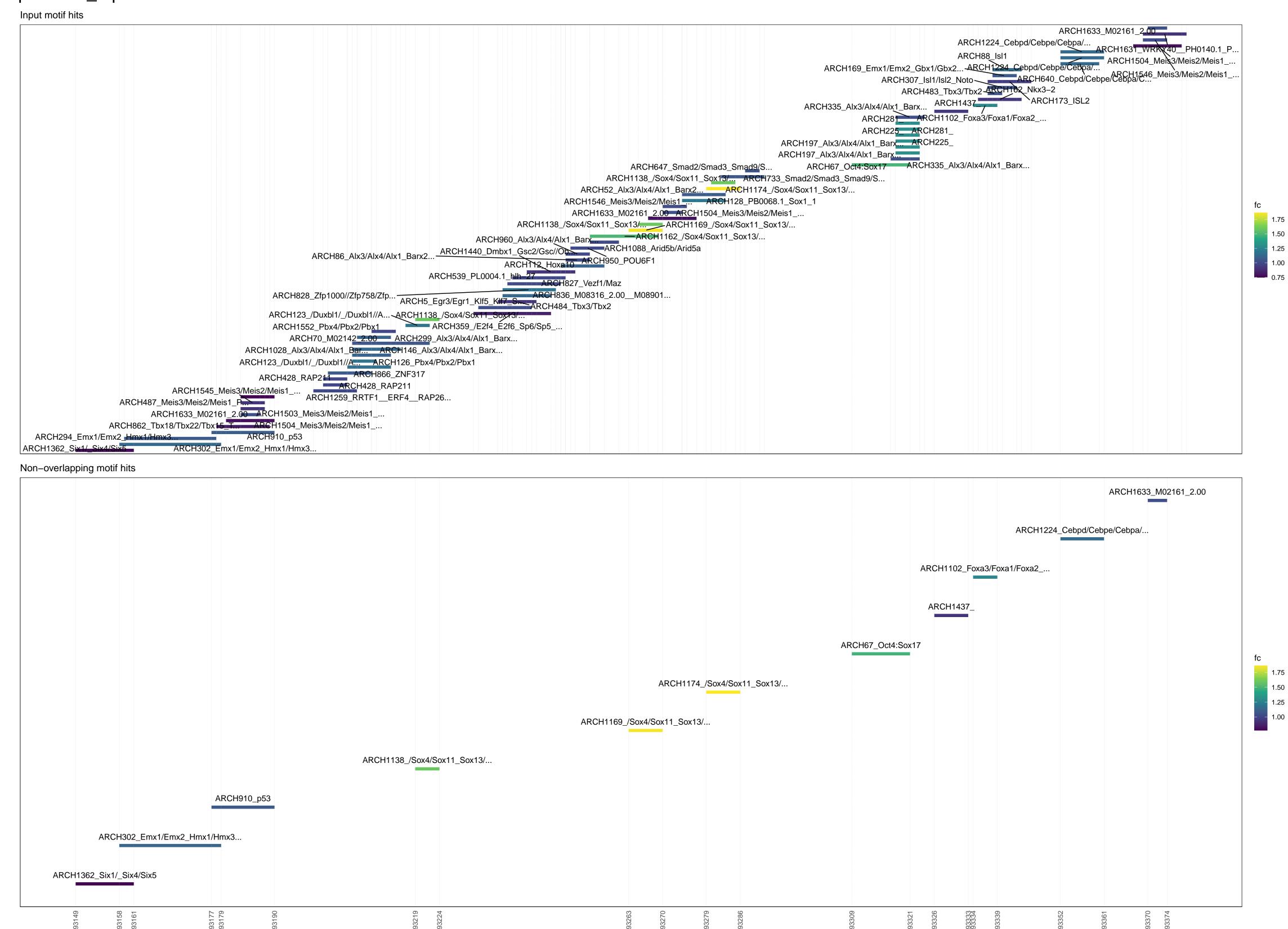


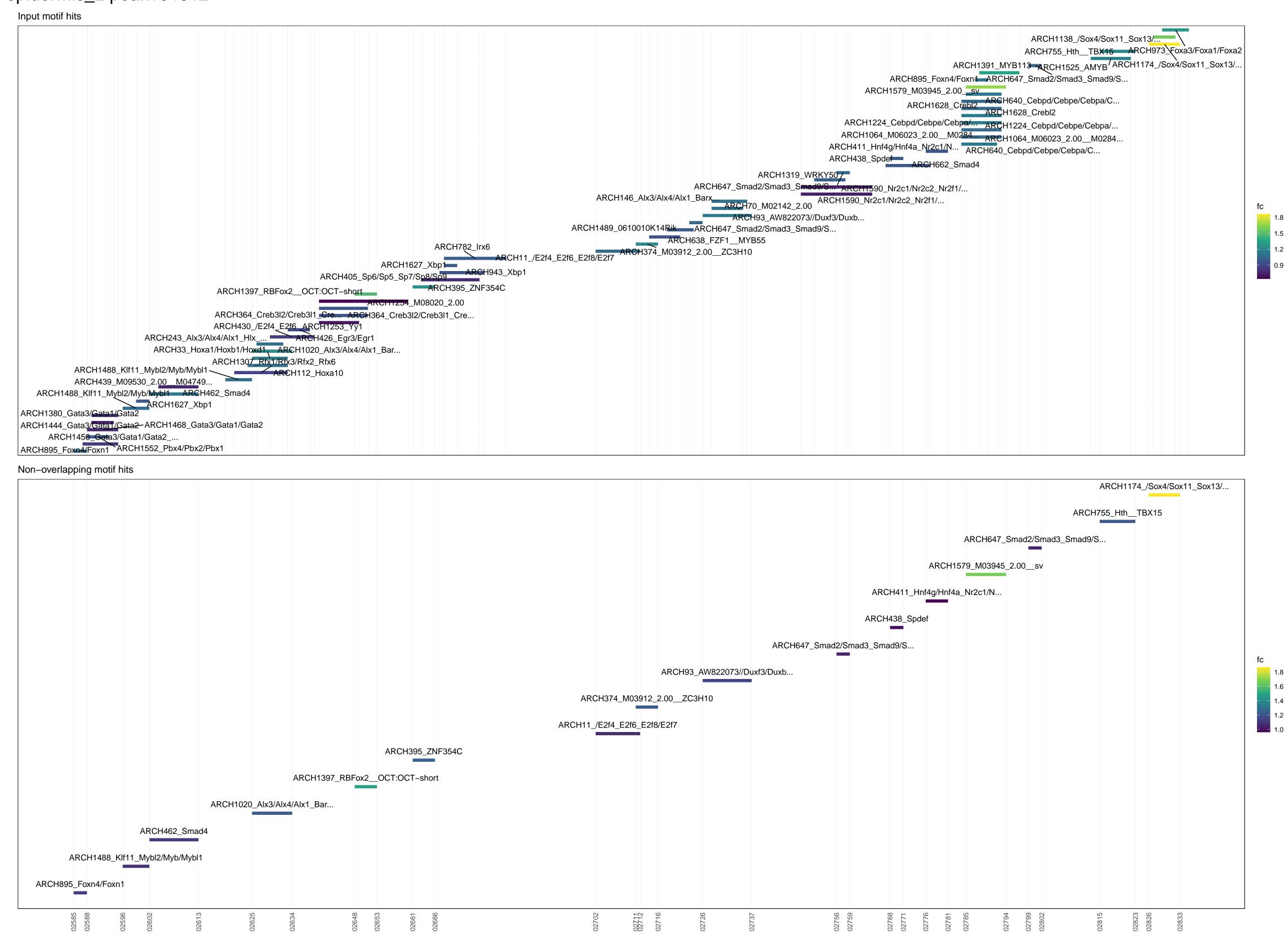


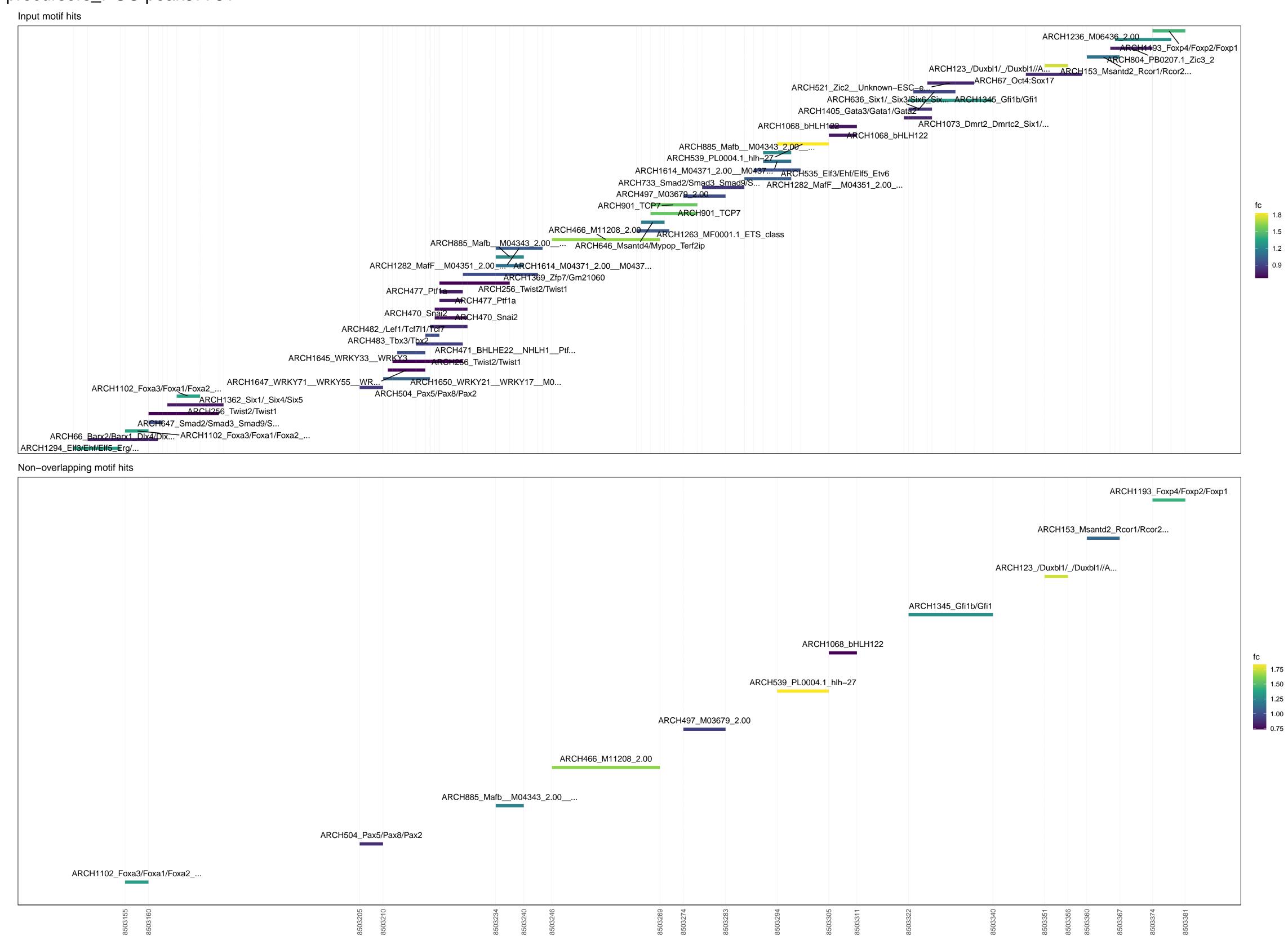


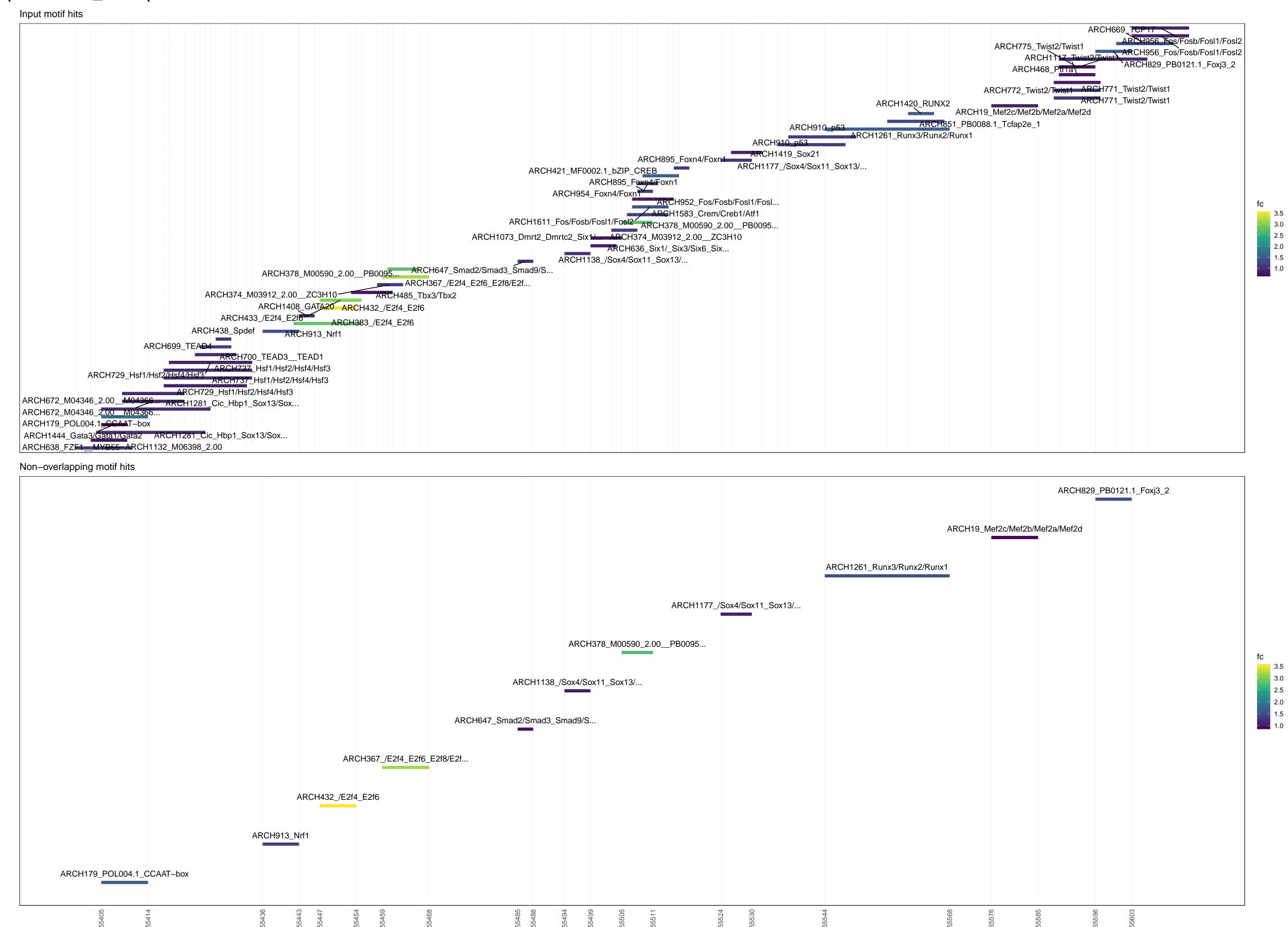




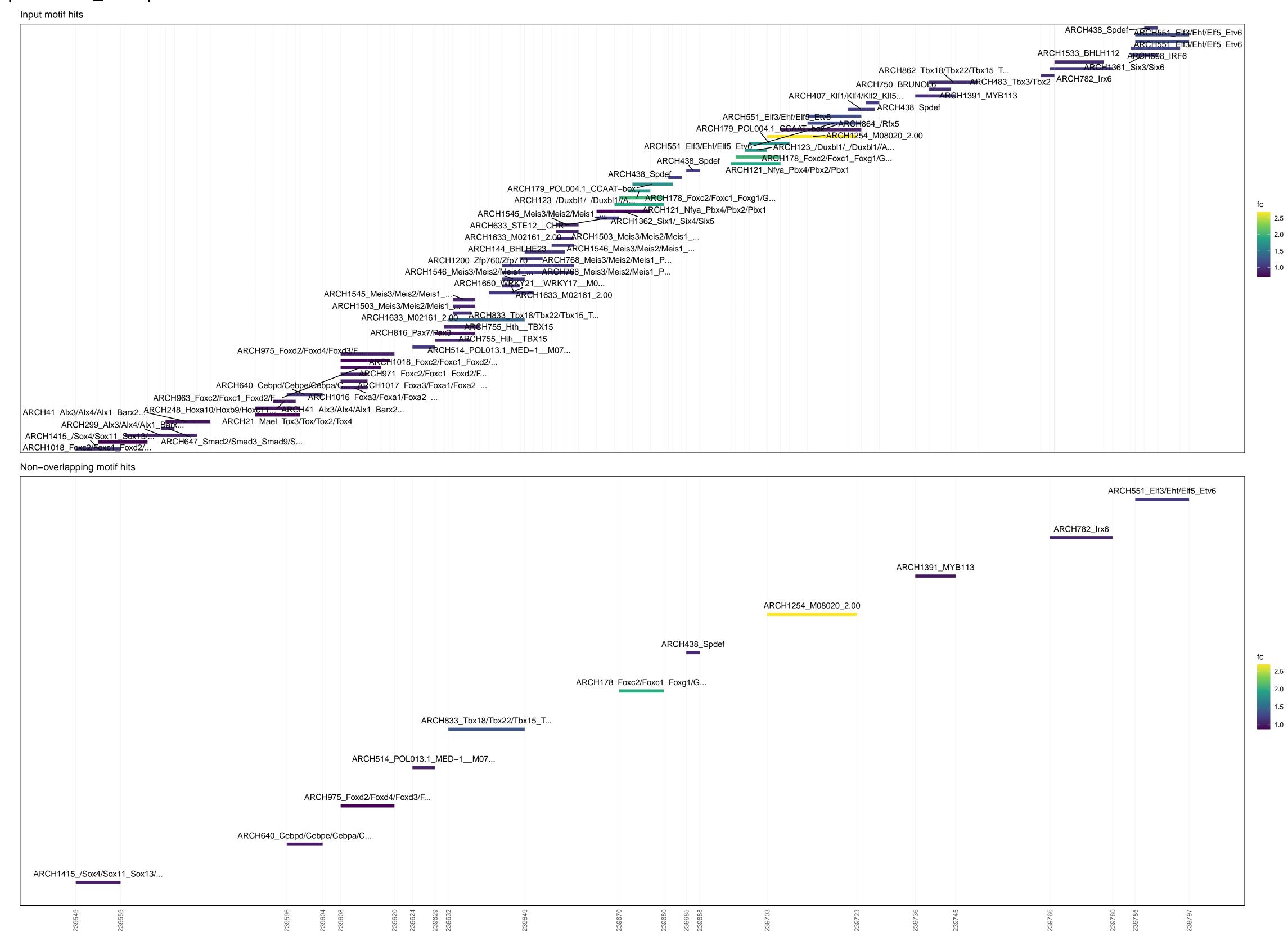


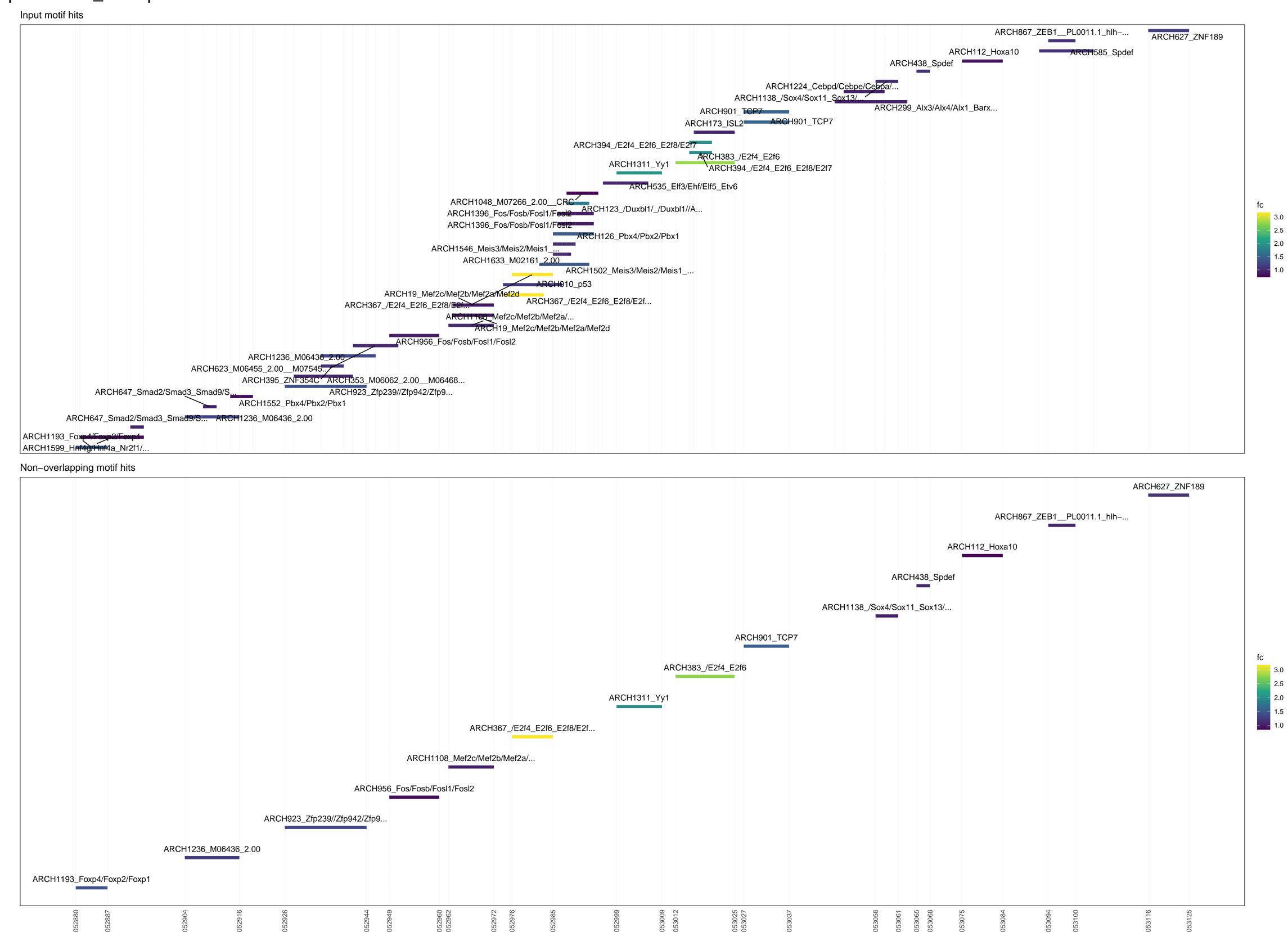


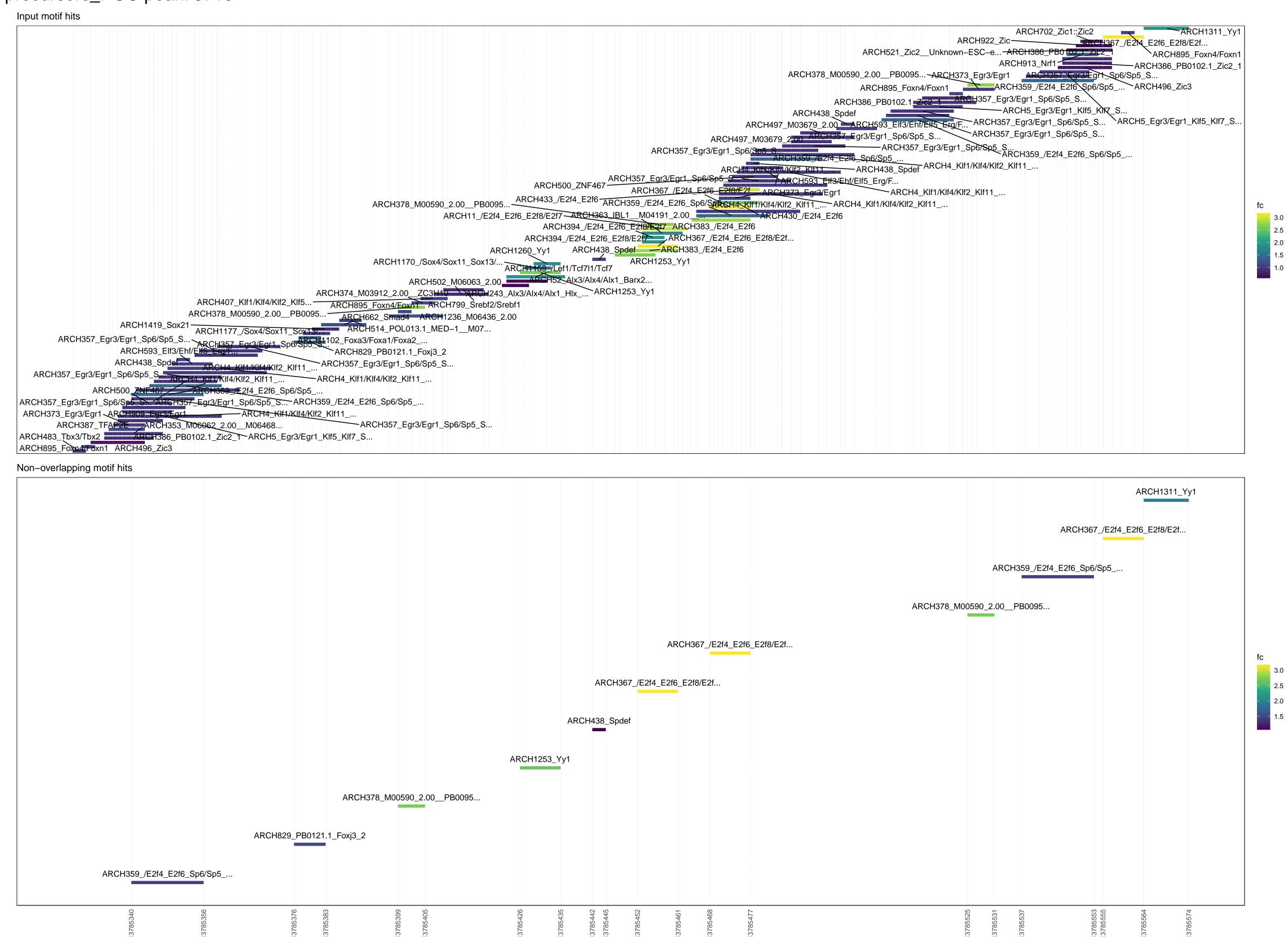


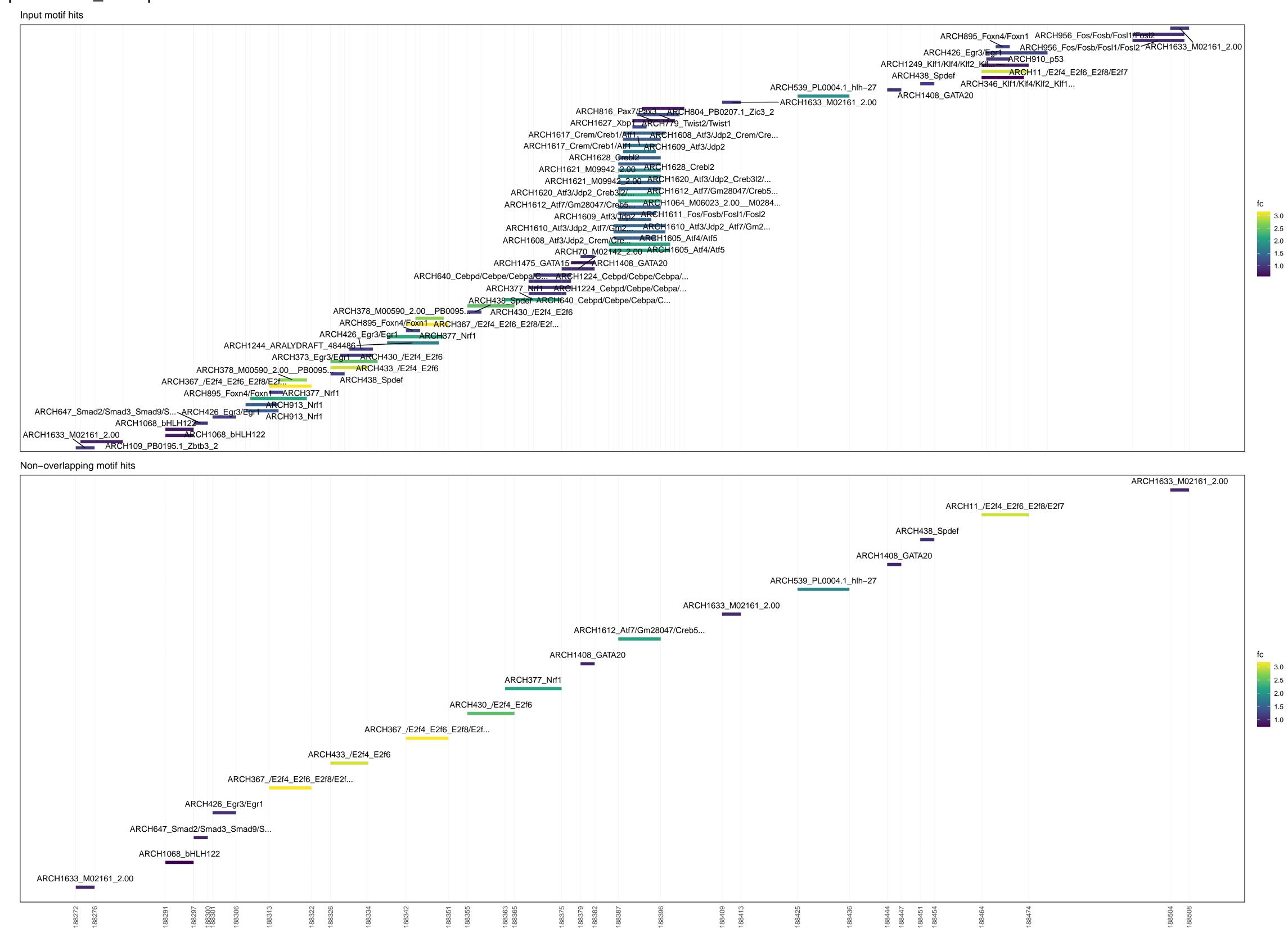


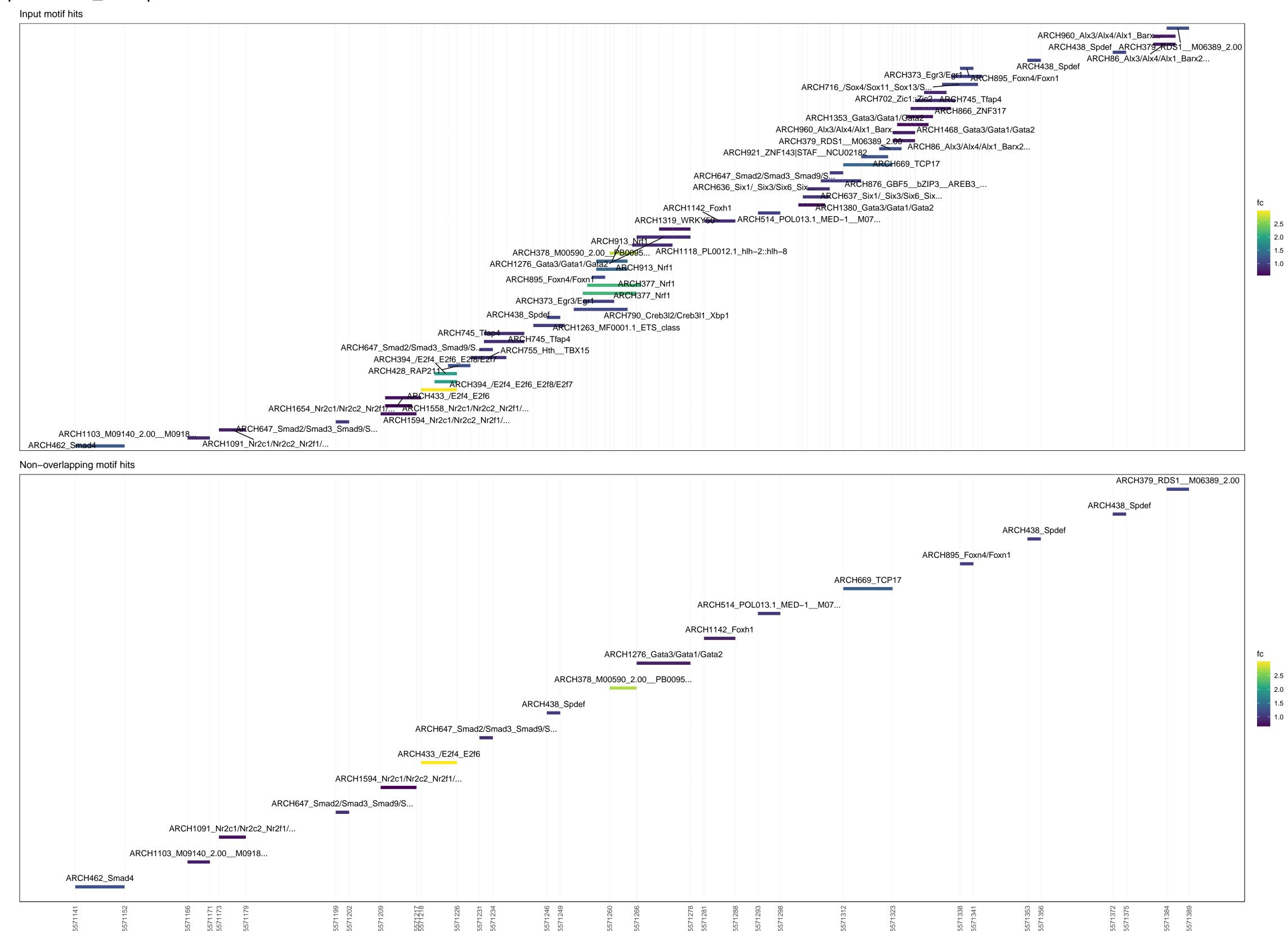
precursors_PGC peak40313 Input motif hits ARCH243_Alx3/Alx4/Alx1_Hlx ARCH33_Hoxa1/Hoxb1/Hoxd1 ARCH1091_Nr2c1/Nr2c2_Nr2f1/. ARCH1201_Gfi1b/Gfi1 ARCH1020_Alx3/Alx4/Alx1_Bar...
ARCH646_Msantd4/Mypop_Terf2ip ARCH216_Alx3/Alx4/Alx1_Barx...
ARCH1408_GATA20 ARCH56_POU4F1 ARCH1408_GATA20 ARCH373_Egr3/Egr1 ARCH496_Zic3 ARCH702_Zic1::Zic2 ARCH387_TFAP2E ARCH529_Rslcan18/Gm28557/Zf... ARCH11_/E2f4_E2f6_E2f8/E2f7 ARCH529_Rslcan18/Gm28557/Zf... ARCH378_M00590_2.00__PB0095. ARCH363_IBL1__M04191_2.00__... ARCH378_M00590_2.00__PB0095... ARCH383_/E2f4_E2f6 ARCH383_/E2f4_E2f6 ARCH383_/E2f4_E2f6 ARCH1311_Yy1_ 2.5 ARCH771_Twist2/Twist1 2.0 ARCH462_Smad4 ARCH1373_bHLH130 ARCH771_Twist2/Twist1 1.5 ARCH450_ZBTB33 1.0 ARCH1420_RUNX2 ARCH483_Tbx3/Tbx2 ARCH1633_M02161_2.00 ARCH1620_Atf3/Jdp2_Creb3l2/... ARCH70_M02142_2.09 ARCH1504_Meis3/Meis2/Meis1_...
ARCH123_/Duxbl1/_/Duxbl1//A... ARCH126_Pbx4/Pbx2/Pbx1 ARCH438_Spdef ARCH873_Pax5/Pax8/Pax2 ARCH543_PB0140.1_Irf6_2_ ARCH385_M08281_2.00__ZNF711/ ARCH379_RDS1__M06389_2.00 ARCH647_Smad2/Smad3_Smad9/S... ARCH895_Foxn4/Foxn1_ARCH421_MF0002.1_bZIP_CREB ARCH1627_Xbp1 ARCH26_Nkx3-2 ARCH430_/E2f4_E2f6 ARCH1206_M08277_2.00__M0885... ARCH836_M08316_2.00__M08901... Non-overlapping motif hits ARCH33_Hoxa1/Hoxb1/Hoxd1 ARCH1201_Gfi1b/Gfi1 ARCH646_Msantd4/Mypop_Terf2ip ARCH11_/E2f4_E2f6_E2f8/E2f7 ARCH1311_Yy1 ARCH1373_bHLH130 ARCH450_ZBTB33 2.0 1.5 ARCH123_/Duxbl1/_/Duxbl1//A... ARCH385_M08281_2.00__ZNF711 ARCH421_MF0002.1_bZIP_CREB ARCH1206_M08277_2.00__M0885... ARCH430_/E2f4_E2f6 ARCH836_M08316_2.00__M08901...

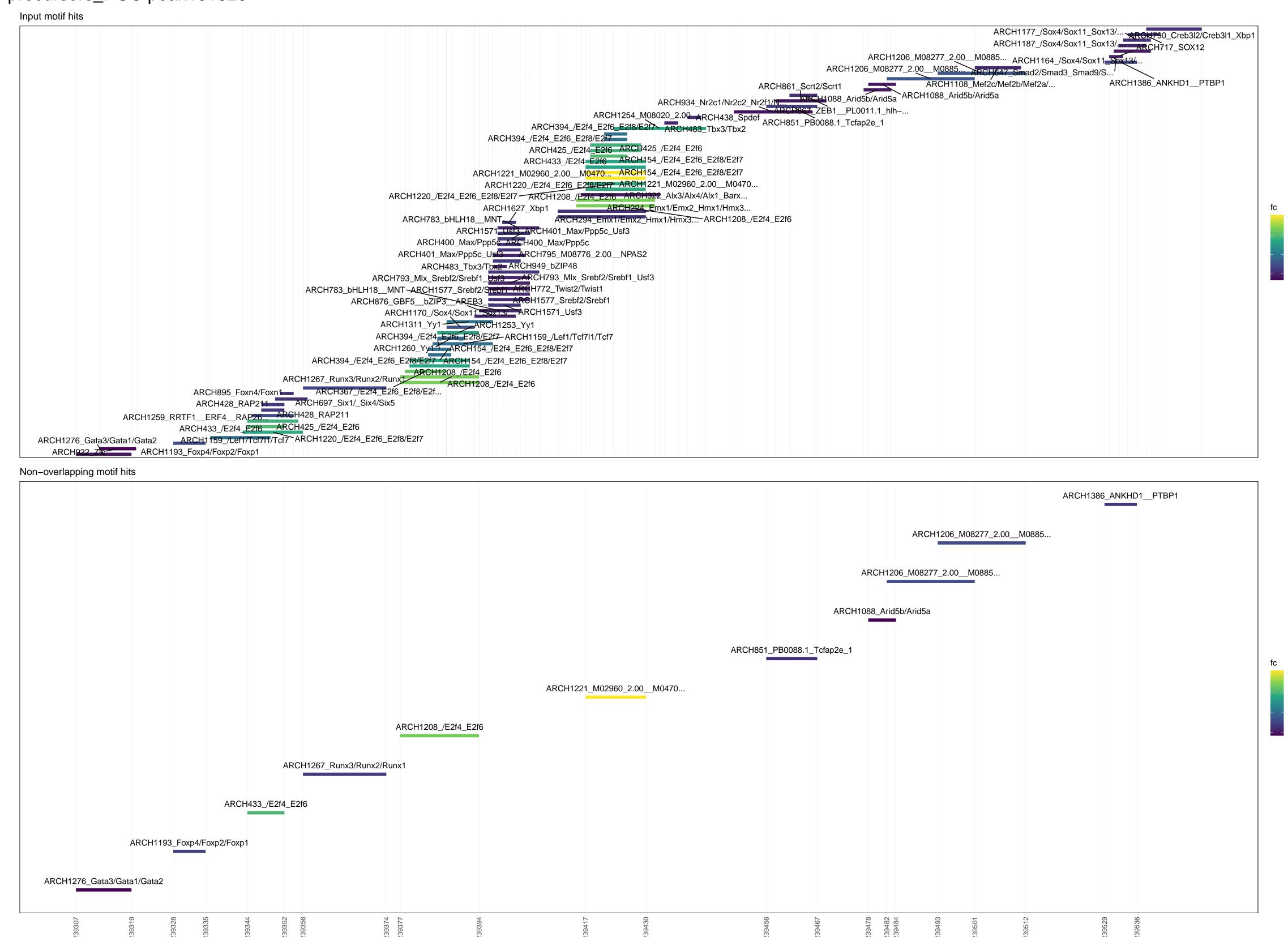


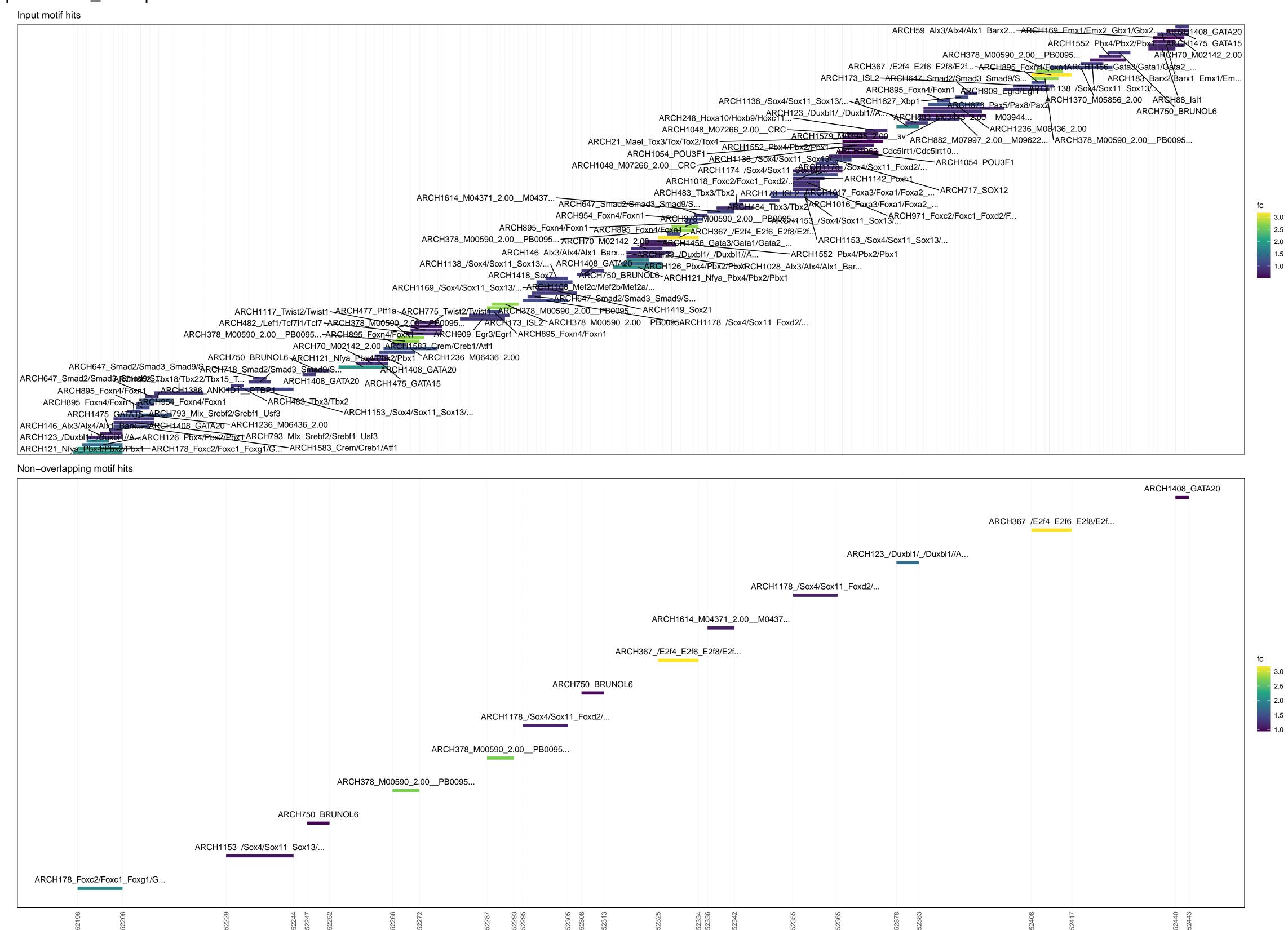


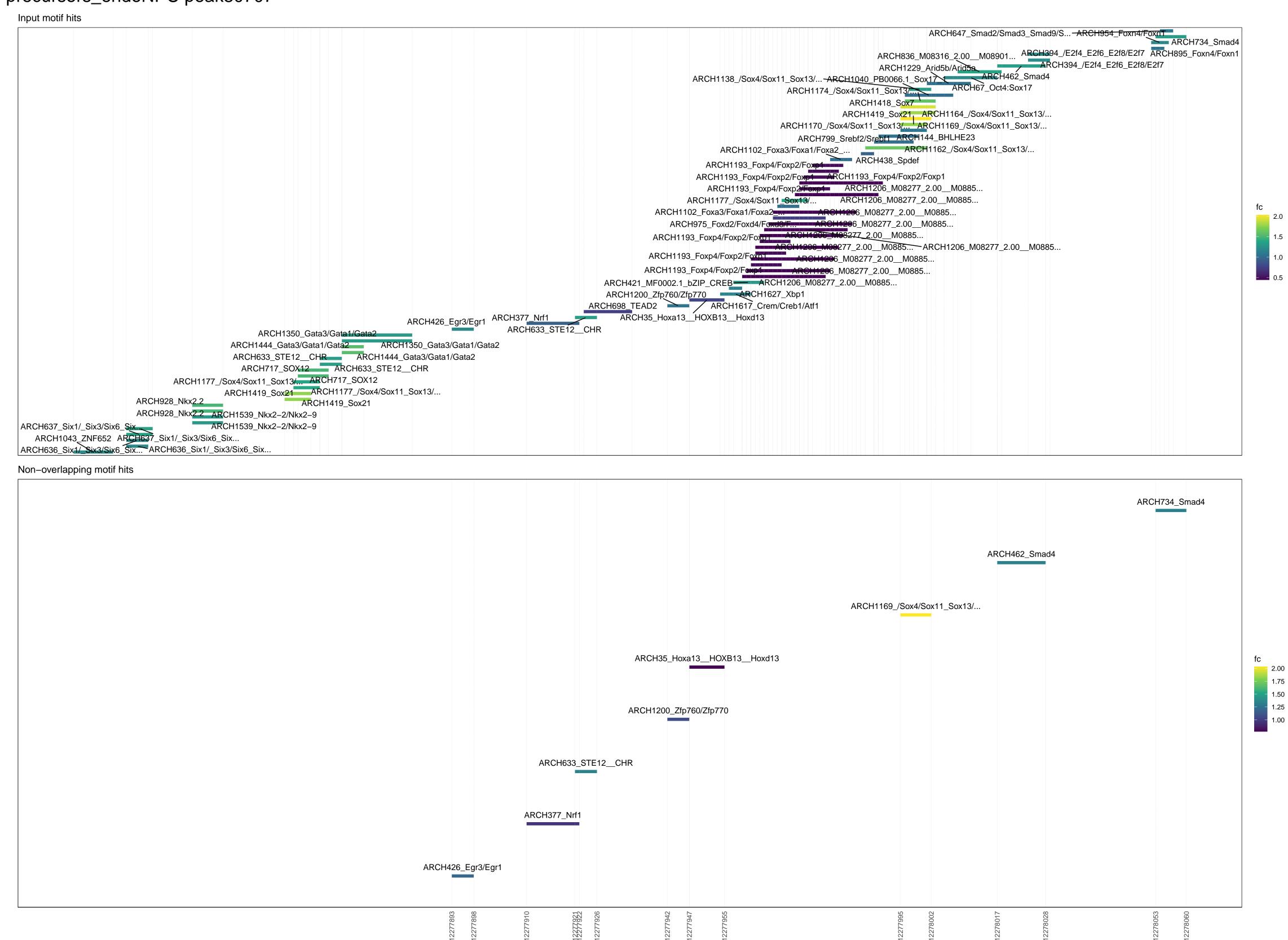


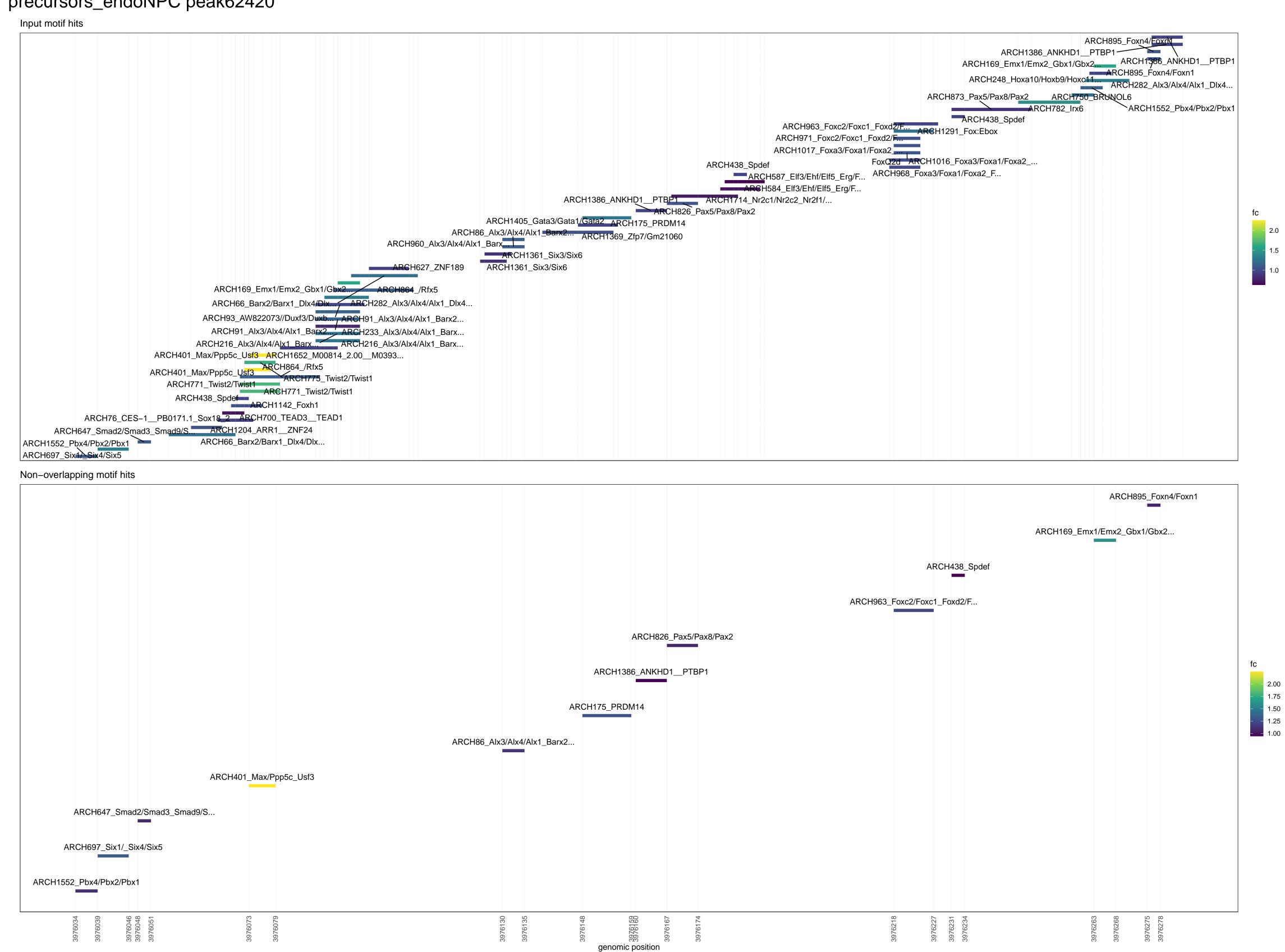


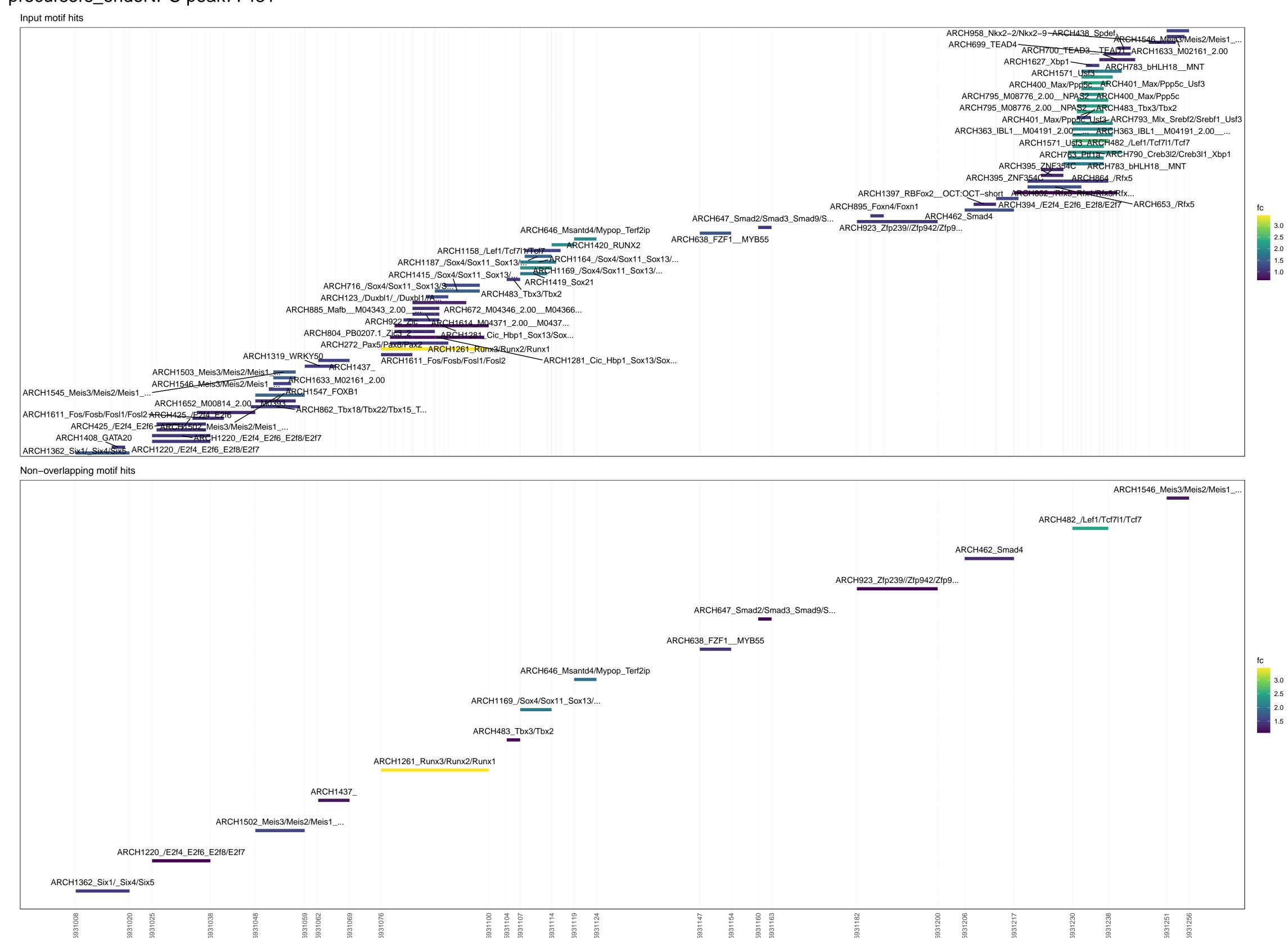


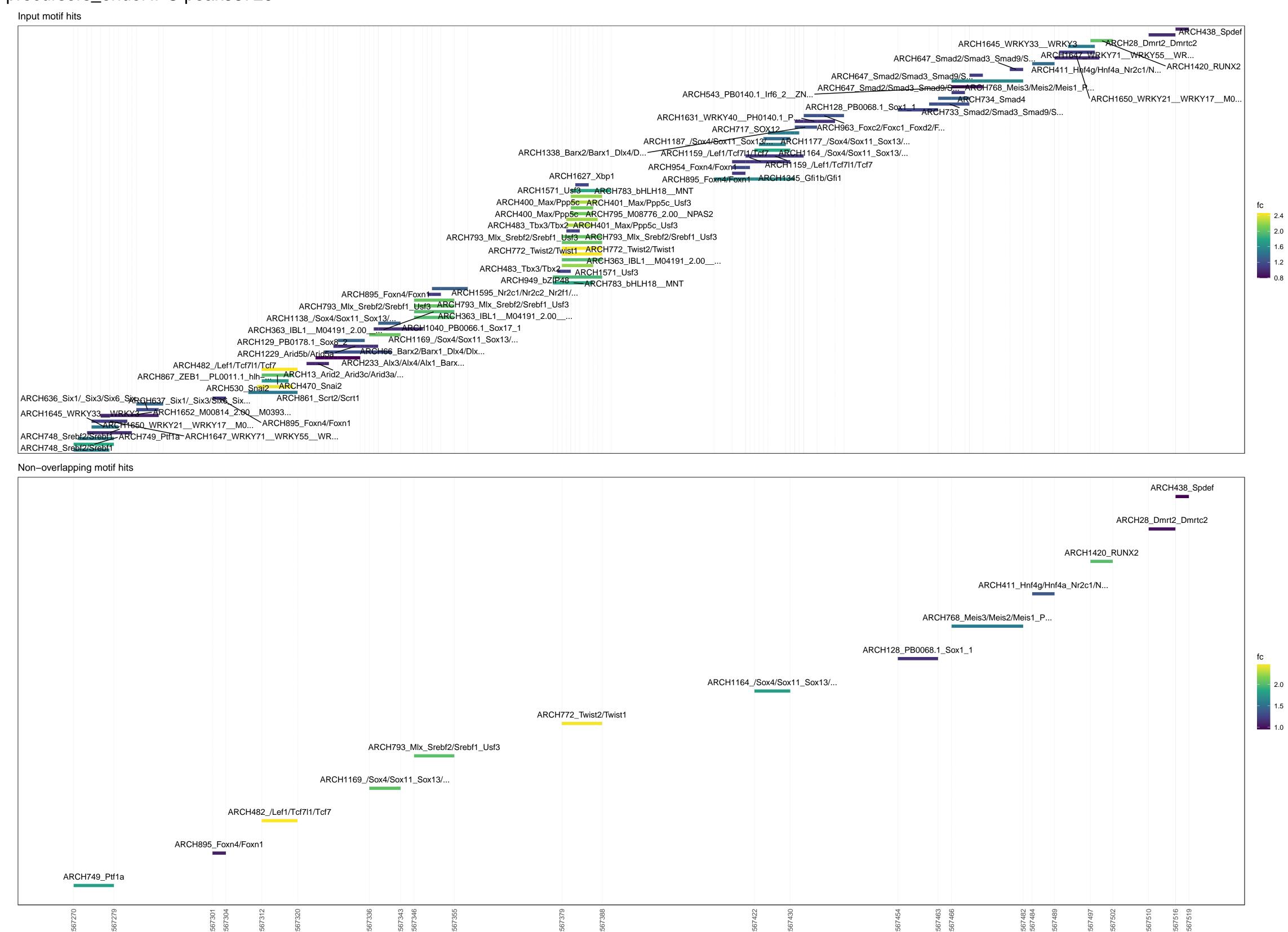


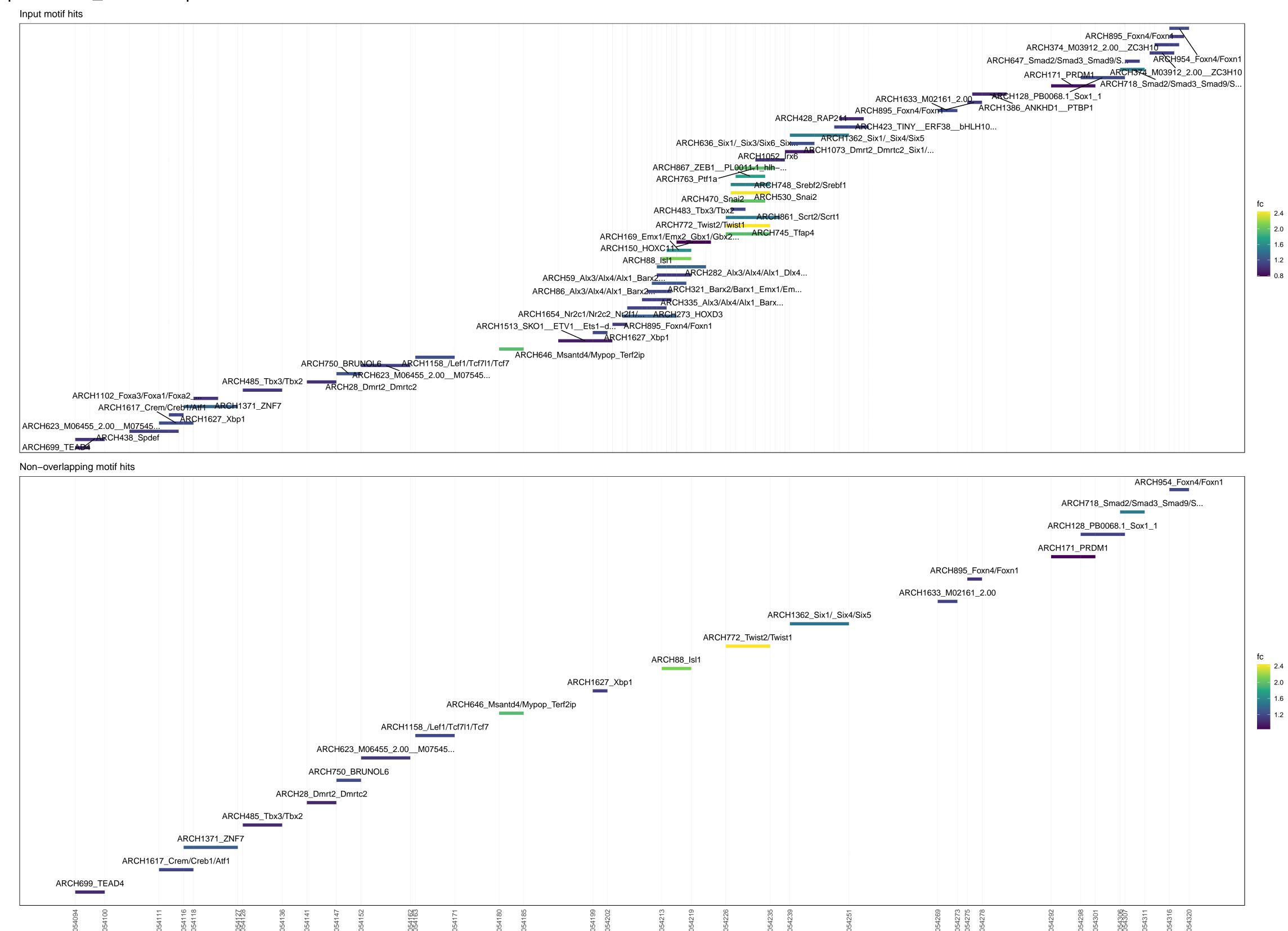


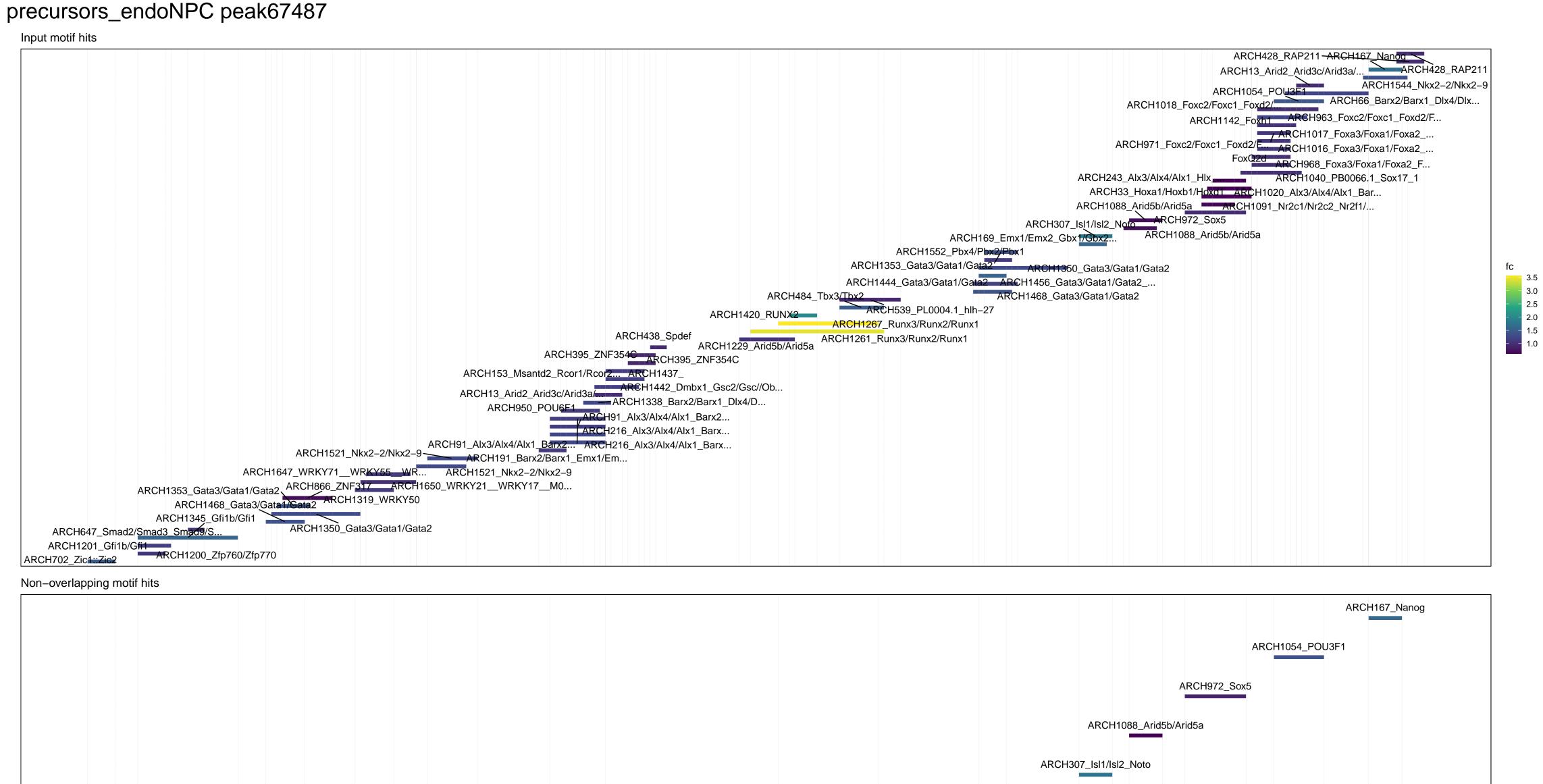




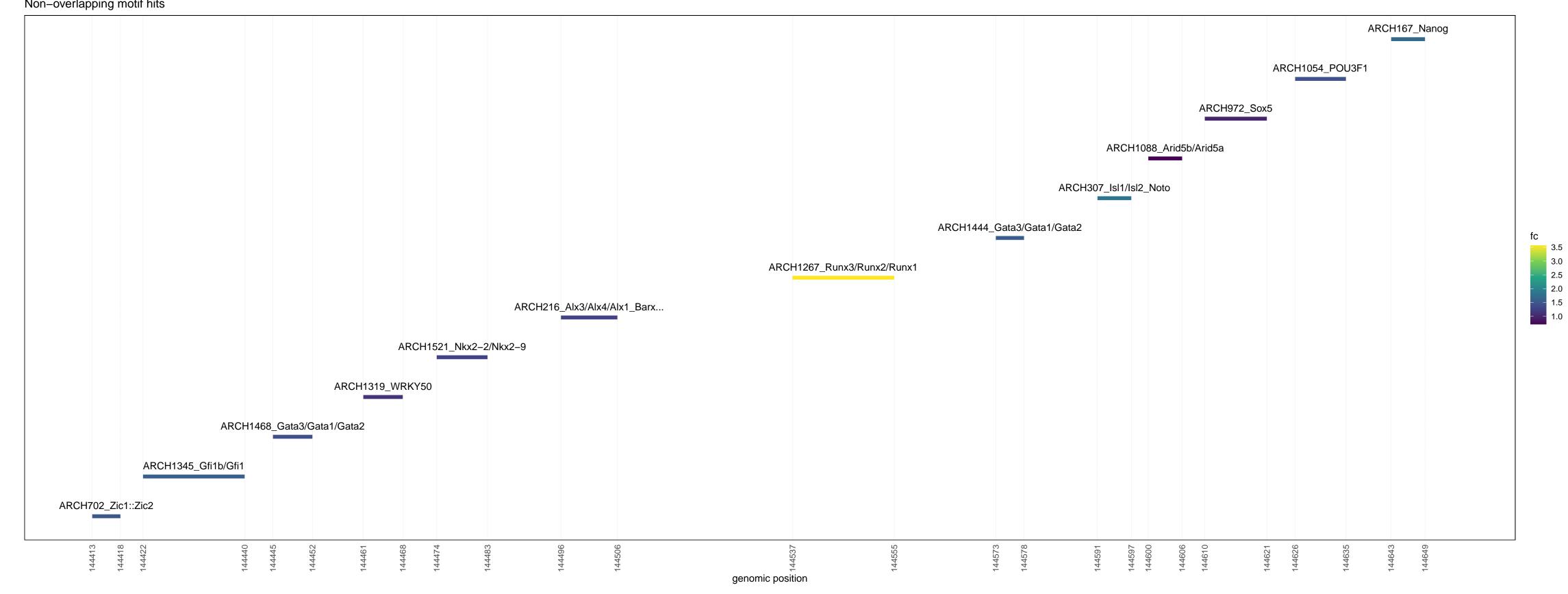


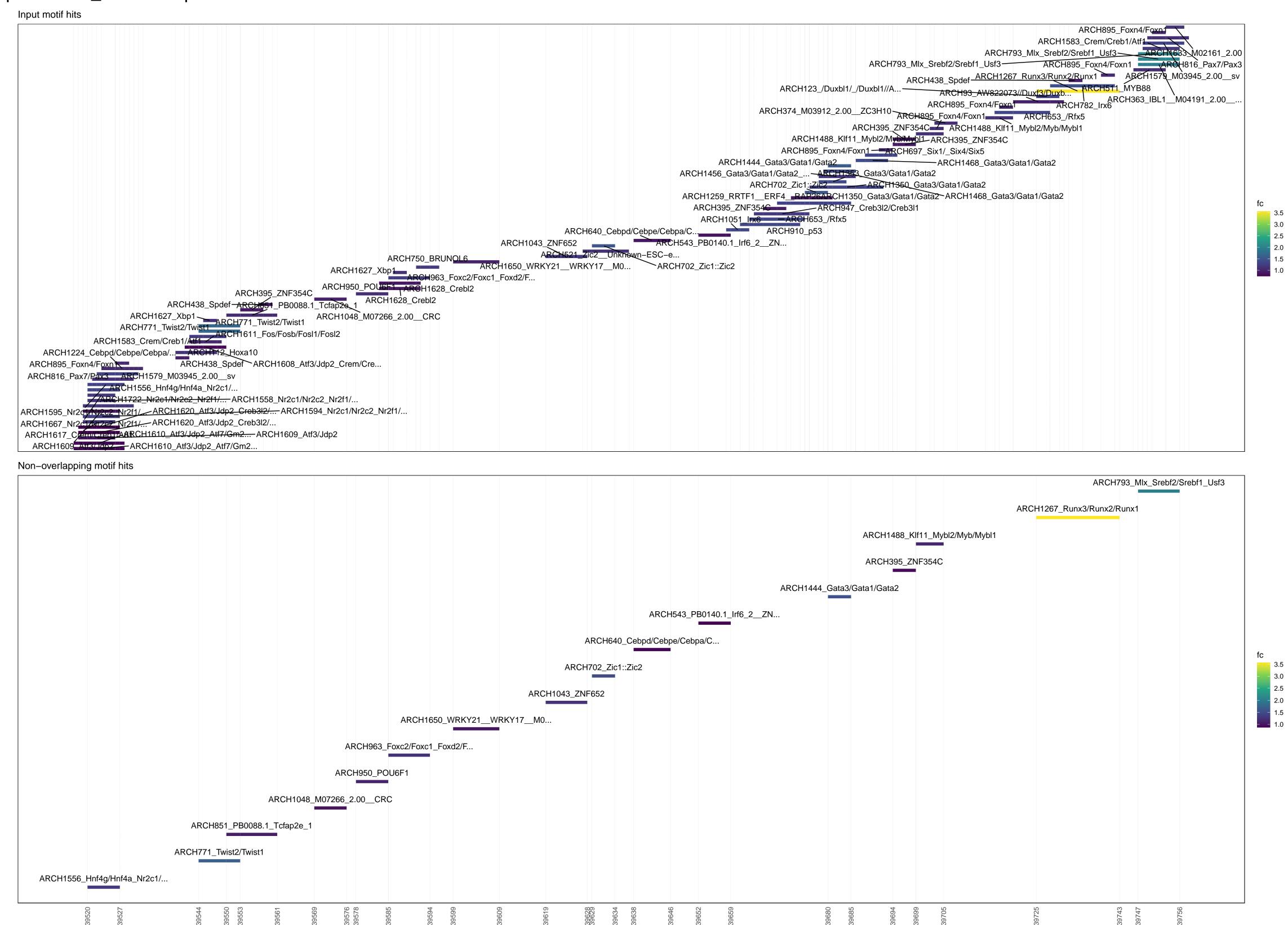






3.5

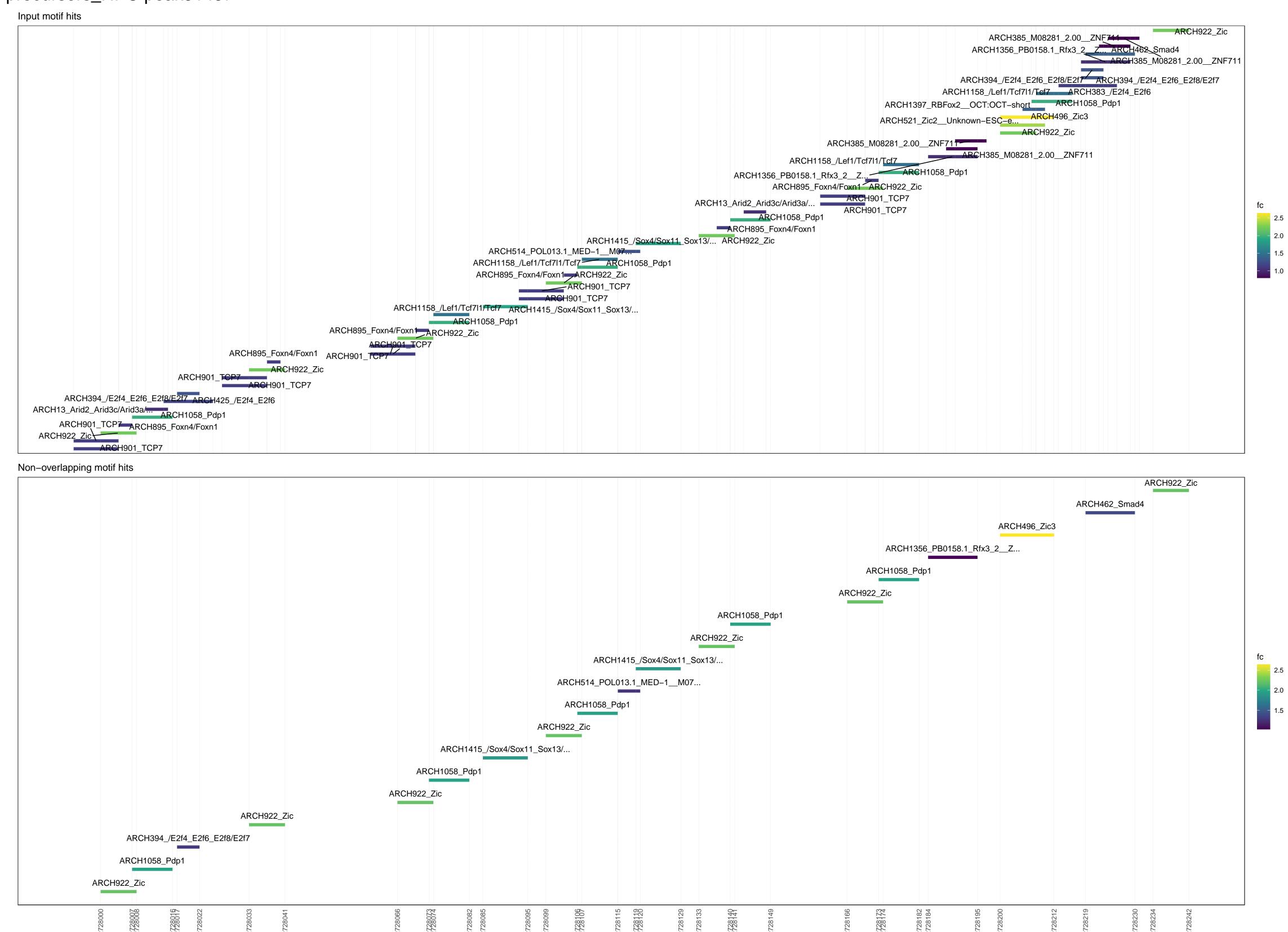


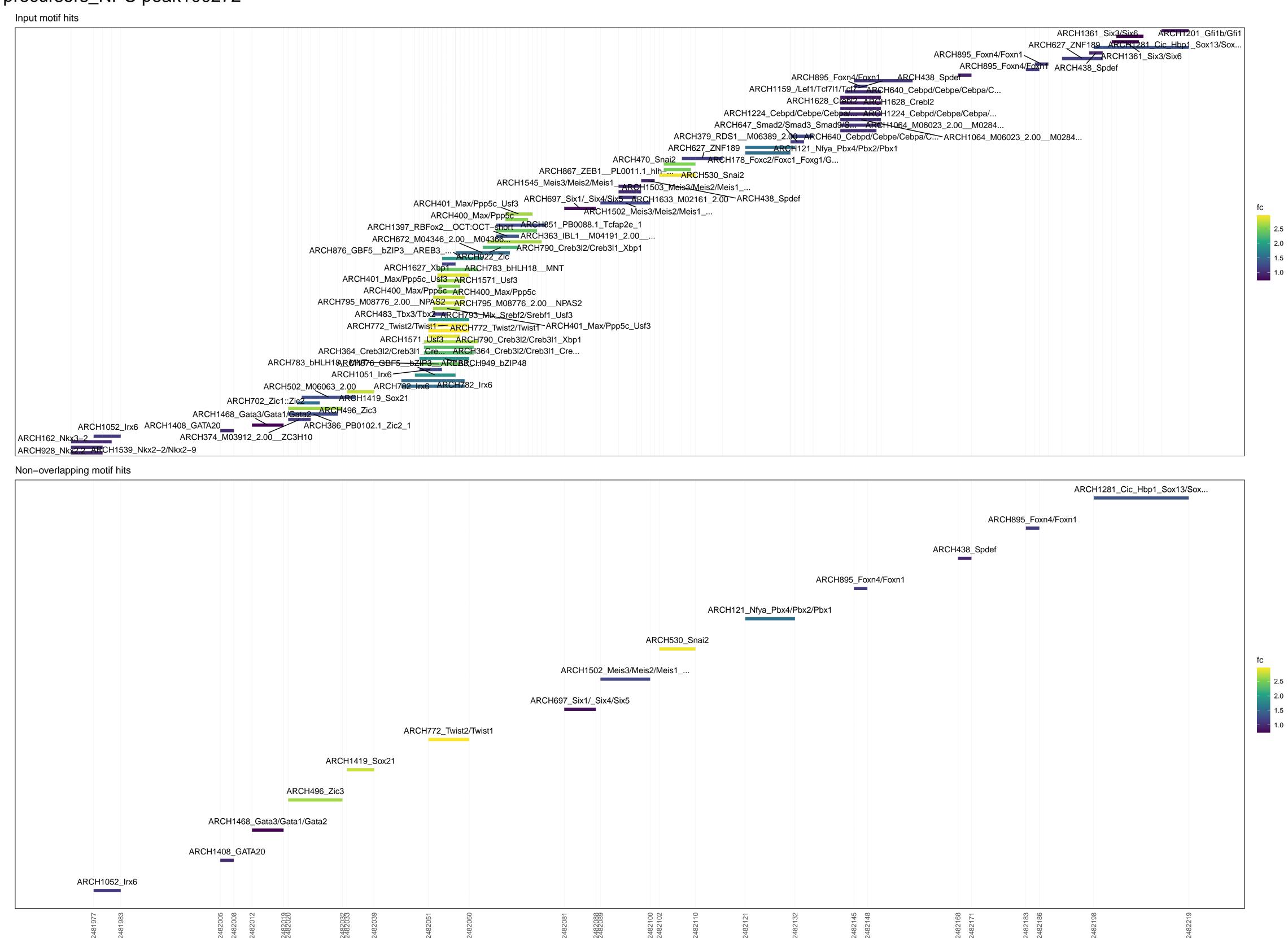


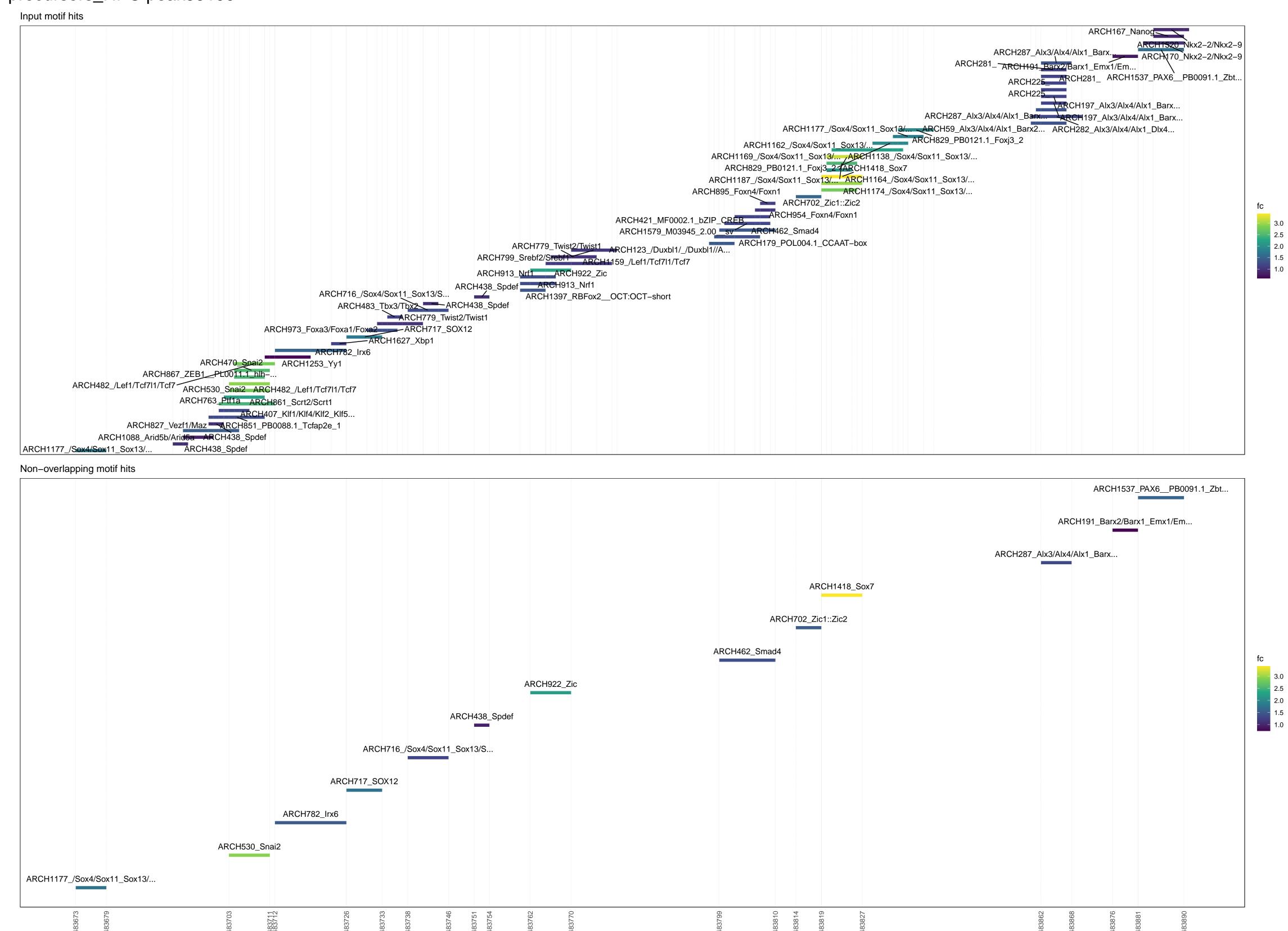
genomic position

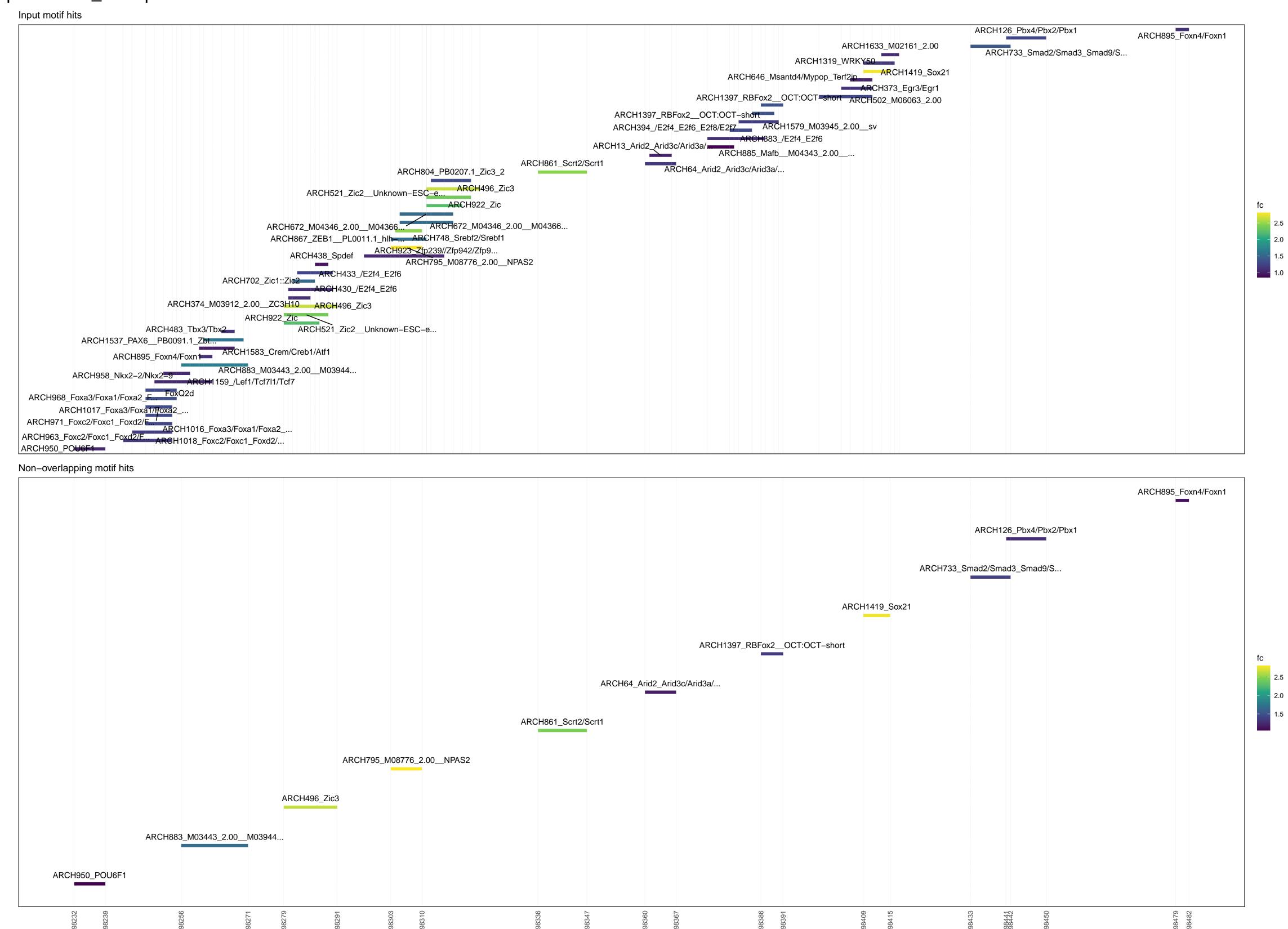
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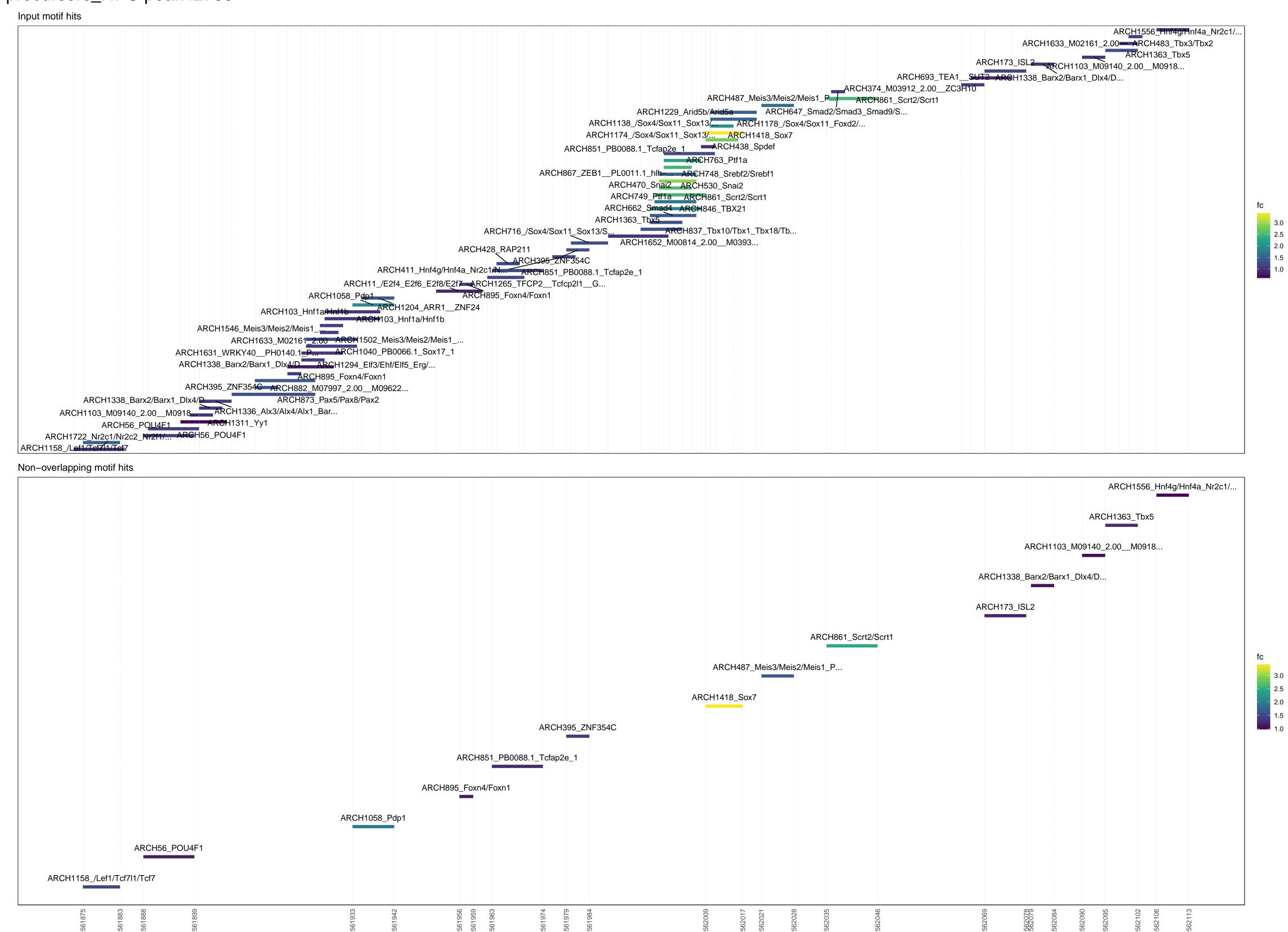
1.2

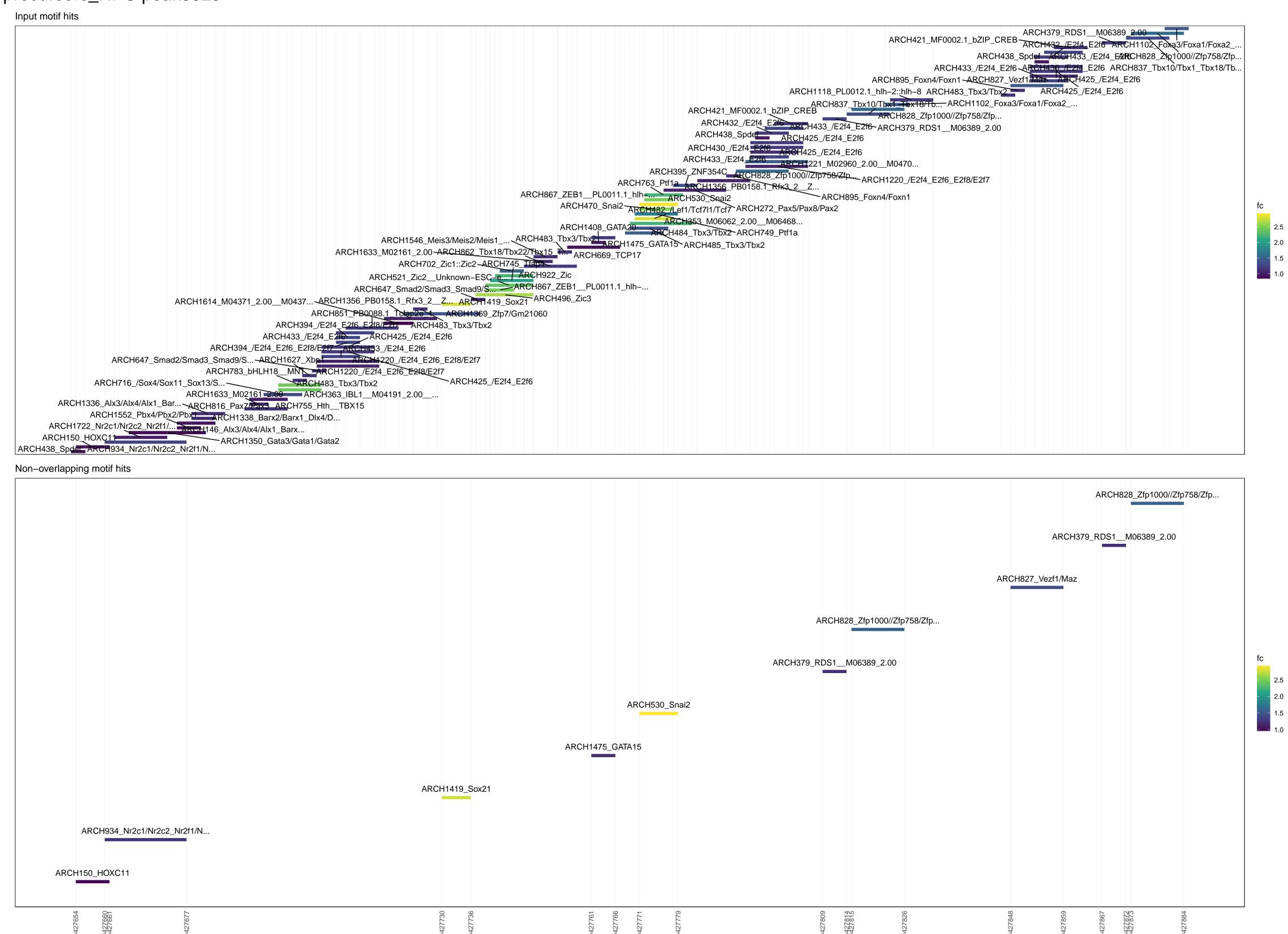




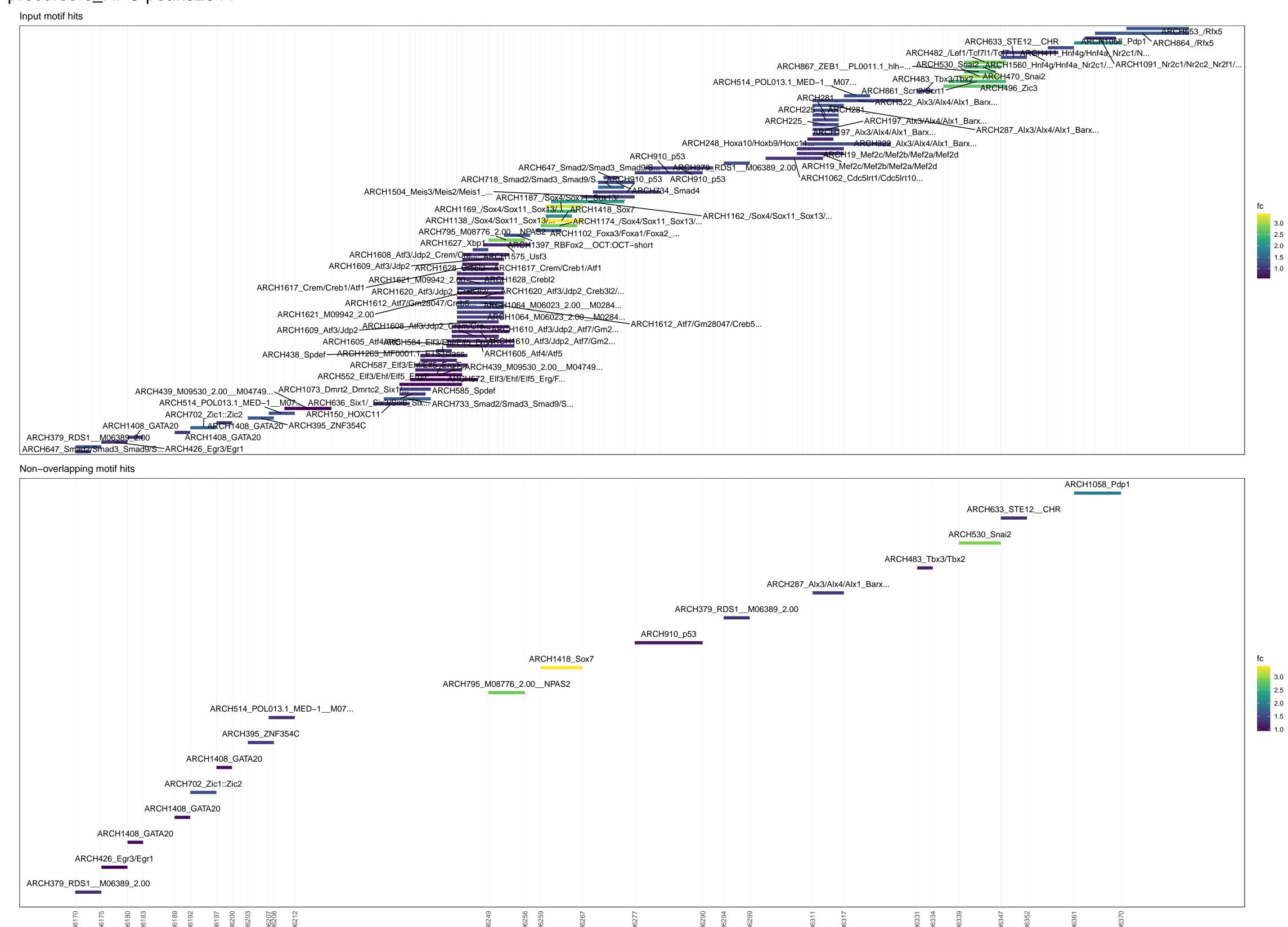




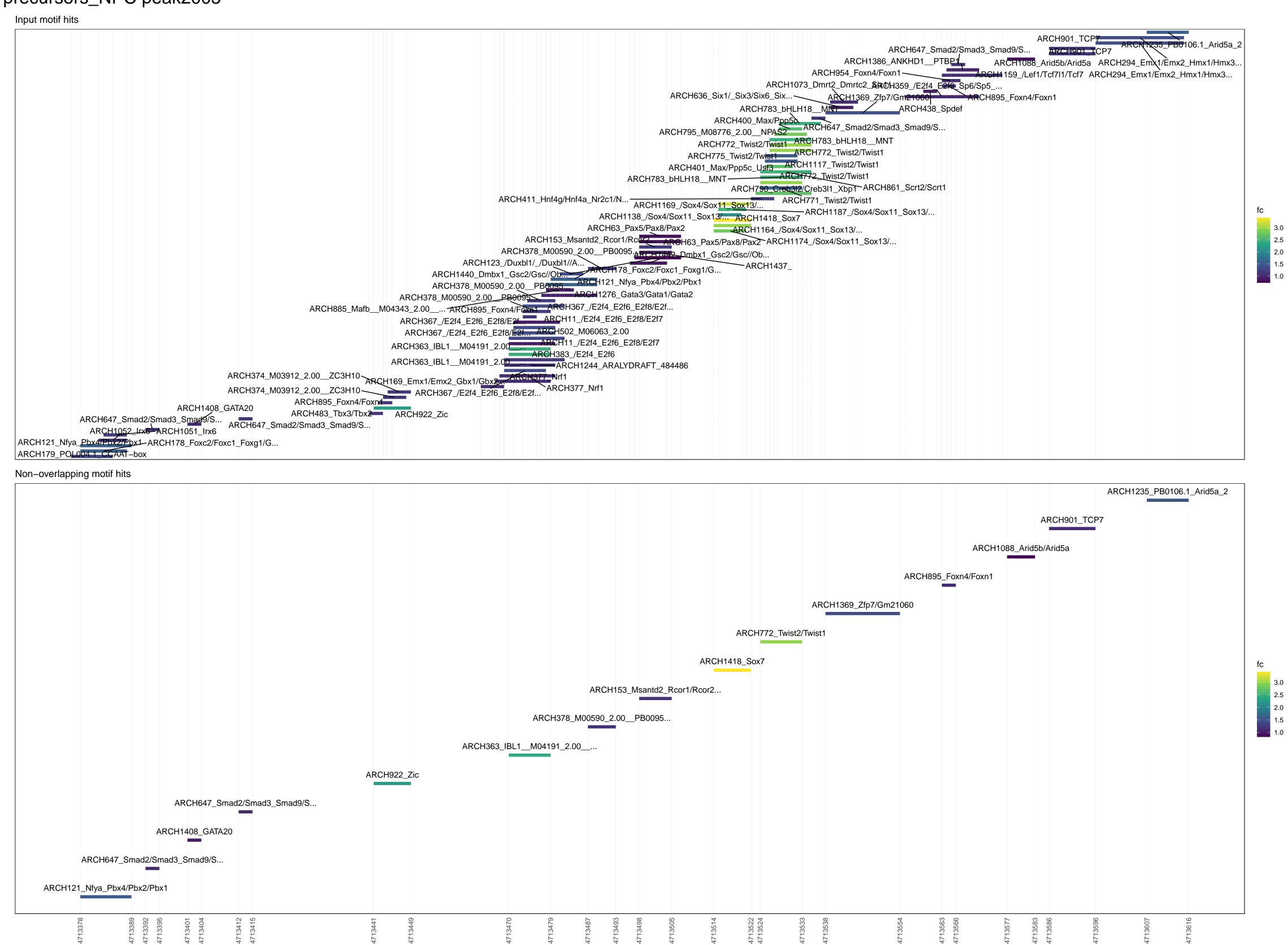


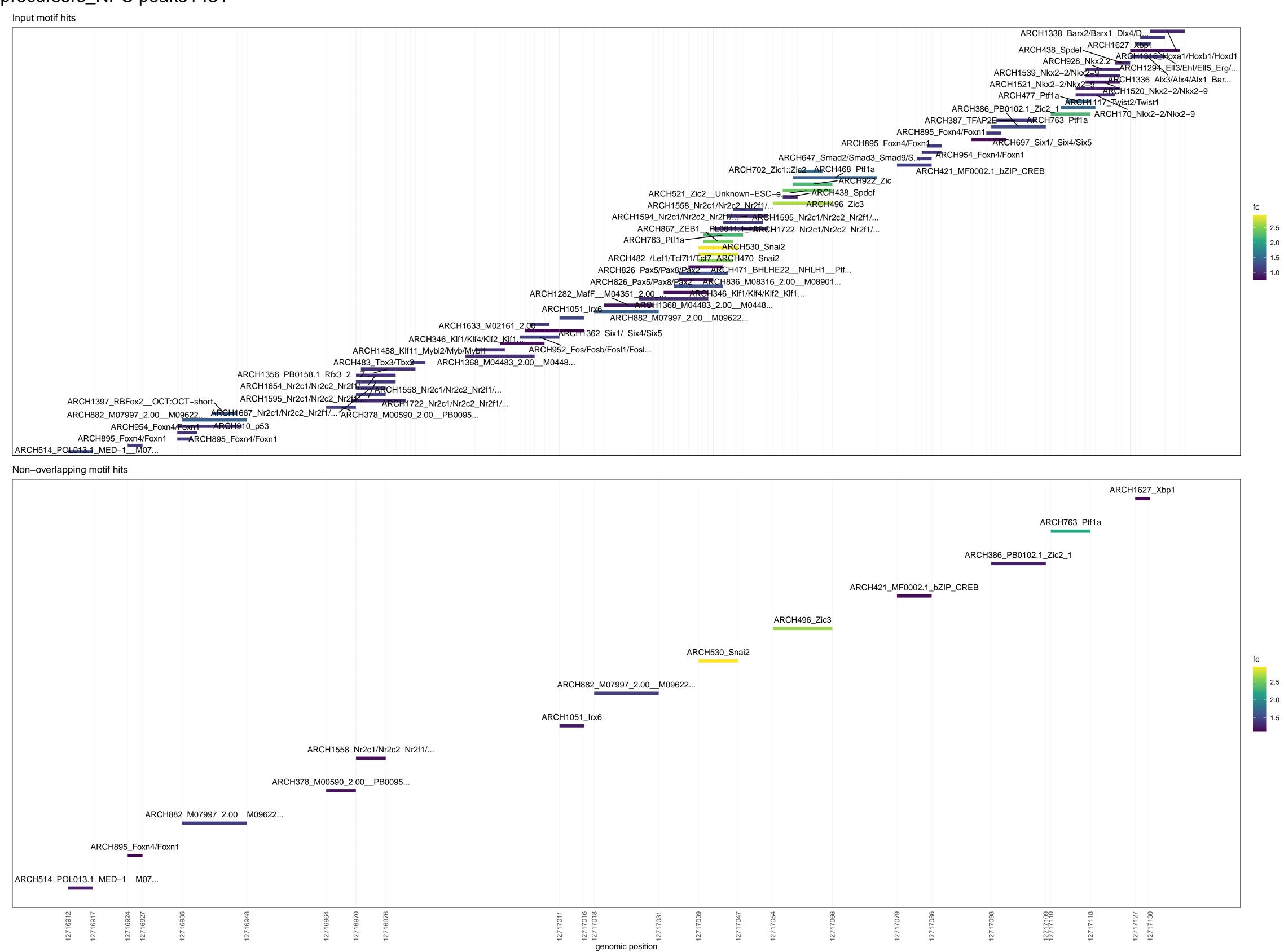


precursors_NPC peak62644

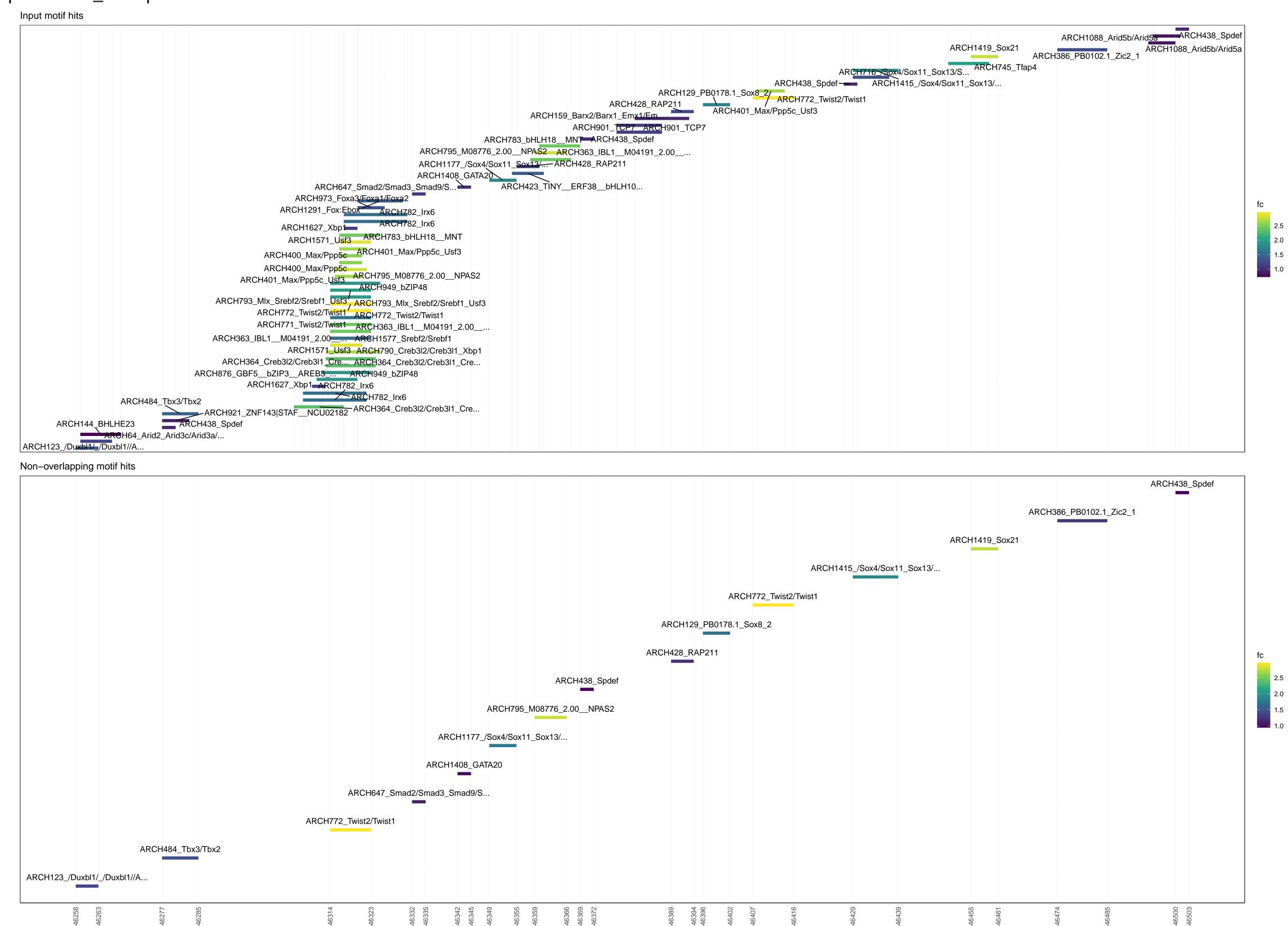


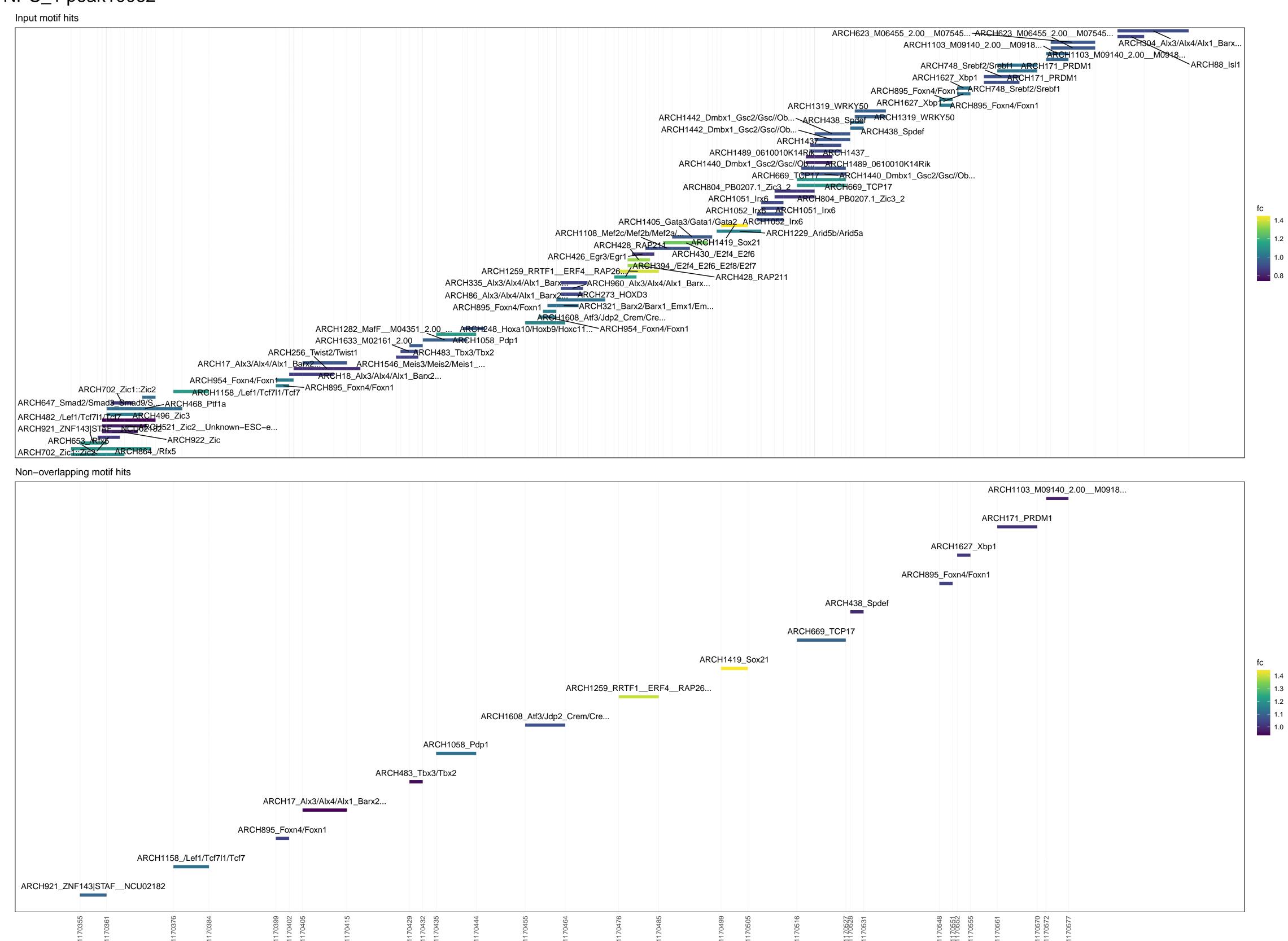
precursors_NPC peak2005

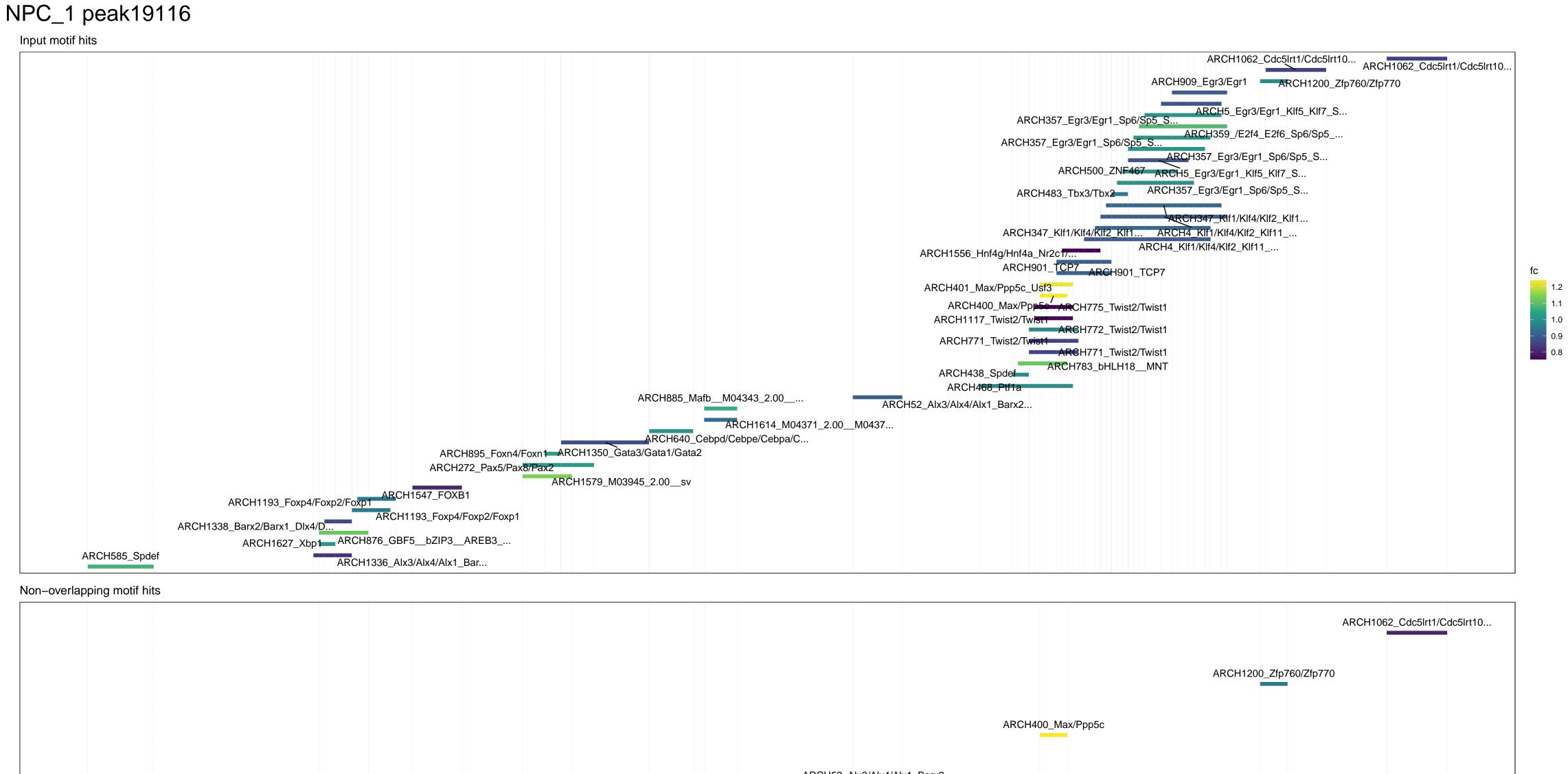




precursors_NPC peak29214

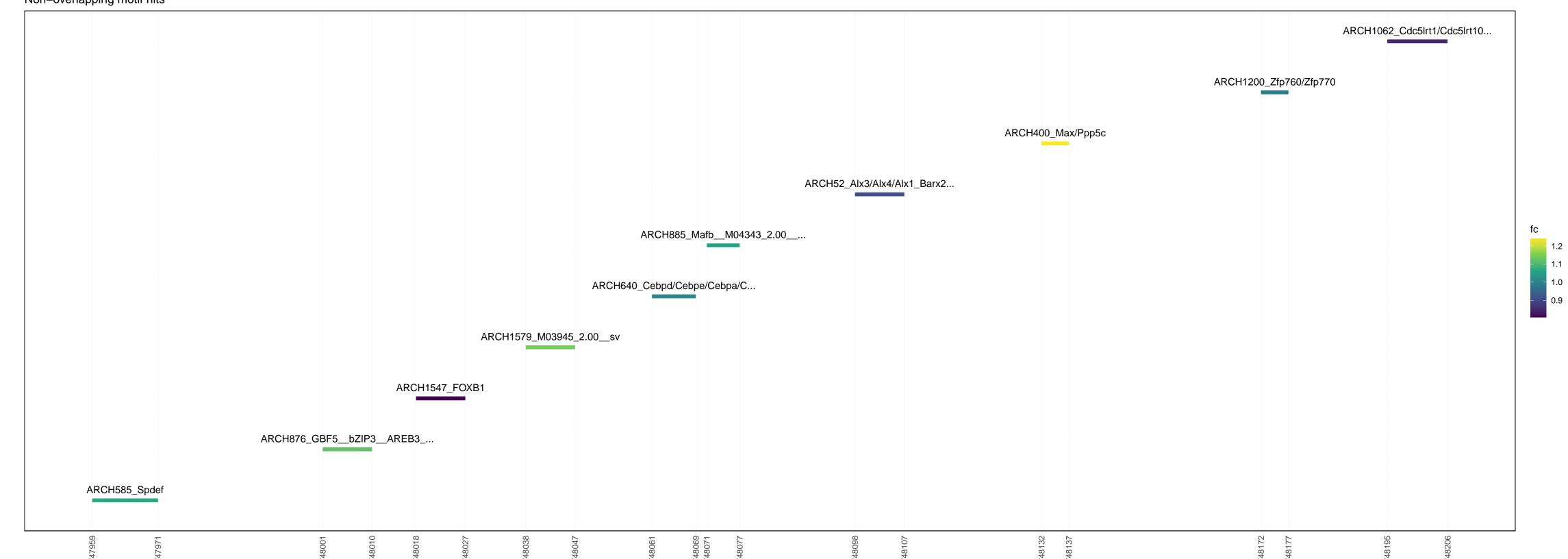


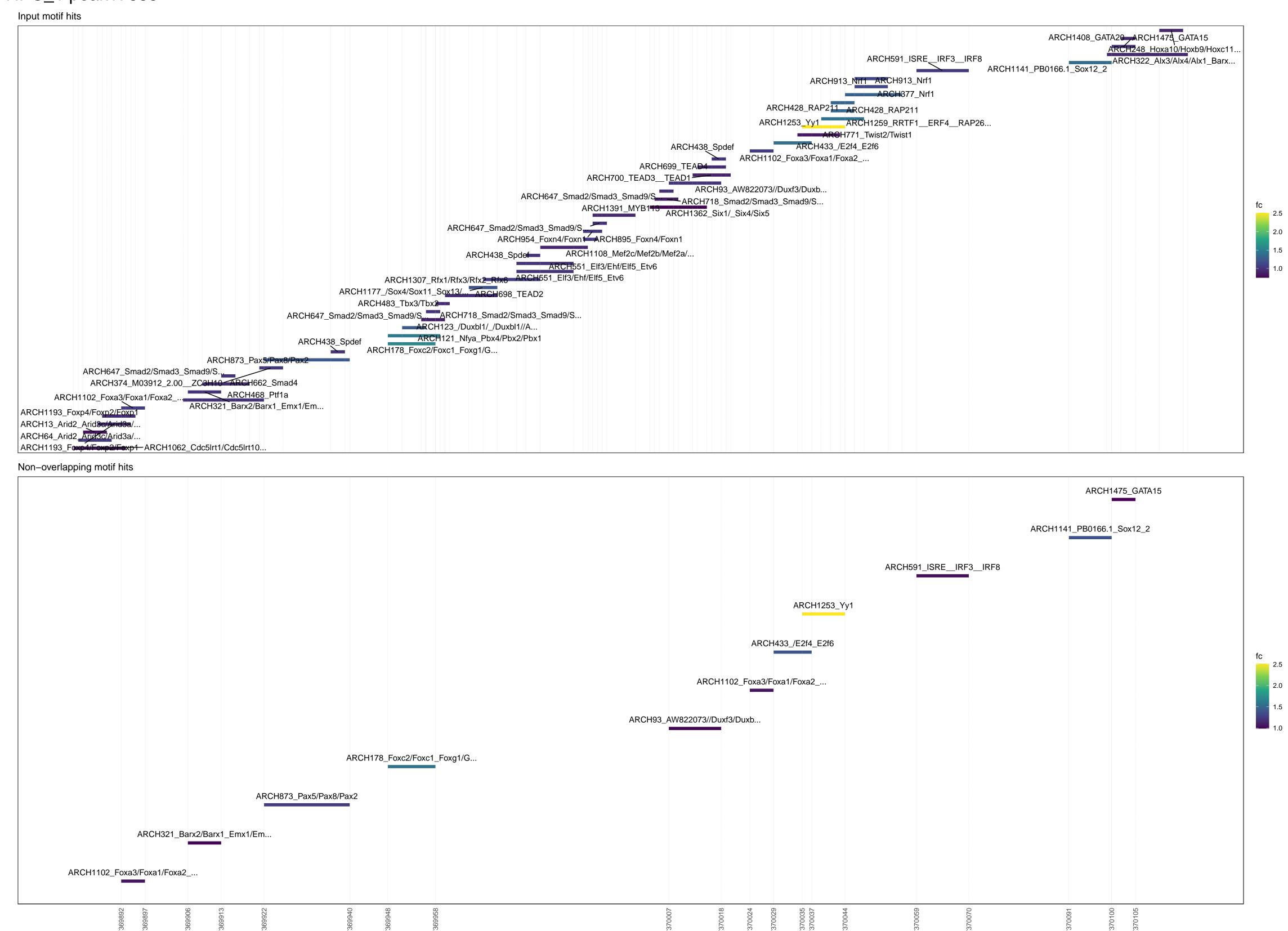


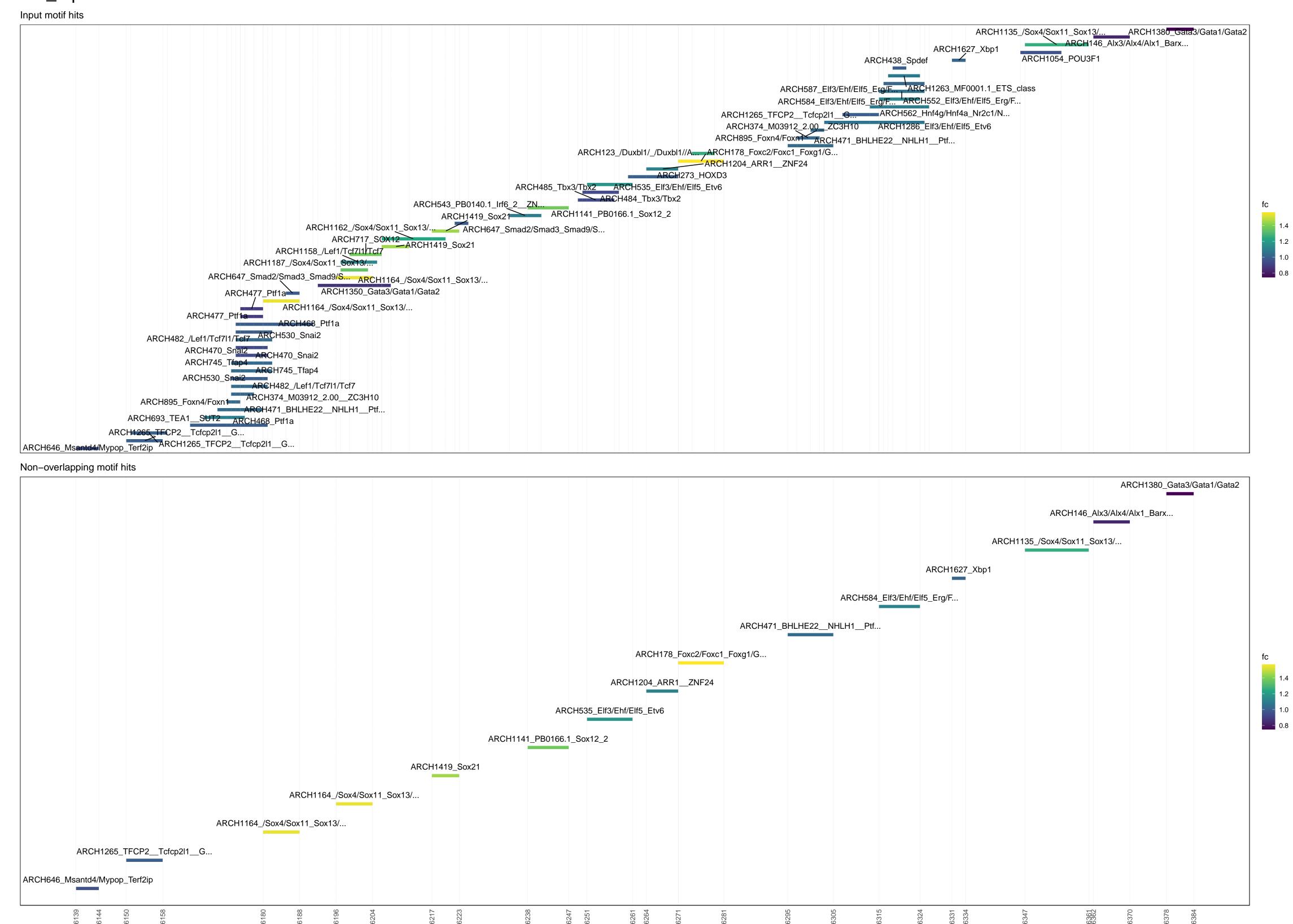


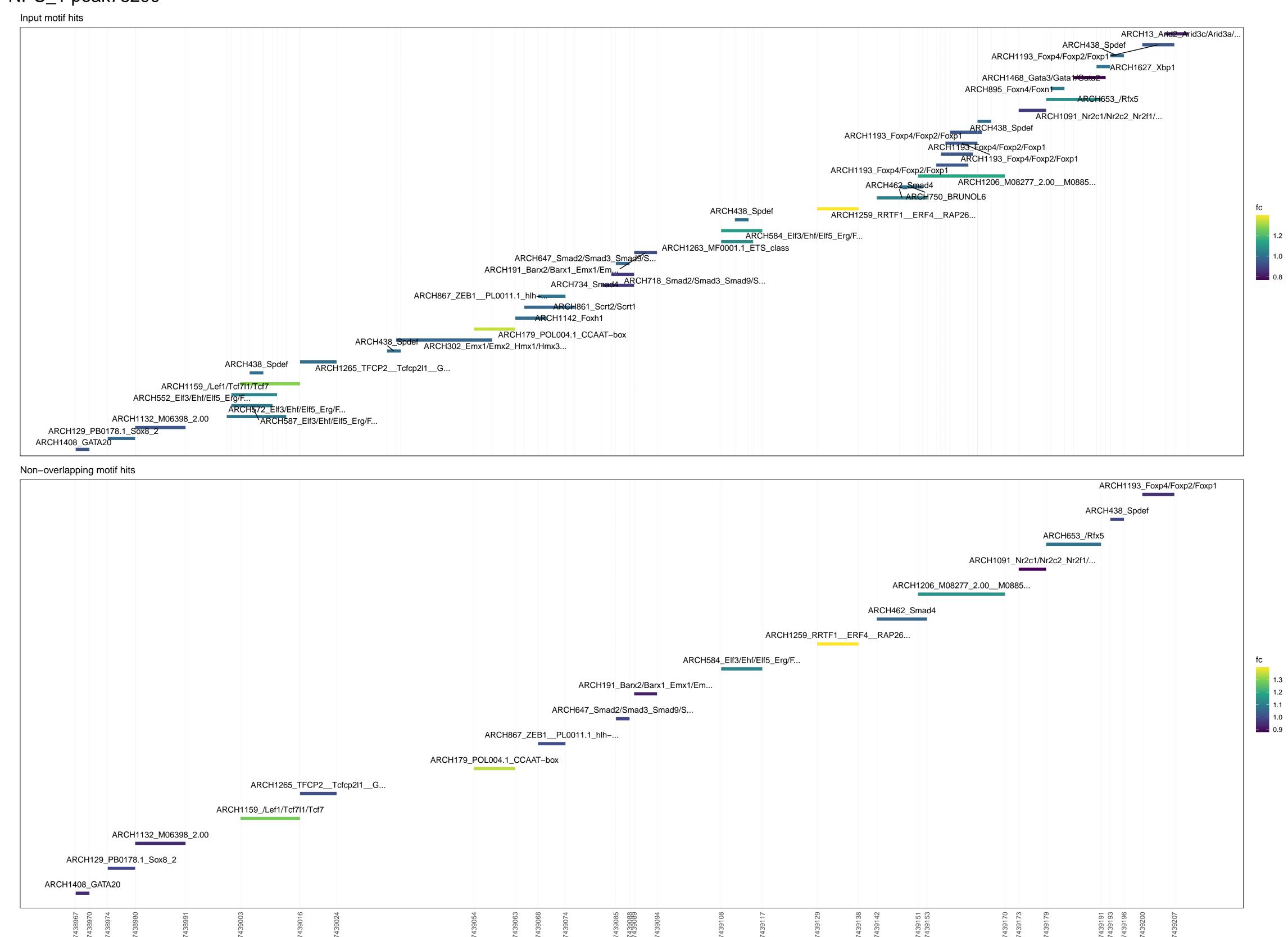
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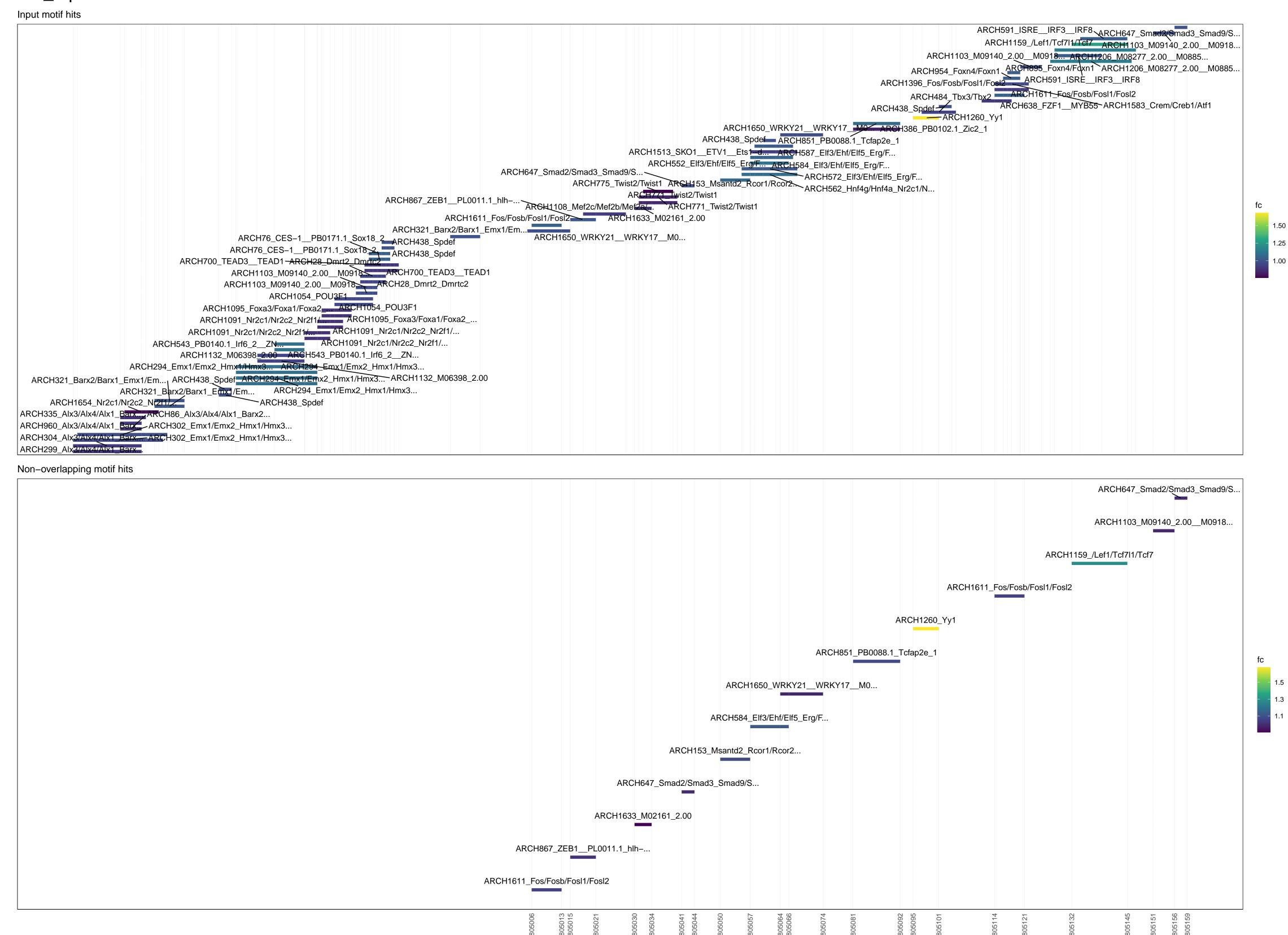
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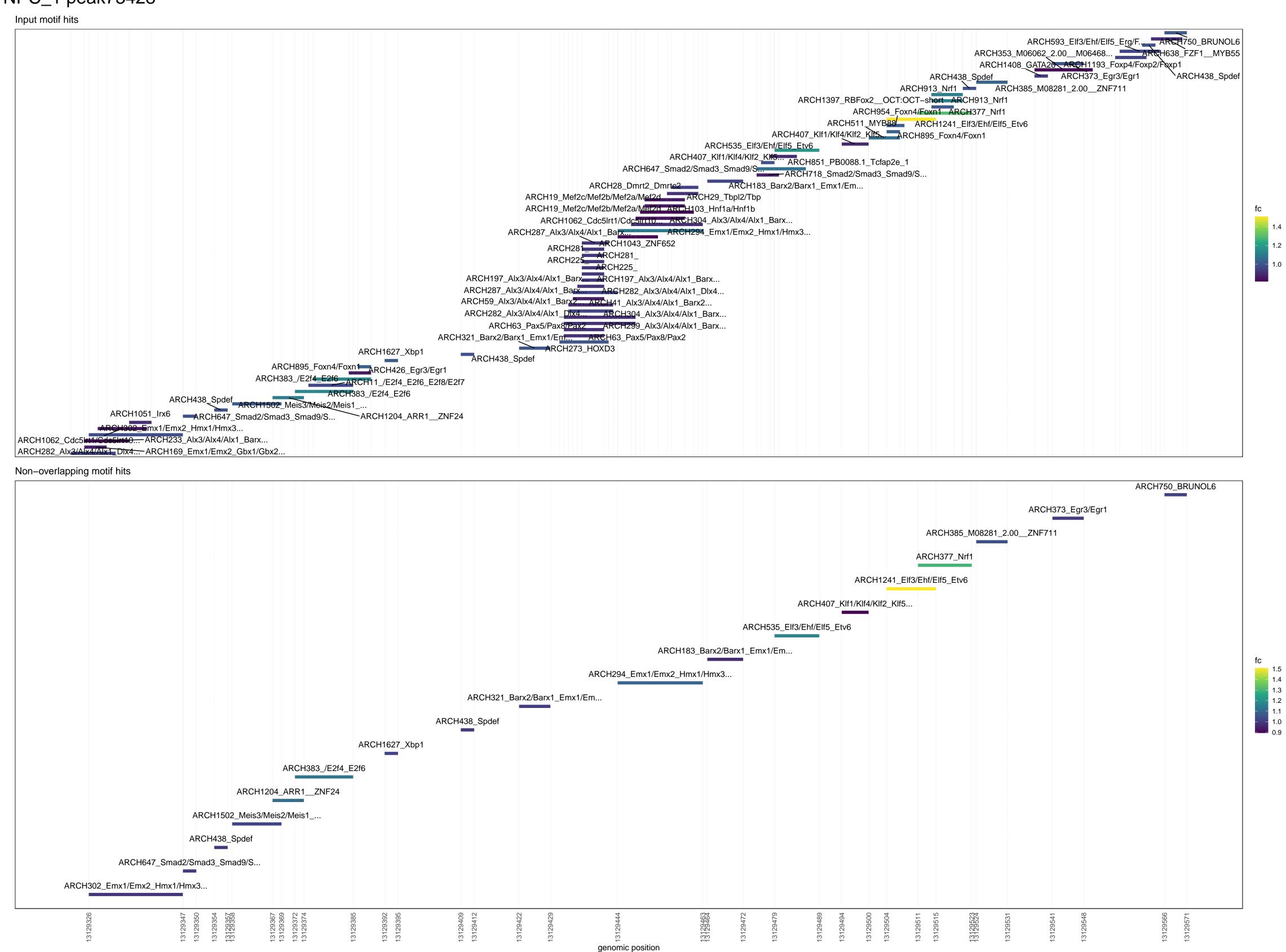




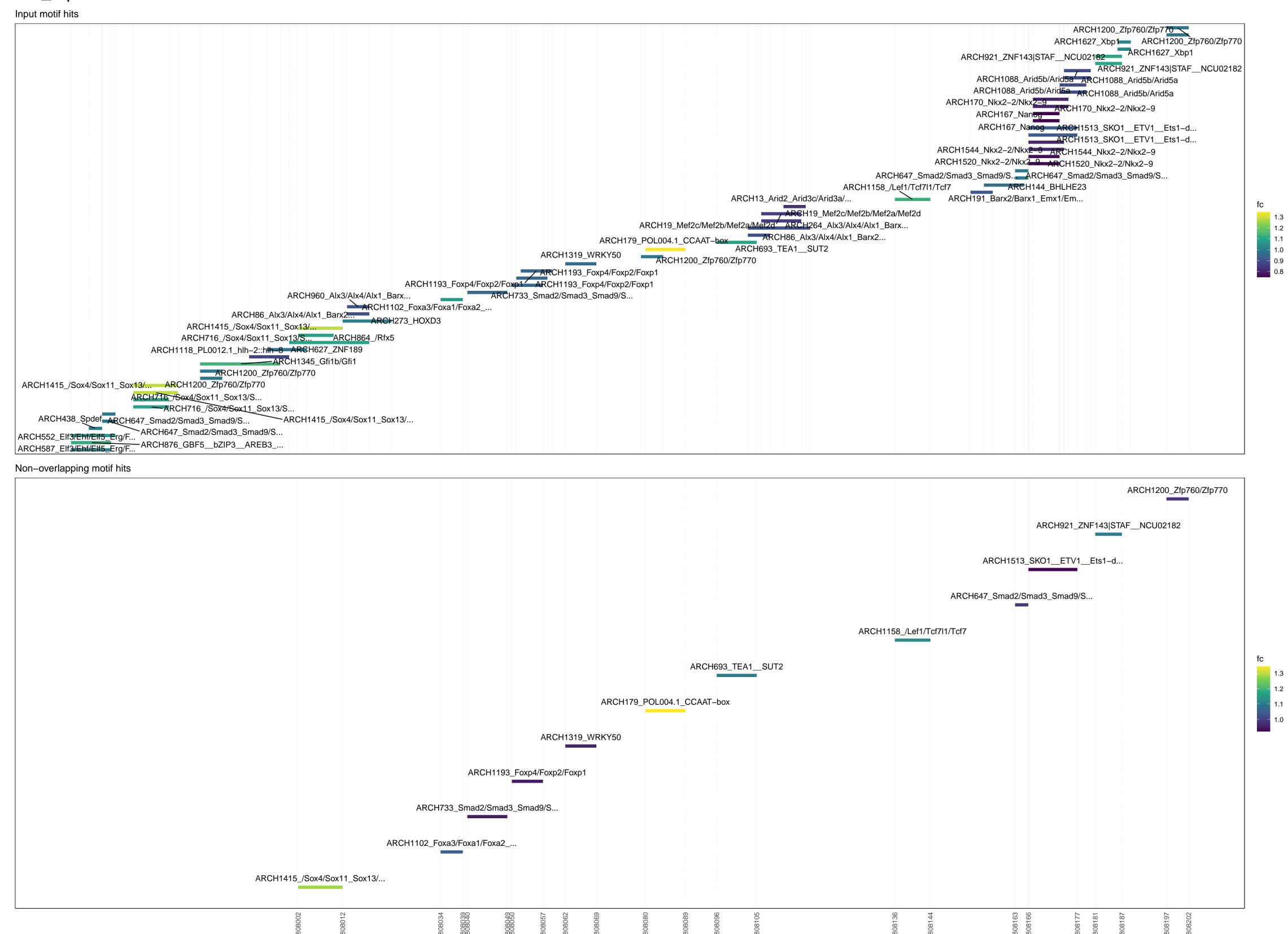




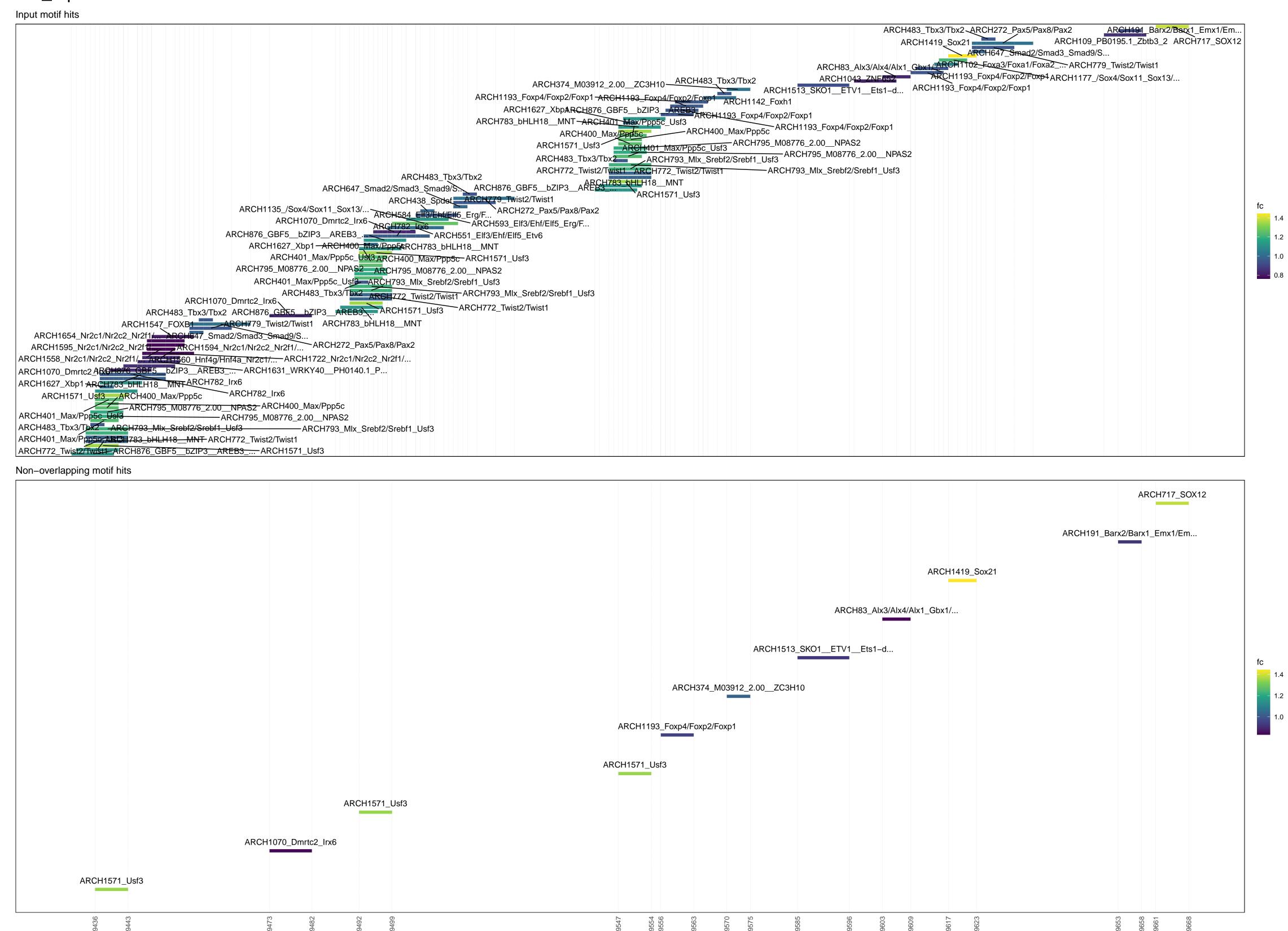


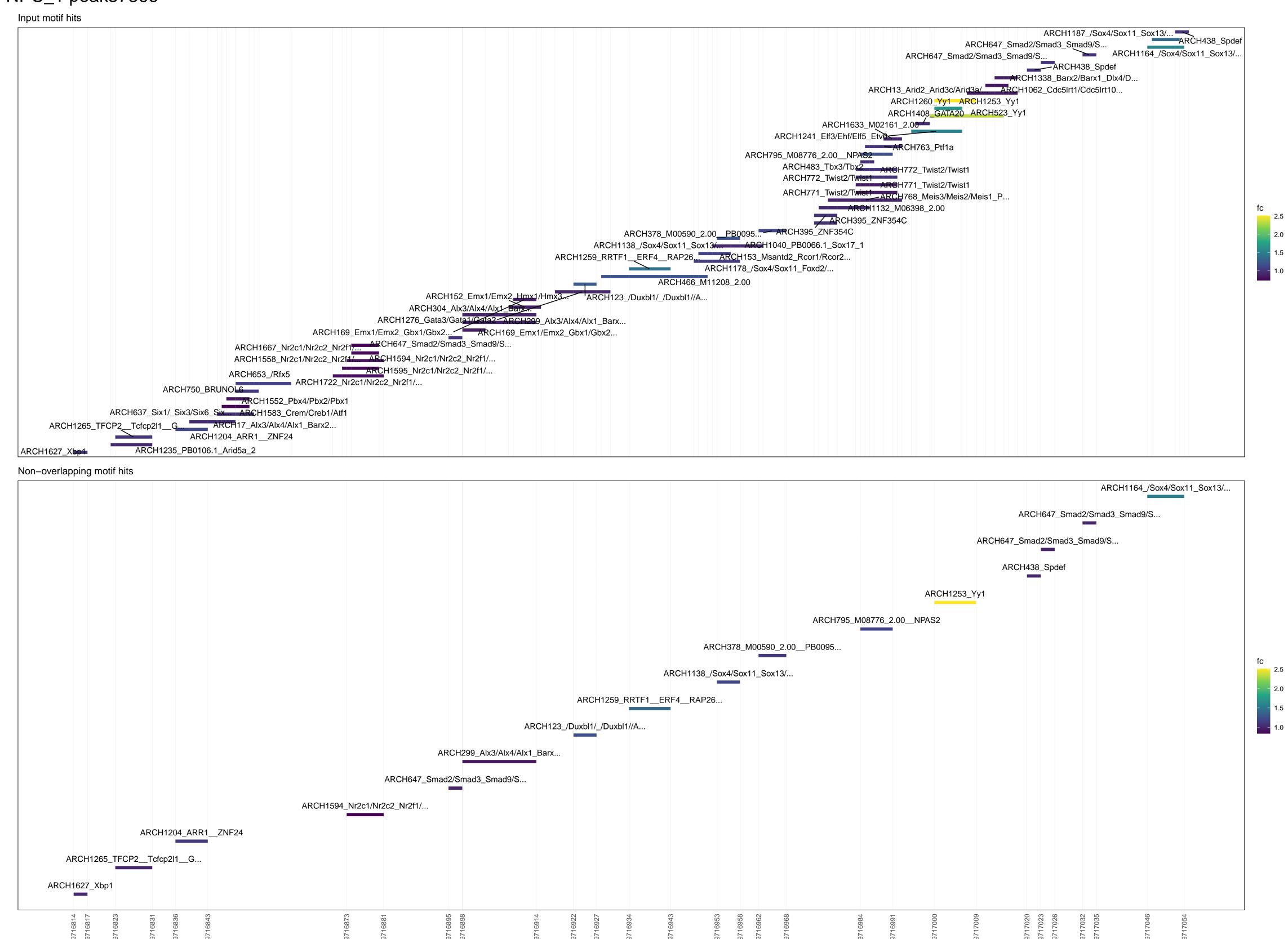


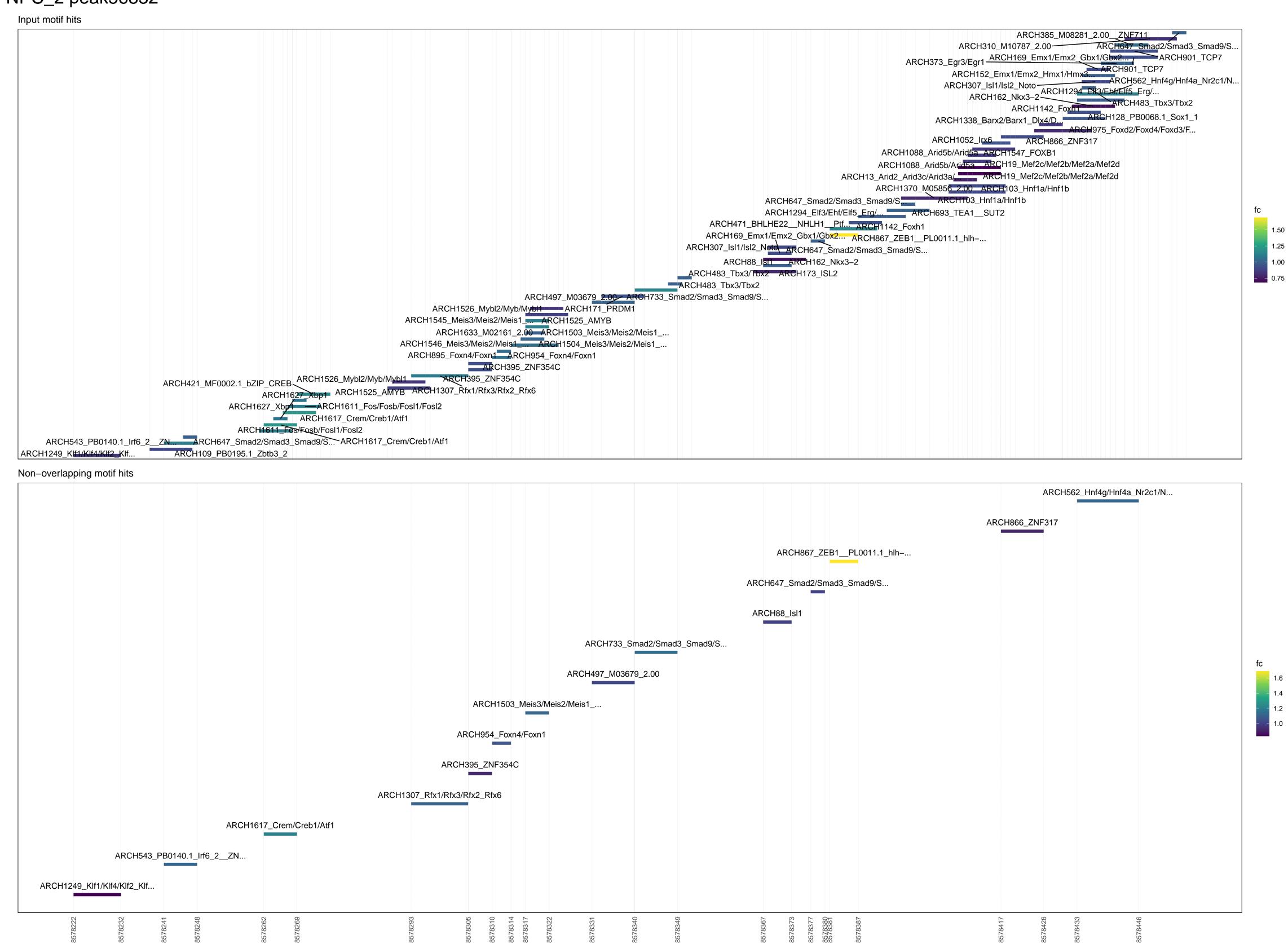
1.5

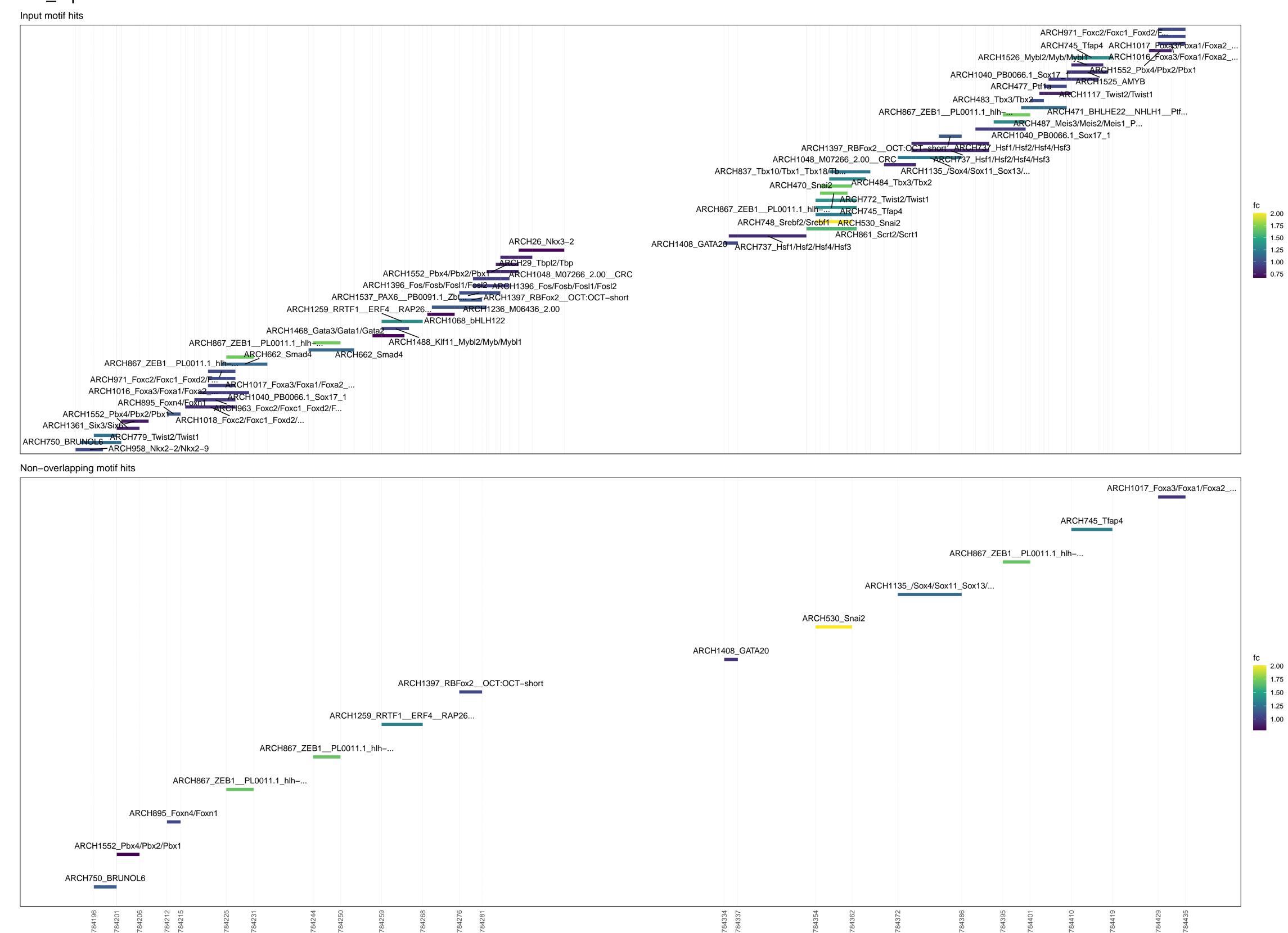


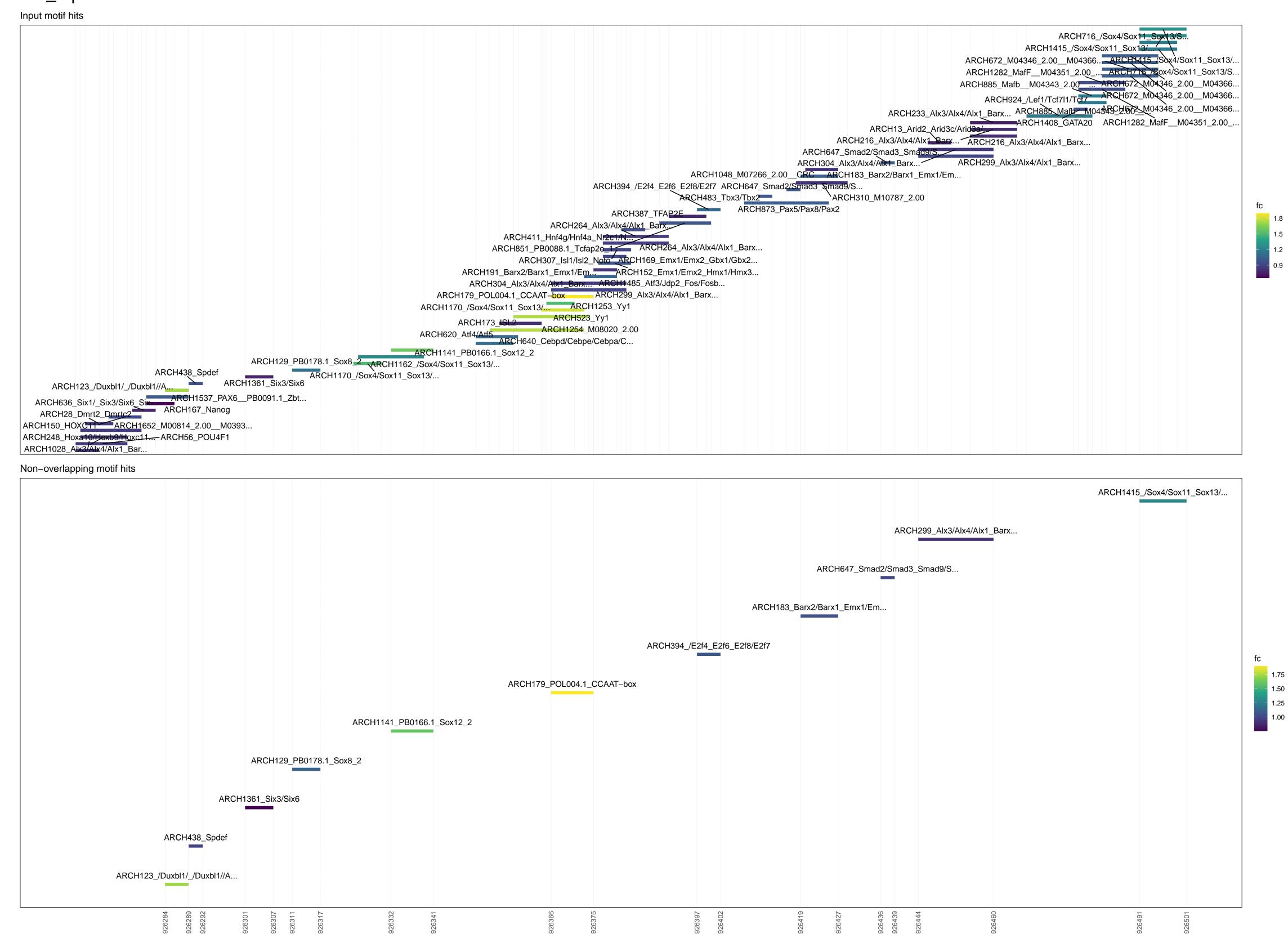
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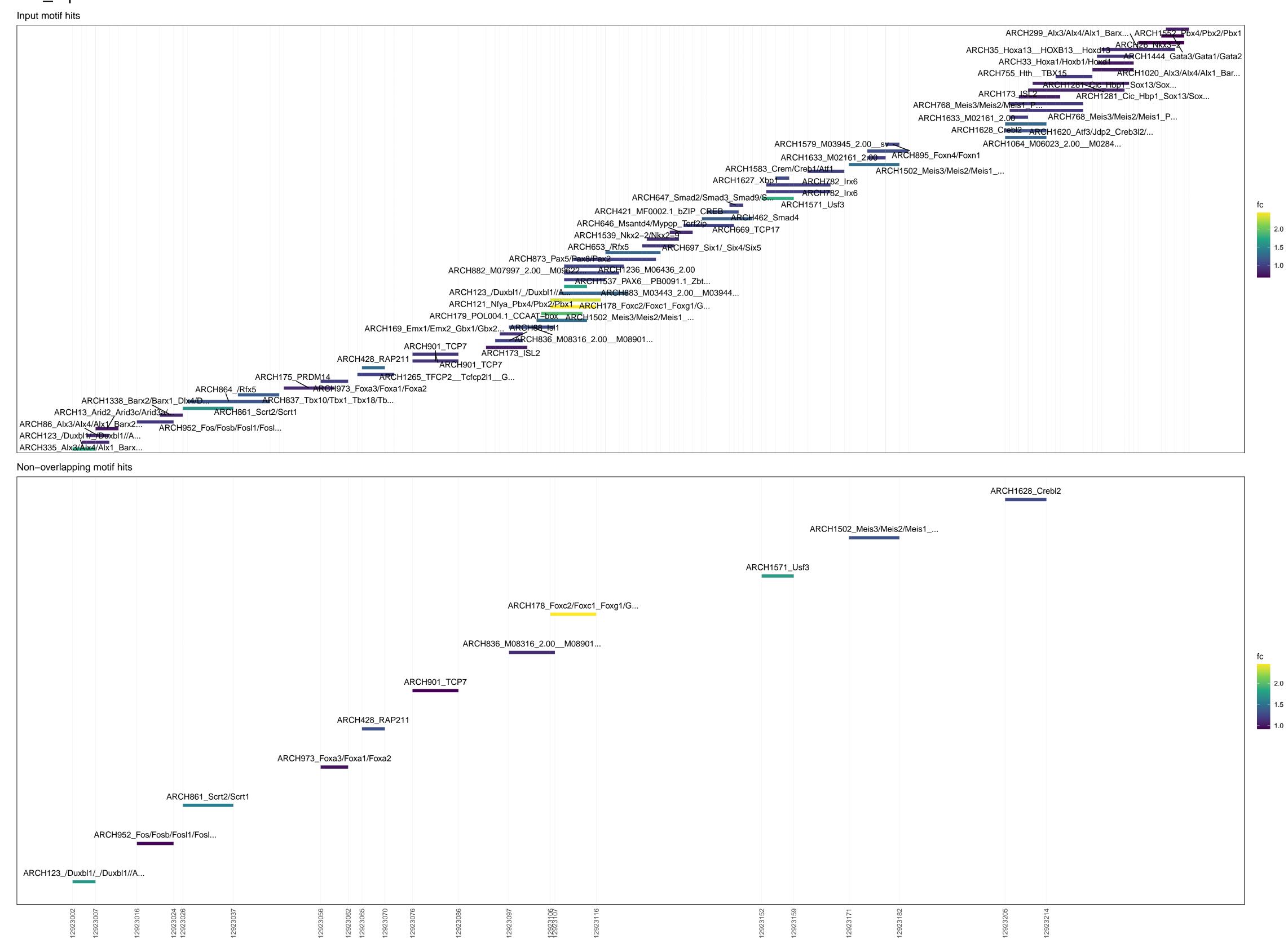


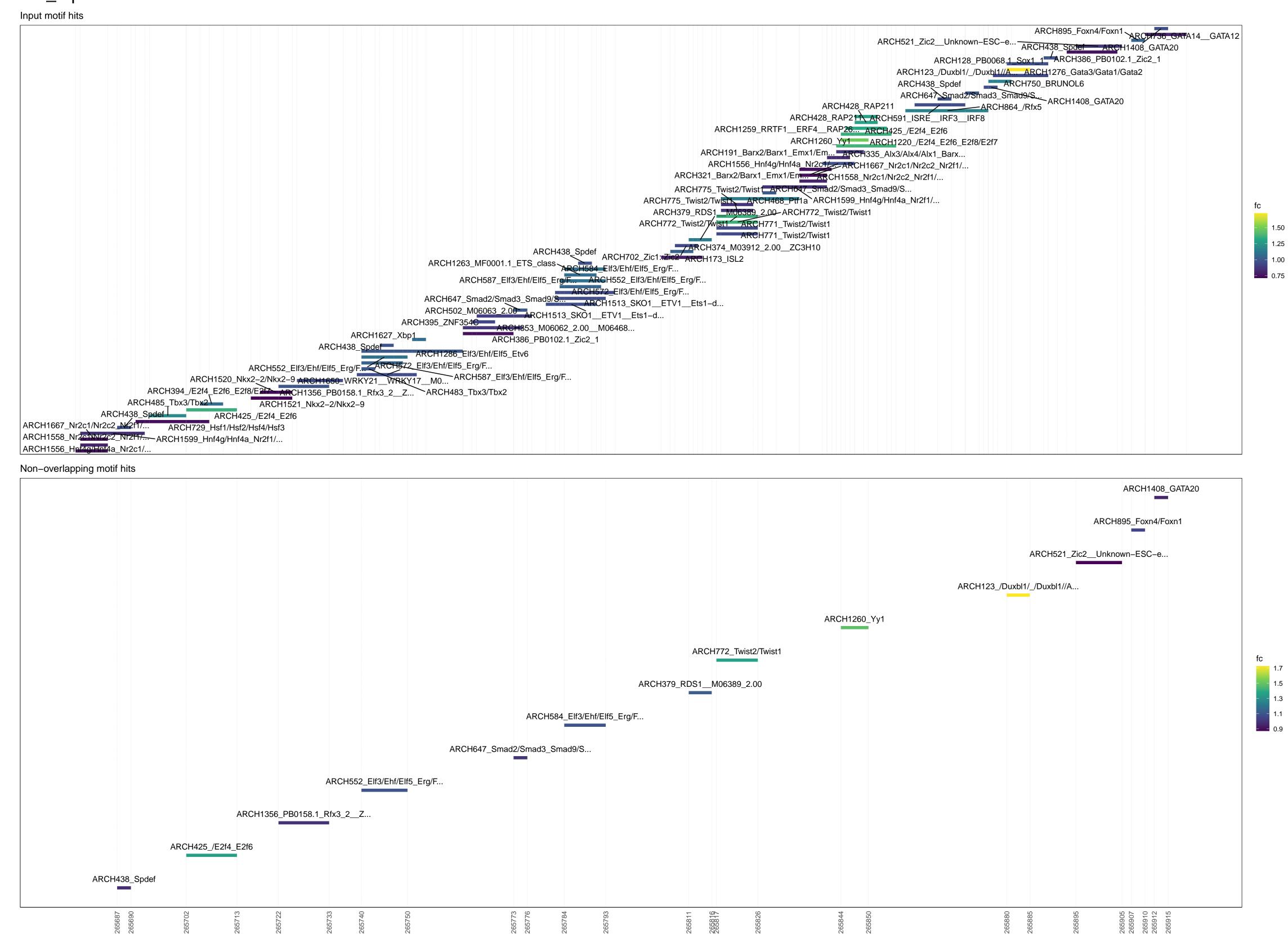


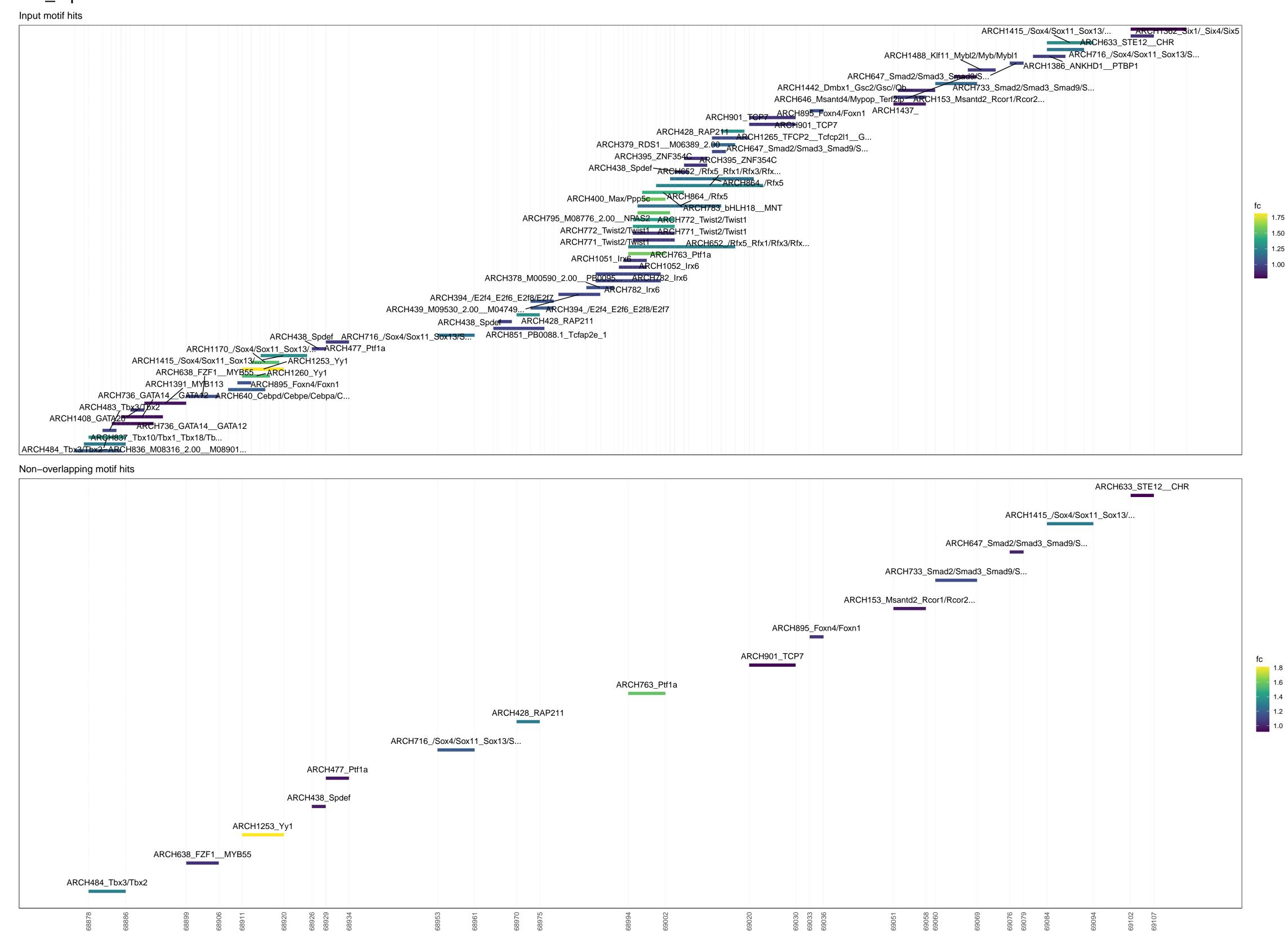


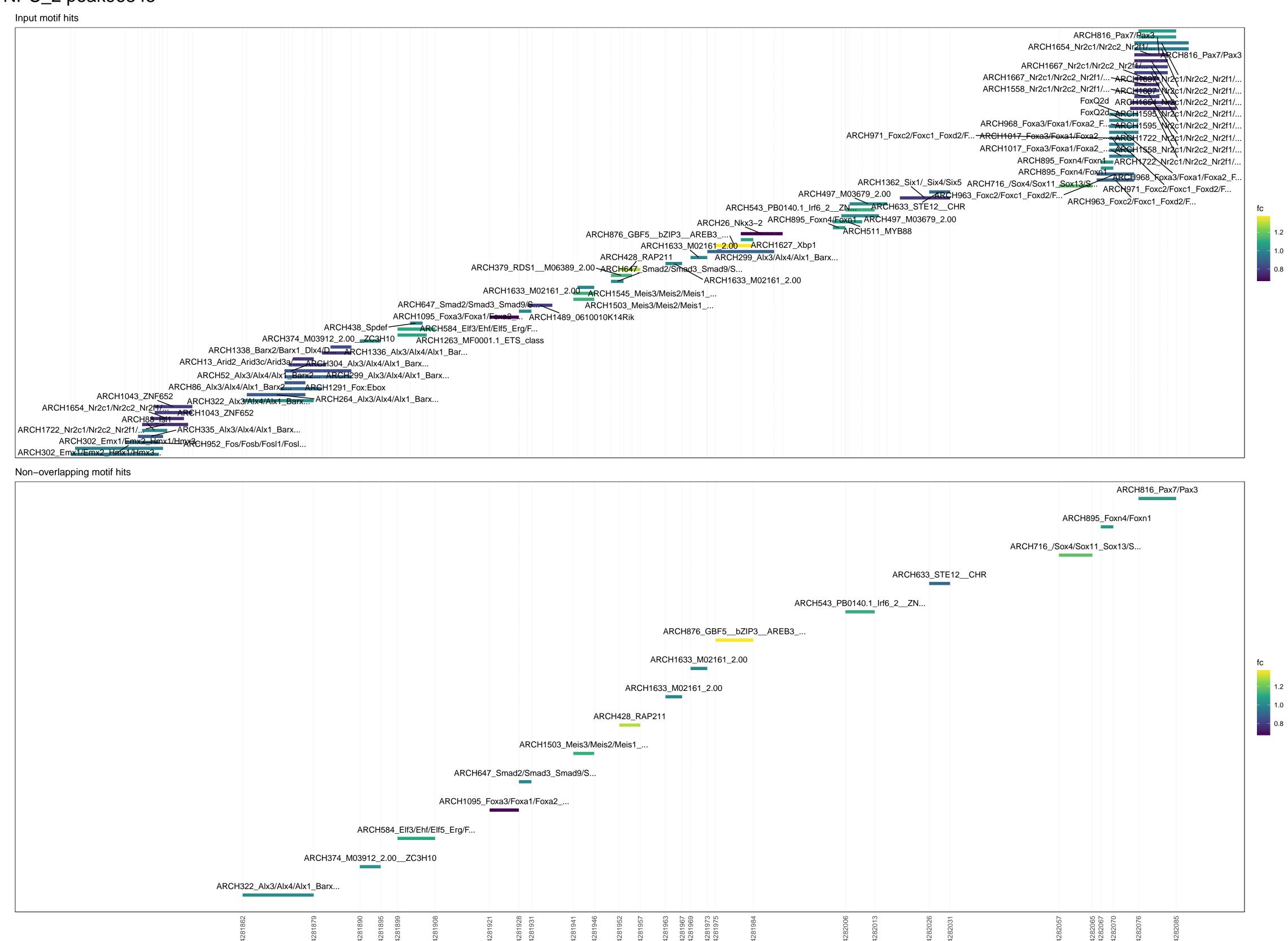


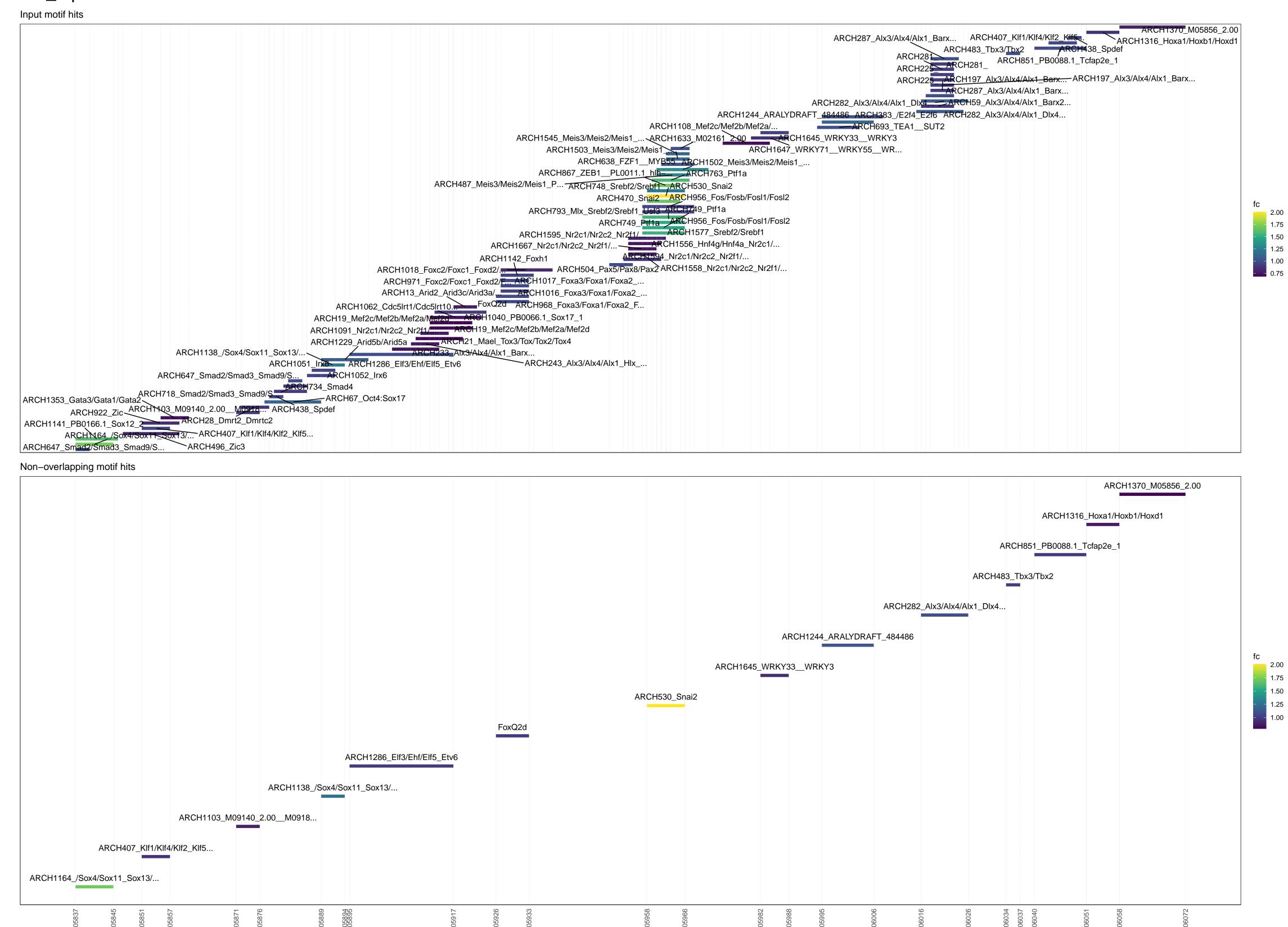


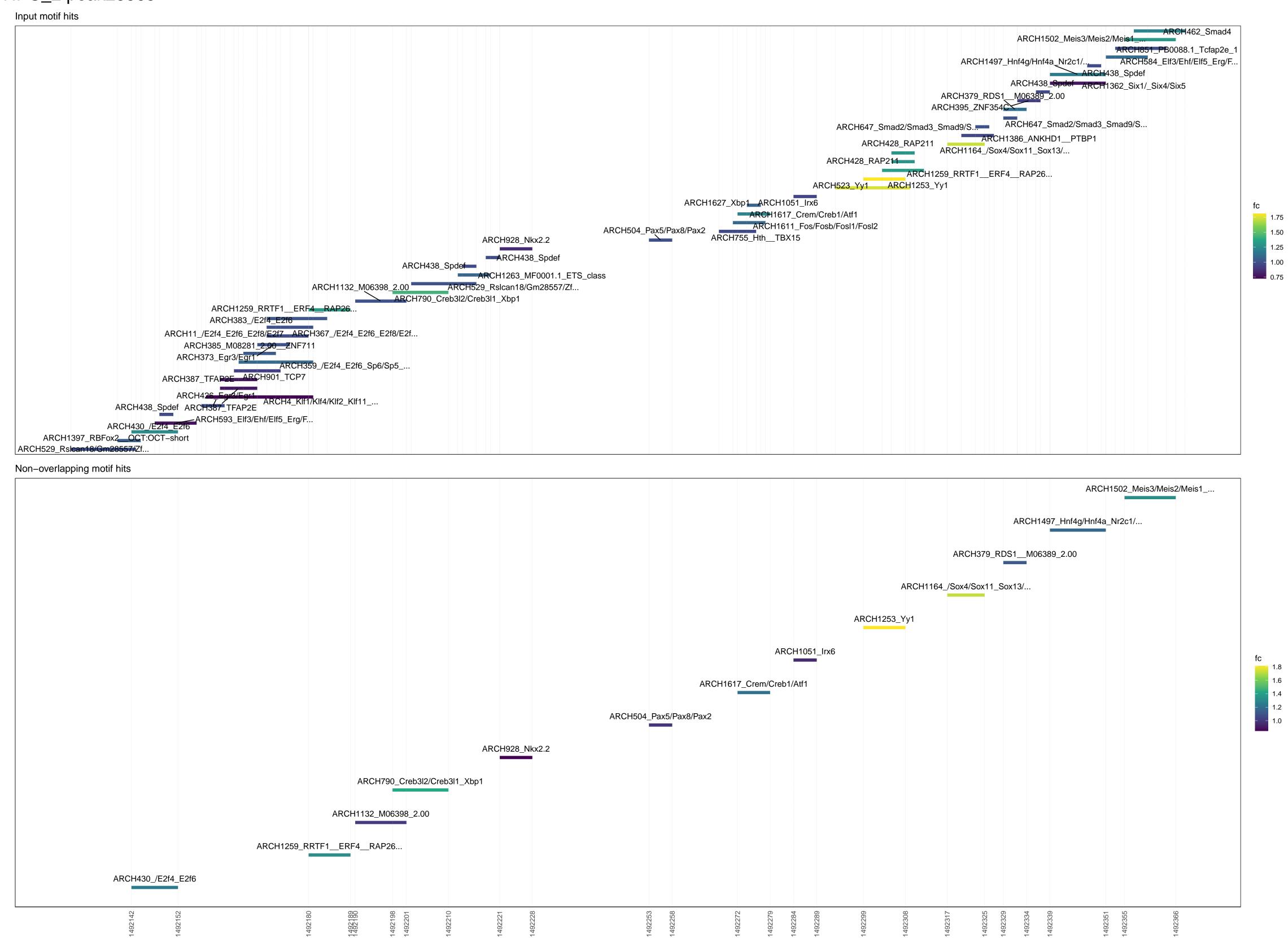


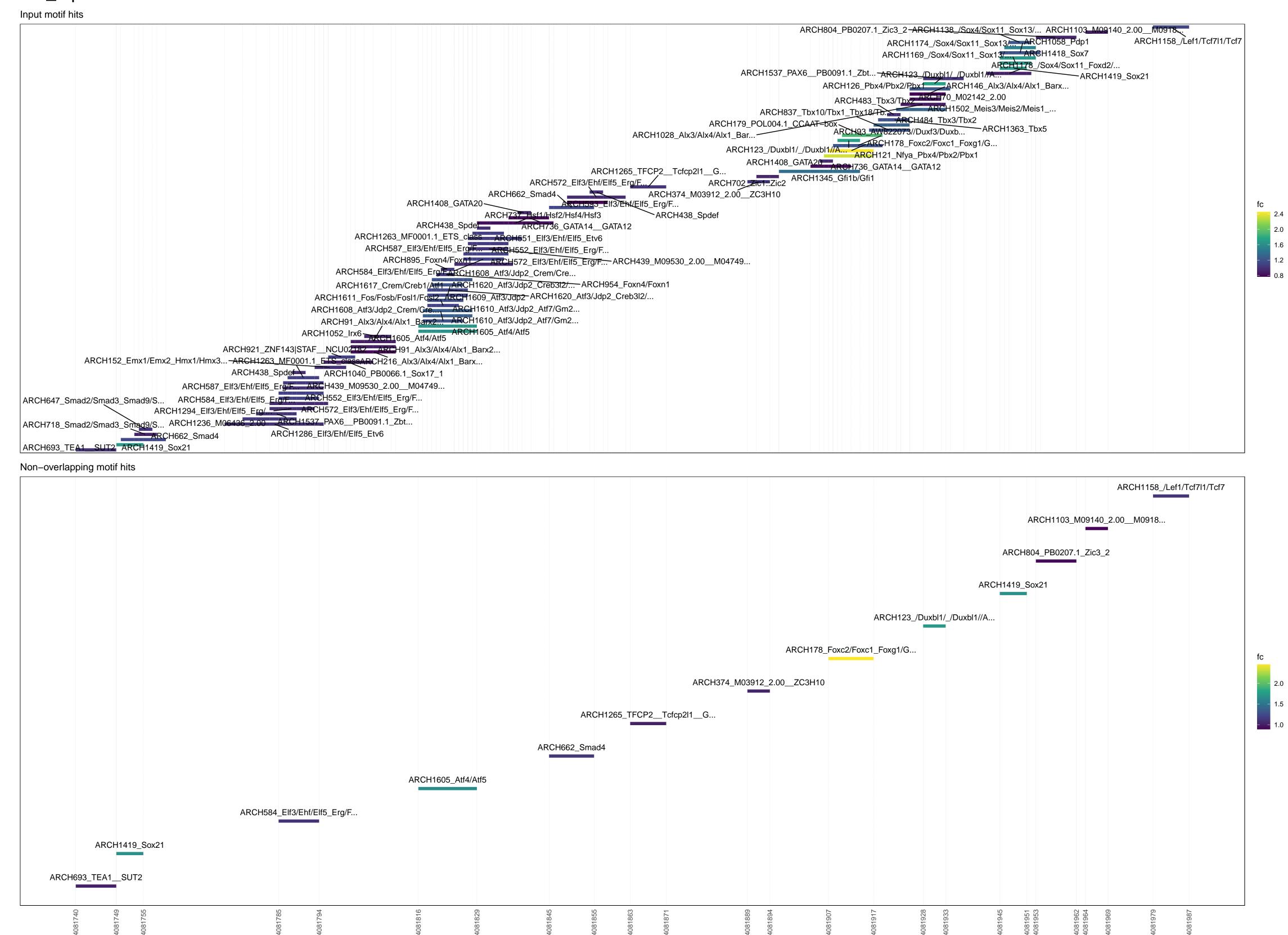


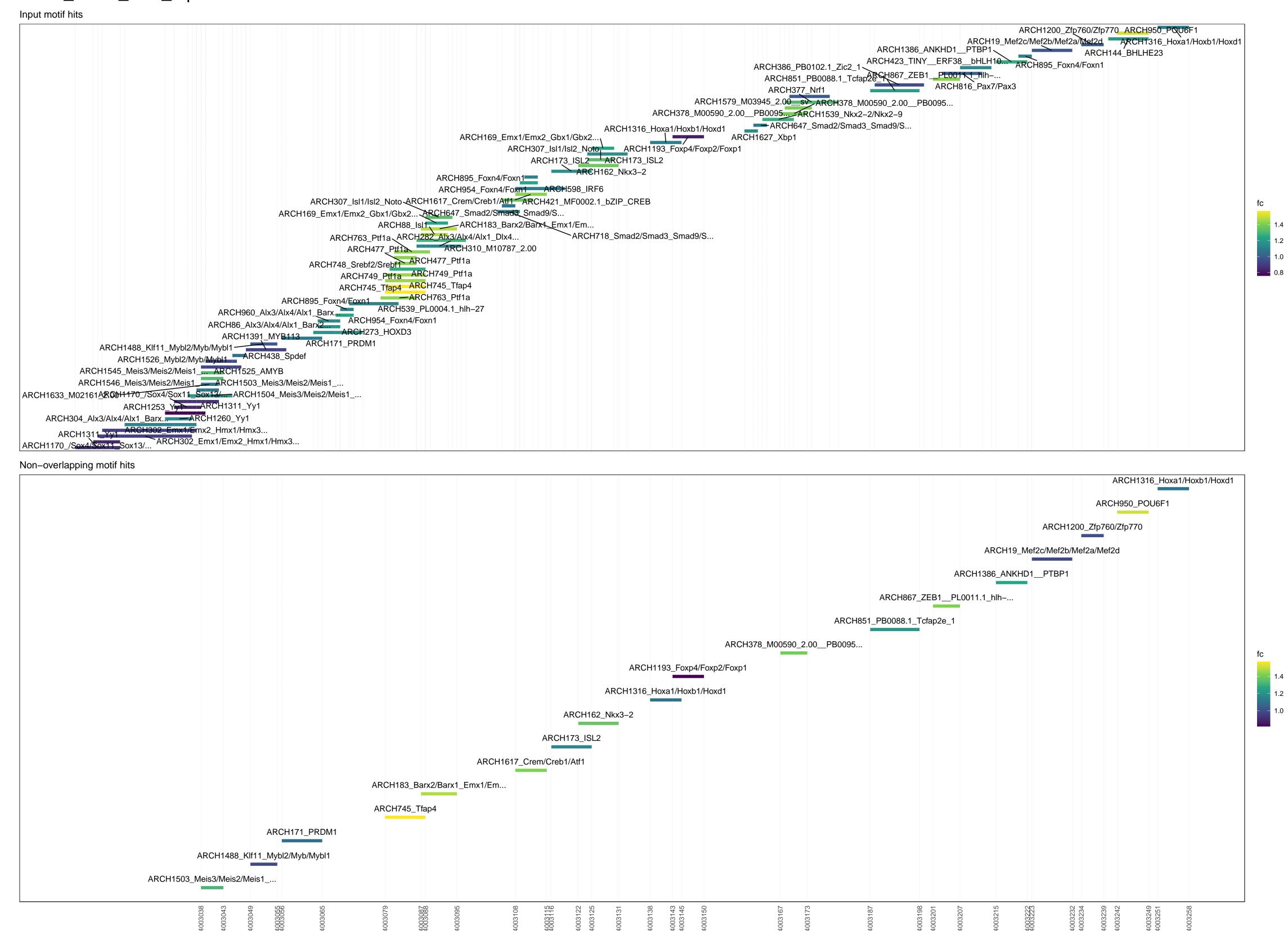


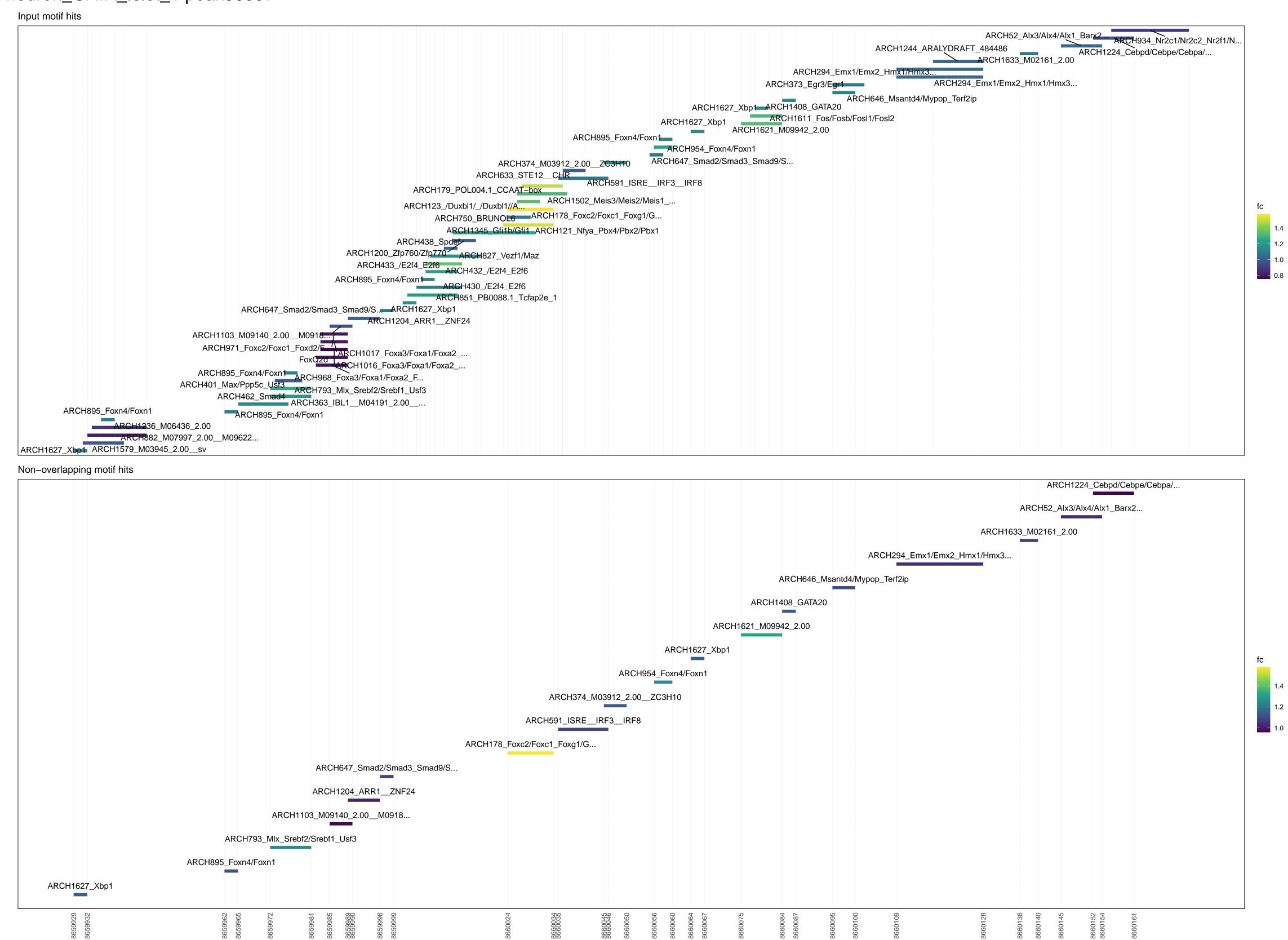


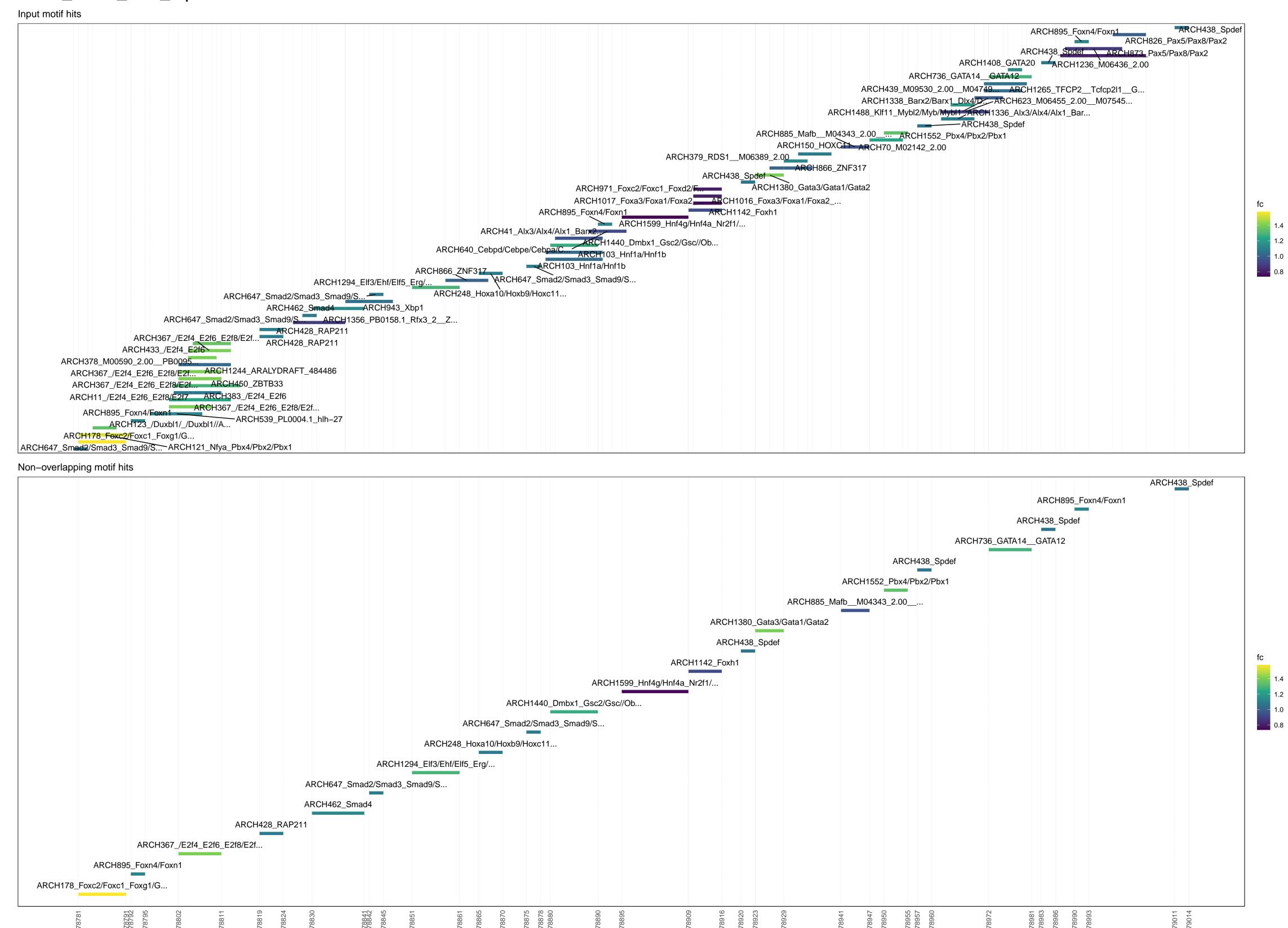


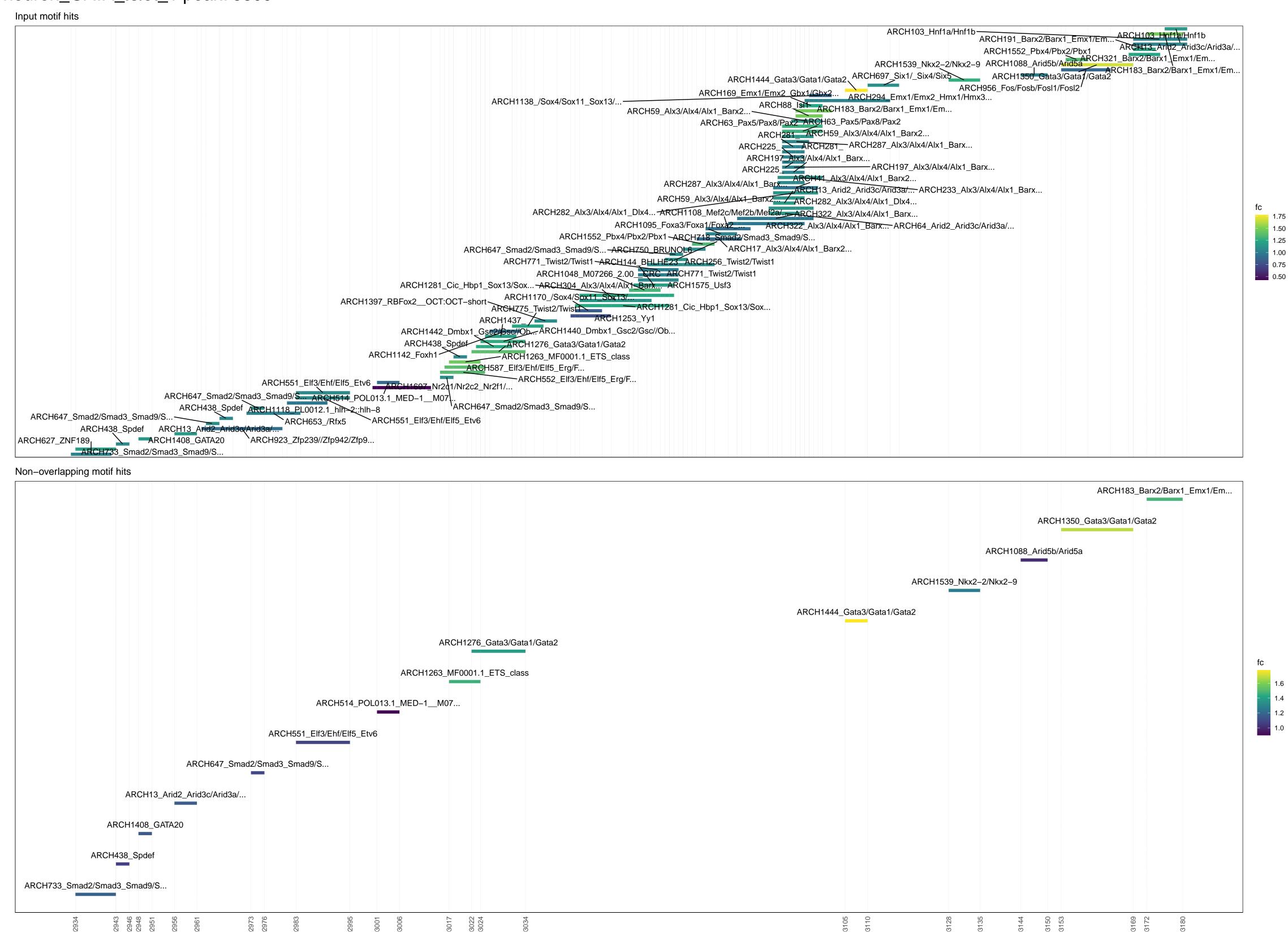


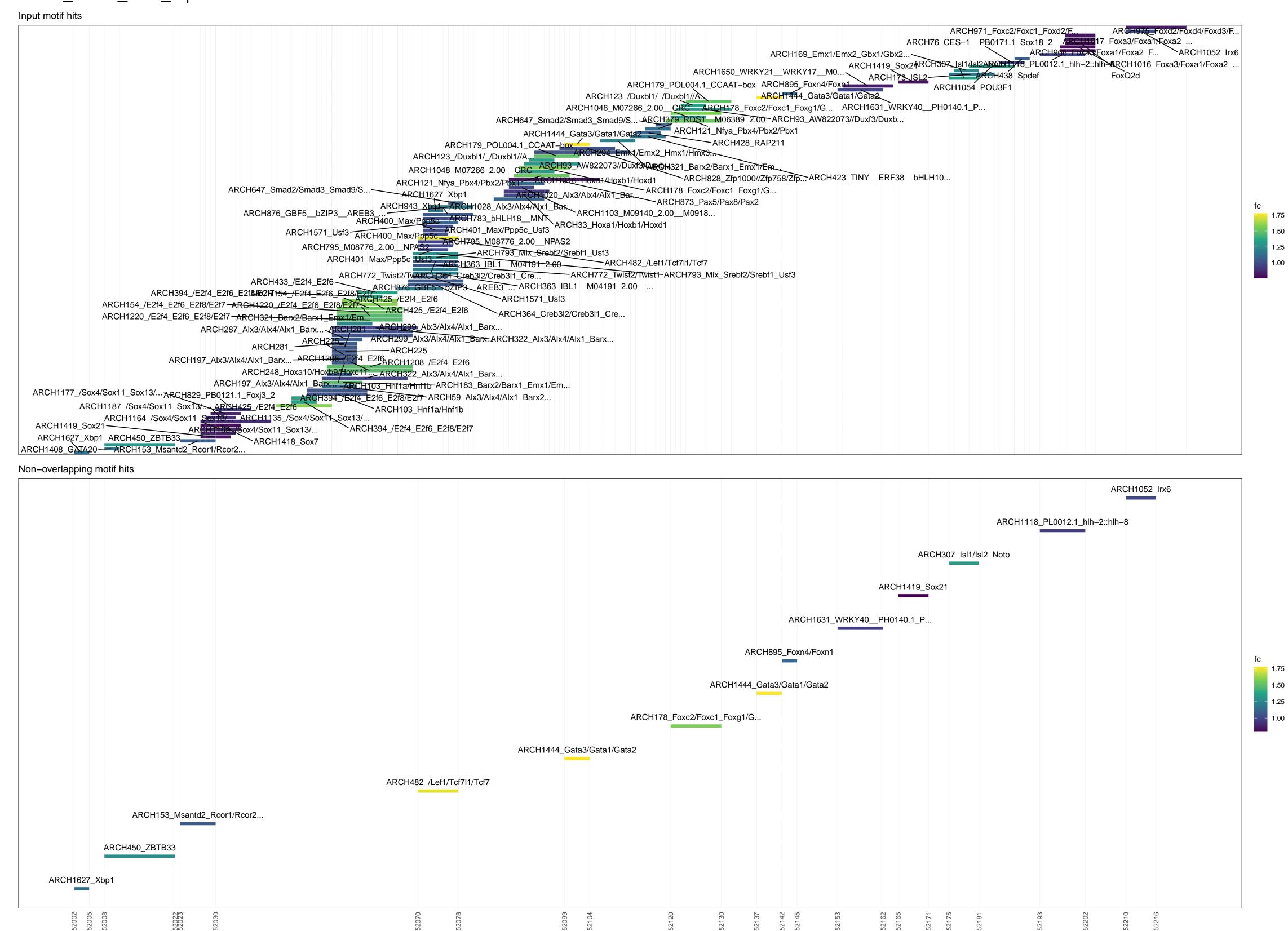


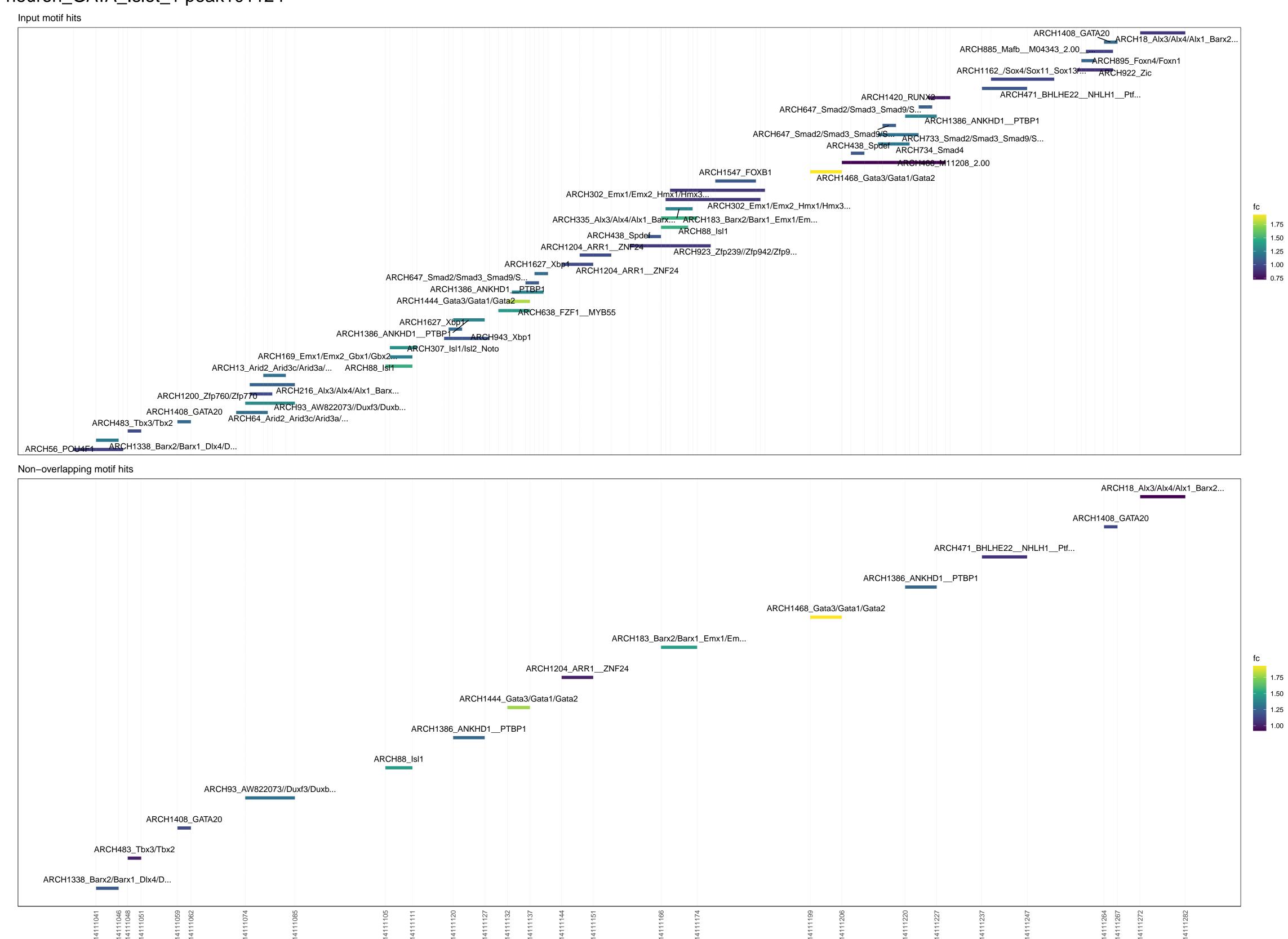


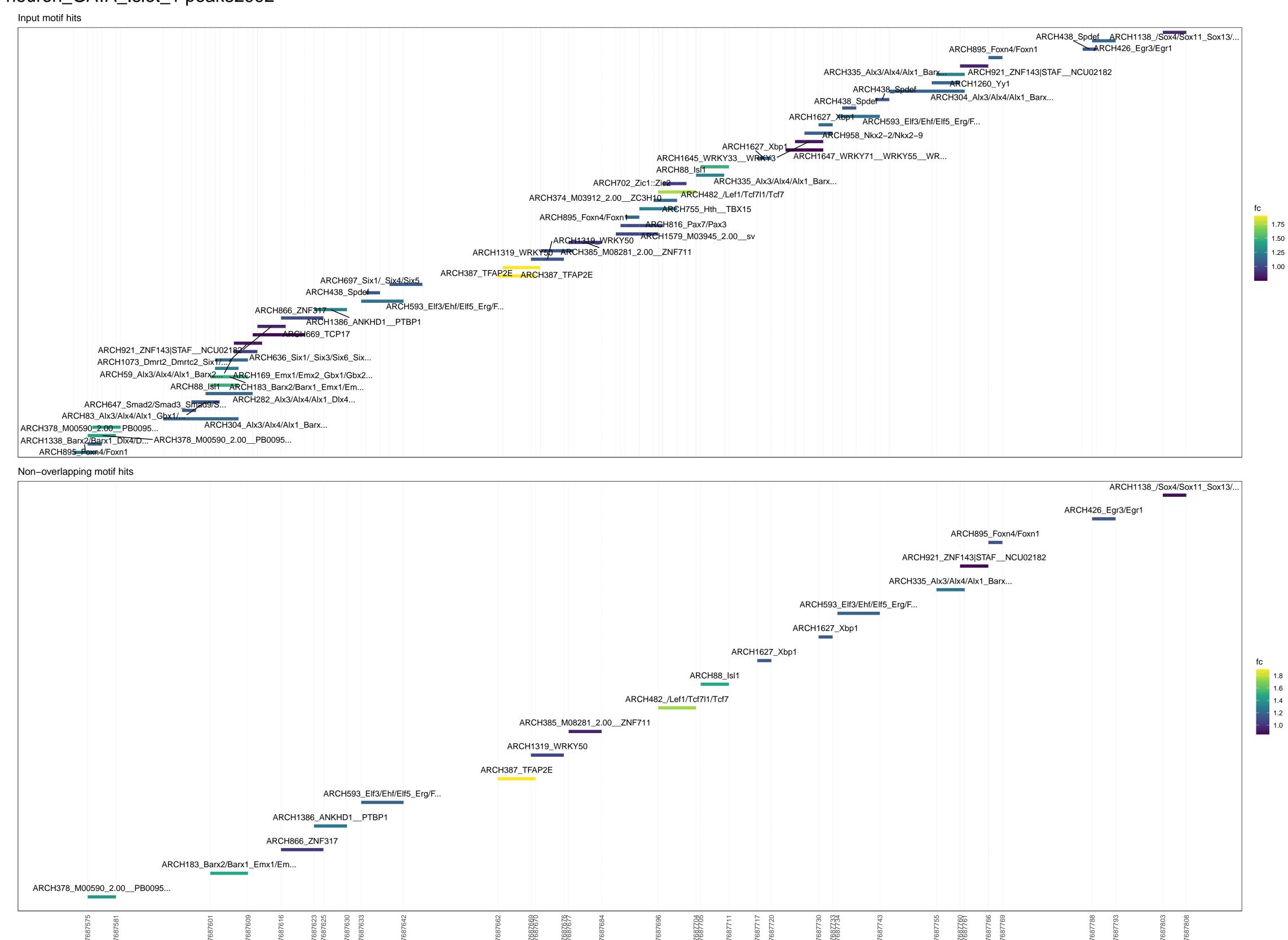




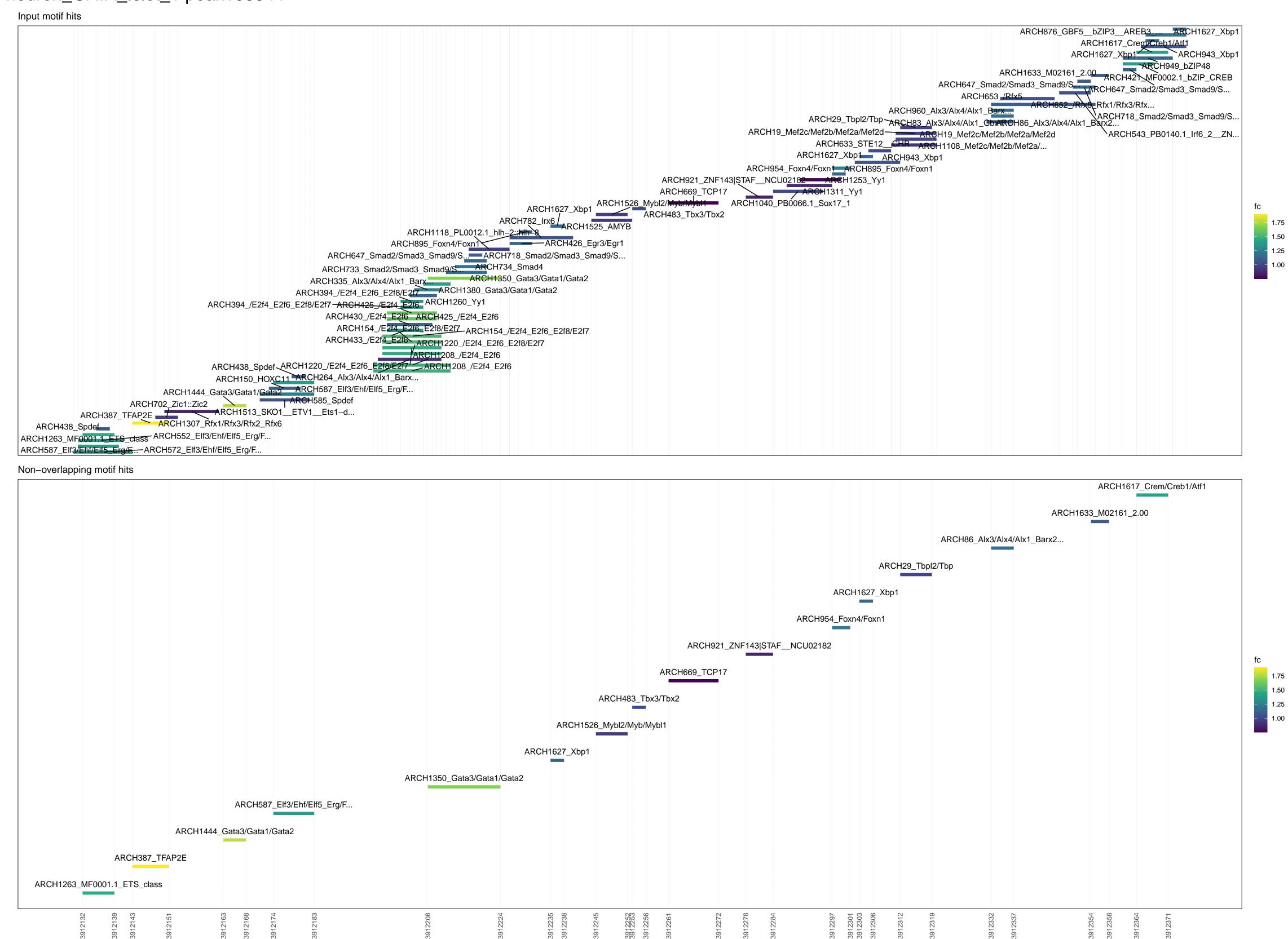


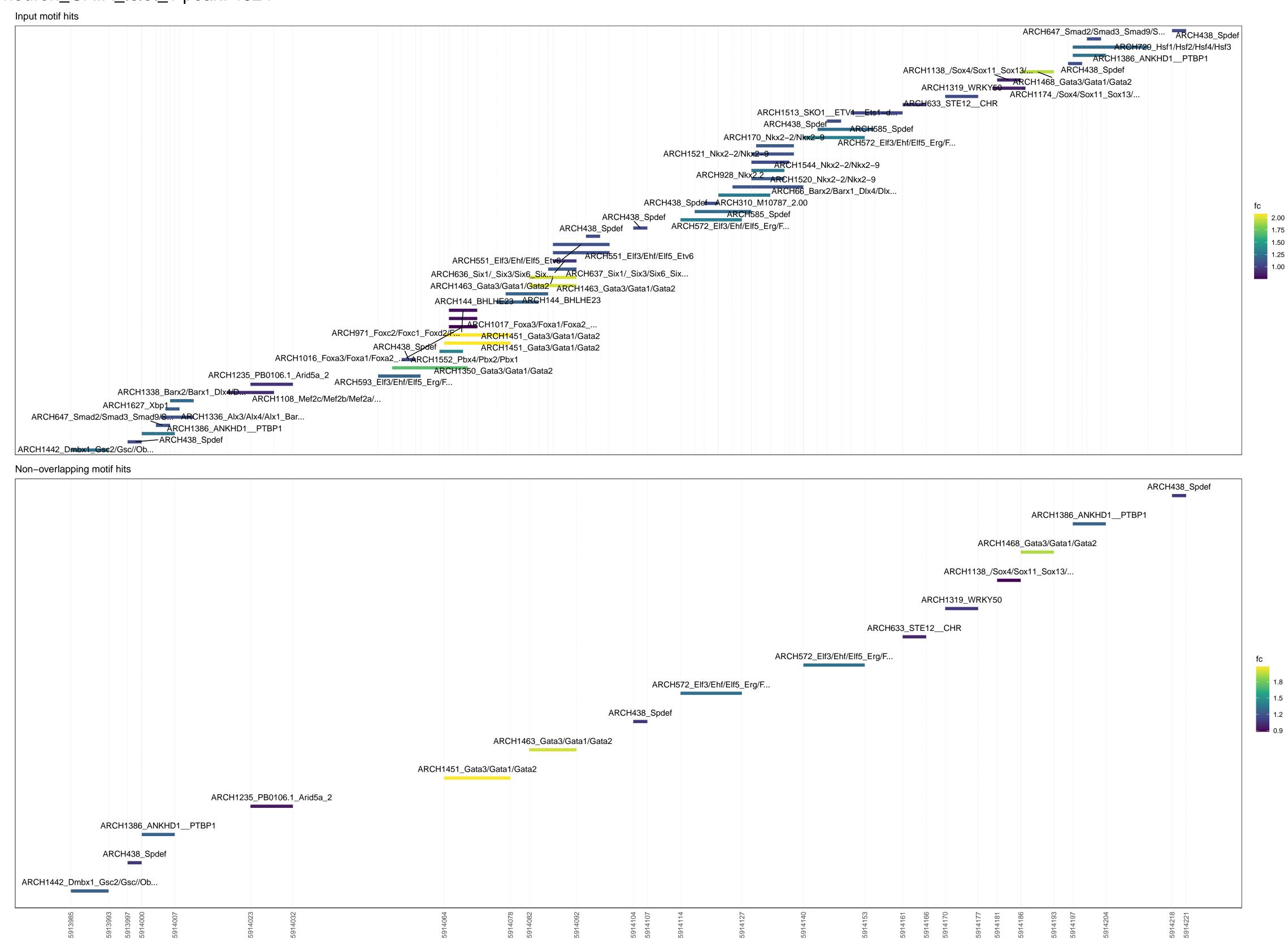






neuron_GATA_Islet_1 peak28286 Input motif hits ARCH1260_Yy1 ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH539_PL0004.1_hlh-27 ARCH1276_Gata3/Gata1/Gata2 ARCH1442_Dmbx1_Gsc2/Gsc//Ob.. ARCH407_KIf1/KIf4/KIf2_KIf ARCH5_Egr3/Egr1_Klf5_Klf7_S... ARCH109_PB0195.1_Zbtb3_2 ARCH347_Klf1/Klf4/Klf2_Klf1... ARCH438_Spdef ARCH1362_Six1/_Six4/Six5 ARCH359_/E2f4_E2f6_Sp6/Sp5_... ARCH432_/E2f4_E2f6 ARCH1338_Barx2/Barx1_Dlx4/D... ARCH438_Spdef ARCH425_/E2f4_E2f6 ARCH425_/E2f4_E2f6 ARCH433_/E2f4_E2f6 ARCH430_/E2f4_E2f6 ARCH1221_M02960_2.00__M0470... ARCH1221_M02960_2.00__M0470... ARCH1220_/E2f4_E2f6_E2f8/E2f7 ARCH1220_/E2f4_E2f6_E2f8/E2f7 ARCH1444_Gata3/Gata1/Gata2 ARCH1408_GATA20 ARCH353_M06062_2.00__M06468... ARCH862_Tbx18/Tbx22/Tbx15_T... ARCH954_Foxn4/Foxn1 ARCH1244_ARALYDRAFT_484486 ARCH895_Foxn4/Foxn1 ARCH647_Smad2/Smad3_Smad9/S...ARCH653_/Rfx5 ARCH169_Emx1/Emx2_Gbx1/Gbx2..._ARCH88_lsl1 ARCH307_Isl1/Isl2_Noto_ARCH183_Barx2/Barx1_Emx1/Em...
ARCH647_Smad2/Smad3_Smad9/S...
ARCH734_Smad4 ARCH302_Emx1/Emx2_Hmx1/Hmx3... ARCH733_Smad2/Smad3_Smad9/S... ARCH1253_Yy1 ARCH88_IsI1 ARCH302_Emx1/Emx2_Hmx1/Hmx3... ARCH1052_Irx6 ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH282_Alx3/Alx4/Alx1_Dlx4... ARCH768 Meis3/Meis2/Meis1_P...
ARCH895_Foxn4/Foxn1 ARCH954_Foxn4/Foxn1 Non-overlapping motif hits ARCH1260_Yy1 ARCH1276_Gata3/Gata1/Gata2 ARCH1241_Elf3/Ehf/Elf5_Etv6 ARCH1362_Six1/_Six4/Six5 ARCH1338_Barx2/Barx1_Dlx4/D... 1.6 1.4 ARCH425_/E2f4_E2f6 1.2 ARCH1408_GATA20 ARCH1444_Gata3/Gata1/Gata2 ARCH183_Barx2/Barx1_Emx1/Em... ARCH954_Foxn4/Foxn1

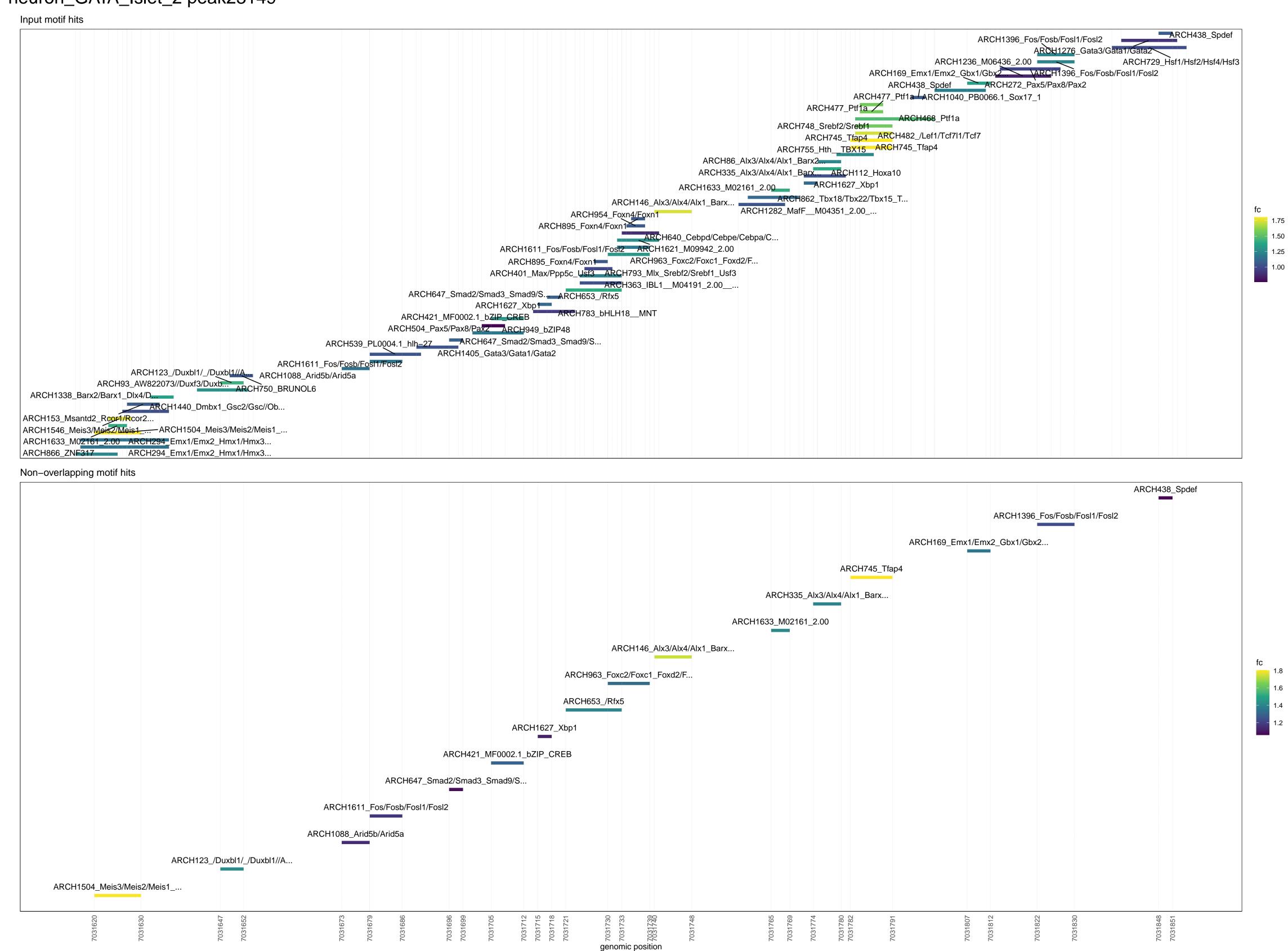


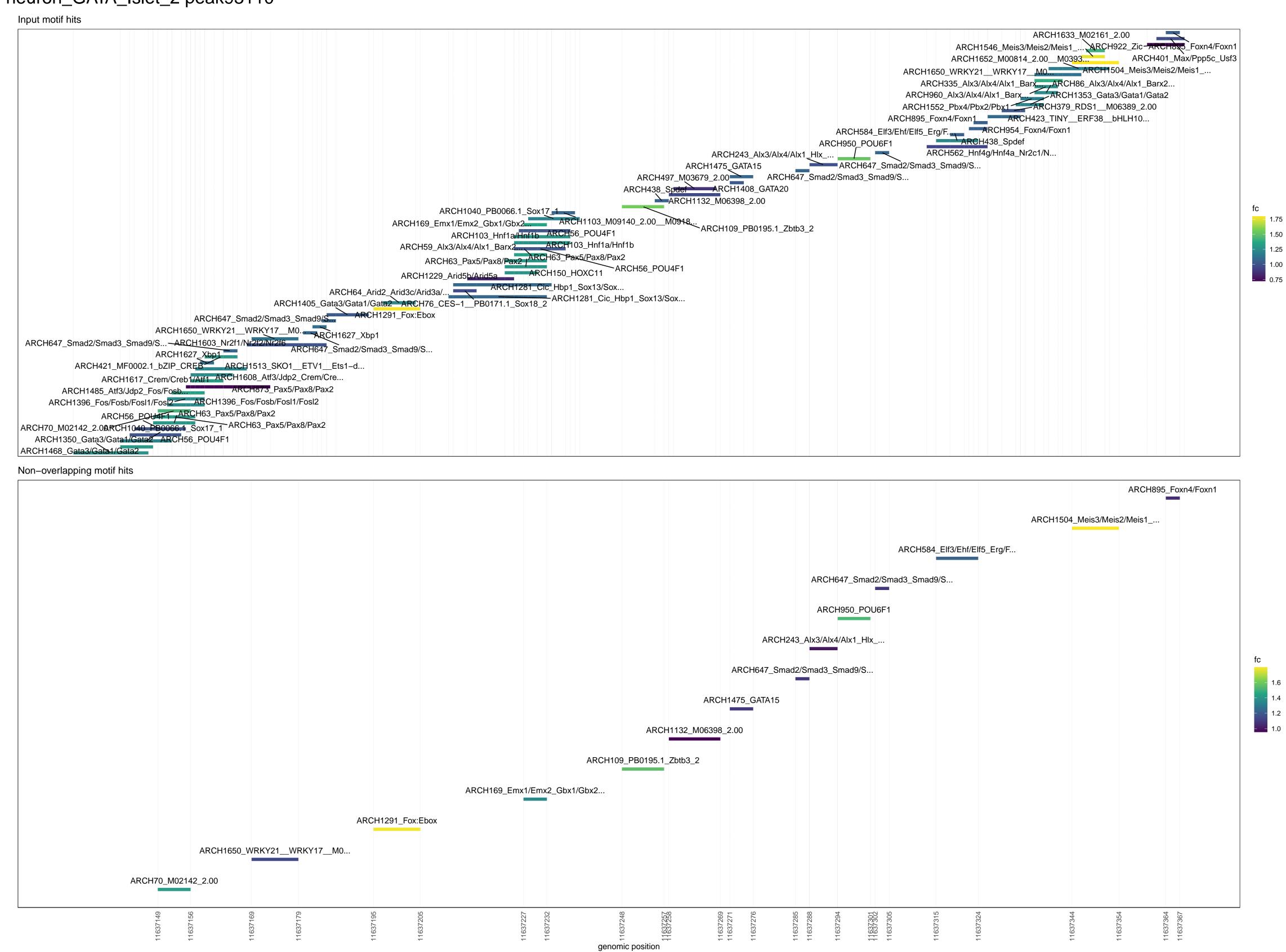


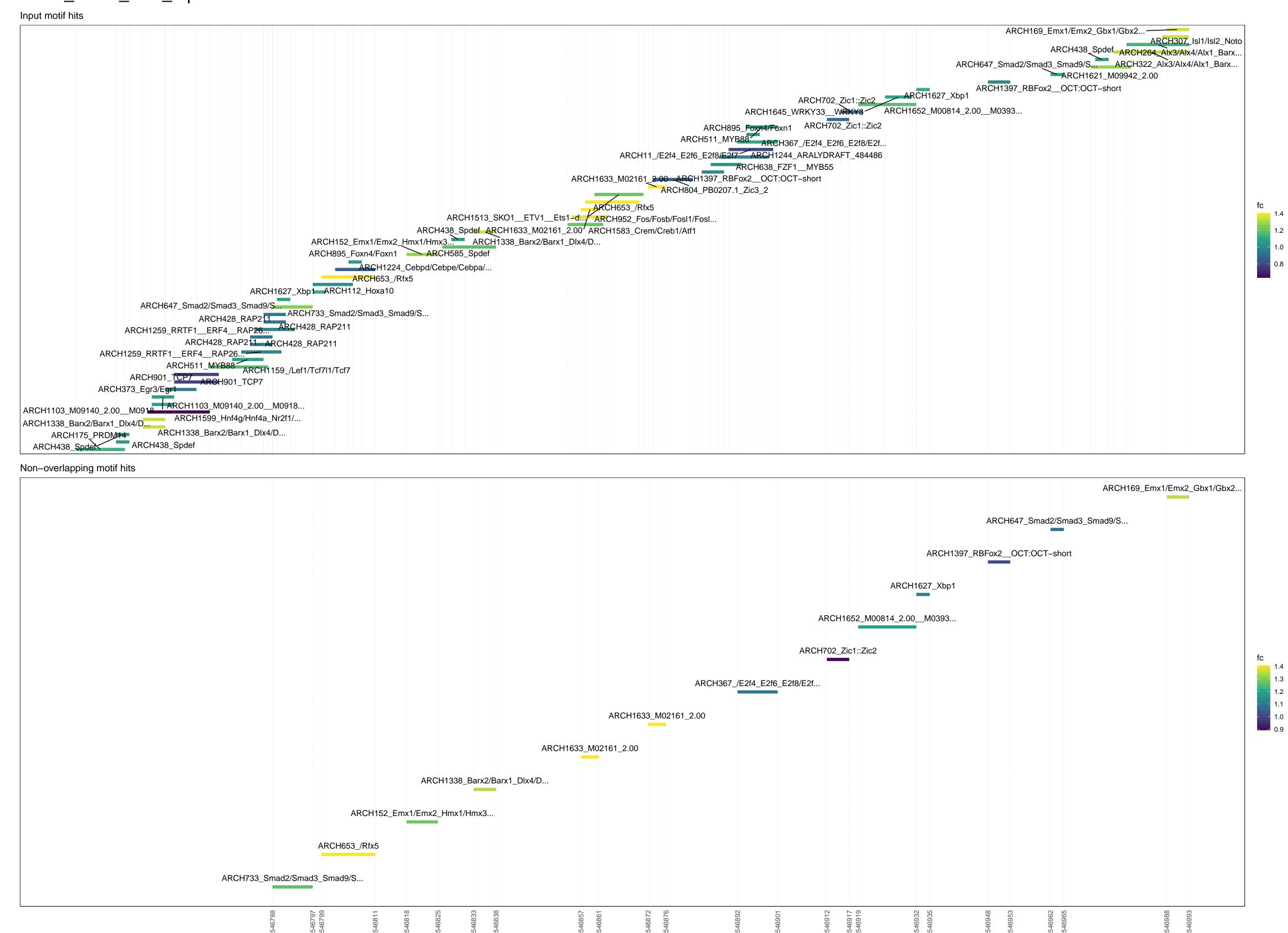
neuron_GATA_Islet_2 peak96699 Input motif hits ARCH83_Alx3/Alx4/Alx1_Gbx1/... ARCH1070_Dmrtc2_Irx6-ARCH647_Smad2 ARCH18_Alx3/Alx4/Alx1_Barx2... ARCH1051_Irx6 ARCH19_Mef2c/Mef2b/Mef2a/Mef2d ARCH837_Tbx10/Tbx1_Tbx18/Tb... ARCH18_Alx3/Alx4/Alx1_Barx2... ARCH1363_Tbx5 ARCH1070_Dmrtc2_Irx6 ARCH928_Nkx2.2 ARCH485_Tbx3/Tbx2 ARCH1539_Nkx2-2/Nkx2-9 ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6 ARCH958_Nkx2-2/Nkx2-9 ARCH1158_/Lef1/Tcf7l1/Tcf7 ARCH146_Alx3/Alx4/Alx1_Barx... ARCH1028_Alx3/Alx4/Alx1_Bar... ARCH1070_Dmrtc2_Irx6 ARCH1633_M02161_2.00 ARCH804_PB0207.1_Zic3_2 ARCH647_Smad2/Smad3_Smad9/S... ARCH1319_WRKY50 ARCH1633_M02161_2.00 ARCH1169_/Sox4/Sox11_Sox13/... 1.25 ARCH1338_Barx2/Barx1_Dlx4/D... ARCH1135_/Sox4/Sox11_Sox13/... ARCH1054_POU3F1 ARCH1397_RBFox2__OCT:OCT_short ARCH18_Alx3/Alx4/Alx1_Barx2... ARCH1371_ZNF7 ARCH1380_Gata3/Gata1/Gata2 ARCH1526_Mybl2/Myb/Mybl ARCH1633_M02161_2.00 ARCH647_Smad2/Smad3_Smad9/S... ARCH913_Nrf1 ARCH1408_GATA20
ARCH895_Foxn4/Foxn1 ARCH647_Smad2/Smad3_Smad9/S... ARCH913_Nrf1 ARCH373_Egr3/Egr1 ARCH1102_Foxa3/Foxa1/Foxa2_... ARCH1442_Dmbx1_Gsc2/Gsc//Ob... ARCH483_Tbx3/Tbx2 ARCH191_Barx2/Barx1_Emx1/Em... ARCH1544_Nkx2-2/Nkx2-9 ARCH1485_Atf3/Jdp2_Fos/Fosb... ARCH1485_Atf3/Jdp2_Fos/Fosb.. Non-overlapping motif hits ARCH647_Smad2/Smad3_Smad9/S... ARCH1363_Tbx5 ARCH958_Nkx2-2/Nkx2-9 ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6 ARCH146_Alx3/Alx4/Alx1_Barx.. ARCH1371_ZNF7 ARCH647_Smad2/Smad3_Smad9/S... ARCH1380_Gata3/Gata1/Gata2 ARCH1526_Mybl2/Myb/Mybl1 ARCH1633_M02161_2.00 ARCH1408_GATA20 ARCH647_Smad2/Smad3_Smad9/S... ARCH895_Foxn4/Foxn1 ARCH1627_Xbp1 ARCH1442_Dmbx1_Gsc2/Gsc//Ob... ARCH483_Tbx3/Tbx2 ARCH1544_Nkx2-2/Nkx2-9 ARCH1485_Atf3/Jdp2_Fos/Fosb...

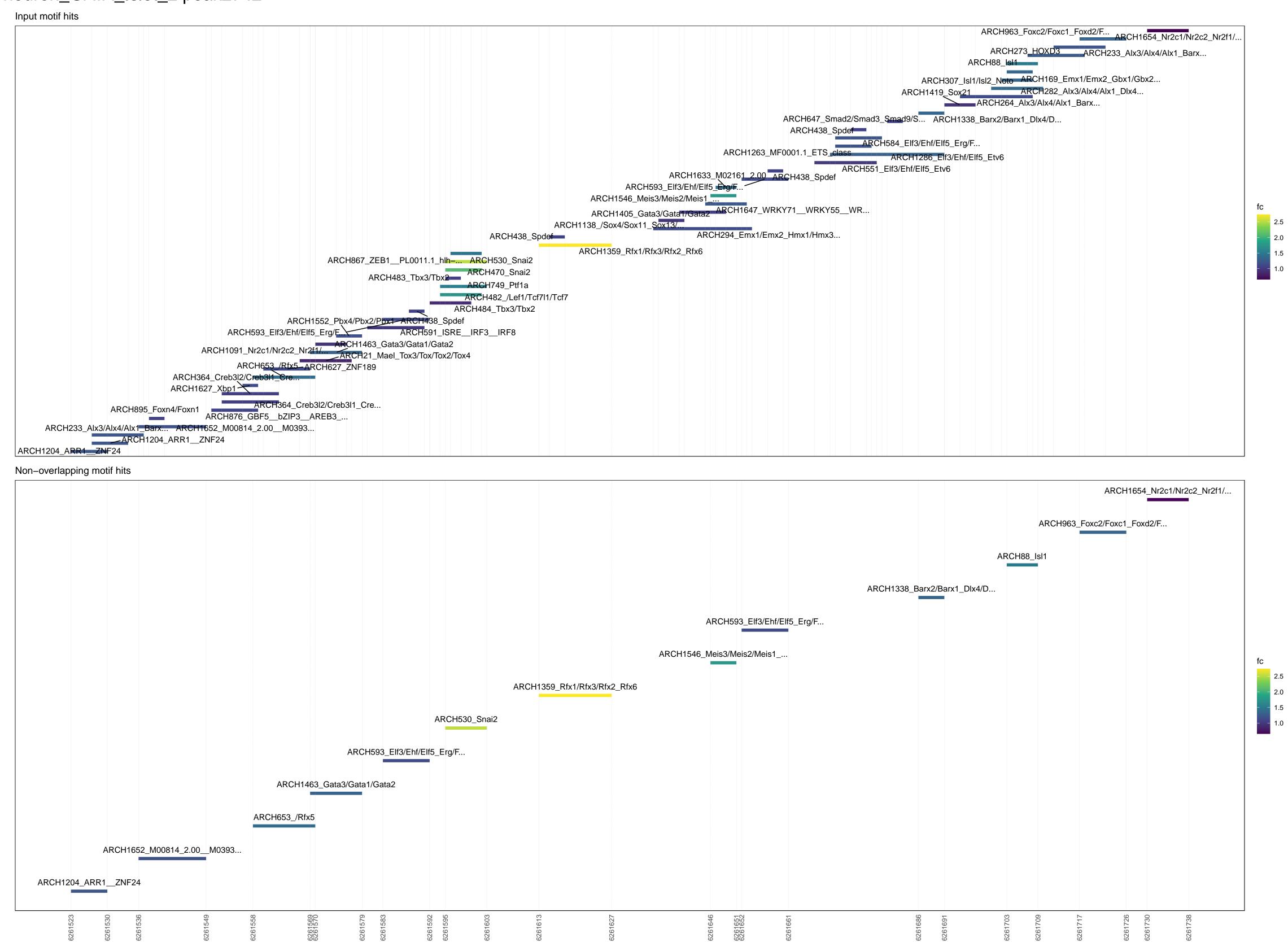
neuron_GATA_Islet_2 peak36645 Input motif hits ARCH1201_Gfi1b/Gfi1 ARCH175_PRDM14 ARCH1159_/Lef1/Tcf7I1/Tcf7 ARCH1345_Gfi1b/Gfi1 ARCH640_Cebpd/Cebpe/Cebpa/C...— ARCH1224_Cebpd/Cebpe/Cebpa/... ARCH438_Spdef ARCH1224_Cebpd/Cebpe/Cebpa/... ARCH584_Elf3/Ehf/Elf5_Erg/F...ARCH1058_Pdp1 ARCH572_Elf3/Ehf/Elf5_Erg/F...\ ARCH585_Spdef ARCH1286_Elf3/Ehf/Elf5_Etv6 ARCH179_POL004.1_CCAAT_box ARCH593_Elf3/Ehf/Elf5_Erg/F... ARCH88_Isl1 ARCH282_Alx3/Alx4/Alx1_Dlx4... ARCH1652_M00814_2.00__M0393... ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH91_Alx3/Alx4/Alx1_Barx2... ARCH91_Alx3/Alx4/Alx1_Barx2... ARCH233_Alx3/Alx4/Alx1_Barx...,ARCH216_Alx3/Alx4/Alx1_Barx... ARCH216_Alx3/Alx4/Alx1_Barx... ARCH1647_WRKY71__WRKY55__WR... ARCH895_Foxn4/Foxn1 ARCH83_Alx3/Alx4/Alx1_Gbx1/... ARCH647_Smad2/Smad3_Smad9/S...ARCH1236_M06436_2.00 ARCH1579_M03945_2.00__svARCH468_Ptf1a ARCH373_Egr3/Egr1
ARCH922_Zic ARCH438_Spdef

ARCH521_Zic2__Unknown-ESG_e...ARCH438_Spdef 1.25 ARCH432_/E2f4_E2f6 ARCH383_/E2f4_E2f6 1.00 ARCH353_M06062_2.00__M06468... ARCH496 Zic3 ARCH851_PB0088.1_Tcfap2e_1 ARCH827_Vezf1/Maz ARCH450_ZBTB33 ARCH861_Scrt2/Scrt1 ARCH438_Spdef ARCH450_ZBTB33 ARCH43Z_/Vezf1/Maz ARCH433_/E2f4_E2f6
ARCH430_/E2f4_E2f6 ARCH433_/E2f4_E2f6
ARCH425_/E2f4_E2f6 ARCH1221_M02960_2.00__M0470...
ARCH425_/E2f4_E2f6_E2f8/E2f7 ARCH1103_M09140_2.00__M0918... ARCH425_/E2f4_E2f6_ARCH1220_/E2f4_E2f6_E2f8/E2f7 ARCH928_Nkx2.2 ARCH923_Zfp239//Zfp942/Zfp9.. ARCH1539_Nkx2-2/Nkx2-9 ARCH1650_WRKY21__WRKY17__M0... ARCH1259_RRTF1__ERF4__RAP26... ARCH153_Msantd2_Rcor1/Rcor2... ARCH1525_AMYB ARCH1345_Gfi1b/Gfi1 ARCH162_Nkx3-2 ARCH1539_Nkx2-2/Nkx2-9 ARCH173_ISL2 ARCH1539_Nkx2-2/Nkx2-9 ARCH748 - Srebf2/Srebf1 - ARCH1537_PAX6__PB0091.1_Zbt... ARCH633_STE12__CHR Non-overlapping motif hits ARCH975_Foxd2/Foxd4/Foxd3/F... ARCH1159_/Lef1/Tcf7l1/Tcf7 ARCH88_Isl1 ARCH468_Ptf1a ARCH861_Scrt2/Scrt1 ARCH1221_M02960_2.00__M0470... ARCH923_Zfp239//Zfp942/Zfp9... ARCH1103_M09140_2.00__M0918... ARCH1525_AMYB ARCH1650_WRKY21__WRKY17__M0... ARCH748_Srebf2/Srebf1

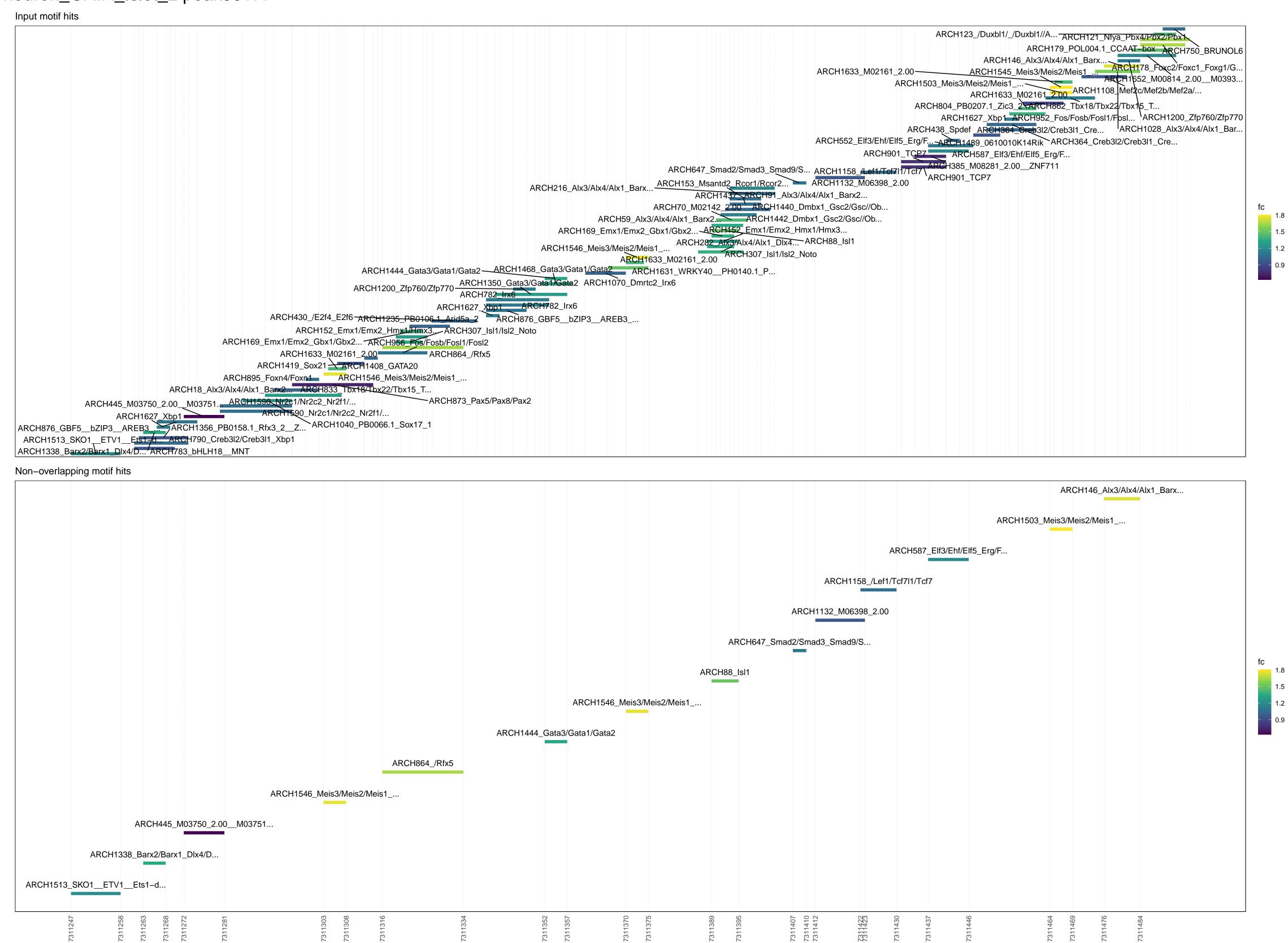


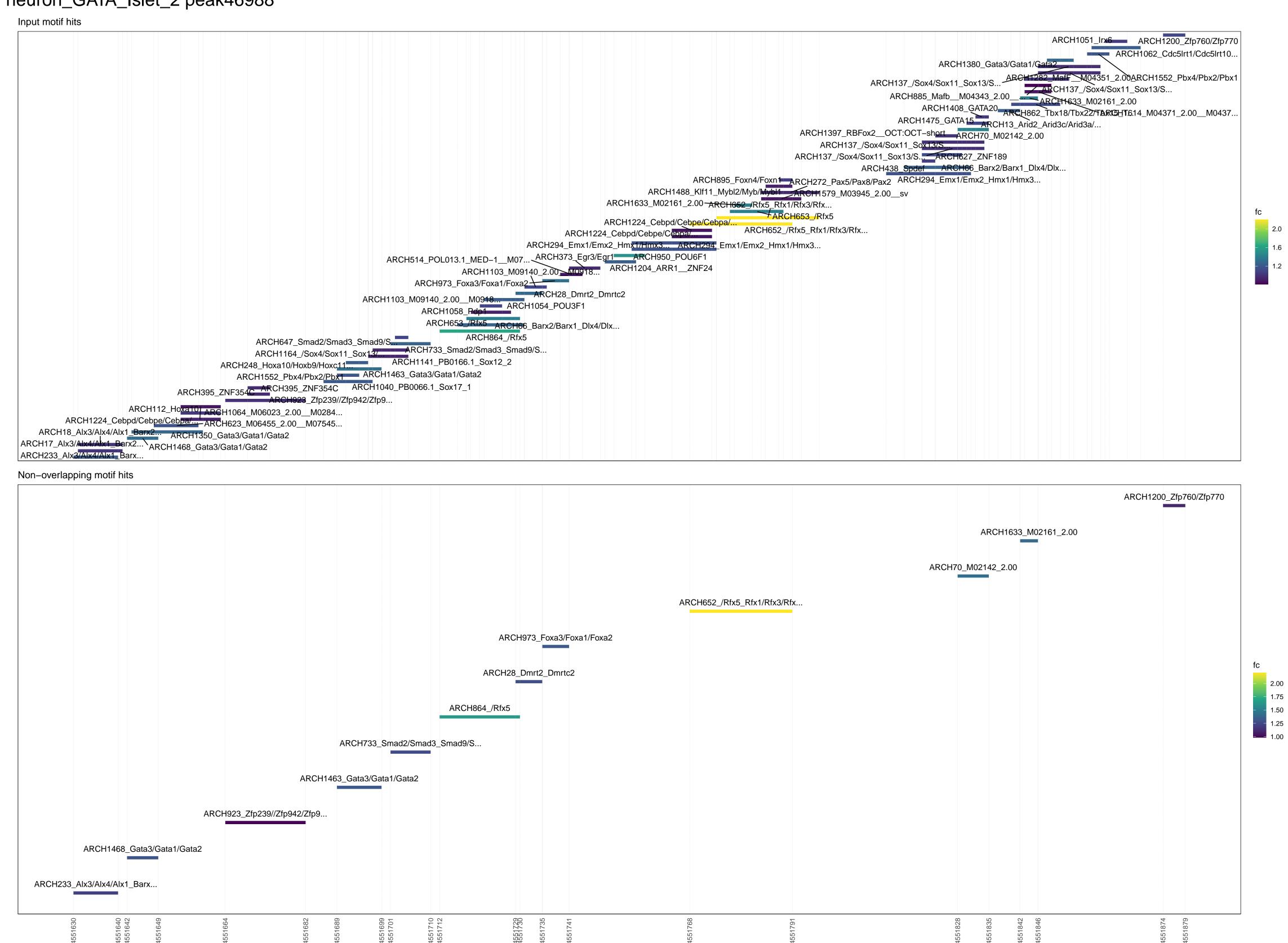


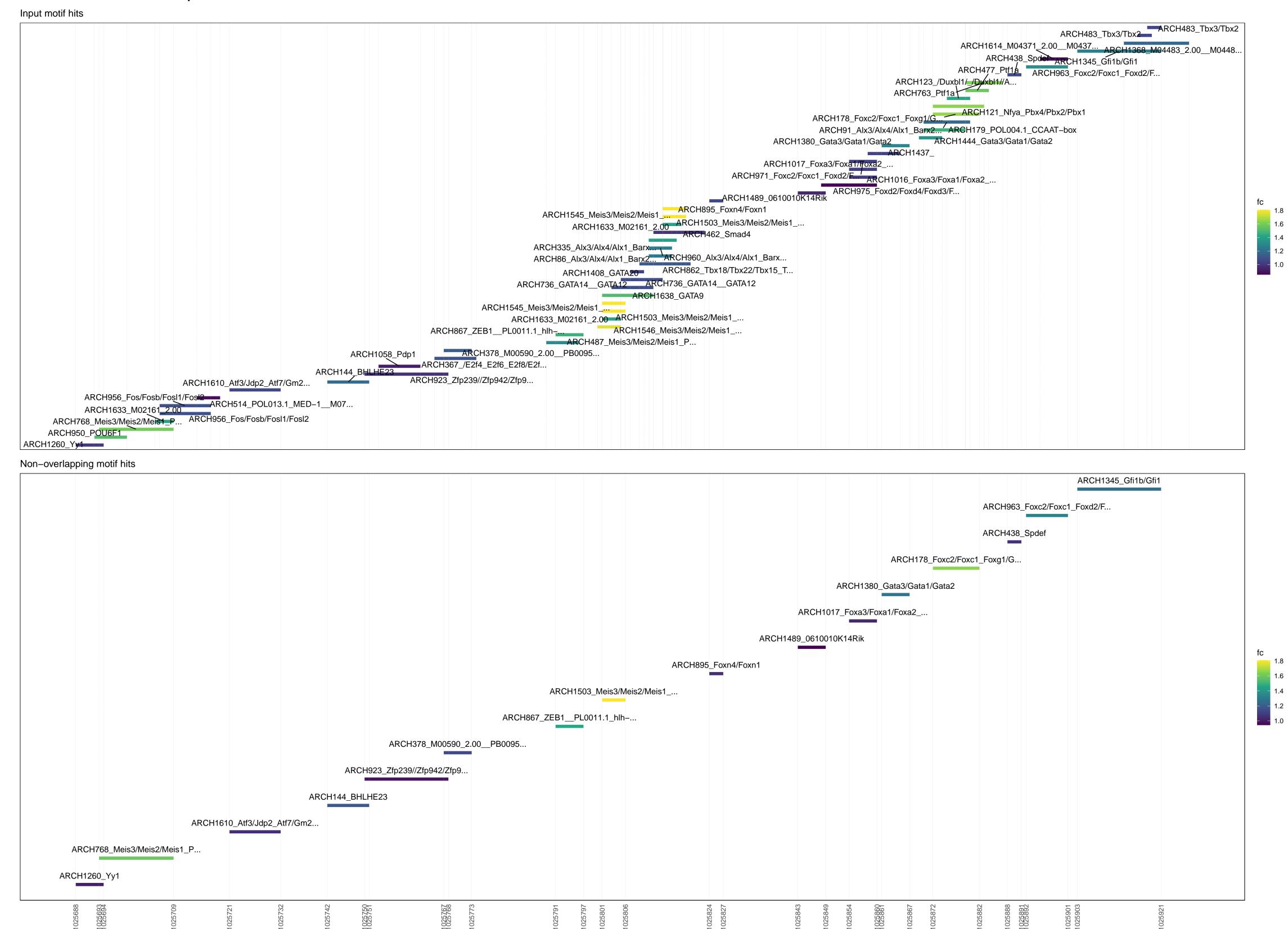


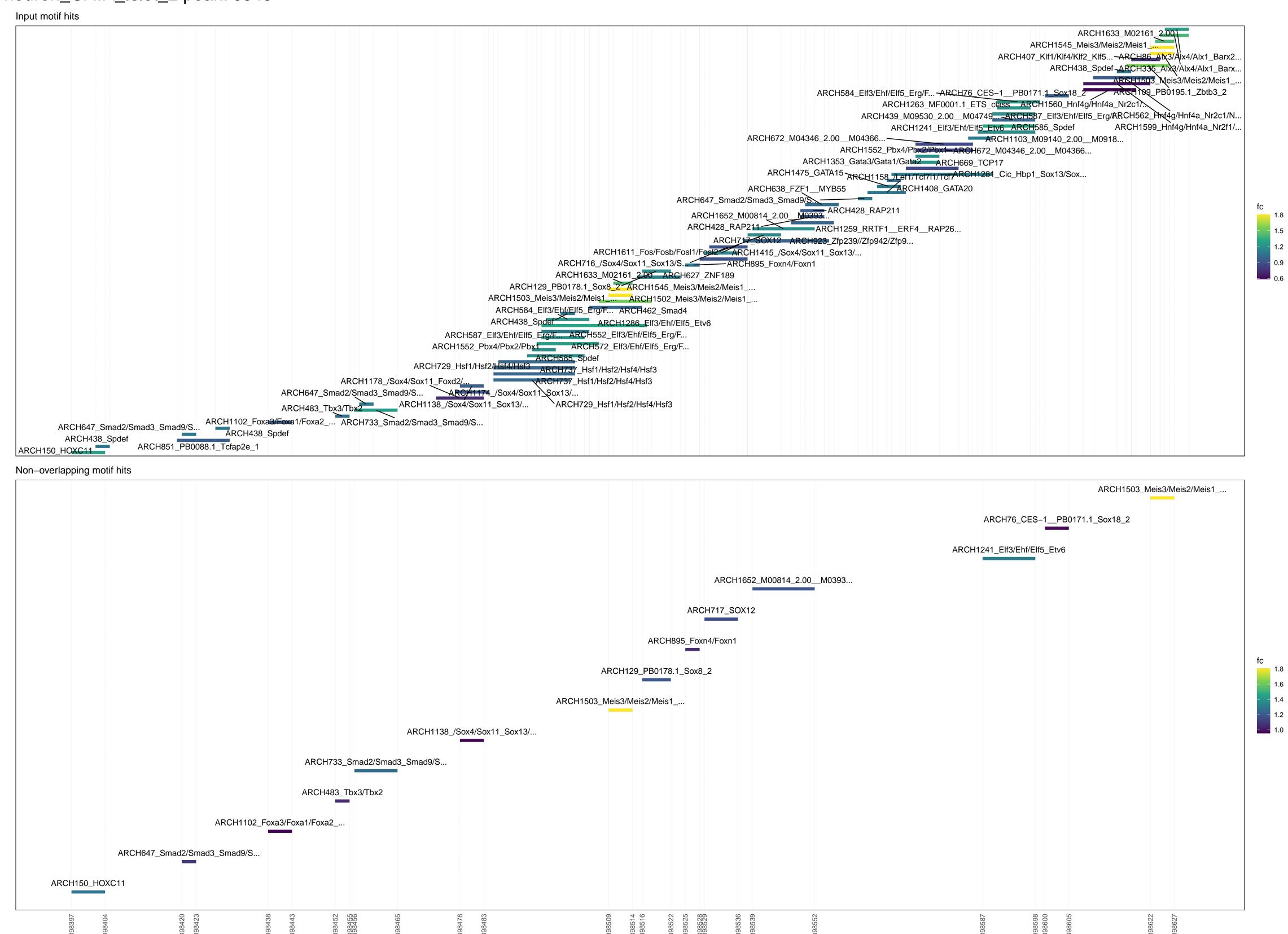


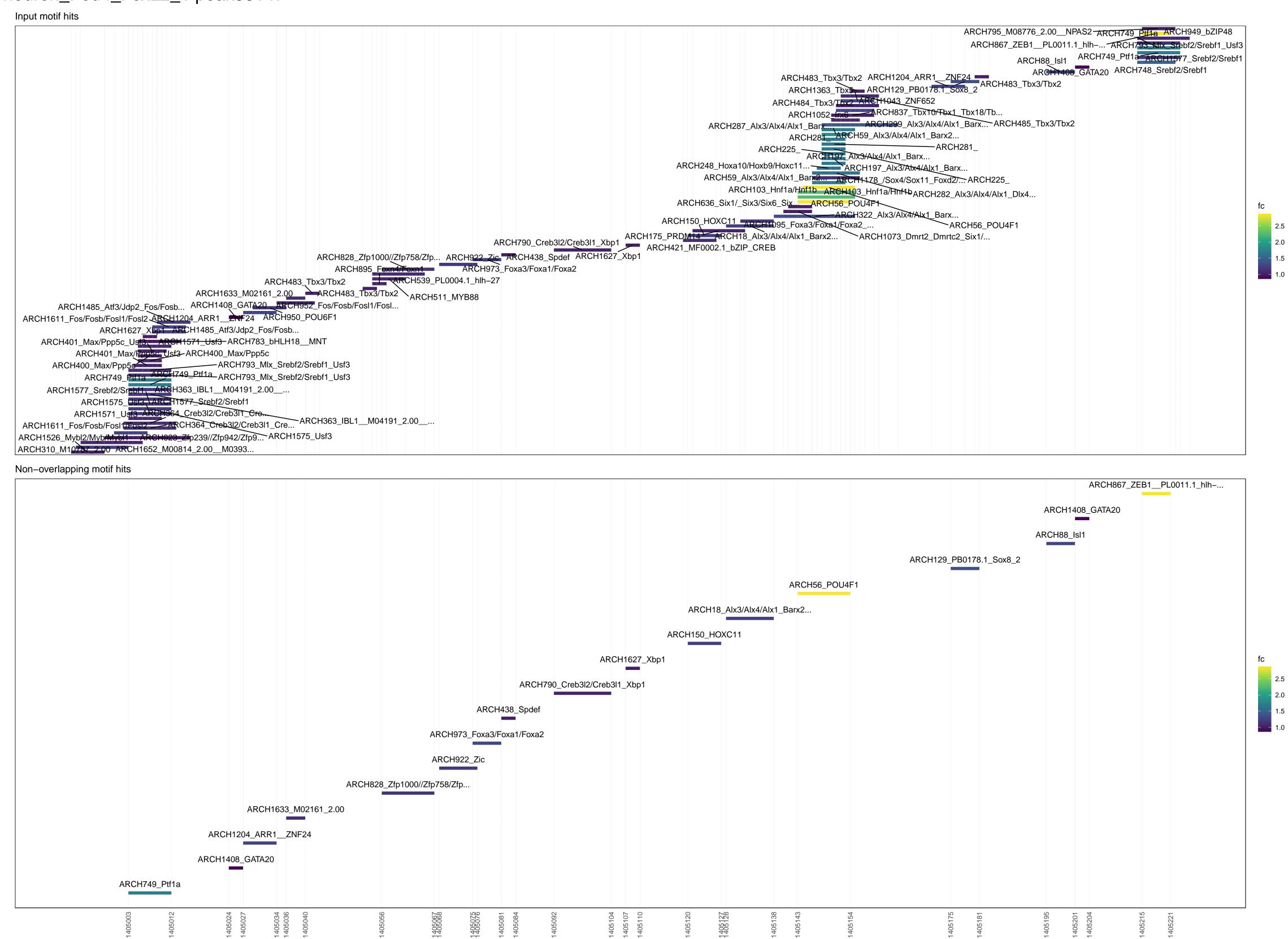
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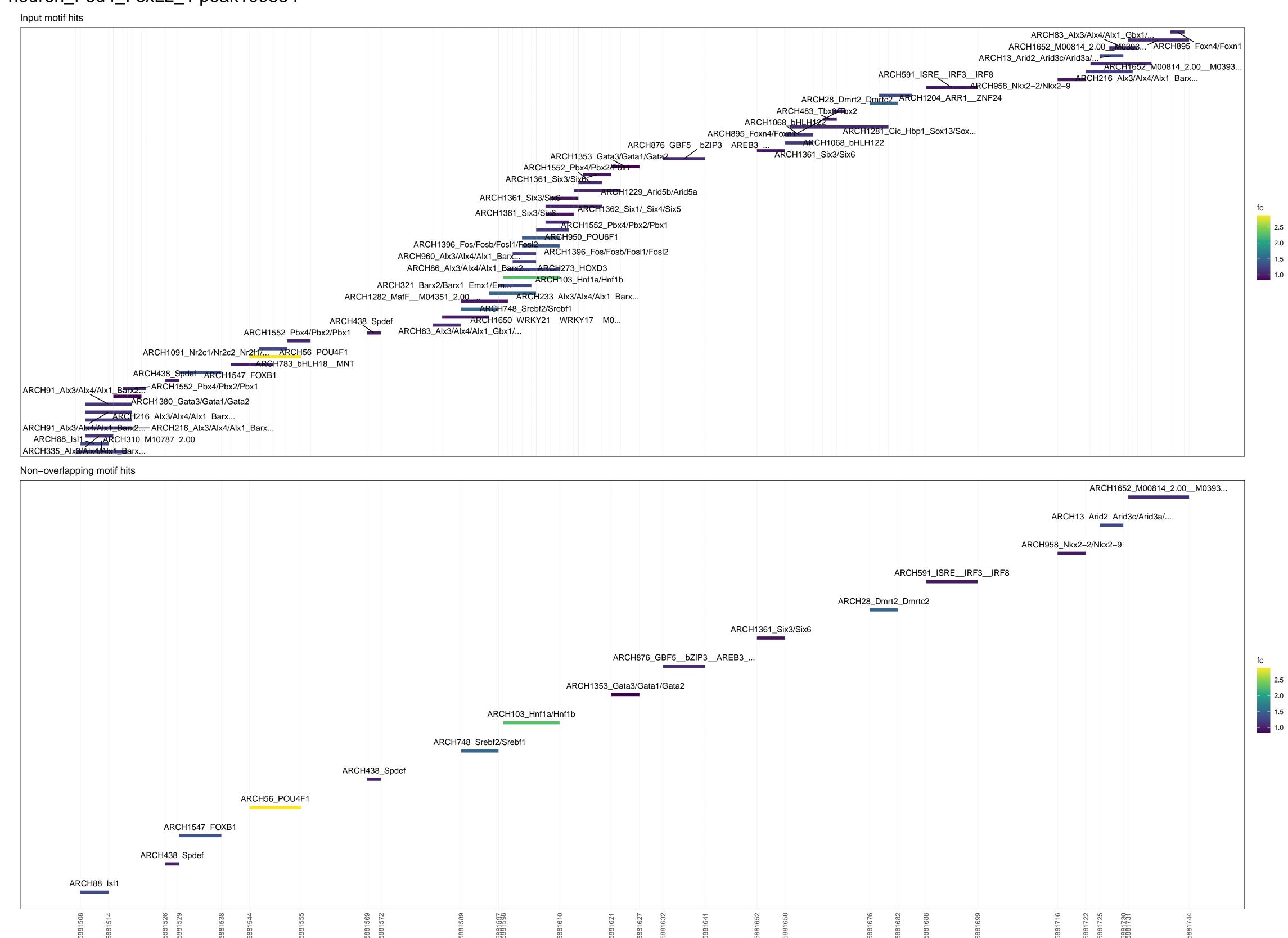


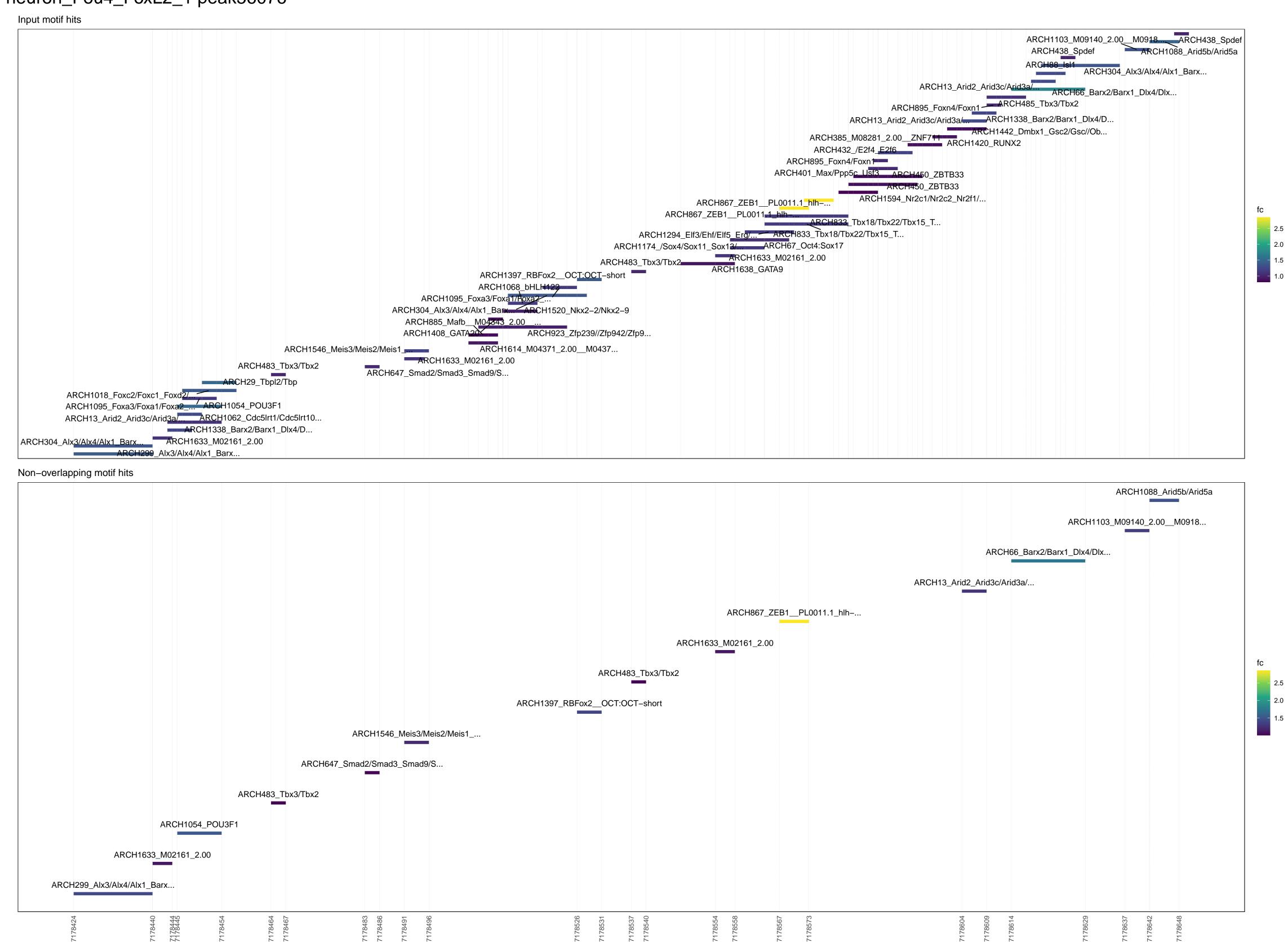


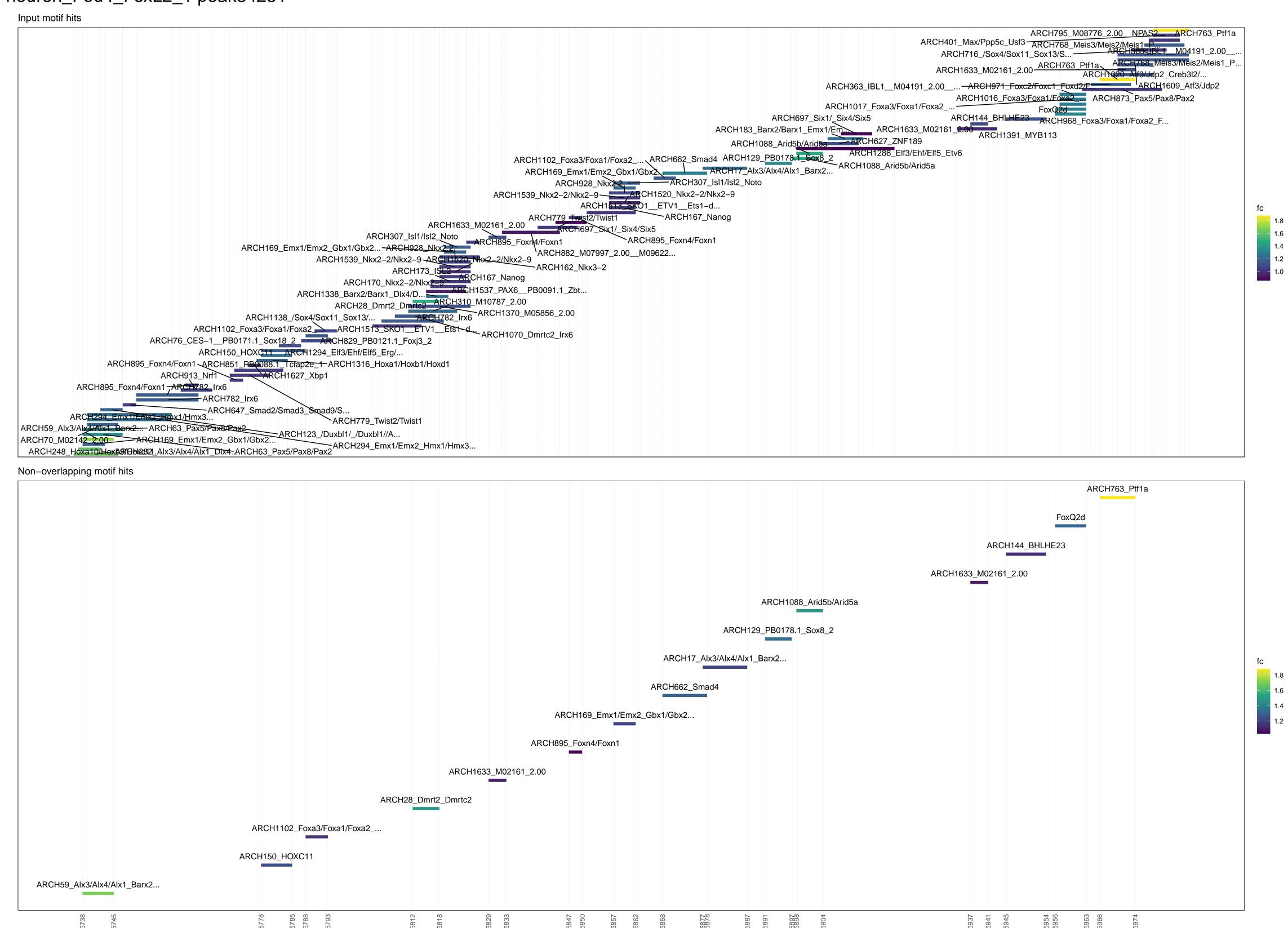


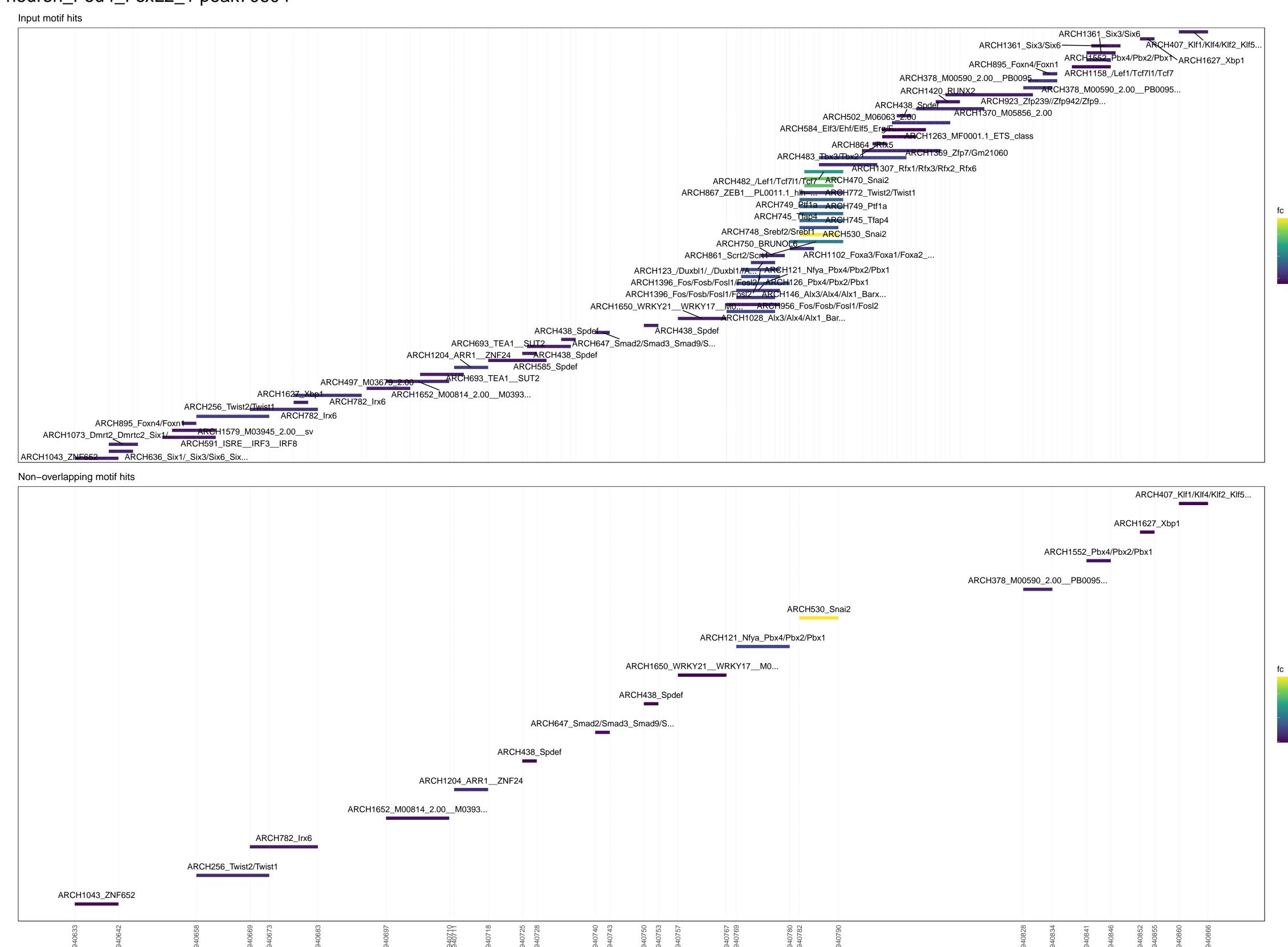


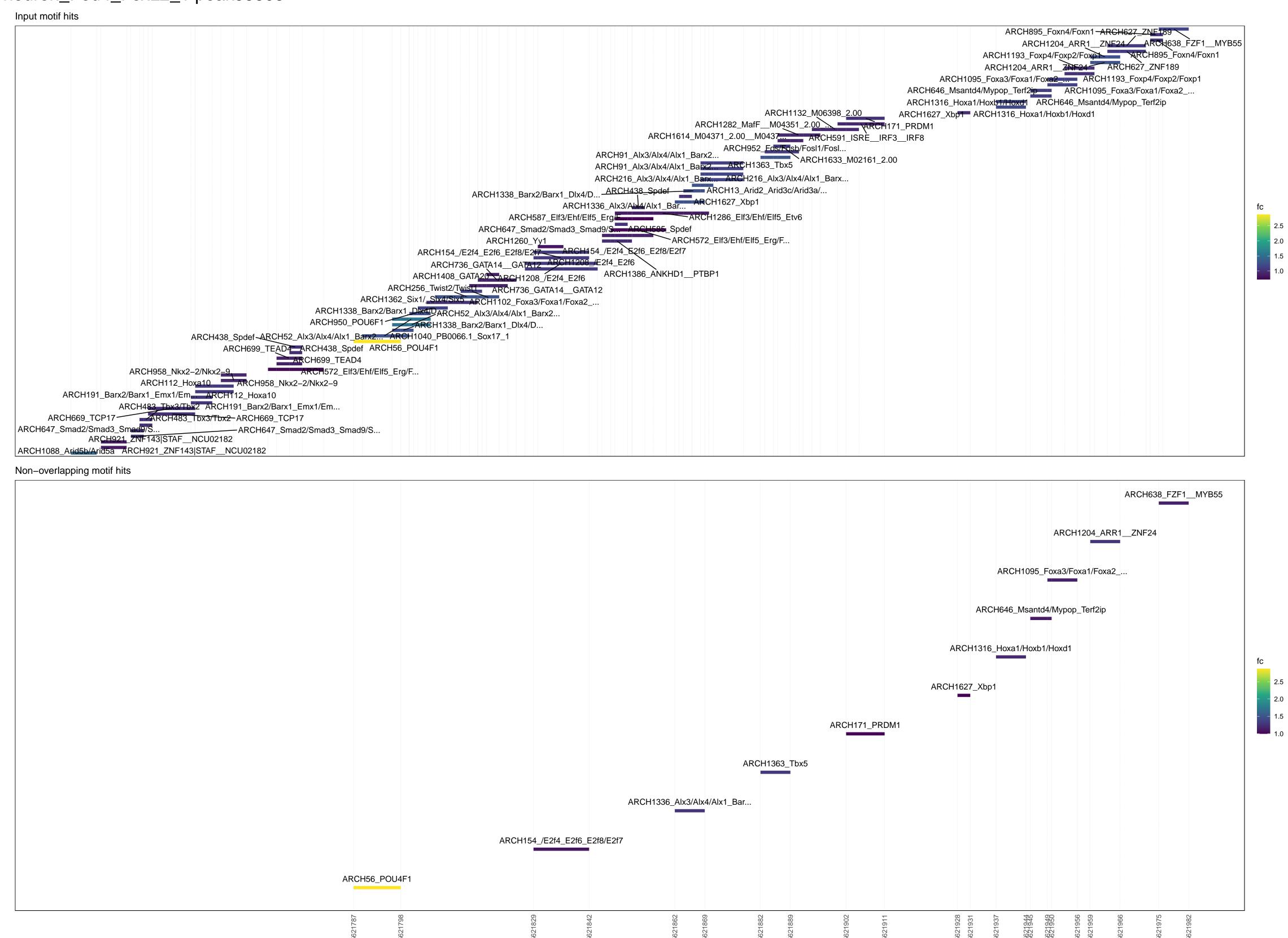


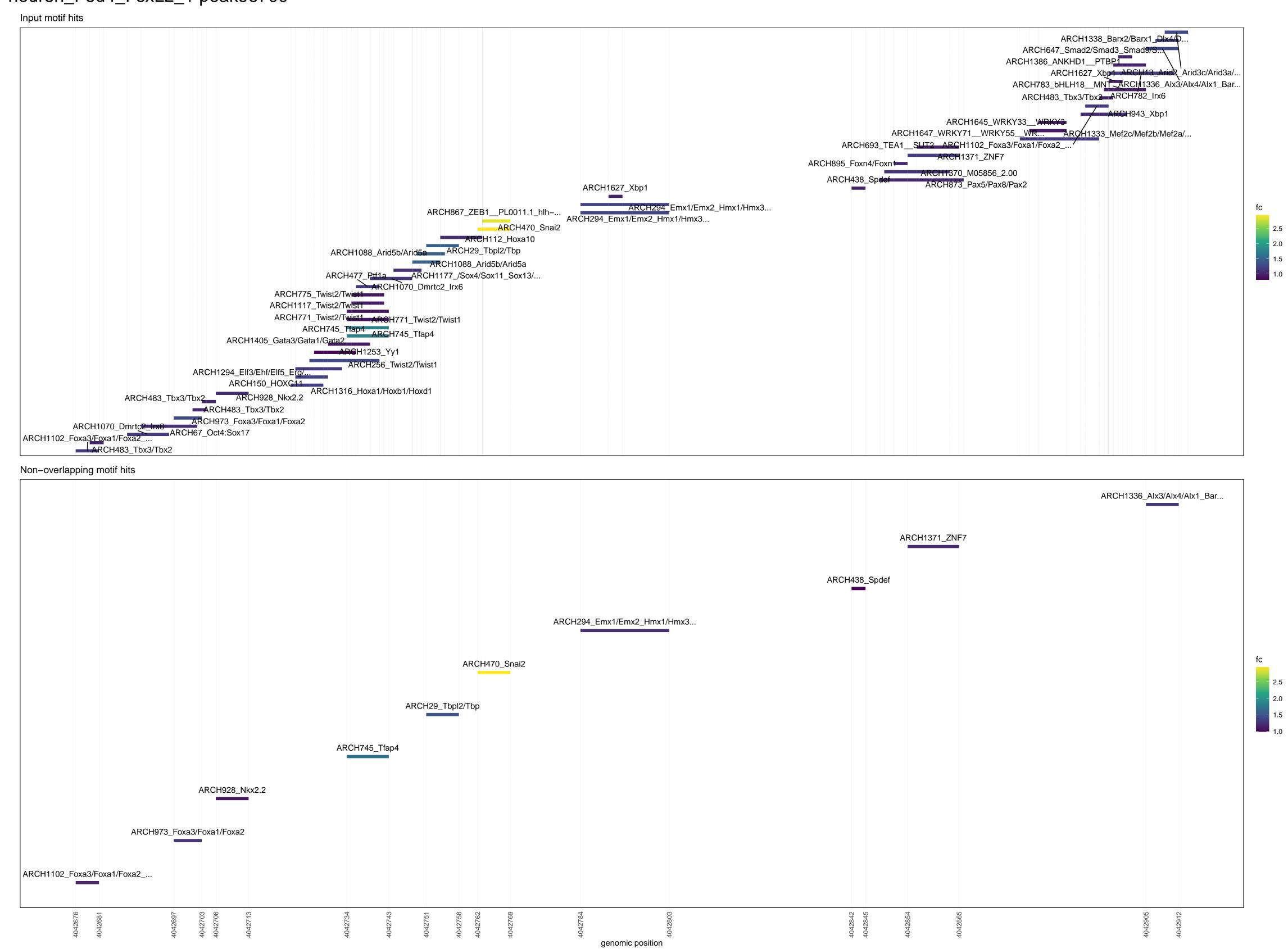


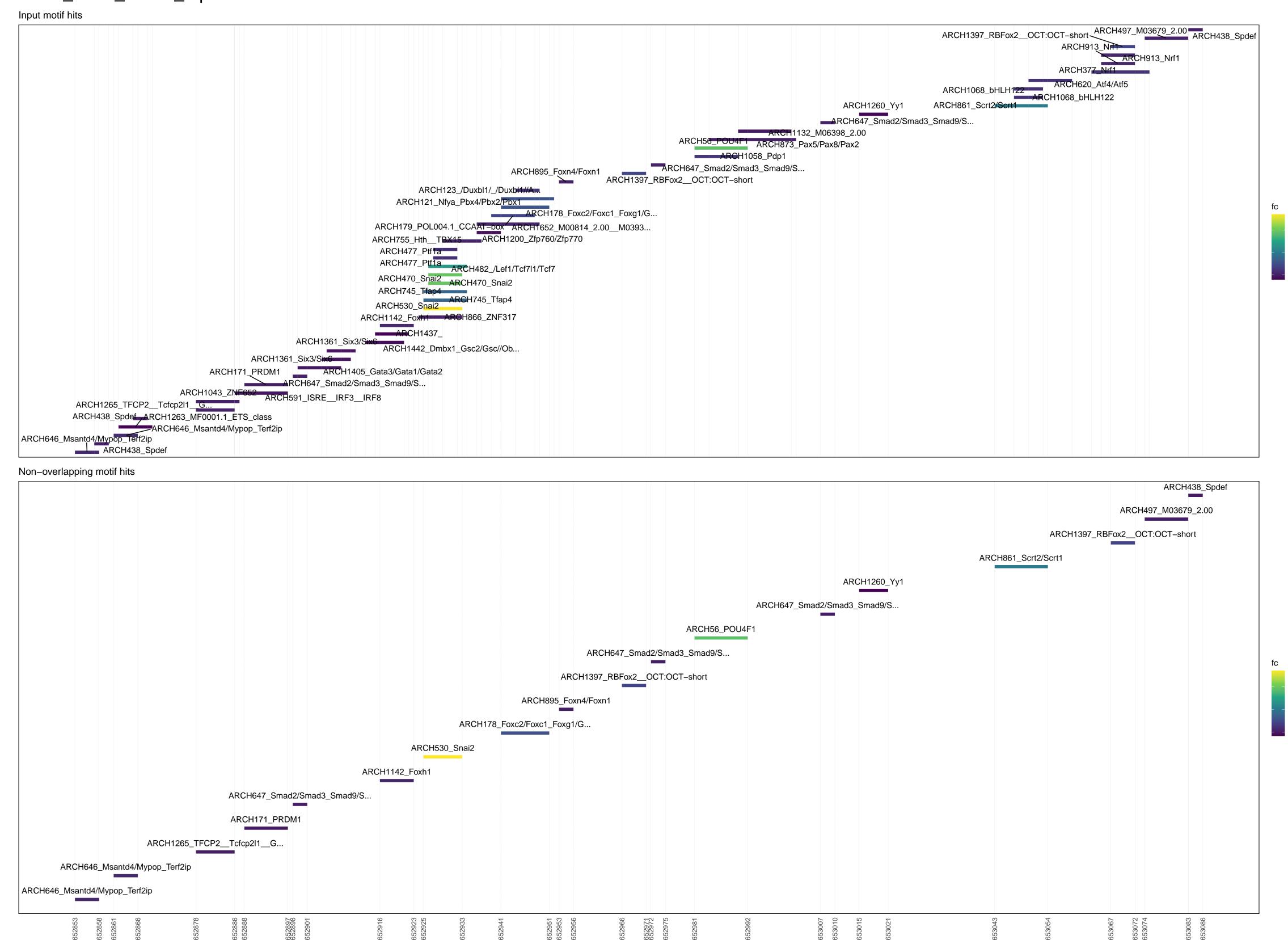


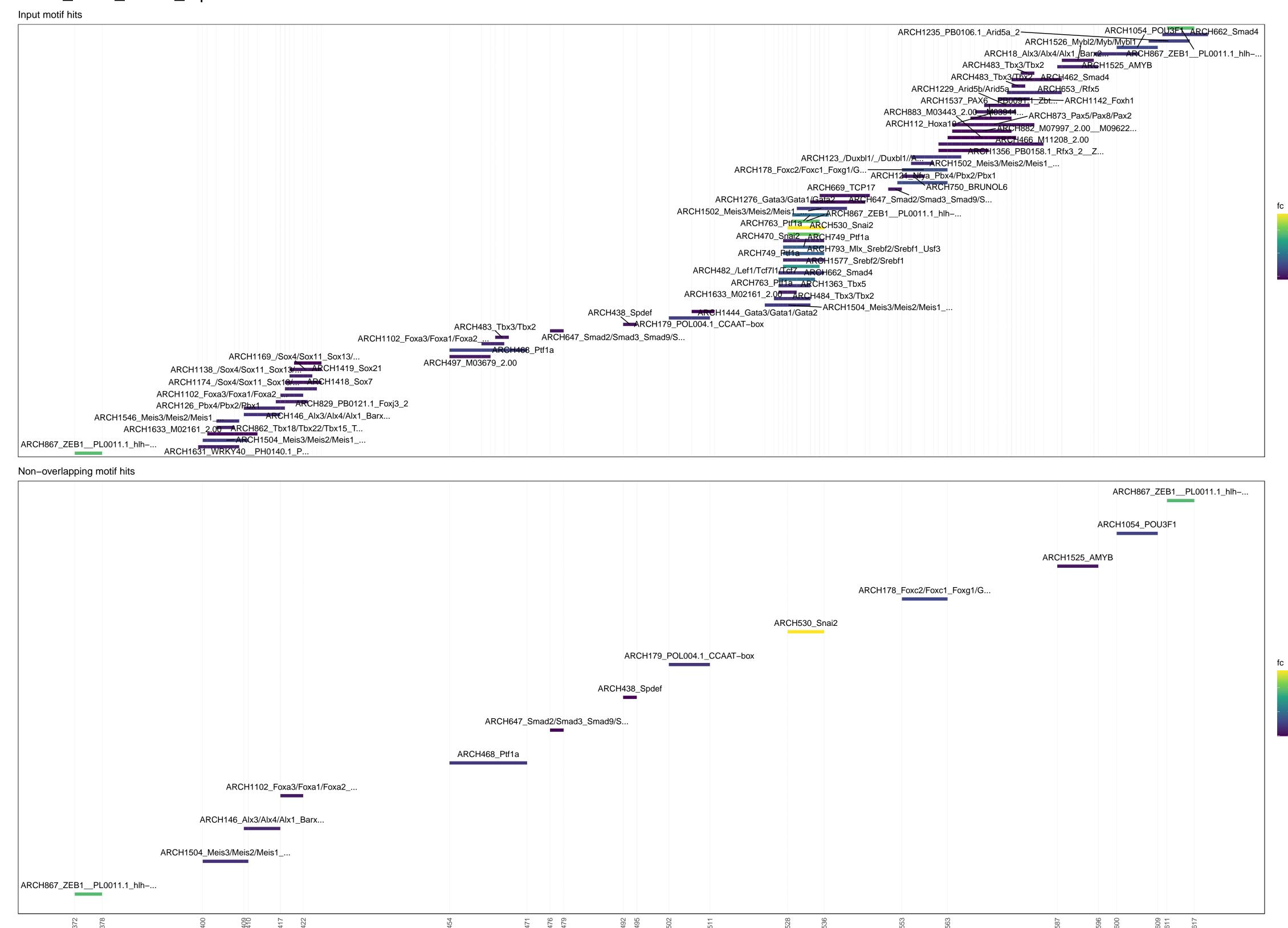








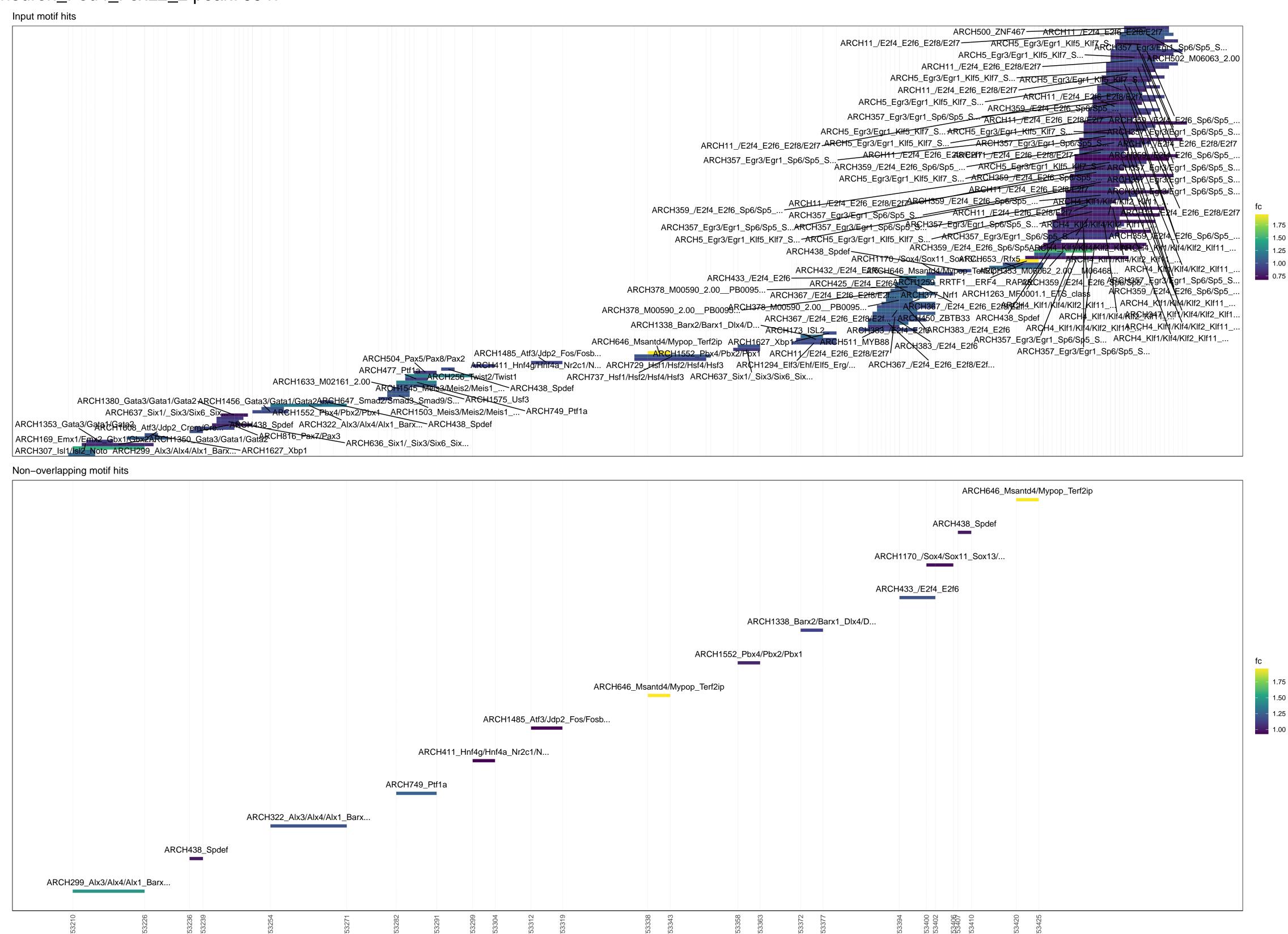


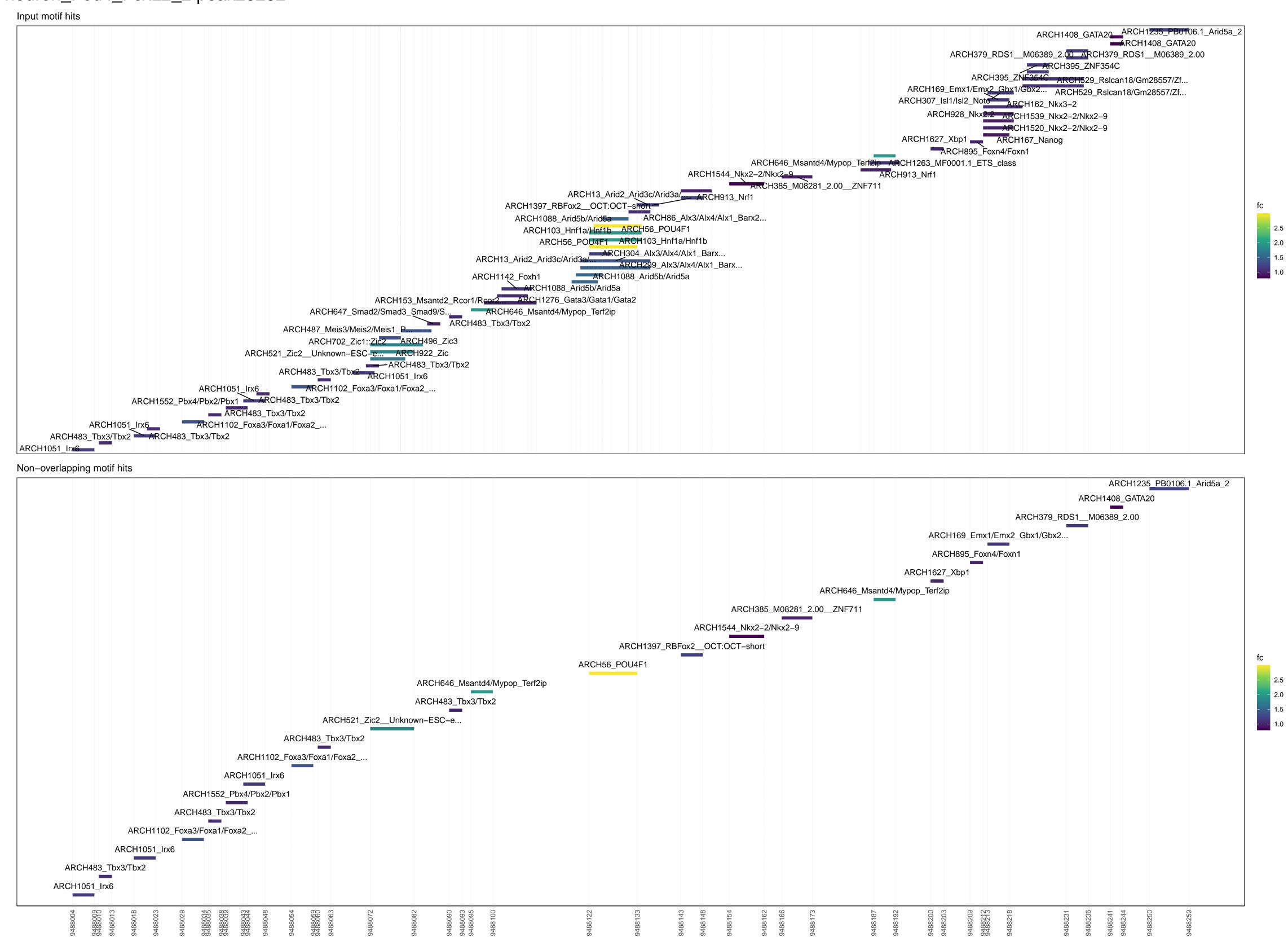


neuron_Pou4_FoxL2_1 peak108934 Input motif hits ARCH1627_Xbp1 ARCH1088_Arid5b/Arid5a ARCH1040_PB0066.1_Sox17_1 ARCH483_Tbx3/Tbx2 ARCH1617_Crem/Creb1/Atf1 ARCH1631_WRKY40__PH0140.1_P... ARCH949_bZIP48 ARCH876_GBF5__bZIP3__AREB3_...-ARCH958_Nkx2-2/Nkx2-9 ARCH947_Creb3l2/Creb3l1 ARCH1627_Xbp1\ ARCH972_Sox5 ARCH968_Foxa3/Foxa1/Foxa2_F... ARCH971_Foxc2/Foxc1_Foxd2/F... ARCH1016_Foxa3/Foxa1/Foxa2_... ARCH1017_Foxa3/Foxa1/Foxa2_... ARCH1018_Foxc2/Foxc1_Foxd2/... ARCH1142_Foxh1 ARCH379_RDS1__M06389_2.00 ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH1263_MF0001.1_ETS_class ARCH973_Foxa3/Foxa1/Foxa2 ARCH173_ISL2 ARCH647_Smad2/Smad3_Smad9/S... ARCH159_Barx2/Barx1_Emx1/Em../ARCH718_Smad2/Smad3_Smad9/S... ARCH378_M00590_2.00__PB0095... ARCH895_Foxn4/Foxn1 ARCH378_M00590_2.00__PB0095...
ARCH954_Foxn4/Foxn1 ARCH1583_Crem/Creb1/Atf1 ARCH895_Foxn4/Foxn1 ARCH1579_M03945_2.00__sv ARCH1579_M03945_2.00__sv_ARCH816_Pax7/Pax3 ARCH637_Six1/_Six3/Six6_Six... ARCH1224_Cebpd/Cebpe/Cebpa/... ARCH1253_Yy1 ARCH636_Six1/_Six3/Six6_Six... ARCH647_Smad2/Smad3_Smad9/S... ARCH627_ZNE189 ARCH543_PB0140.1_Irf6_2__ZN... ARCH960_Alx3/Alx4/Alx1_Barx ARCH112_Hoxa10 ARCH1353_Gata3/Gata1/Gata2_ARCH86_Alx3/Alx4/Alx1_Barx2.. ARCH1552_Pbx4/Pbx2/Pbx1 ARCH647_Smad2/Smad3_Smad9/8... ARCH1456_Gata3/Gata1/Gata2_... ARCH272_Pax5/Pax8/Pax2 ARCH1633_M02161_2.00 ARCH379_RDS1__M06389_2.00 ARCH428_BAF211 ARCH839_Tbx10/Tbx1_Tbx18/Tb... ARCH816_Pax7/Pax3 ARCH839_Tbx10/Tbx1_Tbx18/Tb... ARCH851_PB0088.1_Tcfap2e_1 ARCH895_Foxn4/Foxn1 Non-overlapping motif hits ARCH1088_Arid5b/Arid5a ARCH1627_Xbp1 ARCH1018_Foxc2/Foxc1_Foxd2/... ARCH1263_MF0001.1_ETS_class ARCH973_Foxa3/Foxa1/Foxa2 ARCH378_M00590_2.00__PB0095... ARCH637_Six1/_Six3/Six6_Six... ARCH627_ZNF189 ARCH647_Smad2/Smad3_Smad9/S... ARCH86_Alx3/Alx4/Alx1_Barx2... ARCH1363_Tbx5 ARCH895_Foxn4/Foxn1

1.2

1.0





neuron_Pou4_FoxL2_2 peak17714 Input motif hits ARCH438_Spdef ARCH433_/E2f4_E2f6 ARCH551_Elf3/Ehf/Elf5_Etv6 ARCH551_Elf3/Ehf/Elf5_Etv6 ARCH1397_RBFox2__OCT:OCT-short ARCH647_Smad2/Smad3_Smad9/S.... ARCH1408_GATA20_ARCH1319_WRKY50 ARCH1485_Atf3/Jdp2_Fos/Fosb... ARCH736_GATA14__GATA12 ARCH736_GATA14__GATA12 ARCH146_Alx3/Alx4/Alx1_Barx... ARCH1178_/Sox4/Sox11_Foxd2/..._ARCH179_POL004.1_CCAAT-box ARCH13_Arid2_Arid3c/Arid3a/... ARCH1138_/Sox4/Sox11_Sox13_ ARCH1073_Dmrt2_Dmrtc2_Six1/... ARCH52_Alx3/Alx4/Alx1_Barx2... ARCH64_Arid2_Arid3c/Arid3a/... ARCH1408_GATA20 ARCH1020_Alx3/Alx4/Alx1_Bar... ARCH484_Tbx3/Tbx2 ARCH1028_Alx3/Alx4/Alx1_Bar ARCH1132_M06398_2.00 ARCH1405_Gata3/Gata1/Gata2 ARCH1537_PAX6__PB0091.1_Zbt... ARCH975 Foxd2/Foxd4/Foxd3/F... ARCH256_Twist2/Twist1 ARCH121_Nfya_Pbx4/Pbx2/Pbx1 ARCH178_Foxc2/Foxc1_Foxg1/G... ARCH1650_WRKY21__WRKY17__M0... ARCH1442_Dmbx1_Gsc2/Gsel/Ob. ARCH13_Arid2_Arid3c/Arid3a/.../ ARCH153_Msantd2_Rcor1/Rcor2. ARCH63_Pax5/Pax8/Pax2 ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH63_Pax5/Pax8/Pax2 ARCH636_Six1/_Six3/Six6_Six... ARCH1170_/Sox4/Sox11_Sox13/... ARCH637_Six1/_Six3/Six6_Six... ARCH438_Spdef ARCH1263_MF0001.1_ETS_class ARCH587_Elf3/Ehf/Elf5_Erg/F... ARCH439_M09530_2.00__M04749... ARCH552_Elf3/Ehf/Elf5_Erg/F... ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH572_Elf3/Ehf/Elf5_Erg/F... ARCH1294_Elf3/Ehf/Elf5_Erg/ Non-overlapping motif hits ARCH433_/E2f4_E2f6 ARCH1397_RBFox2__OCT:OCT-short ARCH1485_Atf3/Jdp2_Fos/Fosb... ARCH647_Smad2/Smad3_Smad9/S... ARCH736_GATA14__GATA12 ARCH146_Alx3/Alx4/Alx1_Barx... ARCH179_POL004.1_CCAAT-box ARCH1178_/Sox4/Sox11_Foxd2/... ARCH52_Alx3/Alx4/Alx1_Barx2... ARCH1408_GATA20 ARCH484_Tbx3/Tbx2 ARCH1020_Alx3/Alx4/Alx1_Bar... ARCH1028_Alx3/Alx4/Alx1_Bar... ARCH975_Foxd2/Foxd4/Foxd3/F...

1.50

1.25

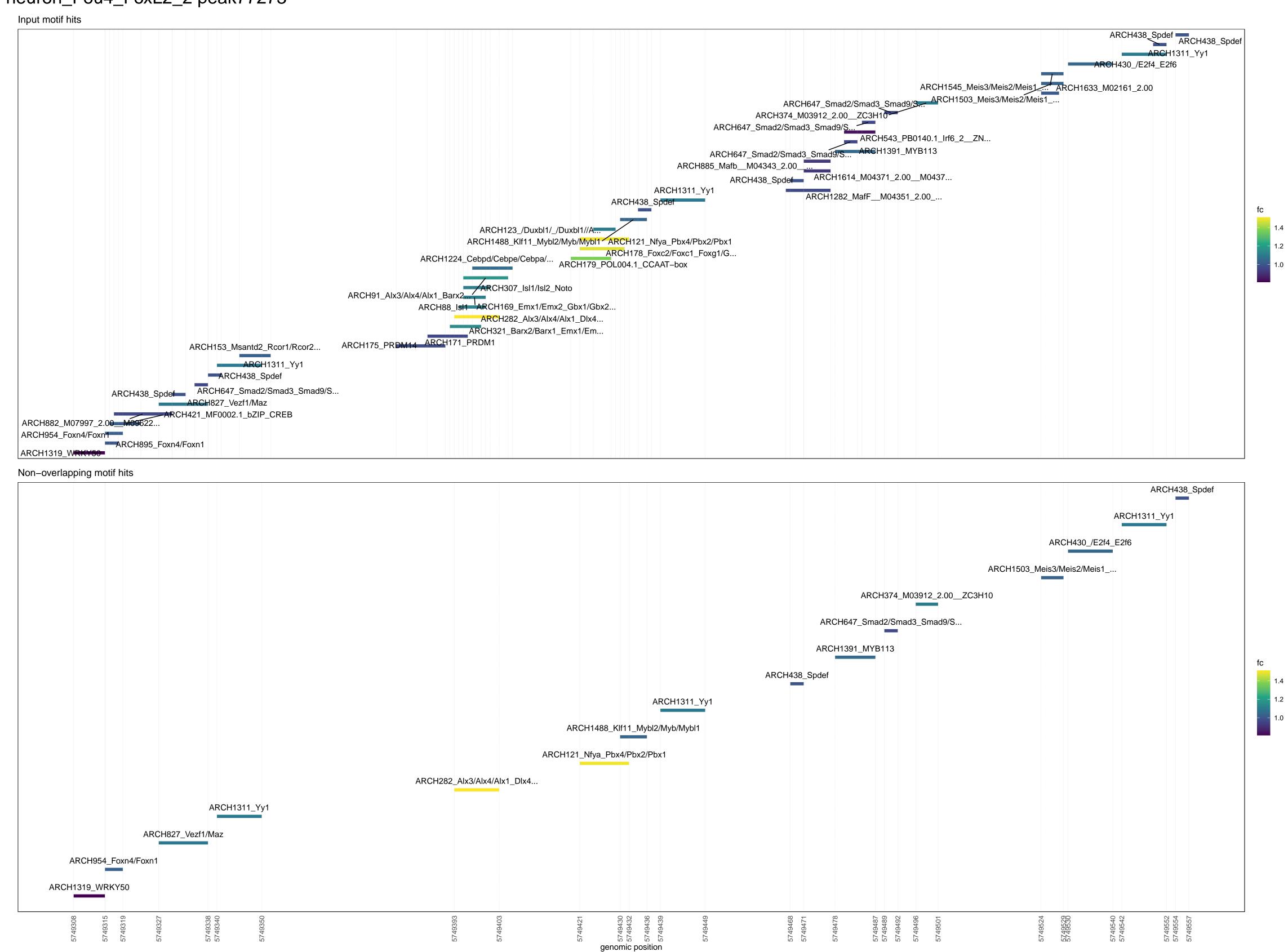
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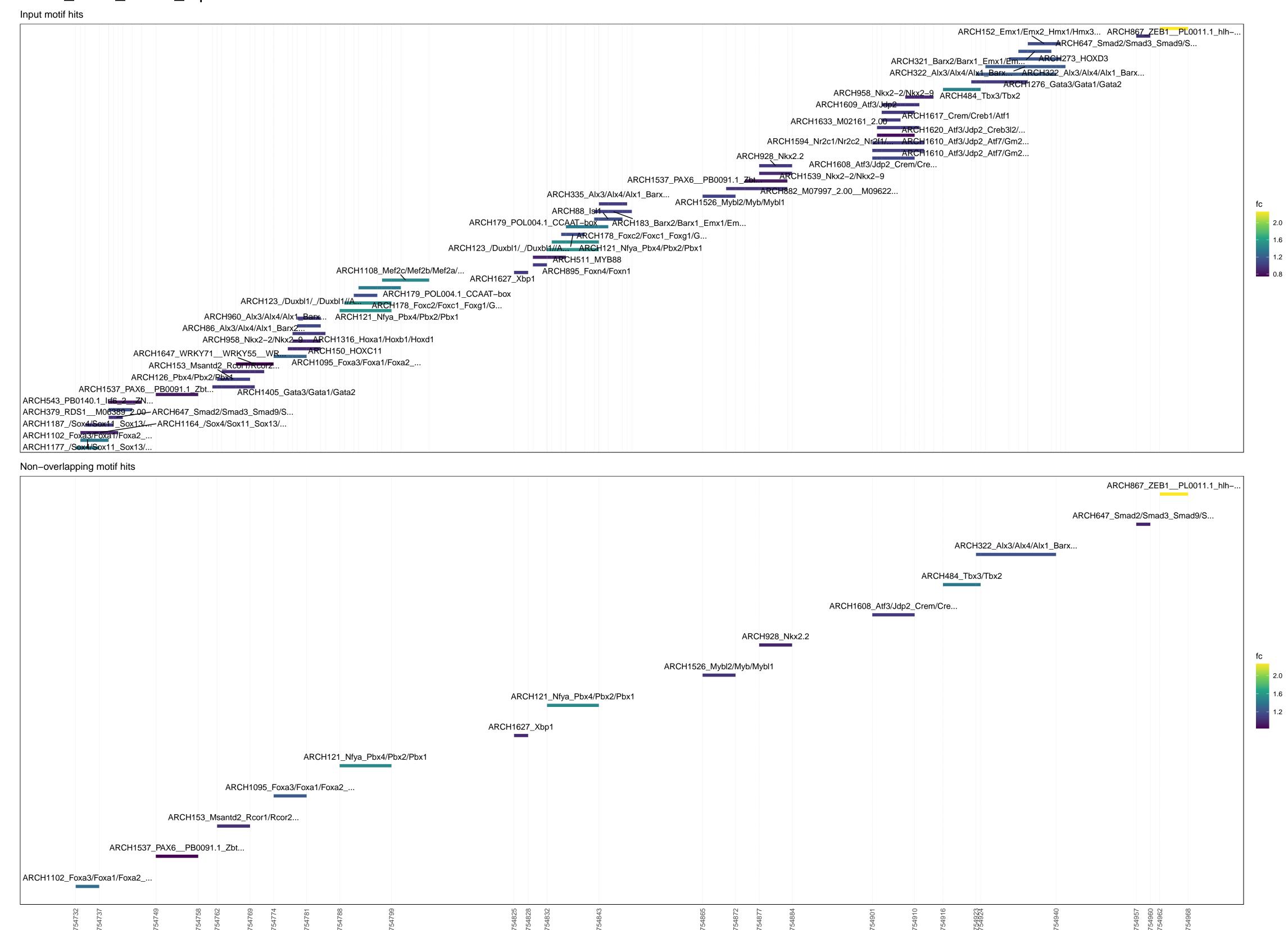
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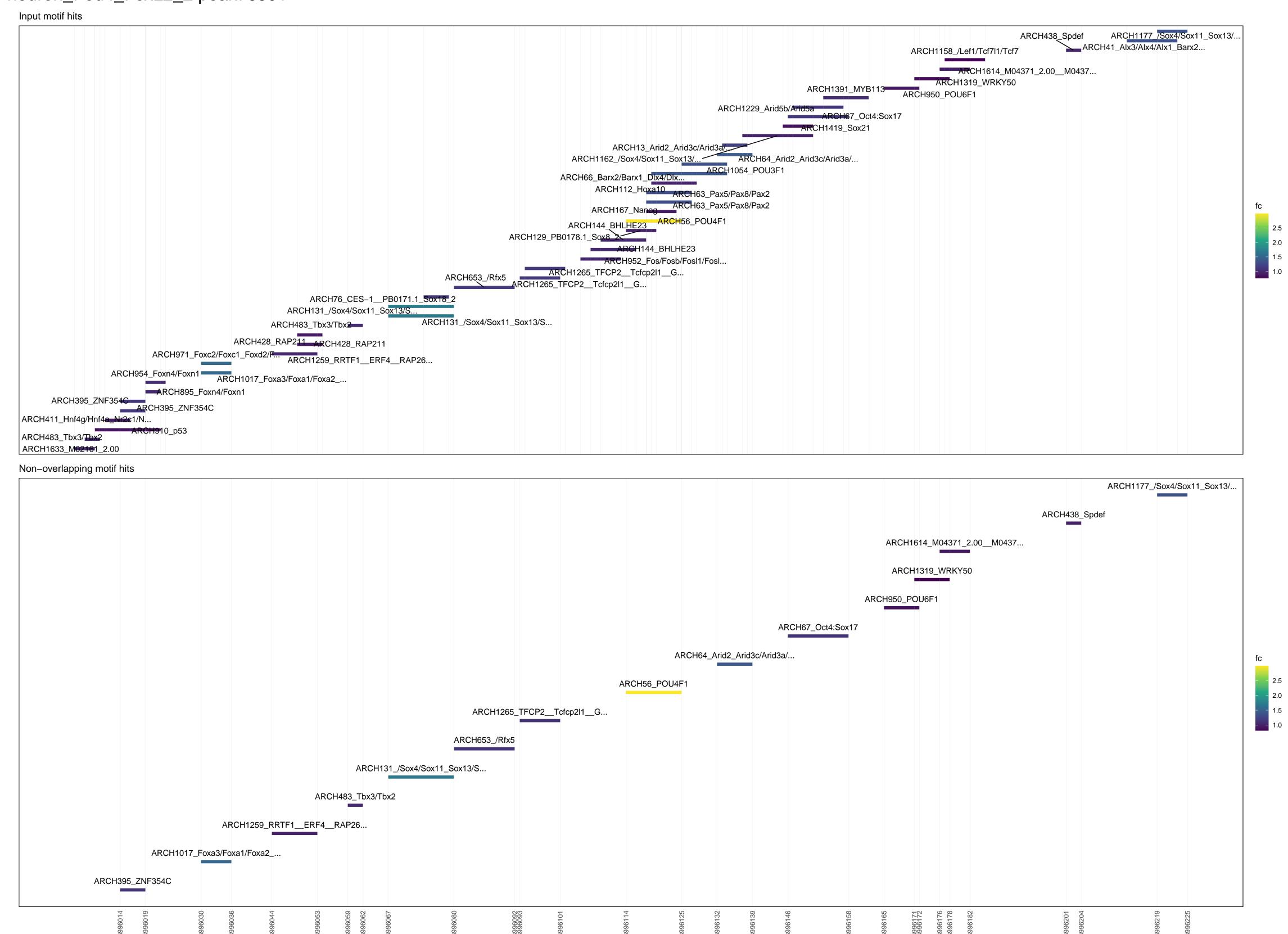
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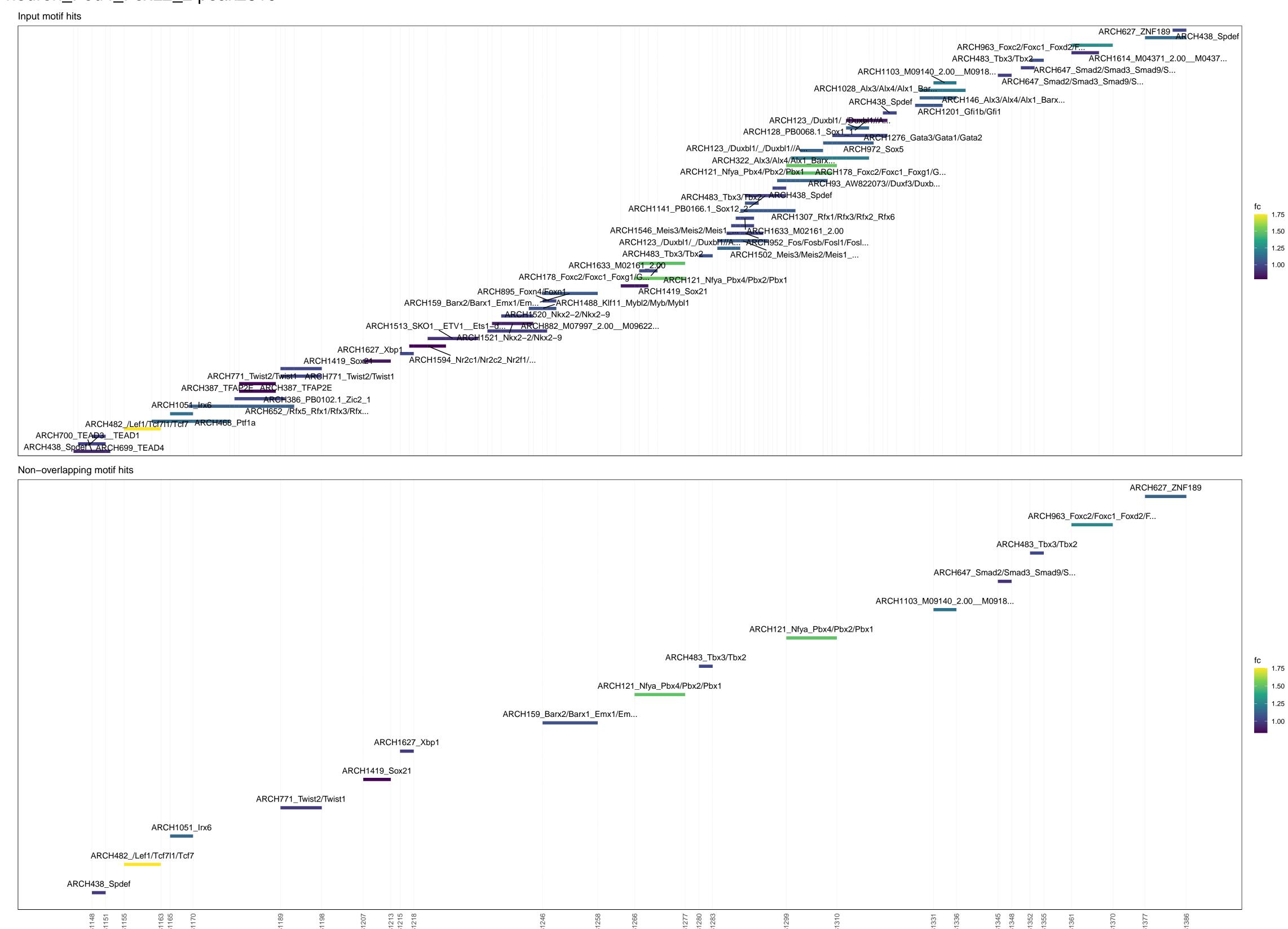
ARCH121_Nfya_Pbx4/Pbx2/Pbx1

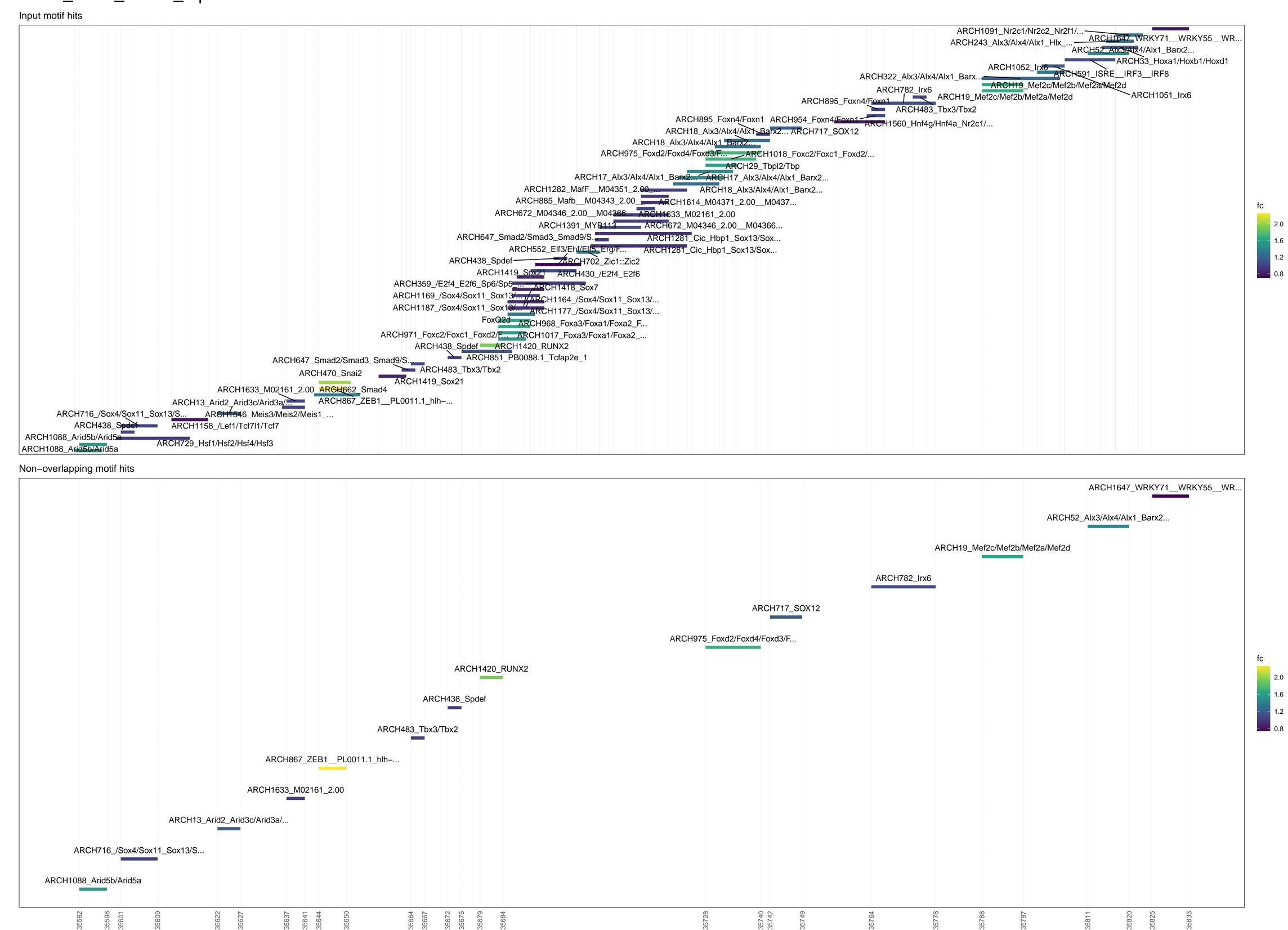
ARCH1263_MF0001.1_ETS_class

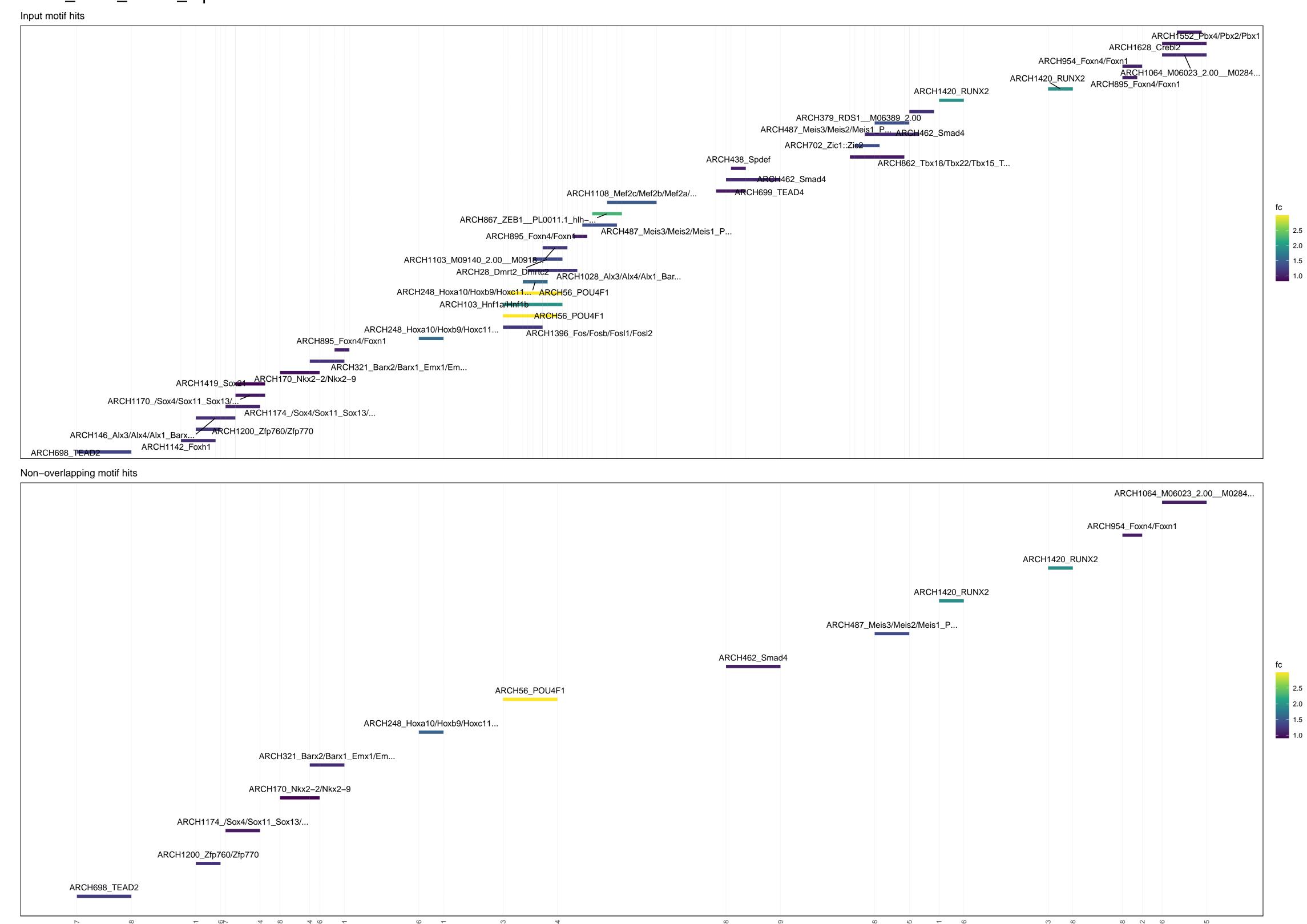


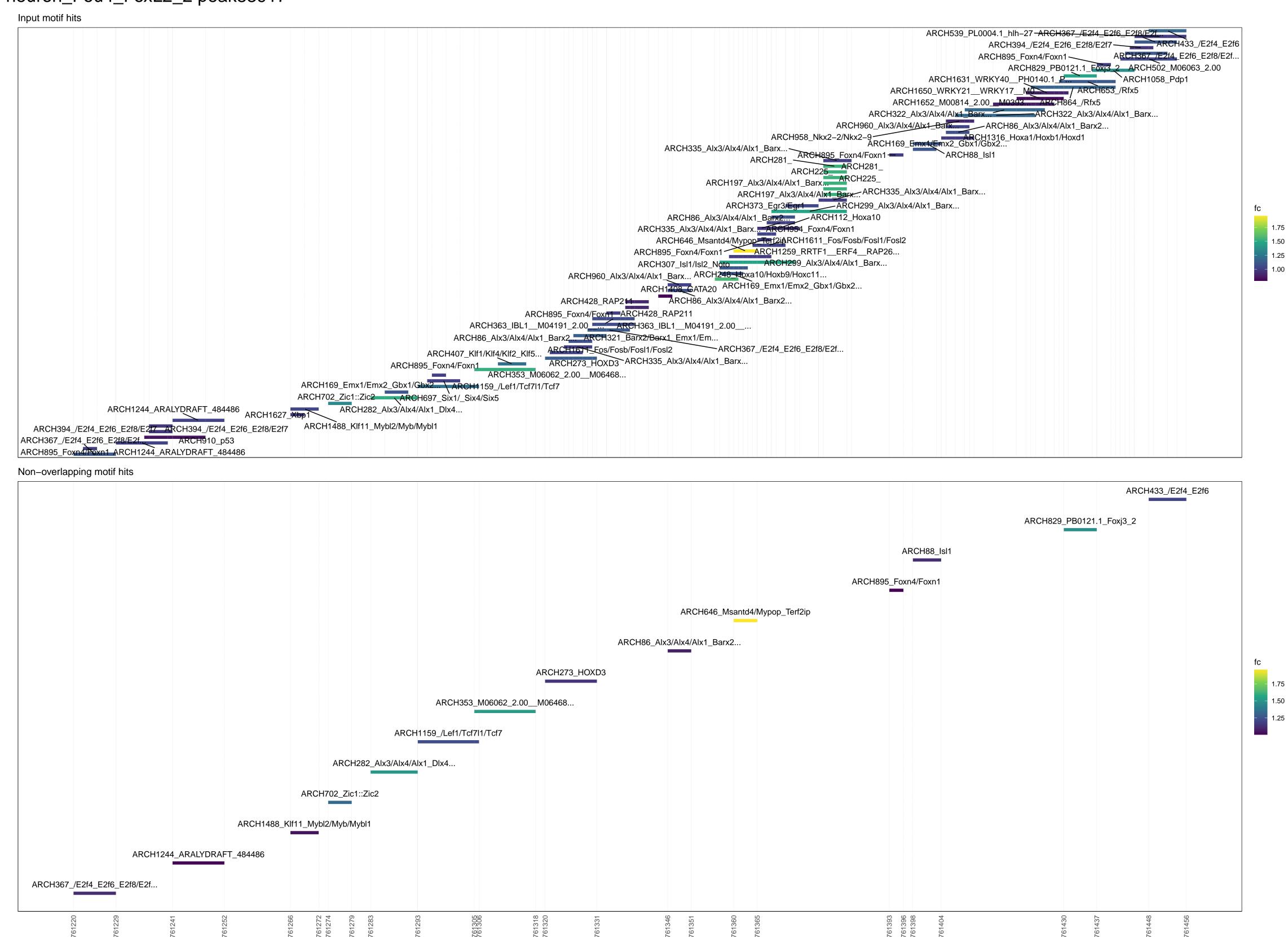


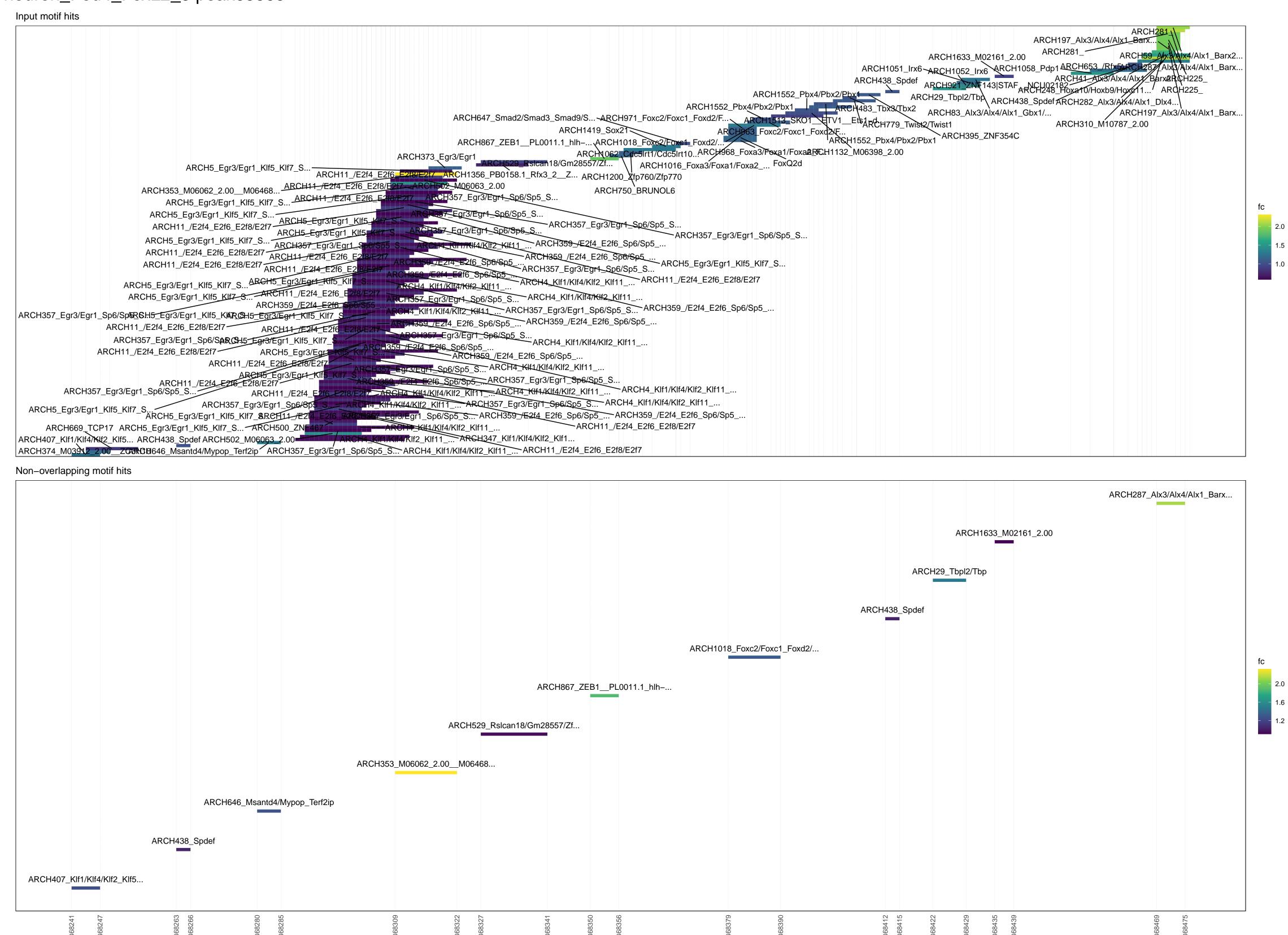


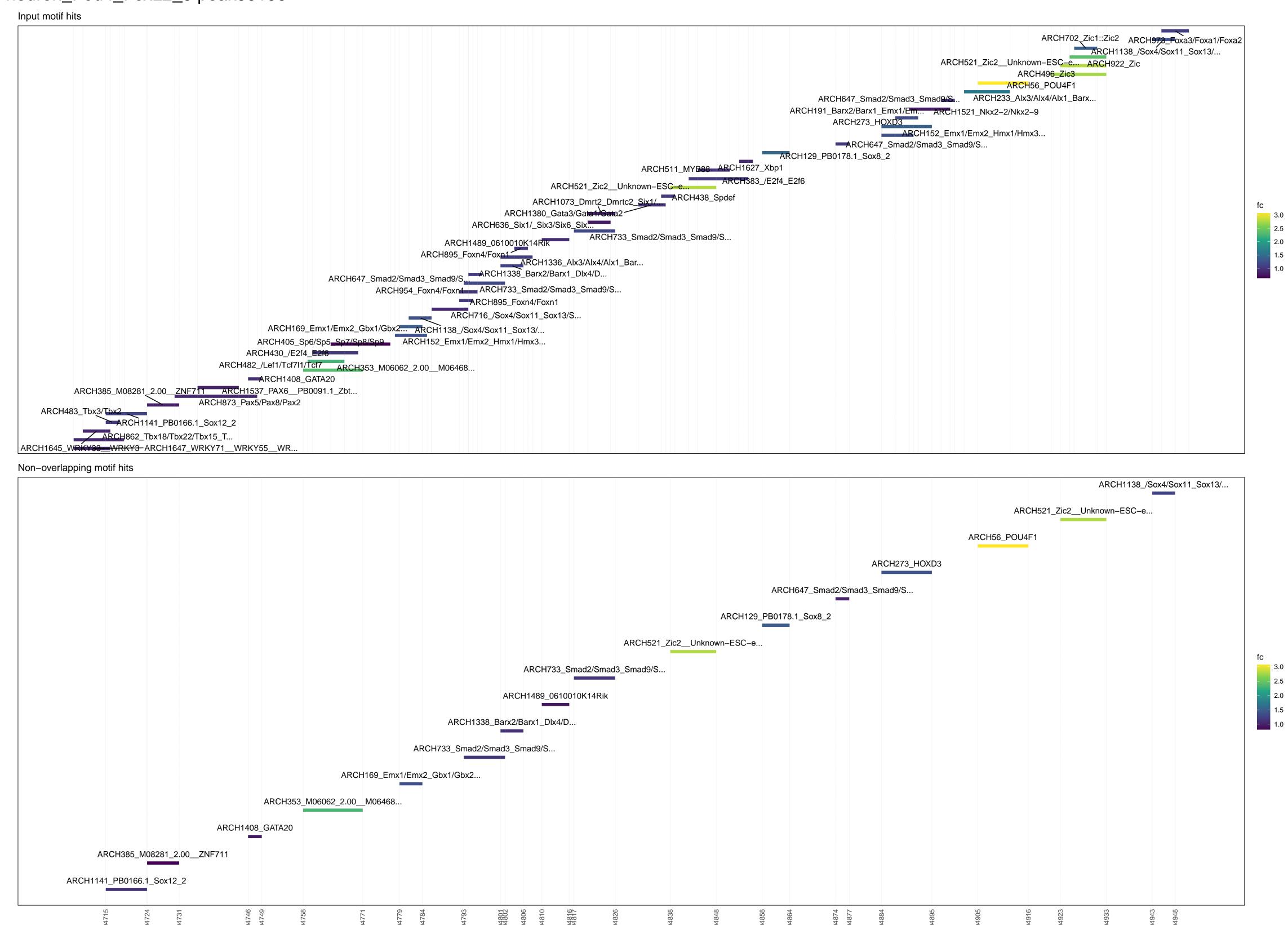


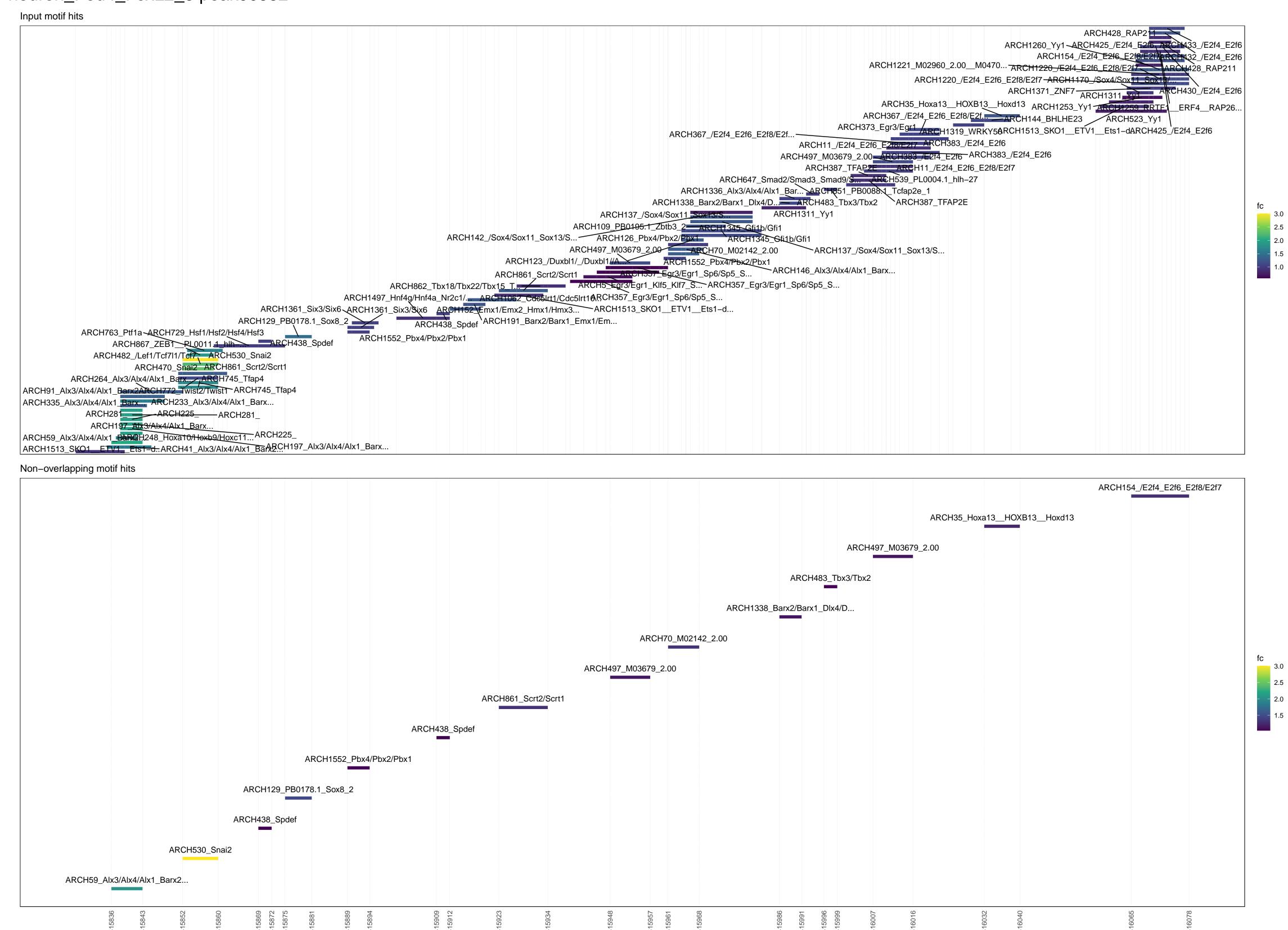


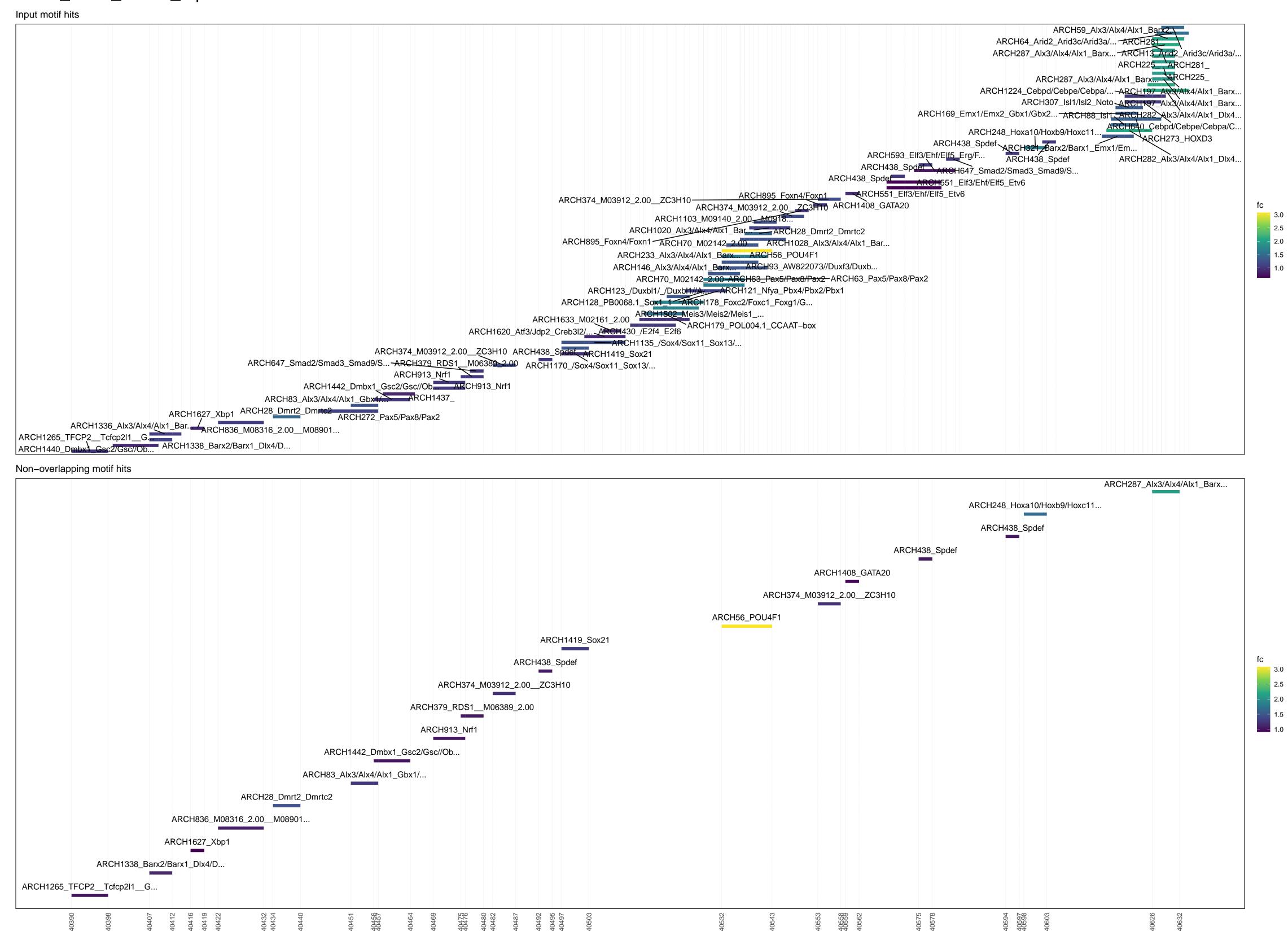


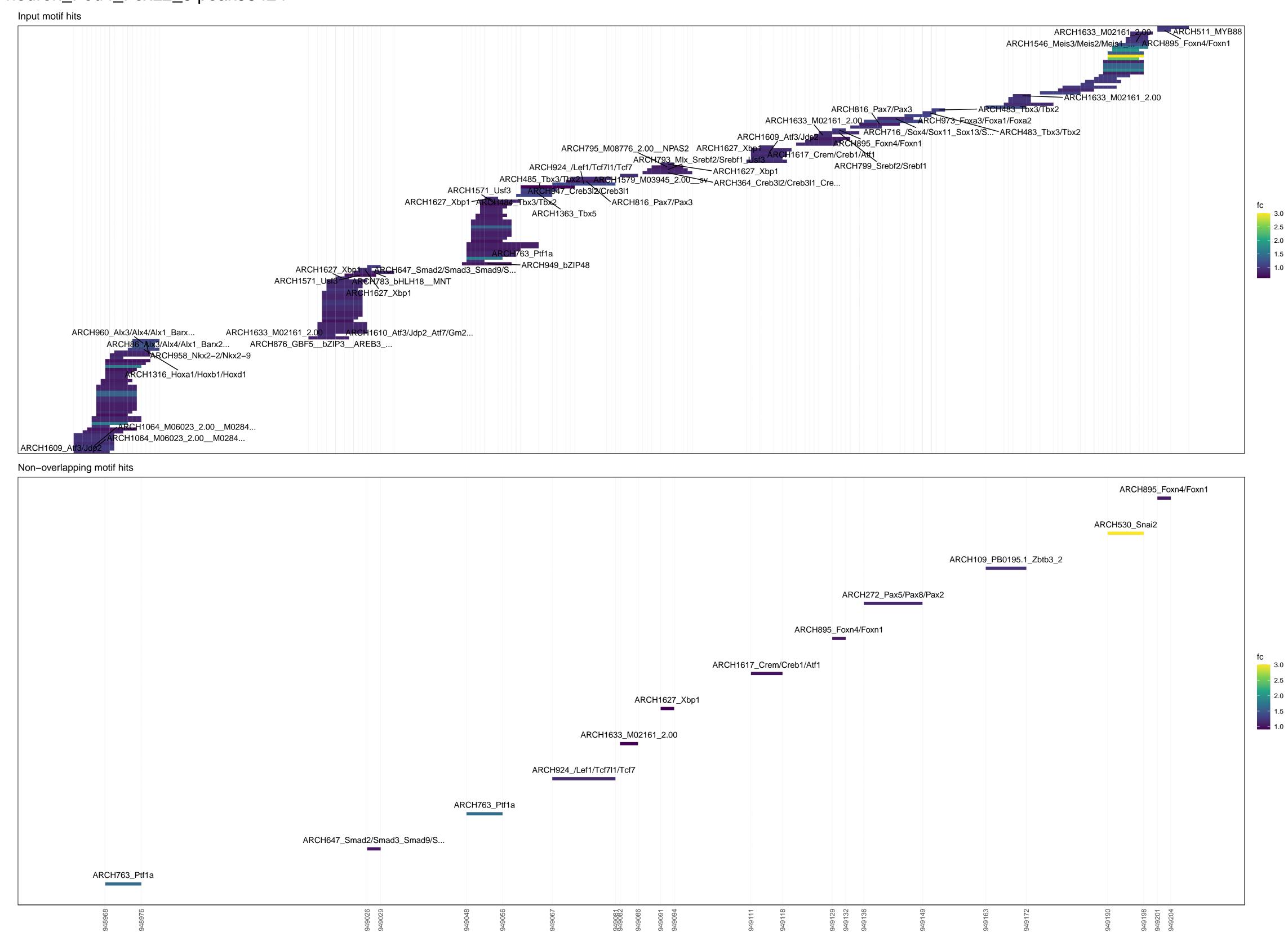


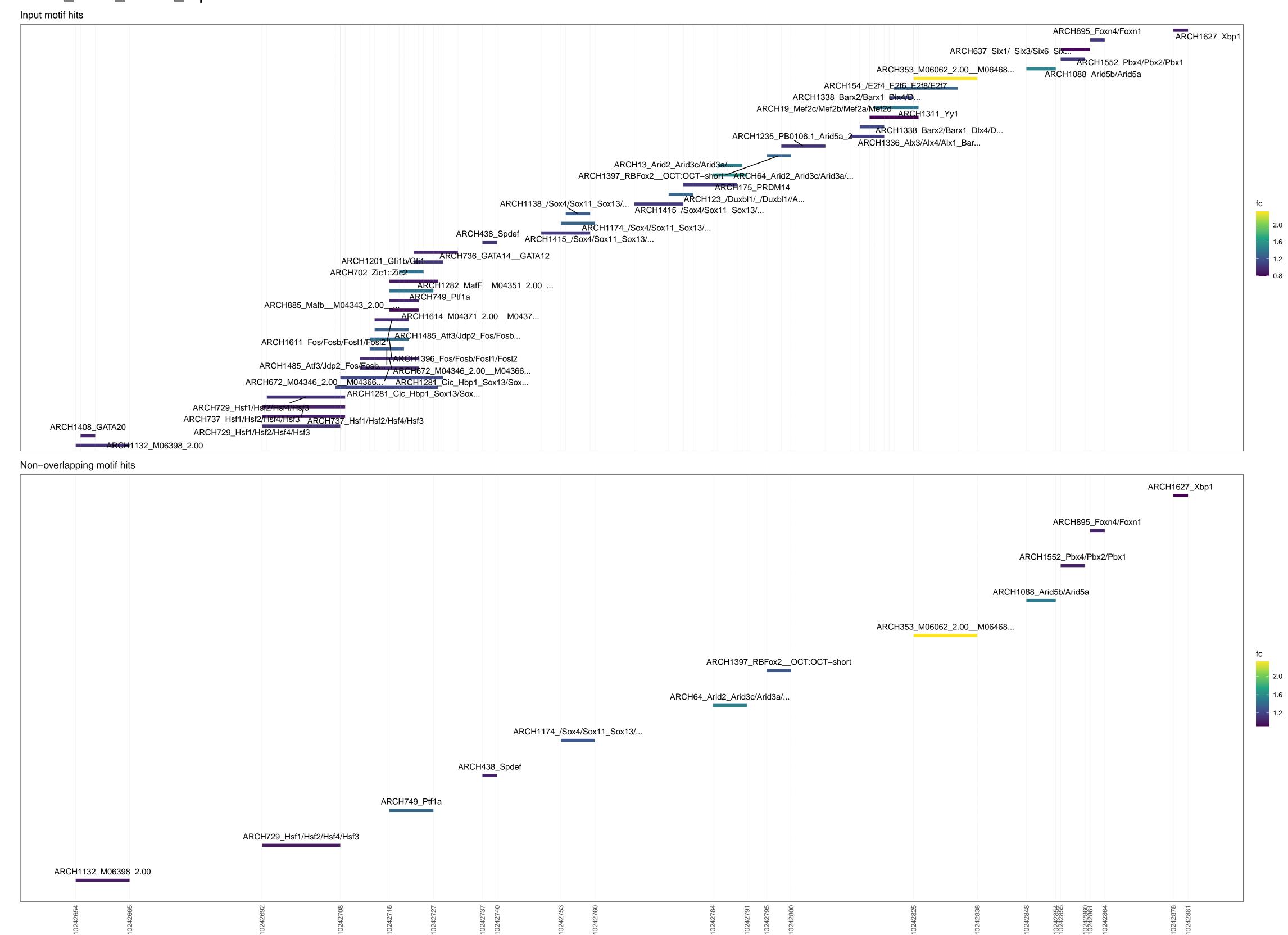


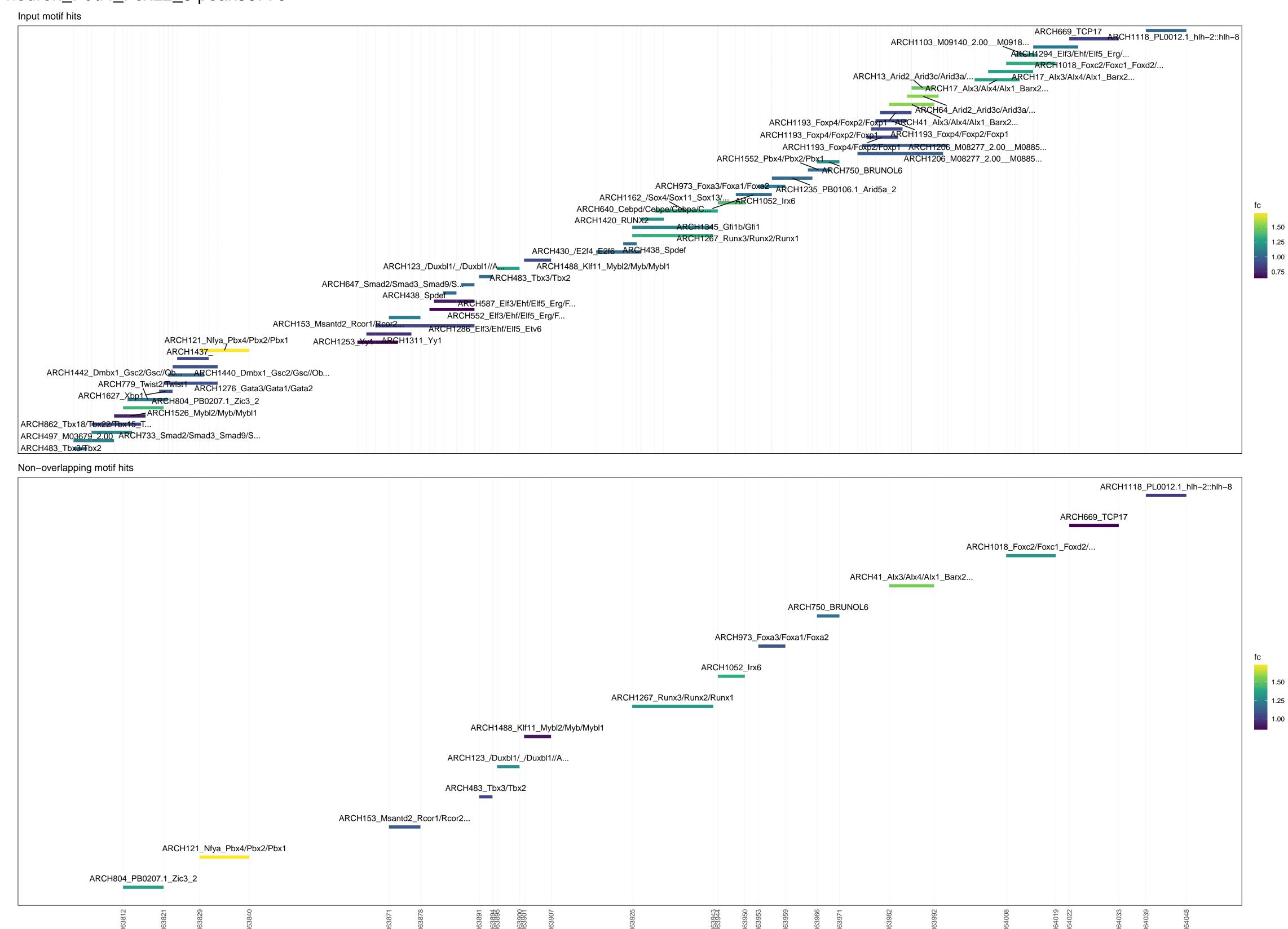


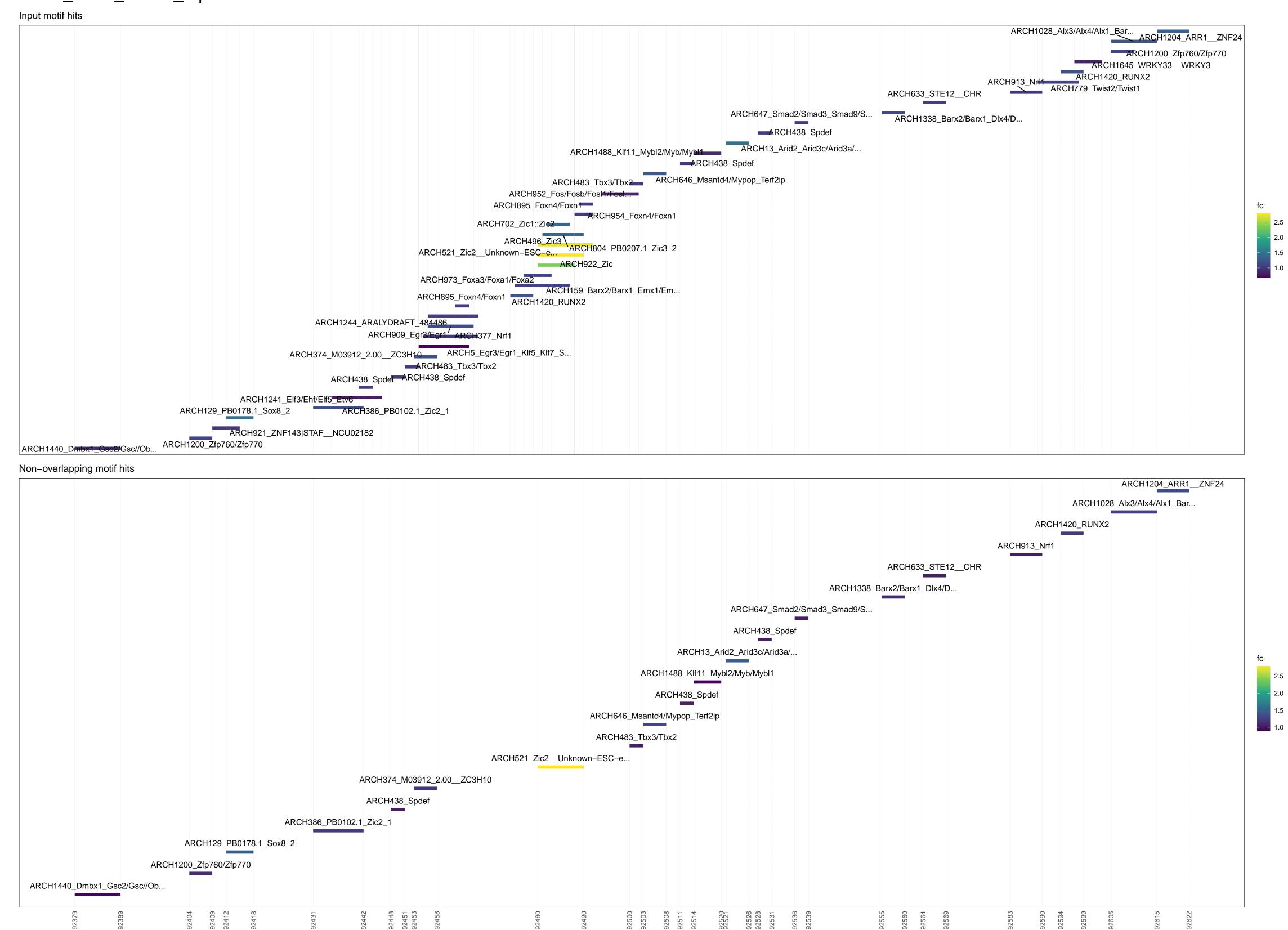




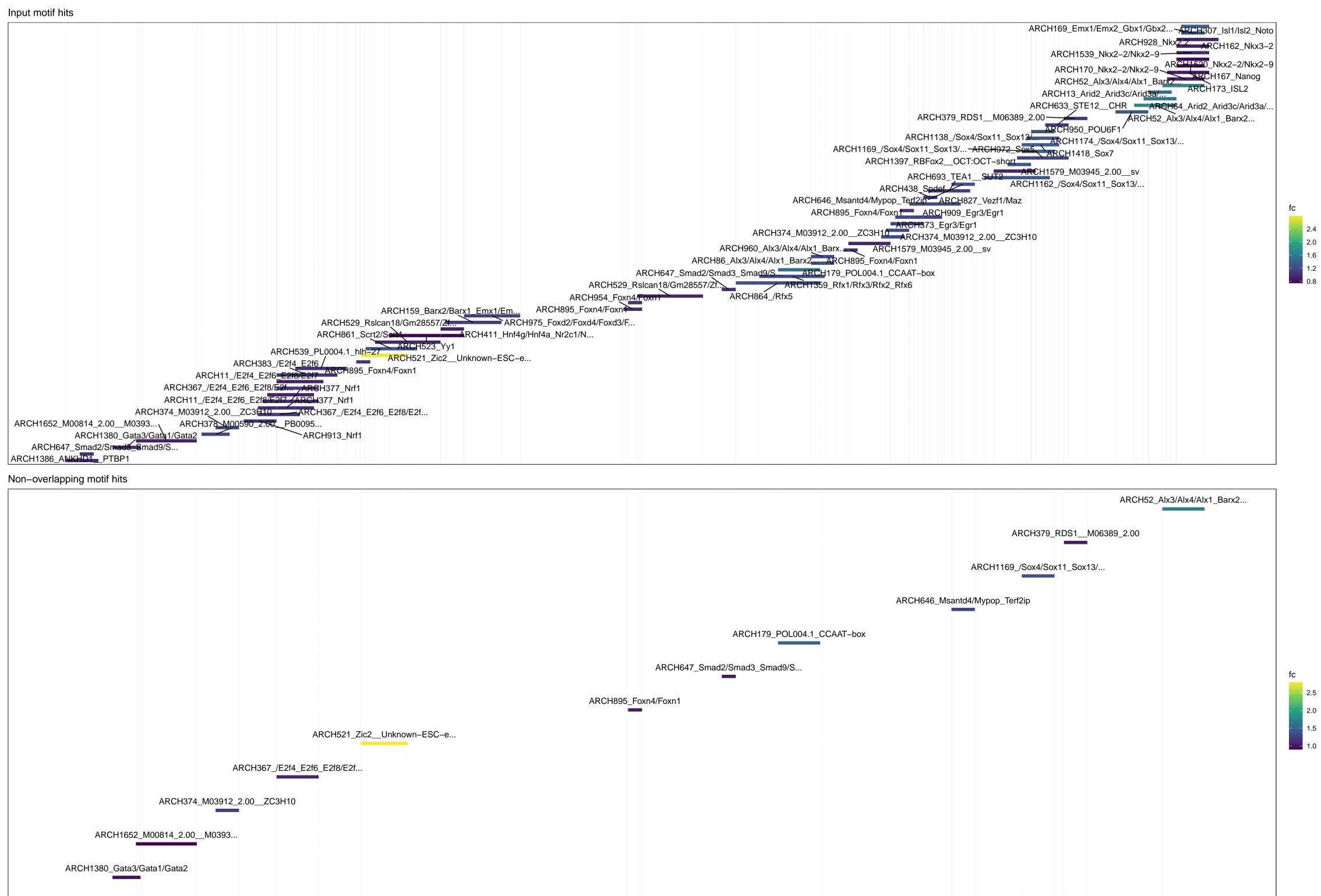






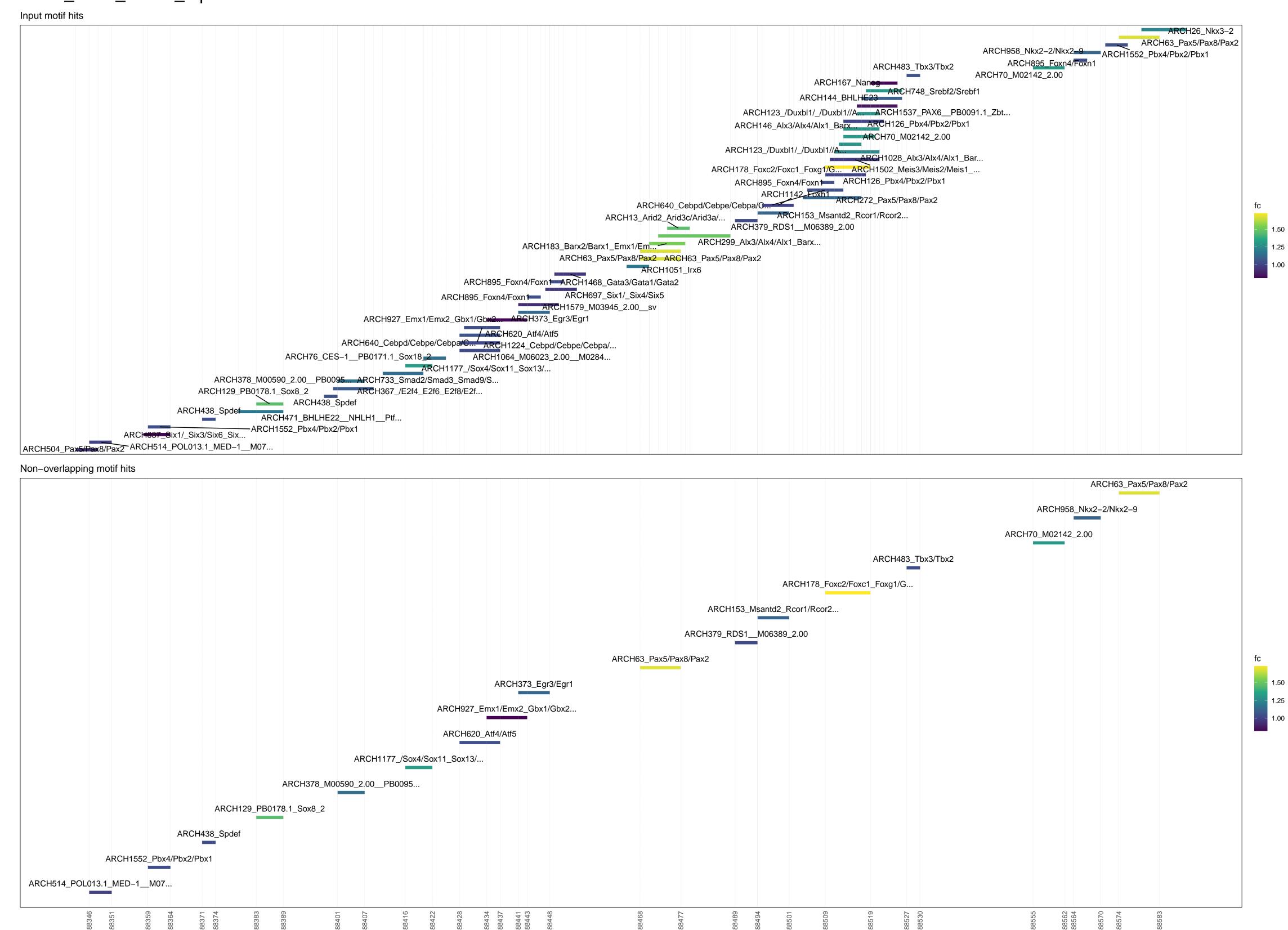


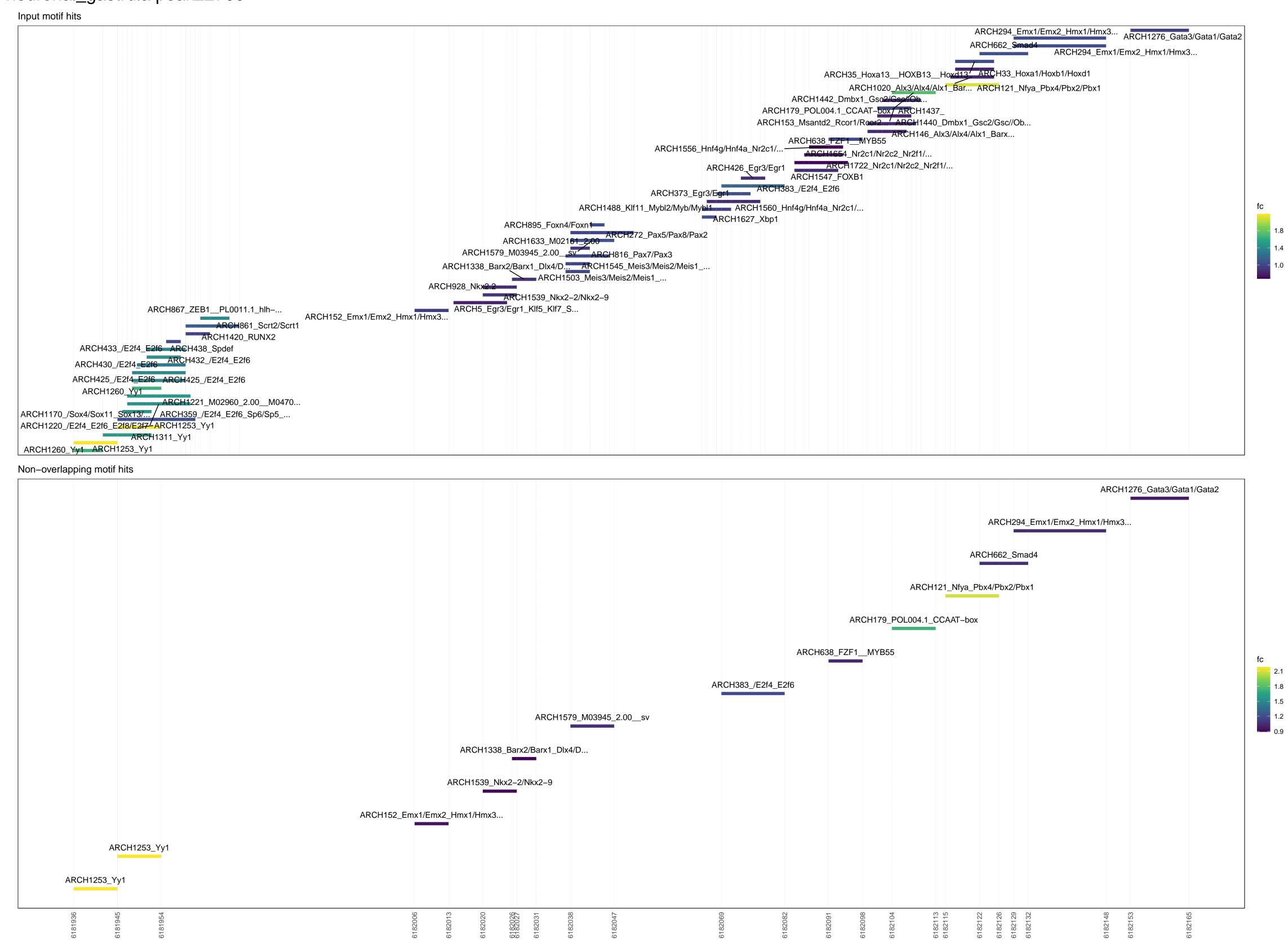
ARCH647_Smad2/Smad3_Smad9/S...

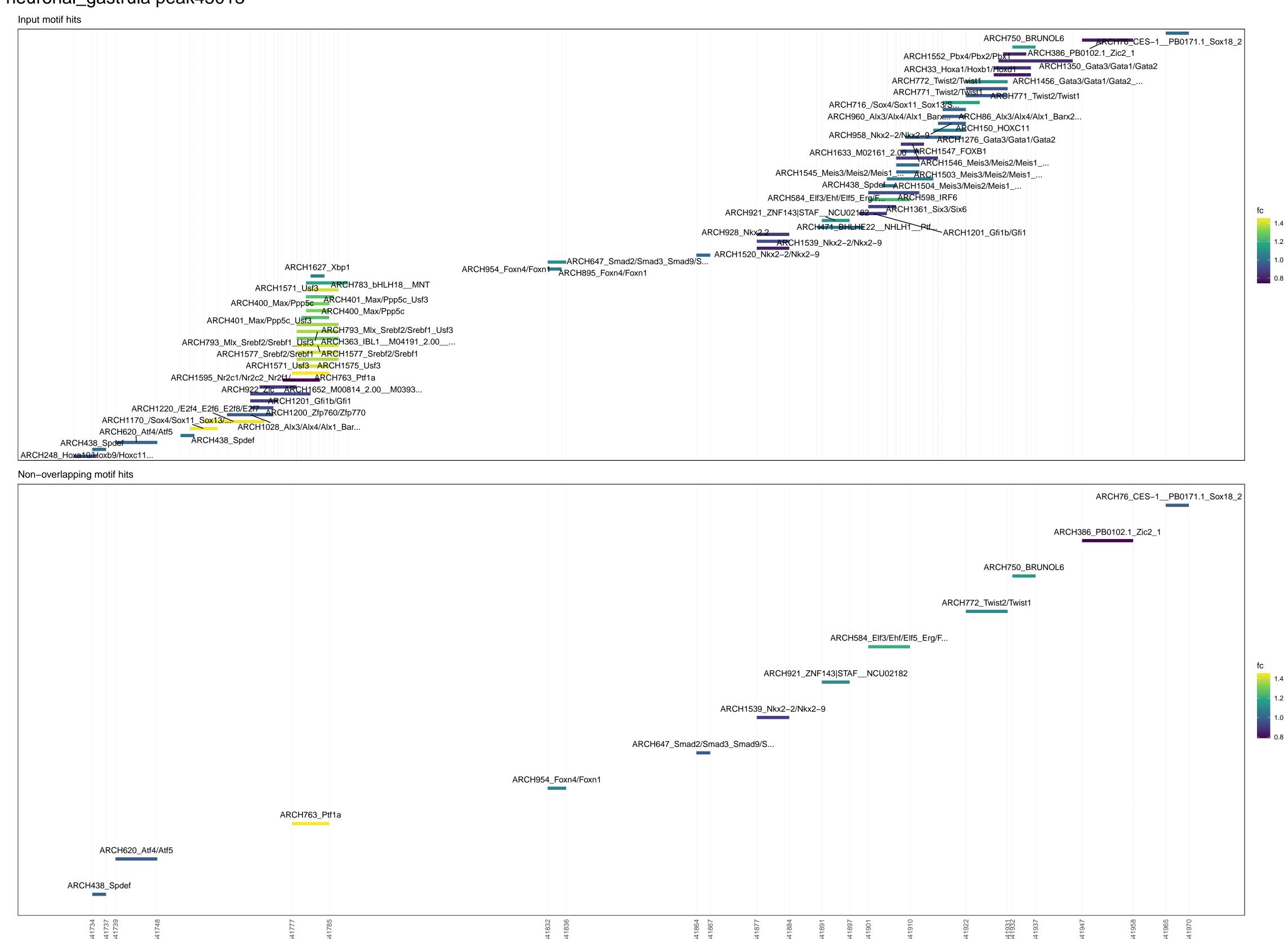


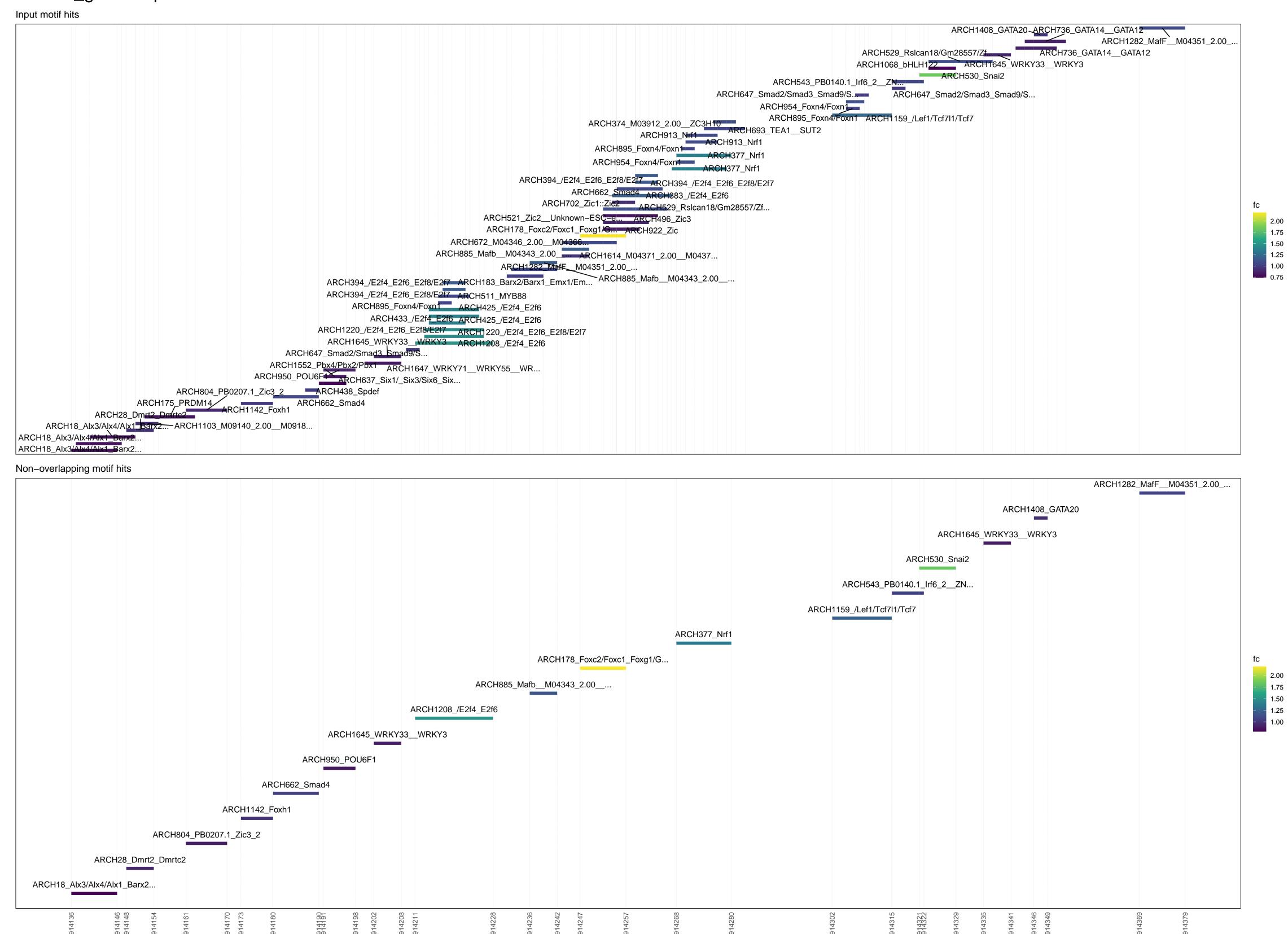
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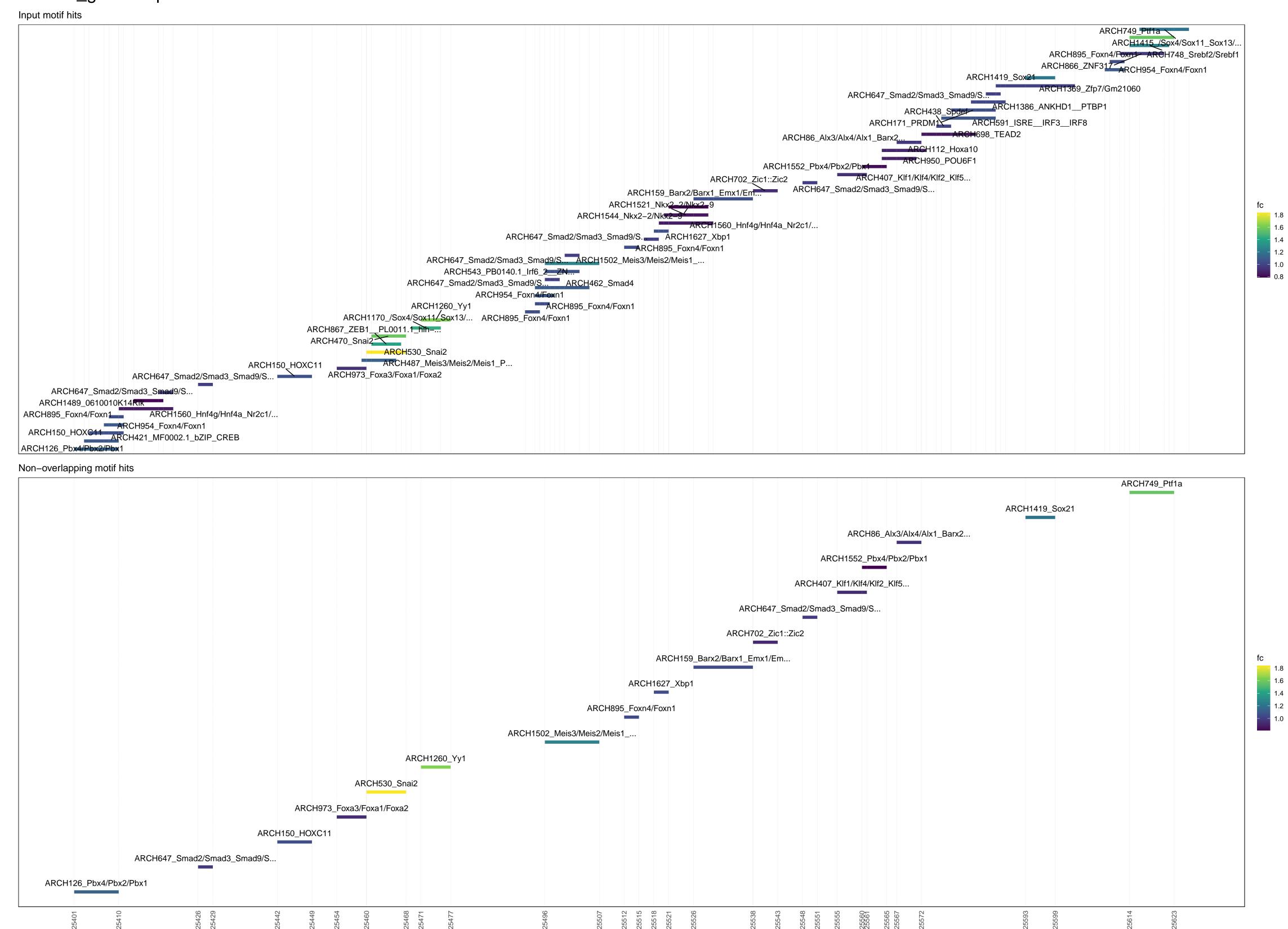
neuron_Pou4_FoxL2_3 peak75797

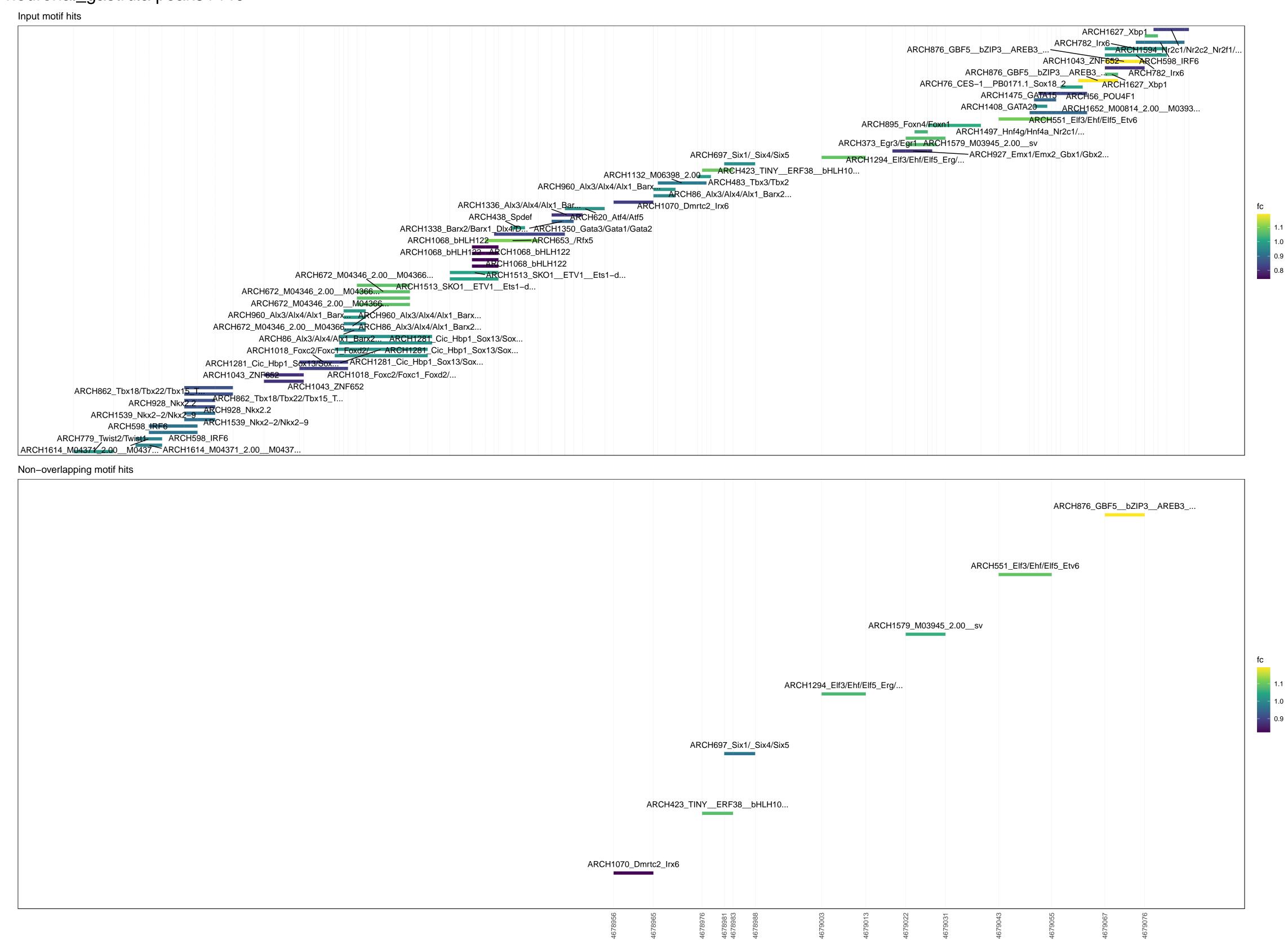


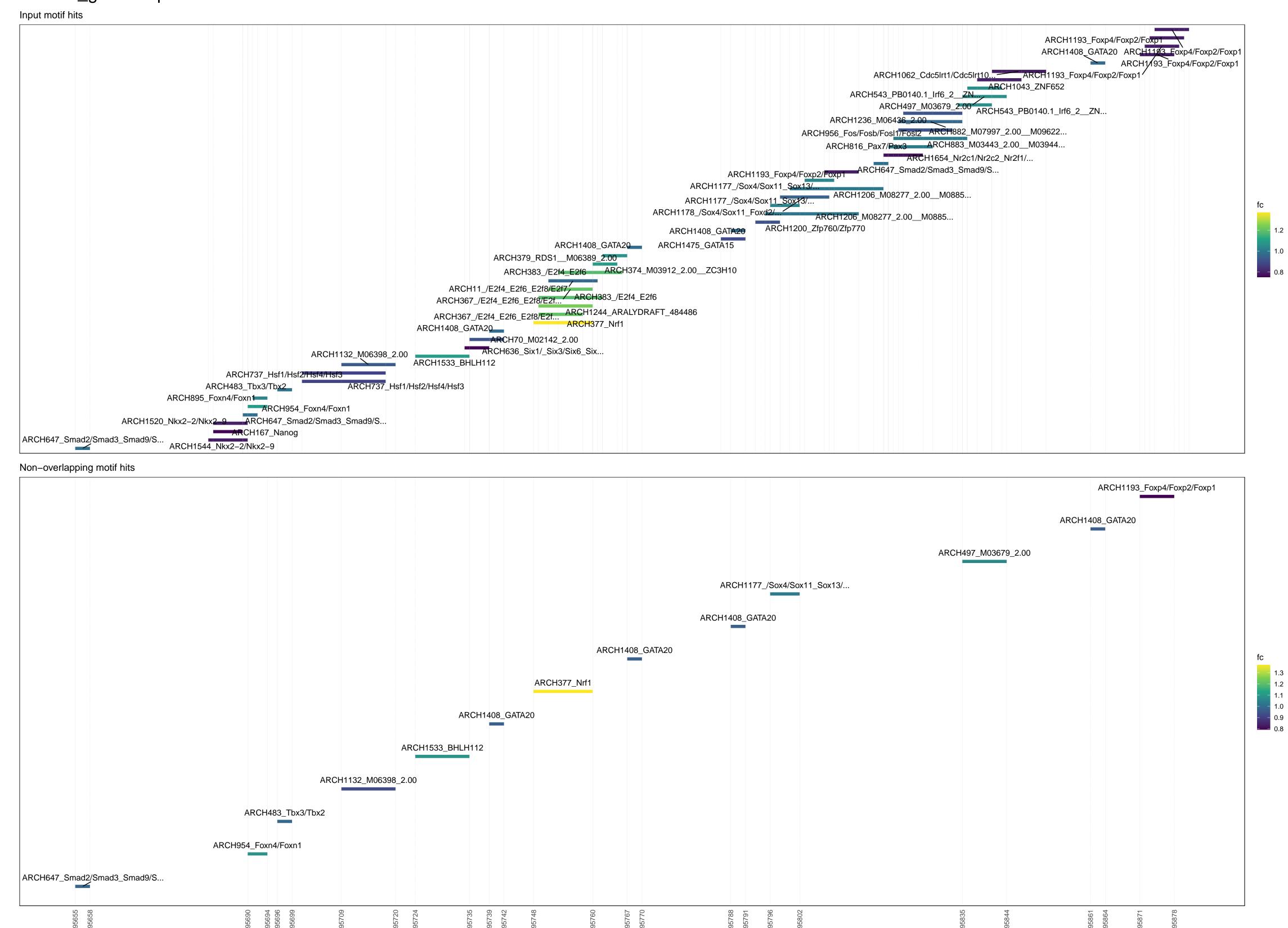


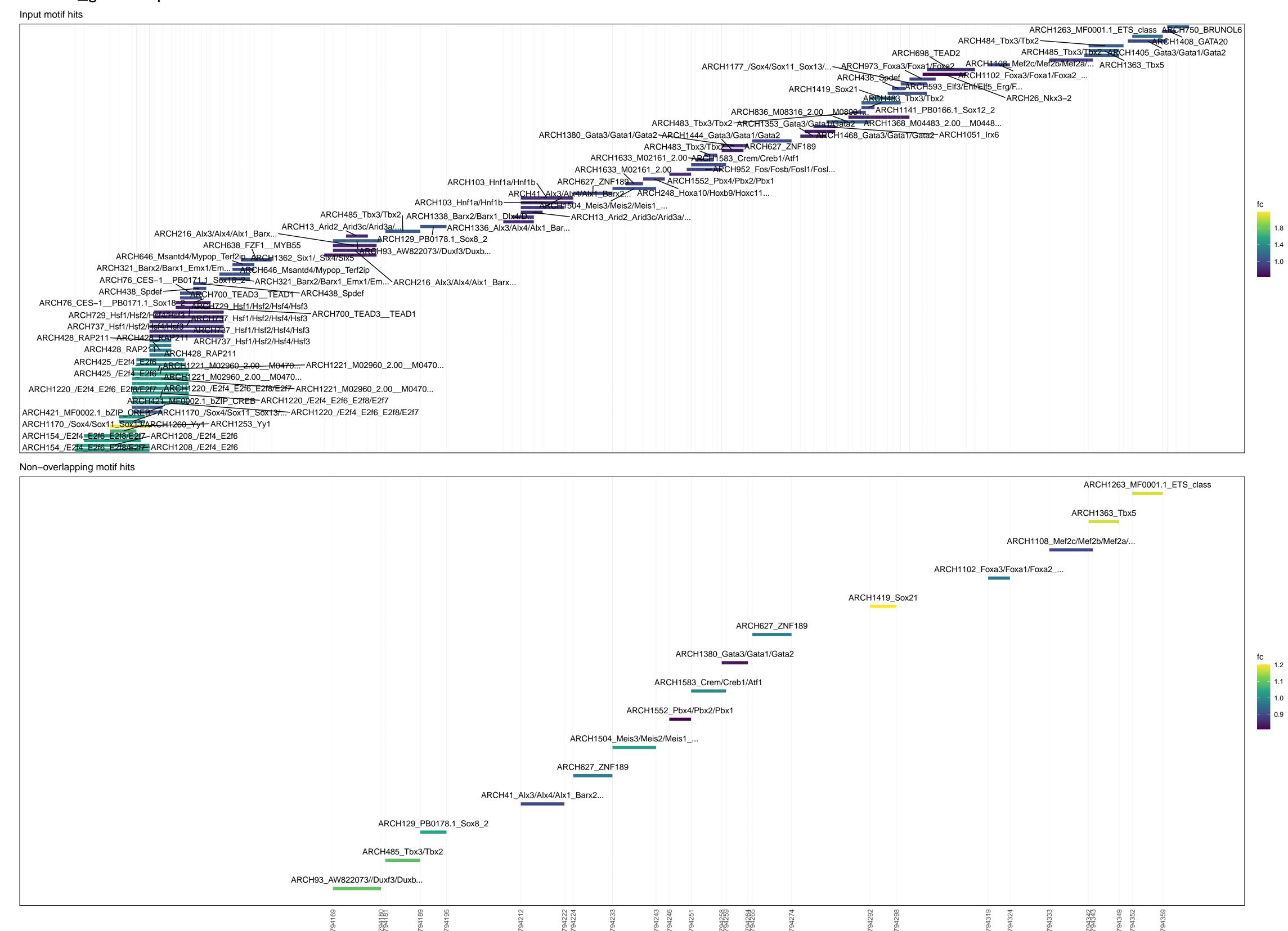












neuronal_gastrula peak88976 Input motif hits

