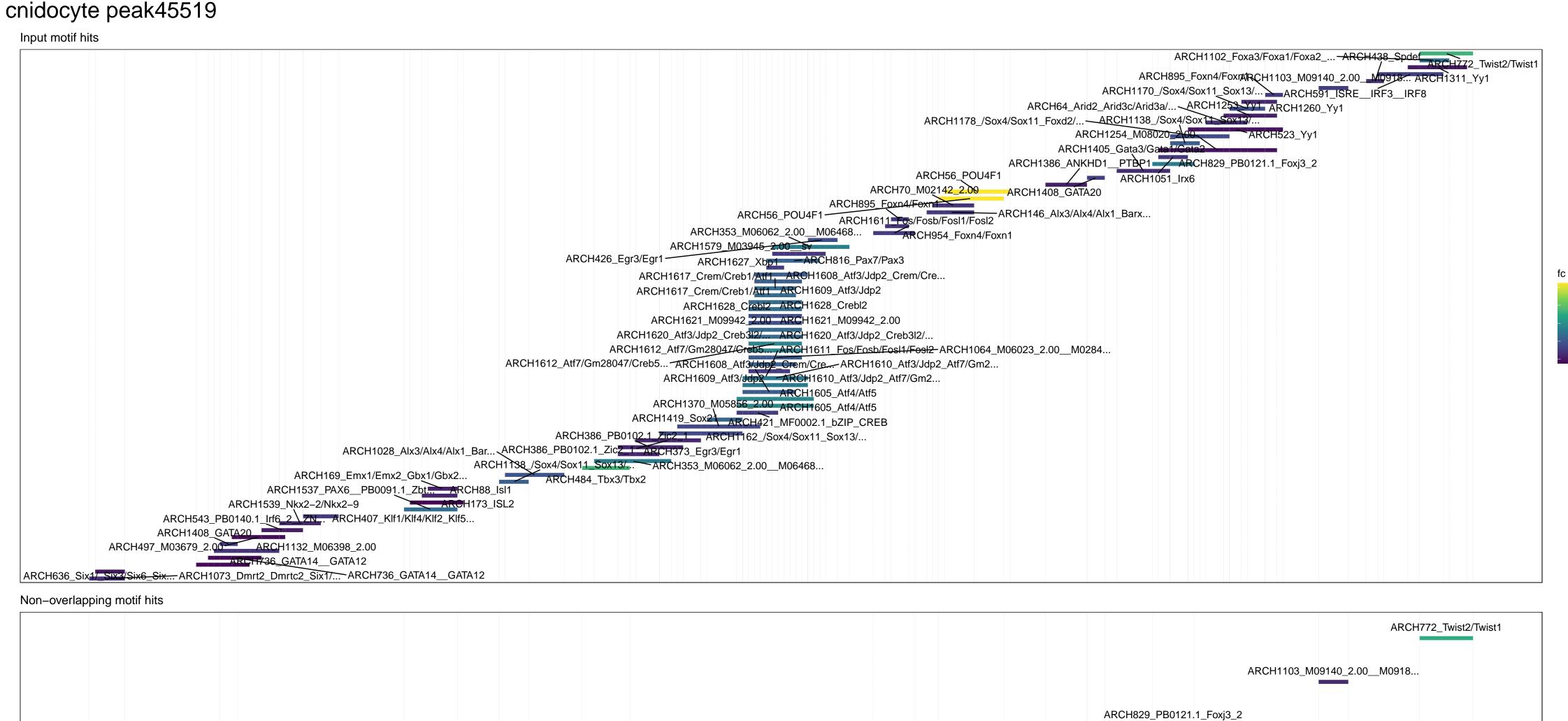
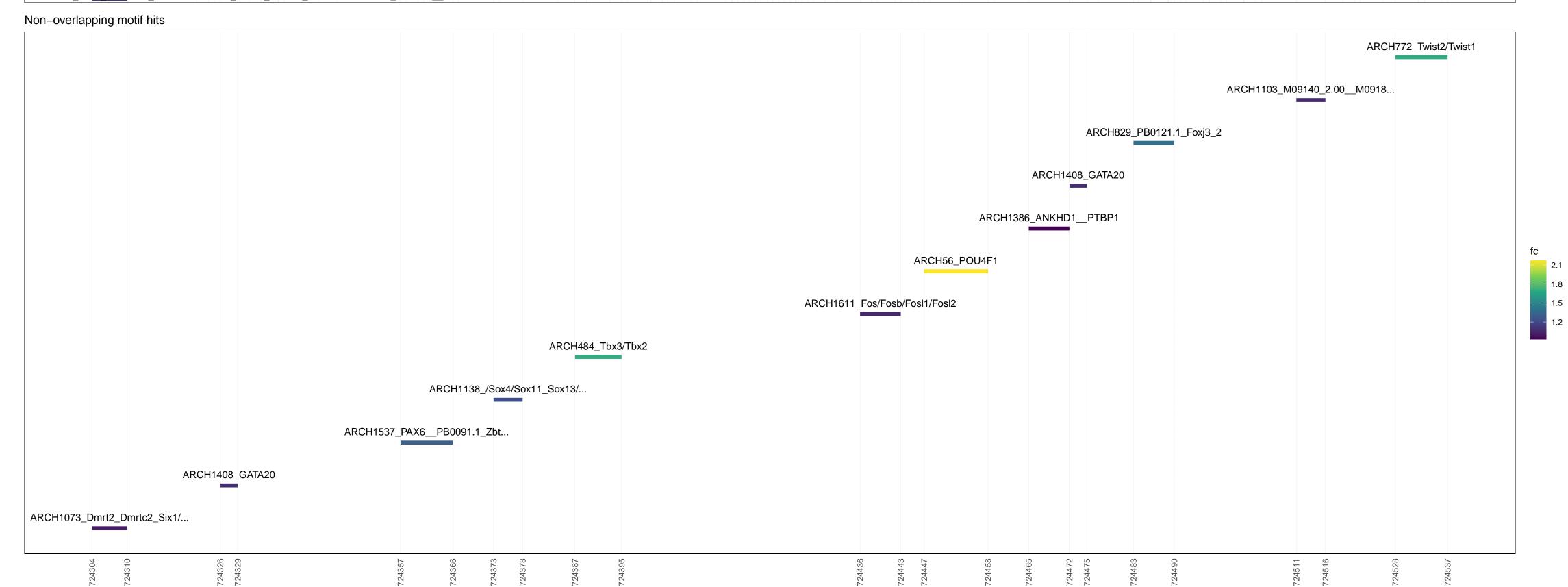
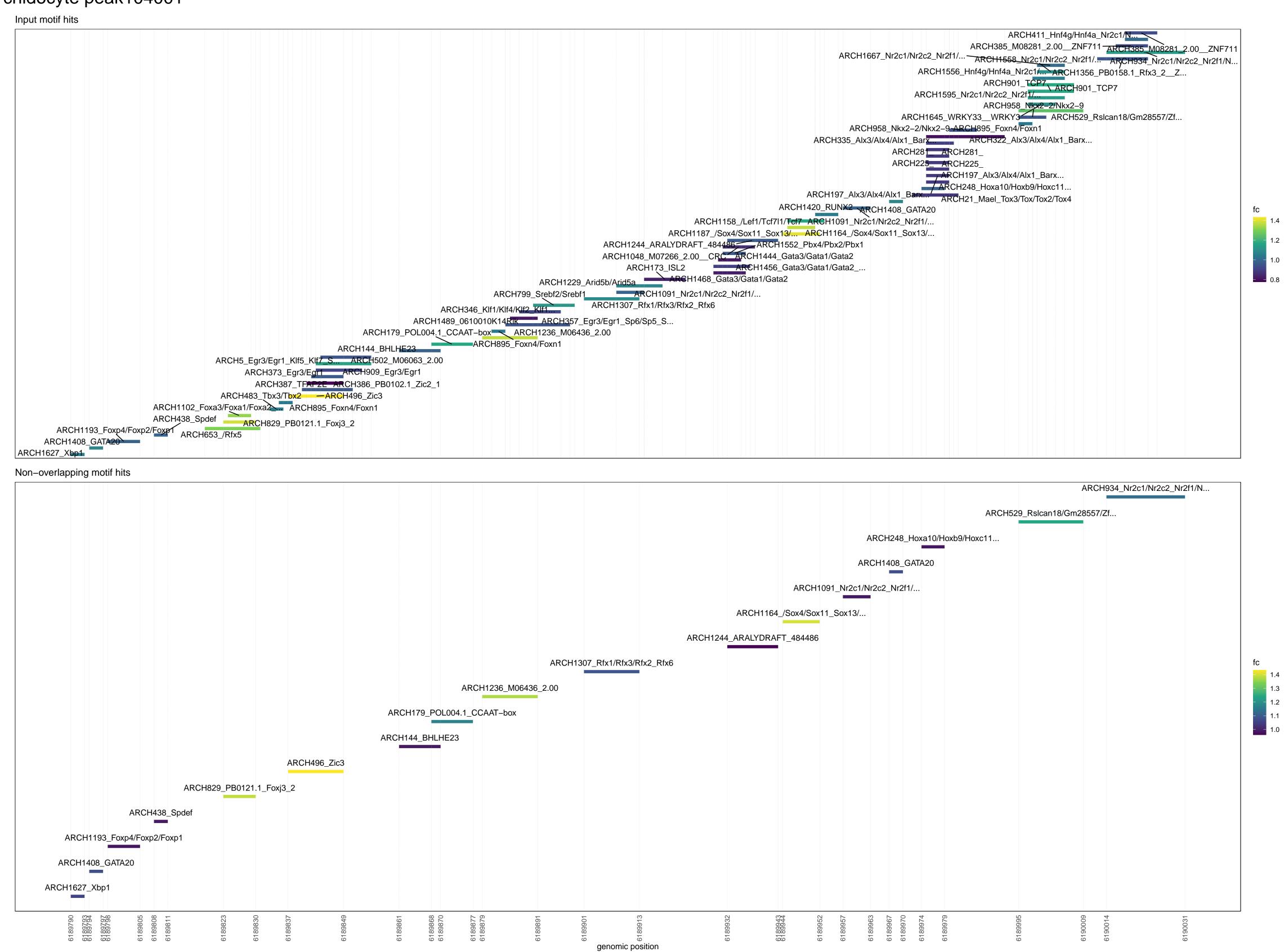


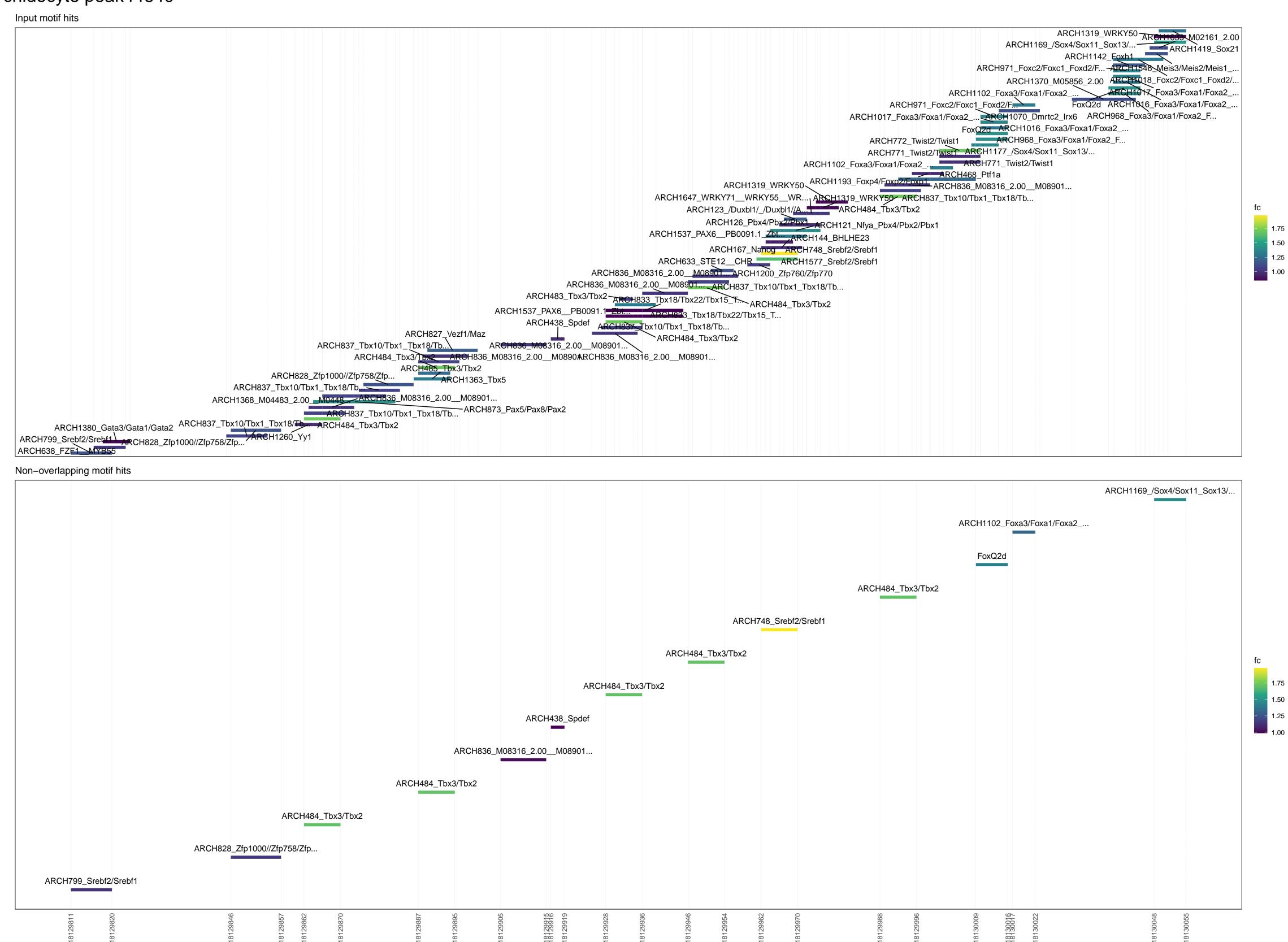
genomic position

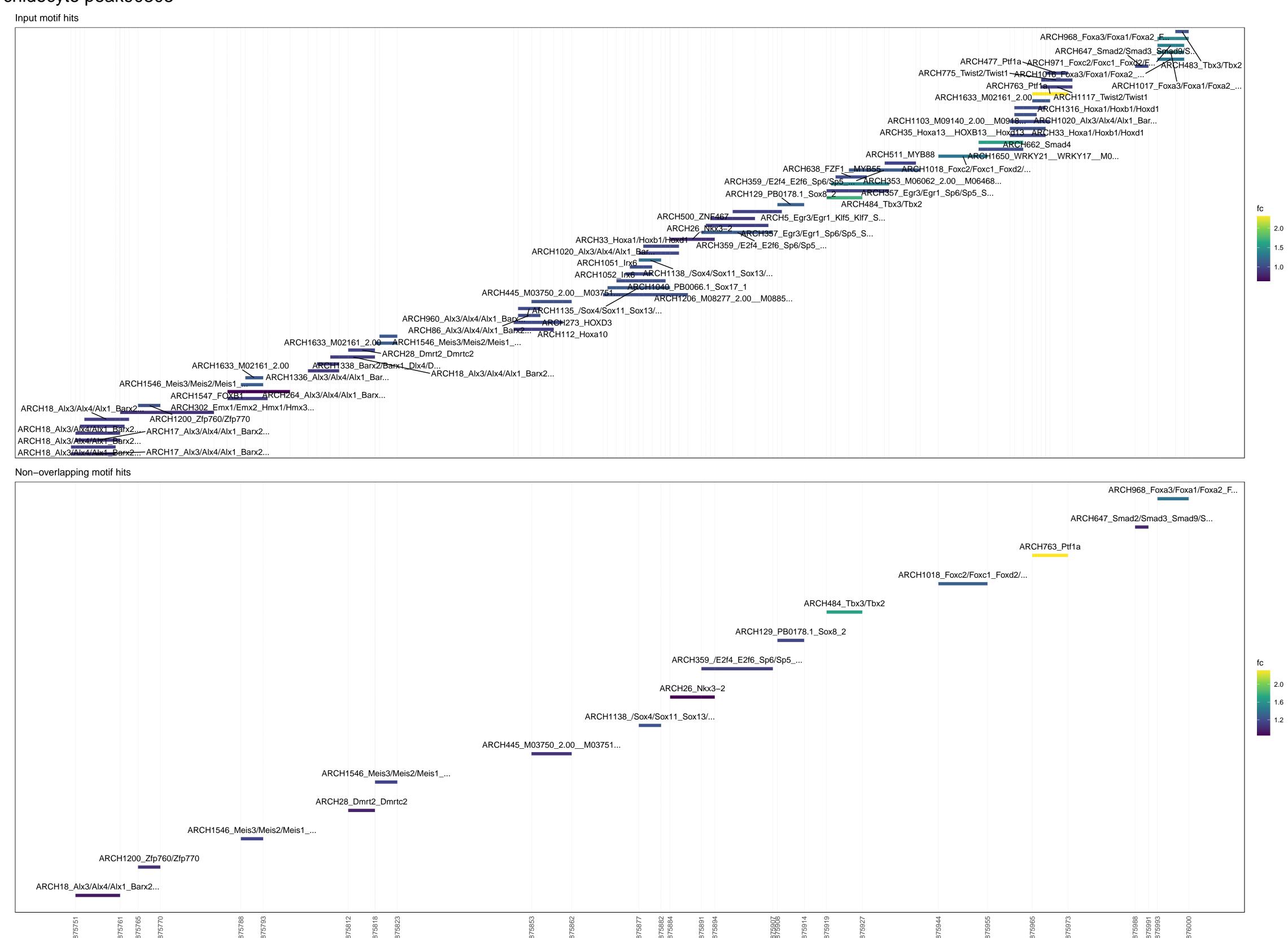


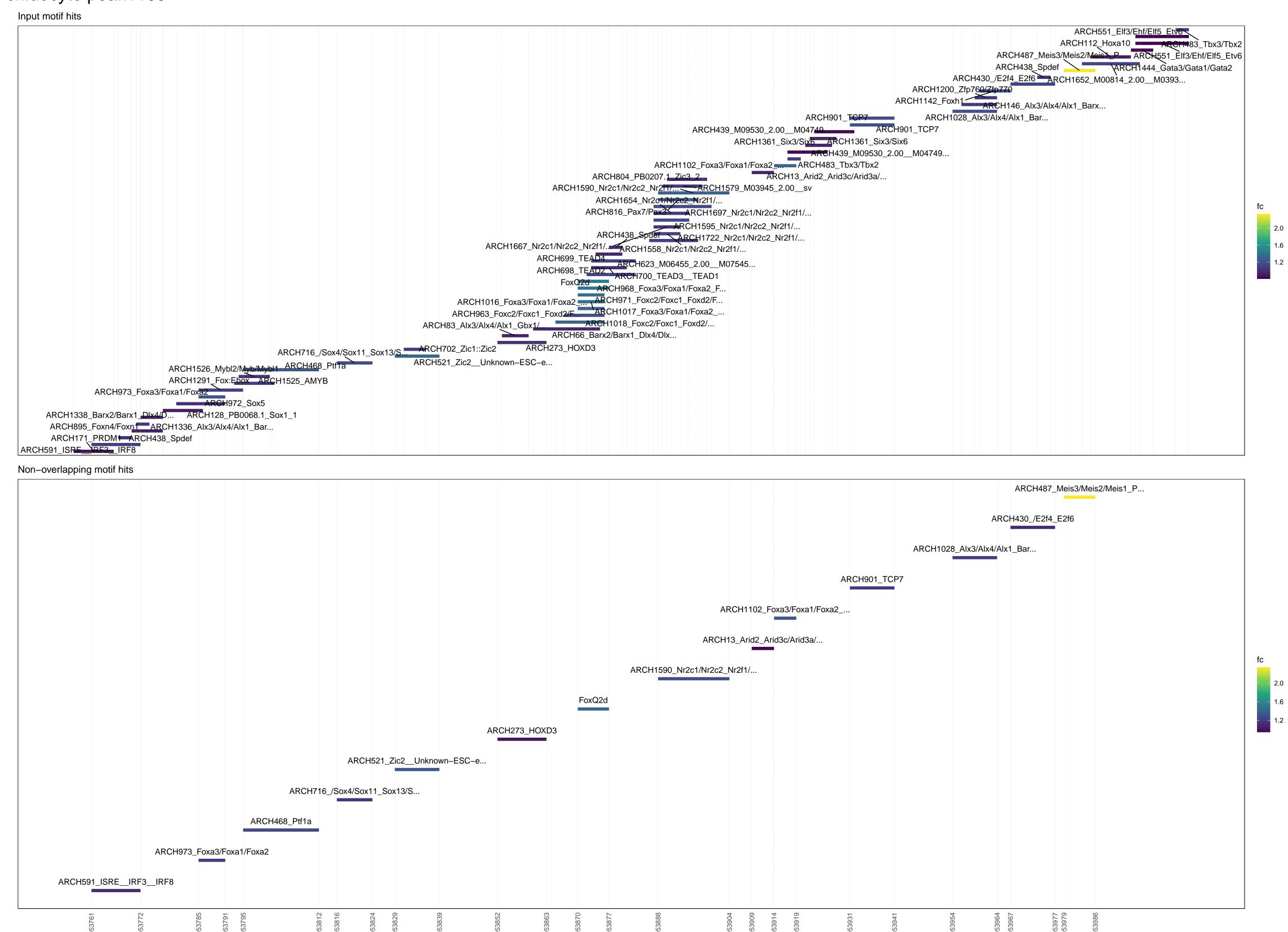


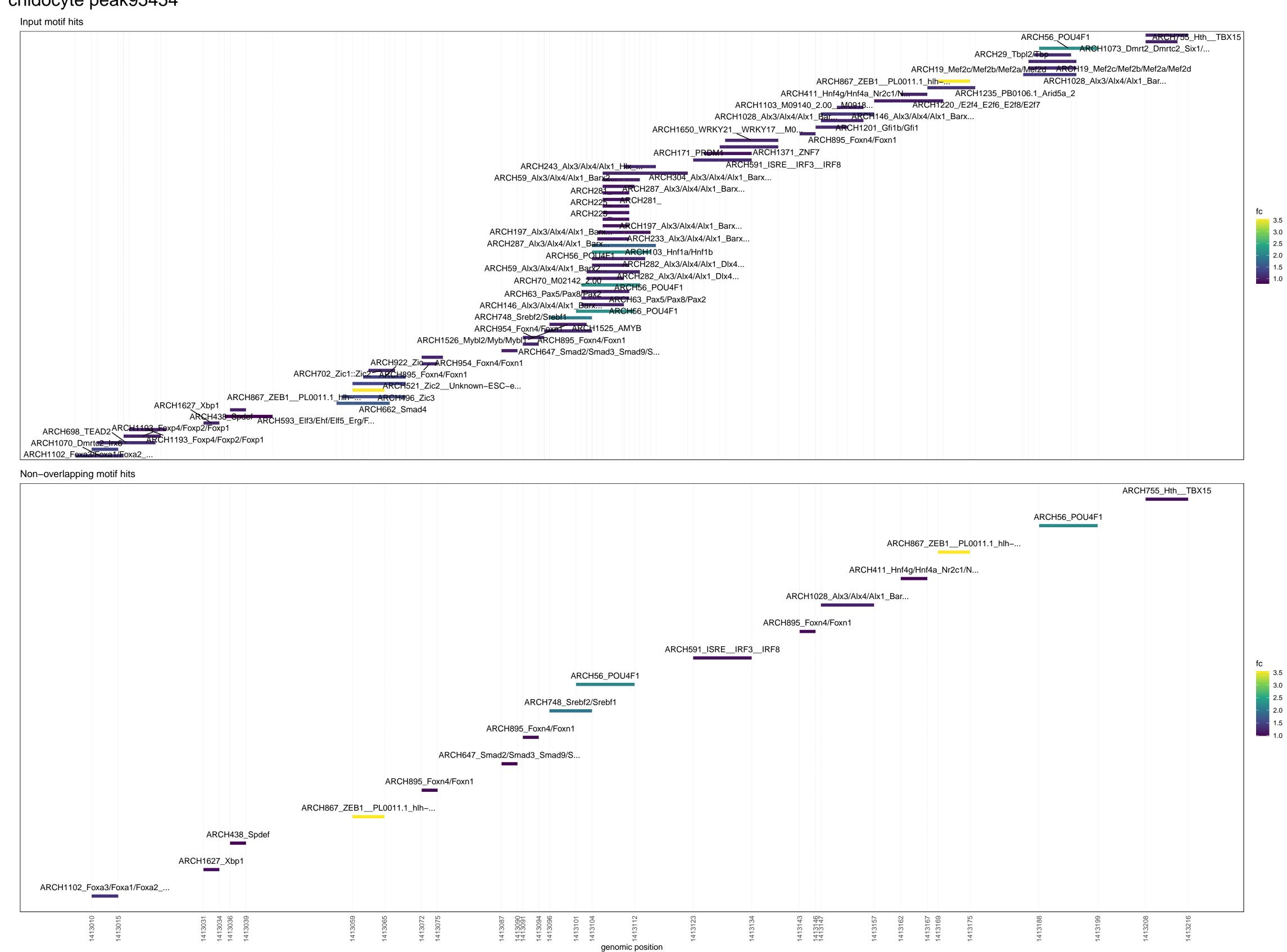
1.2

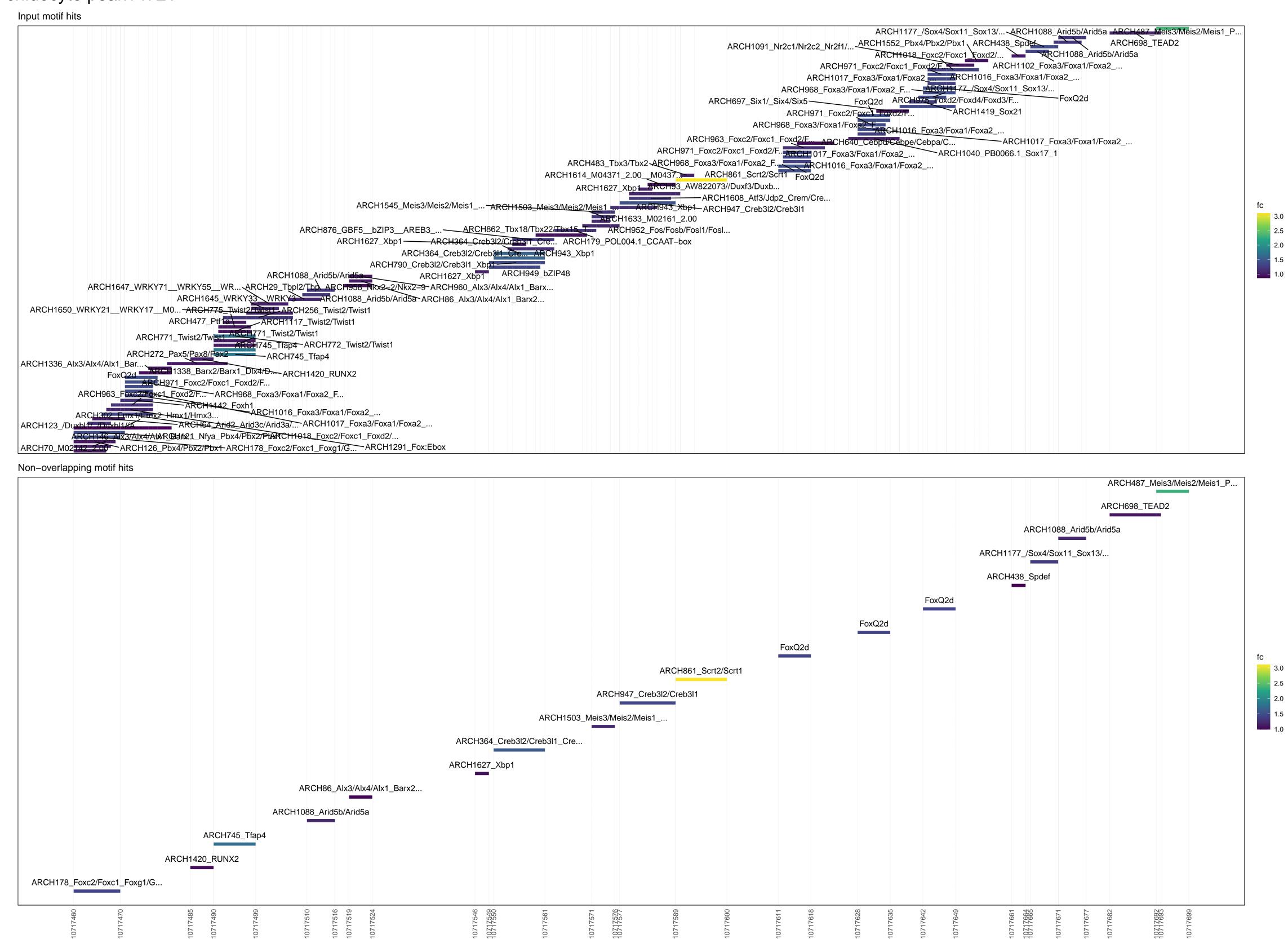




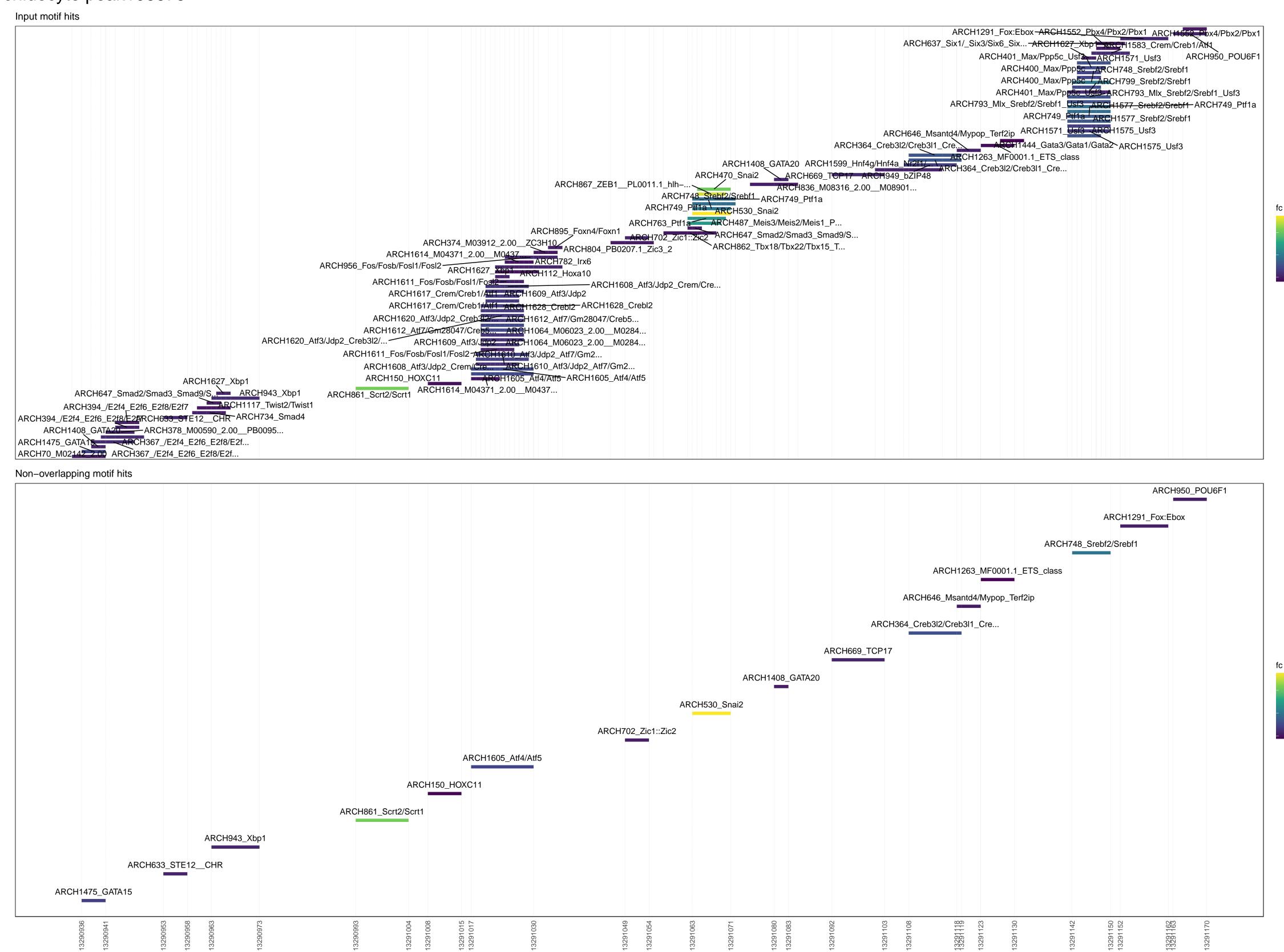




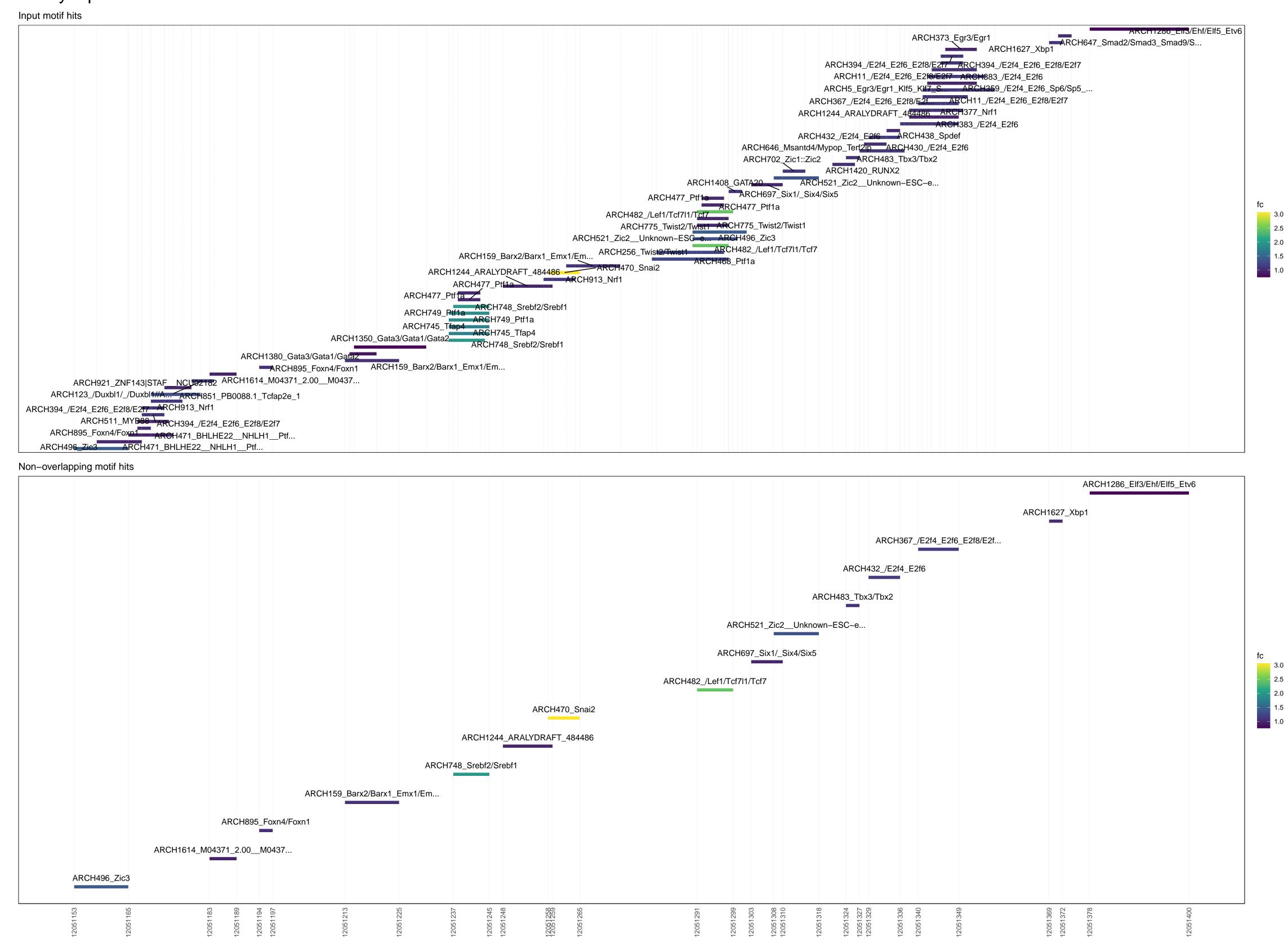


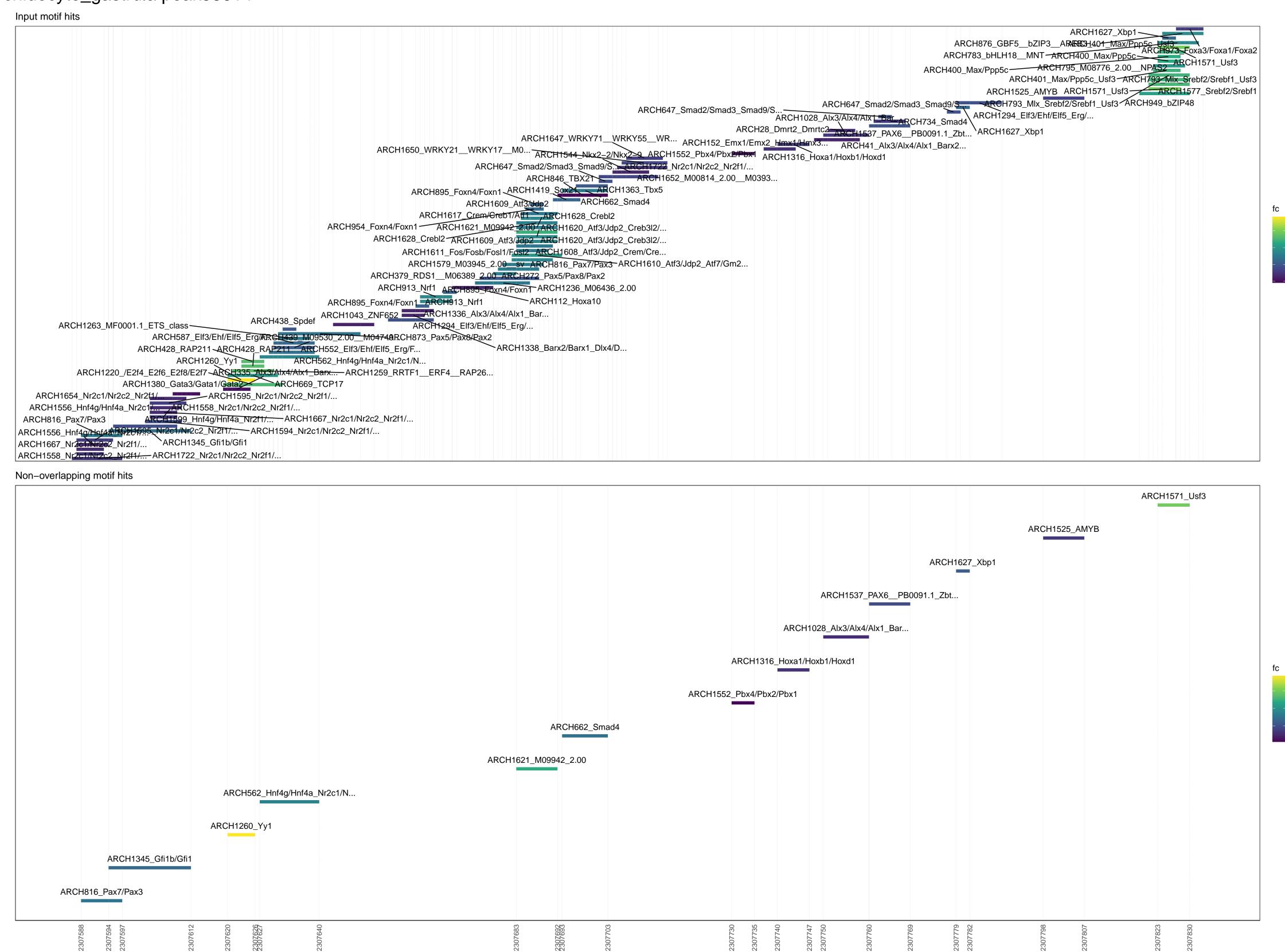


genomic position



genomic position





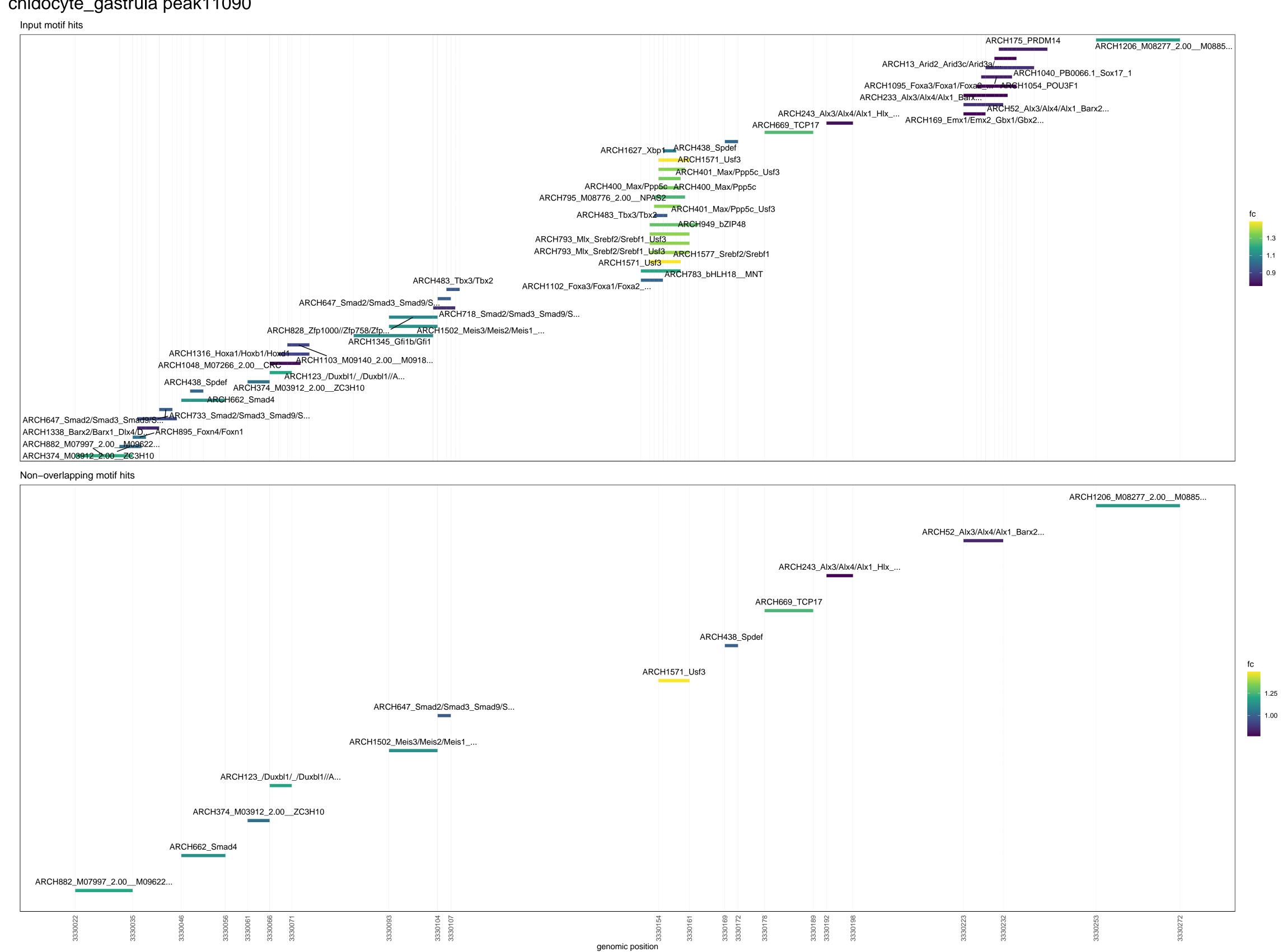
genomic position

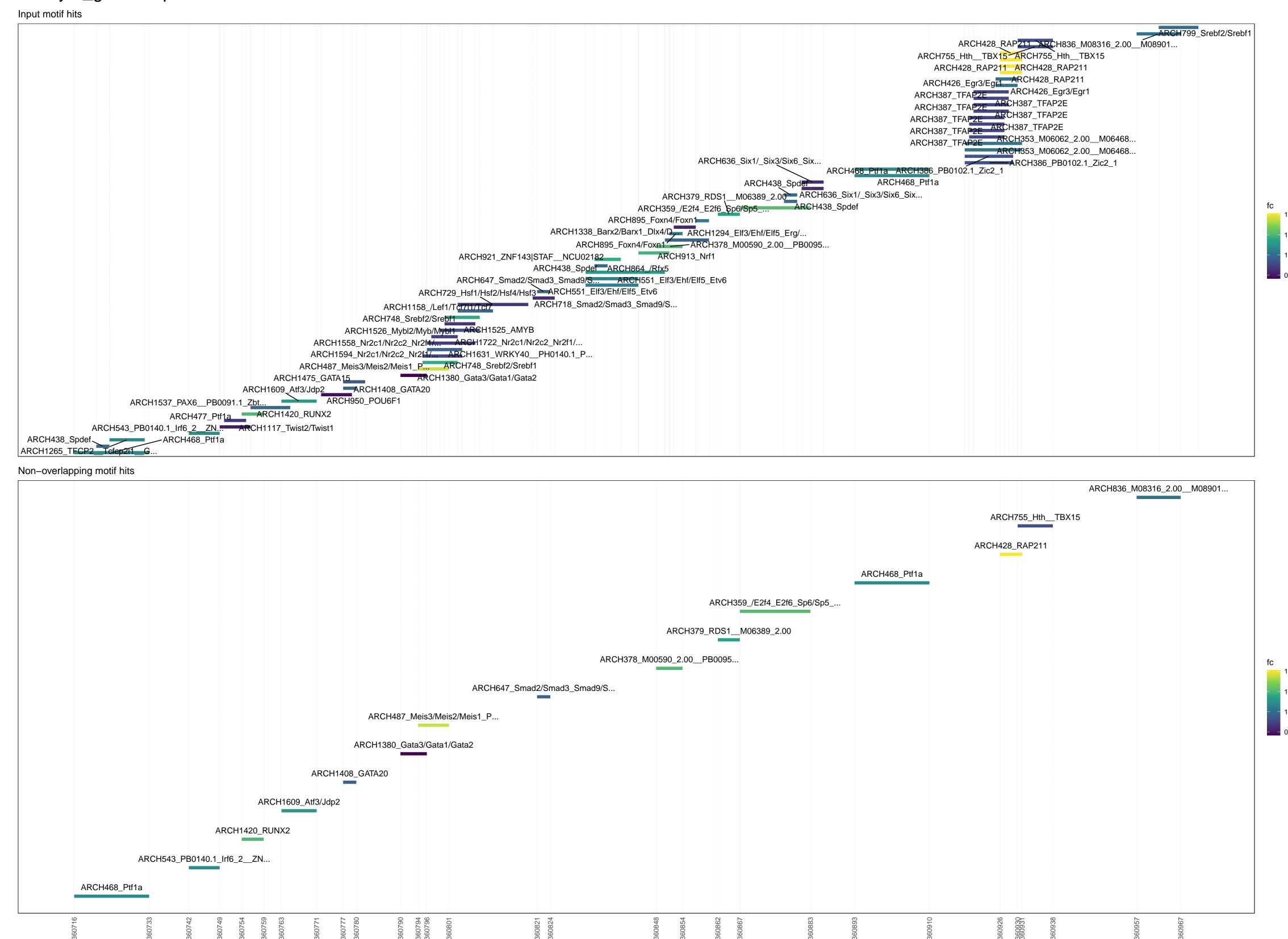
1.25

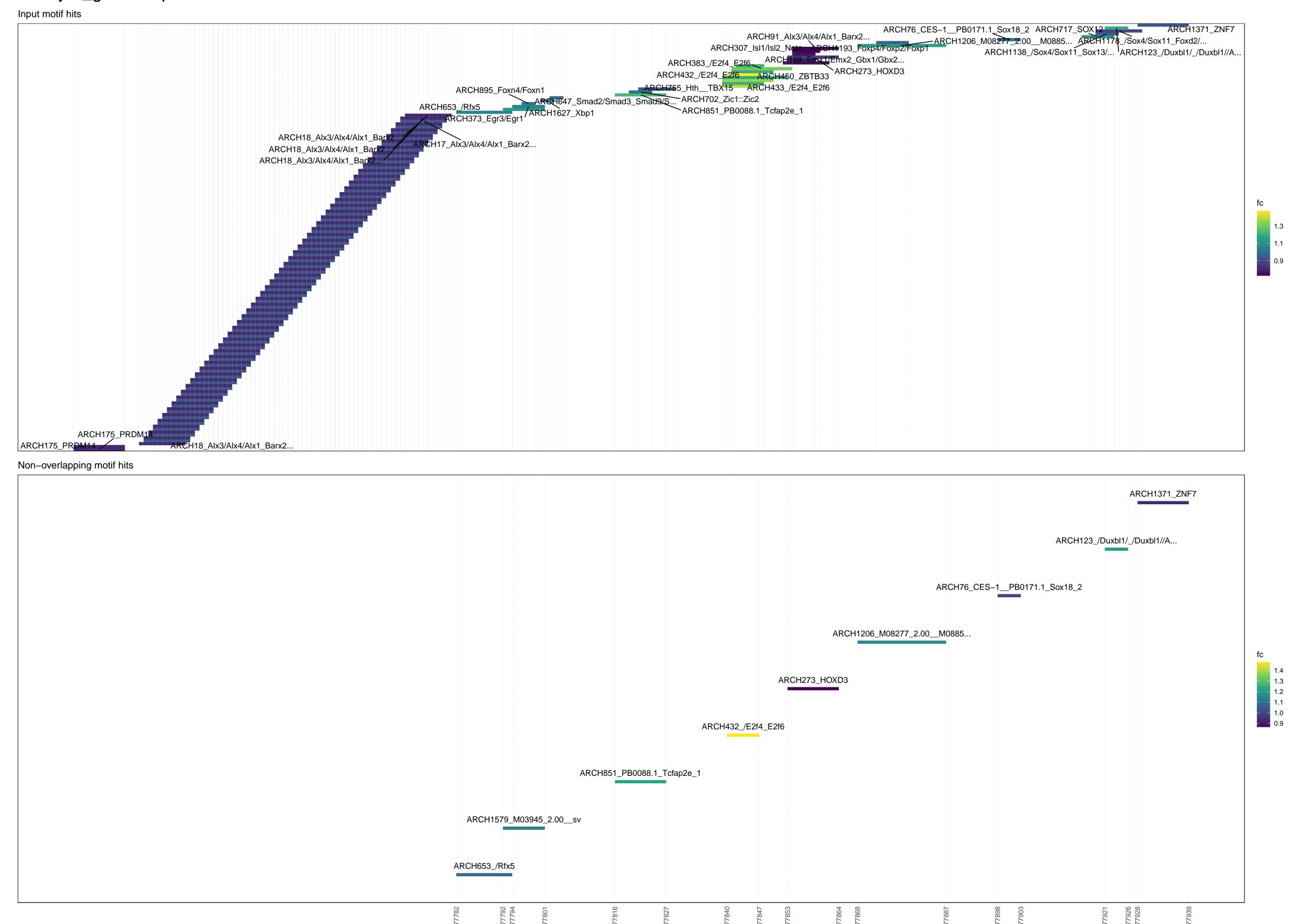
1.50

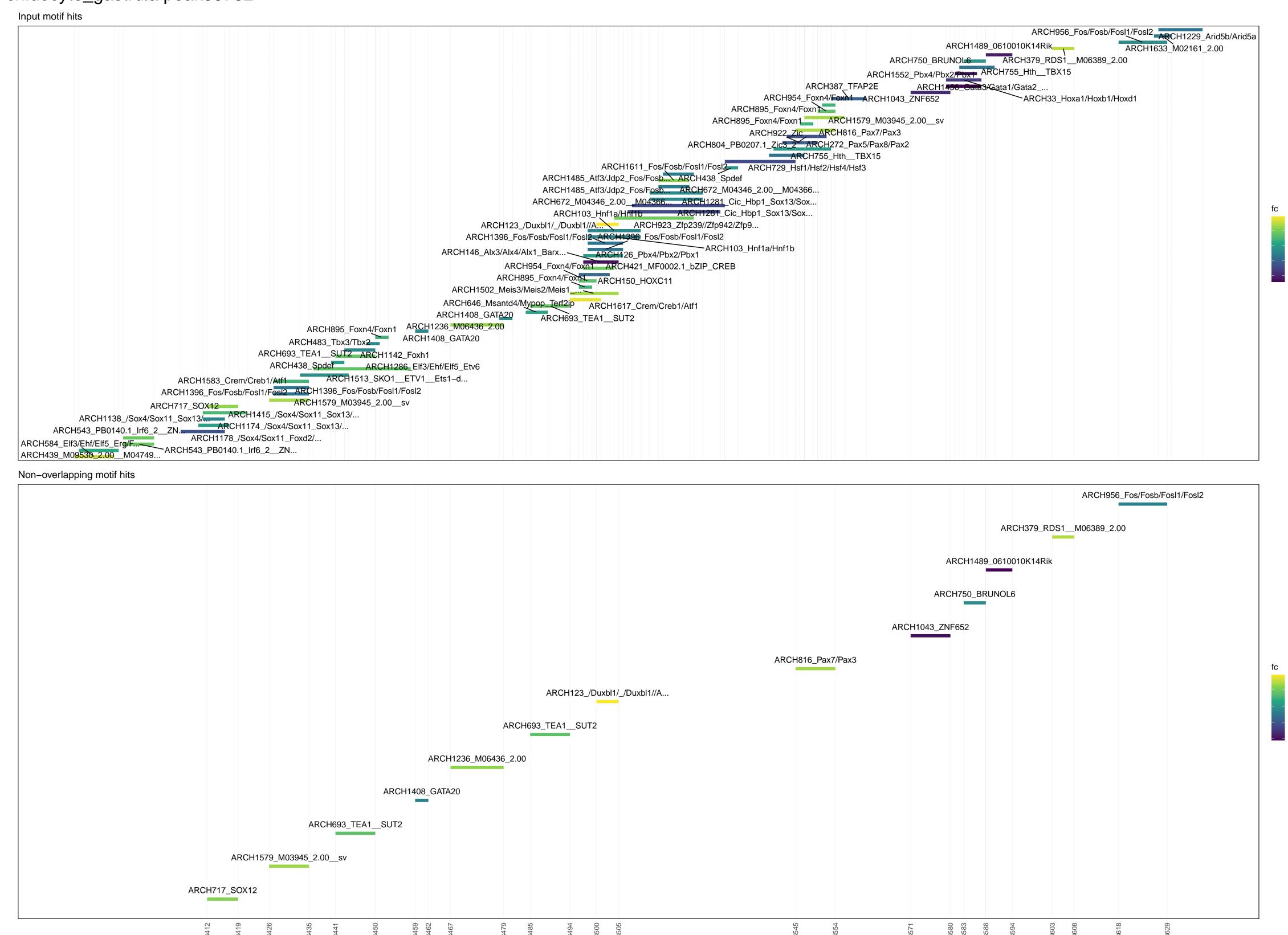
1.25

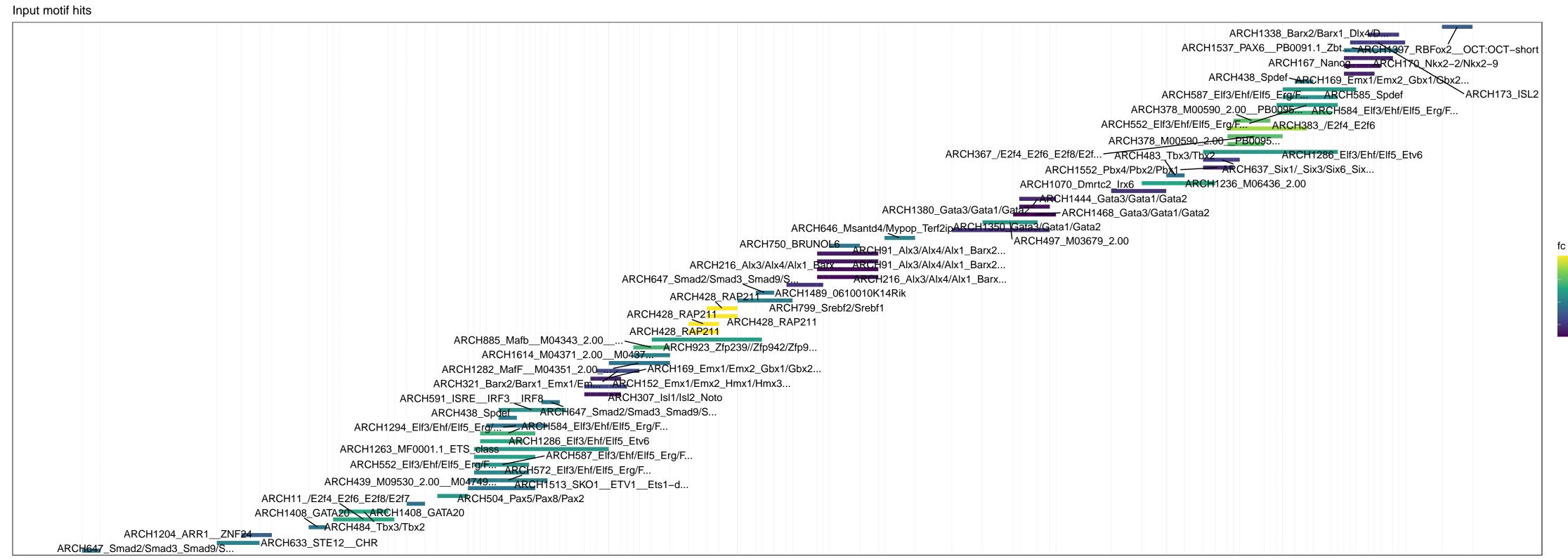
1.00







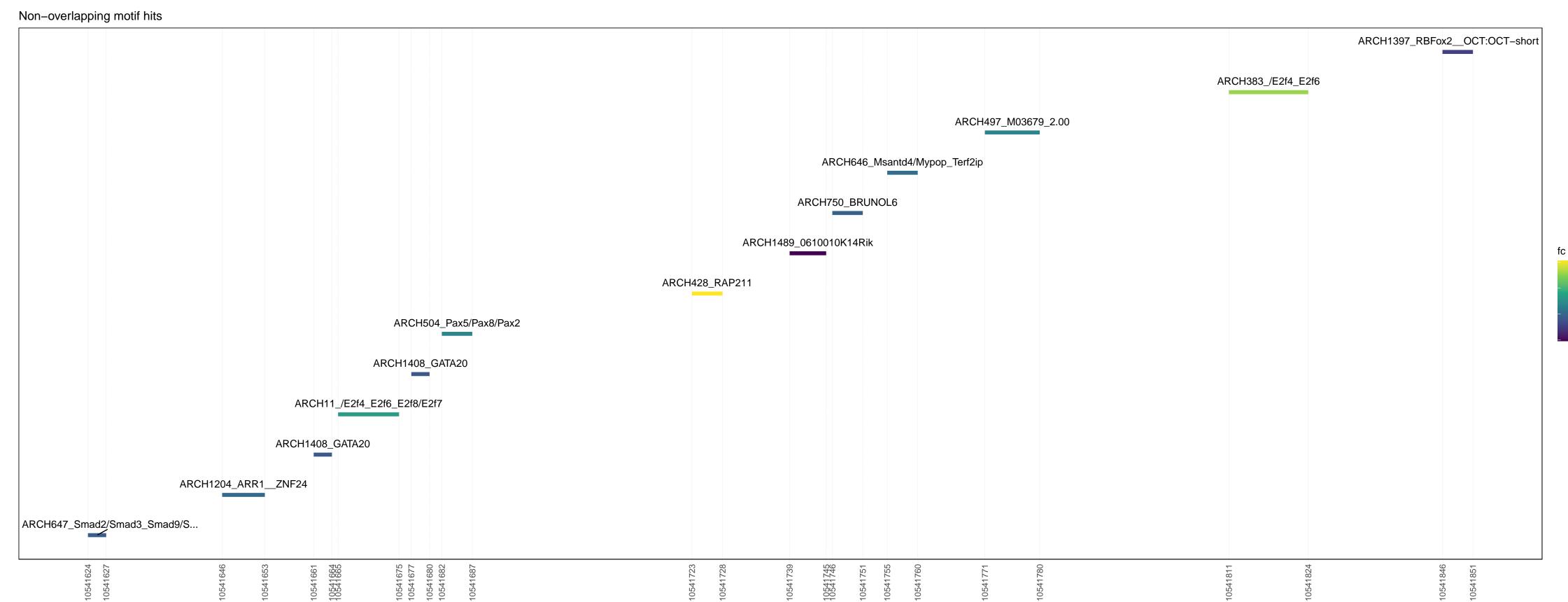


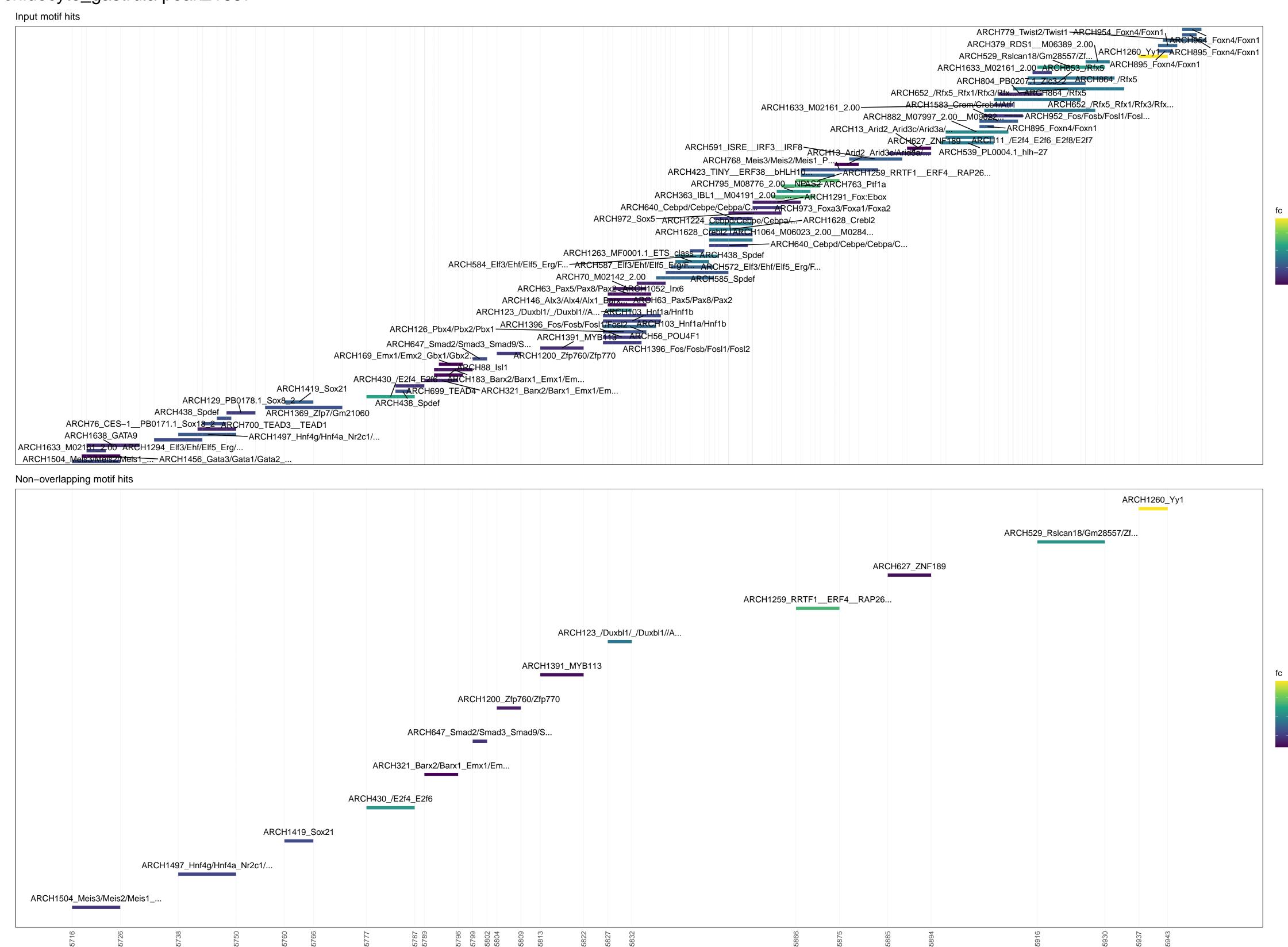


1.2

1.2

1.0



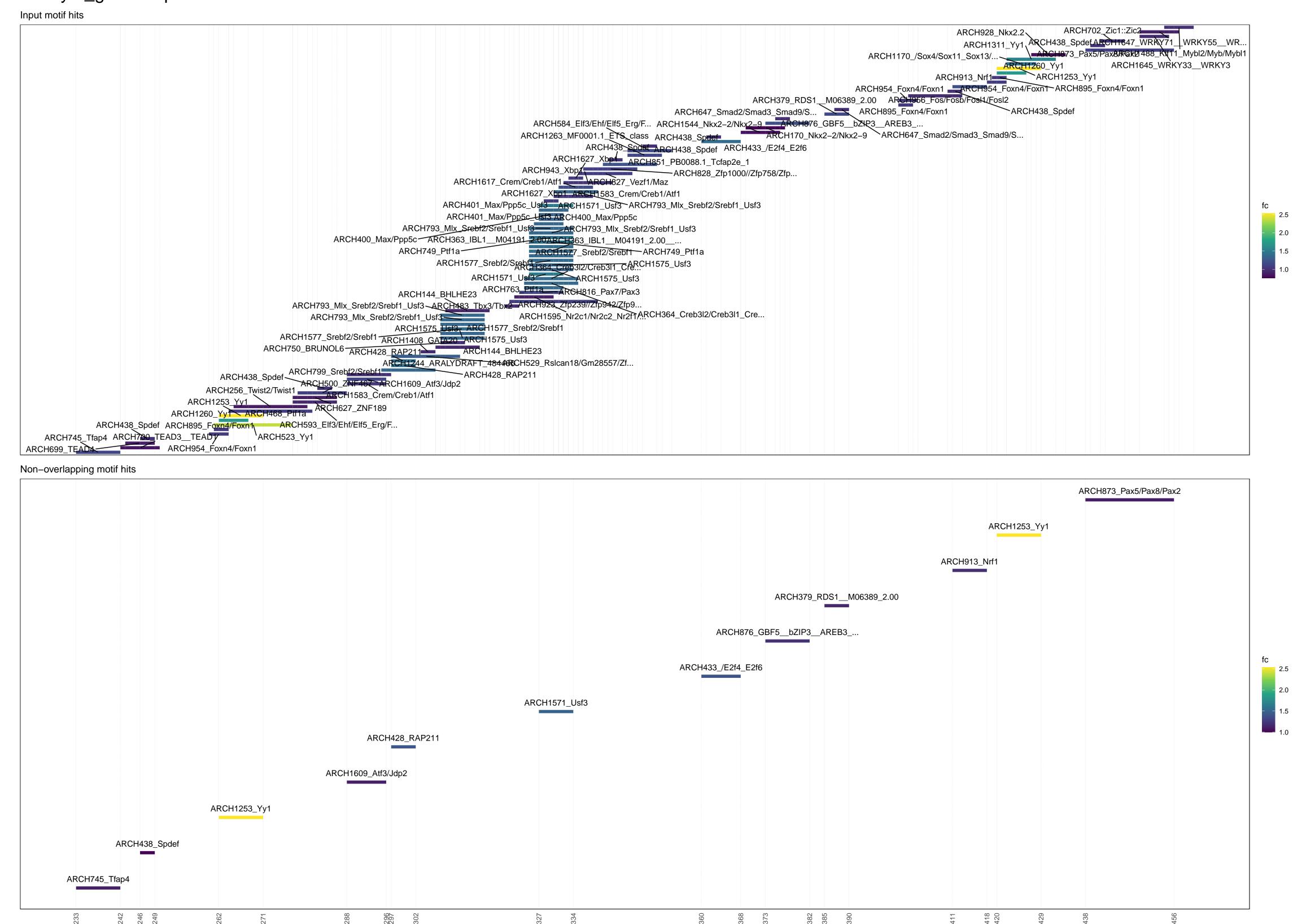


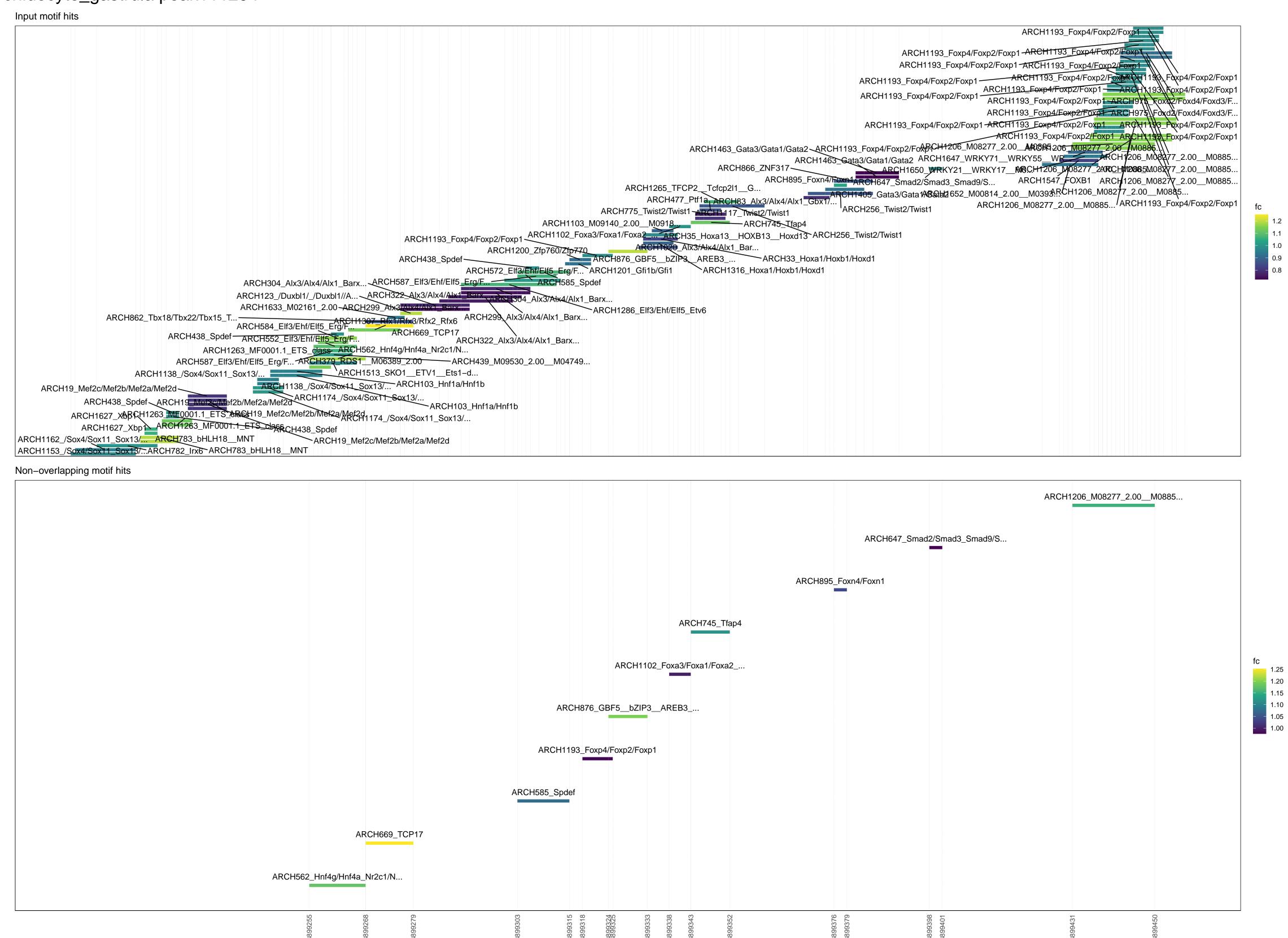
1.25

1.50

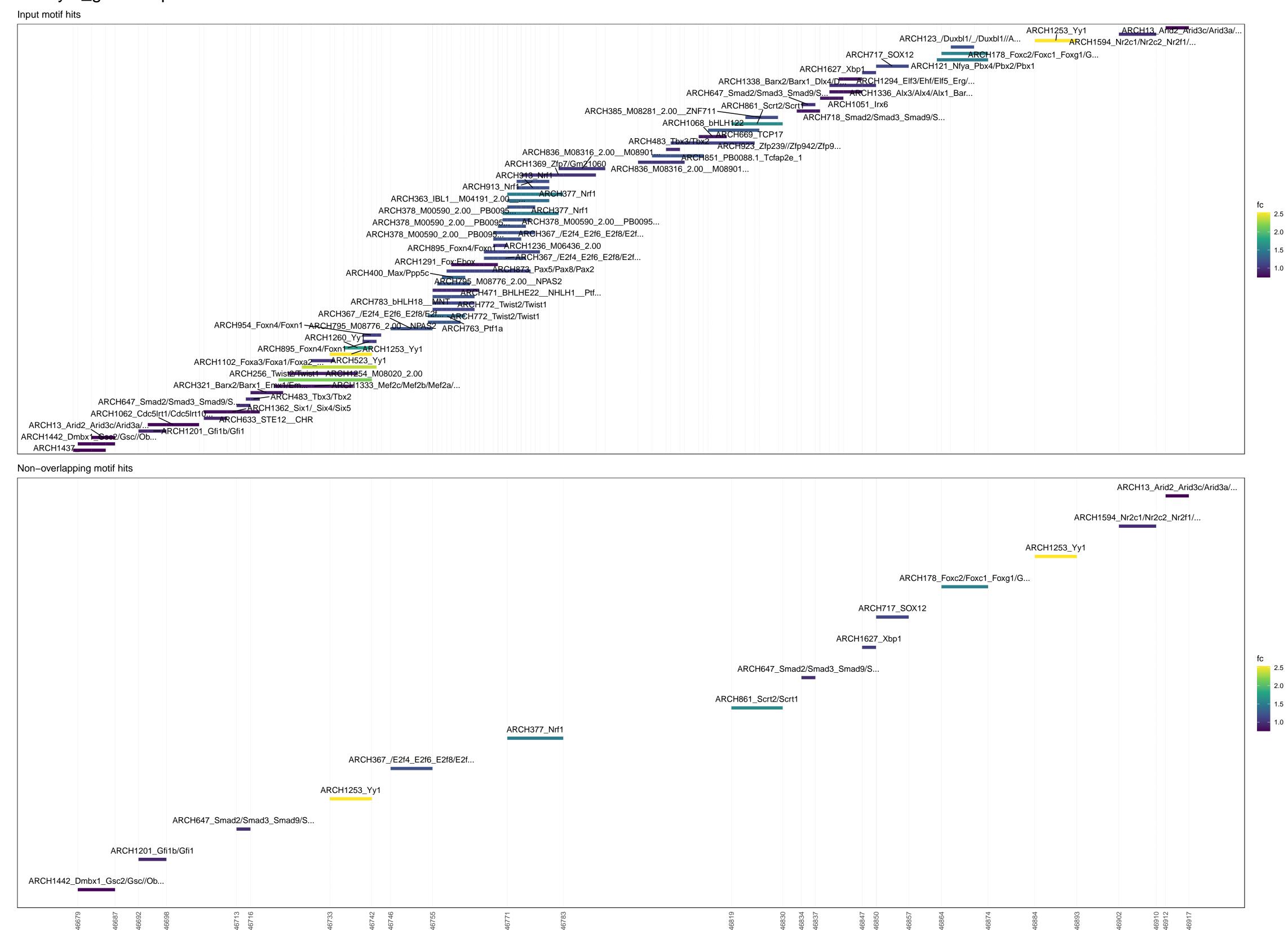
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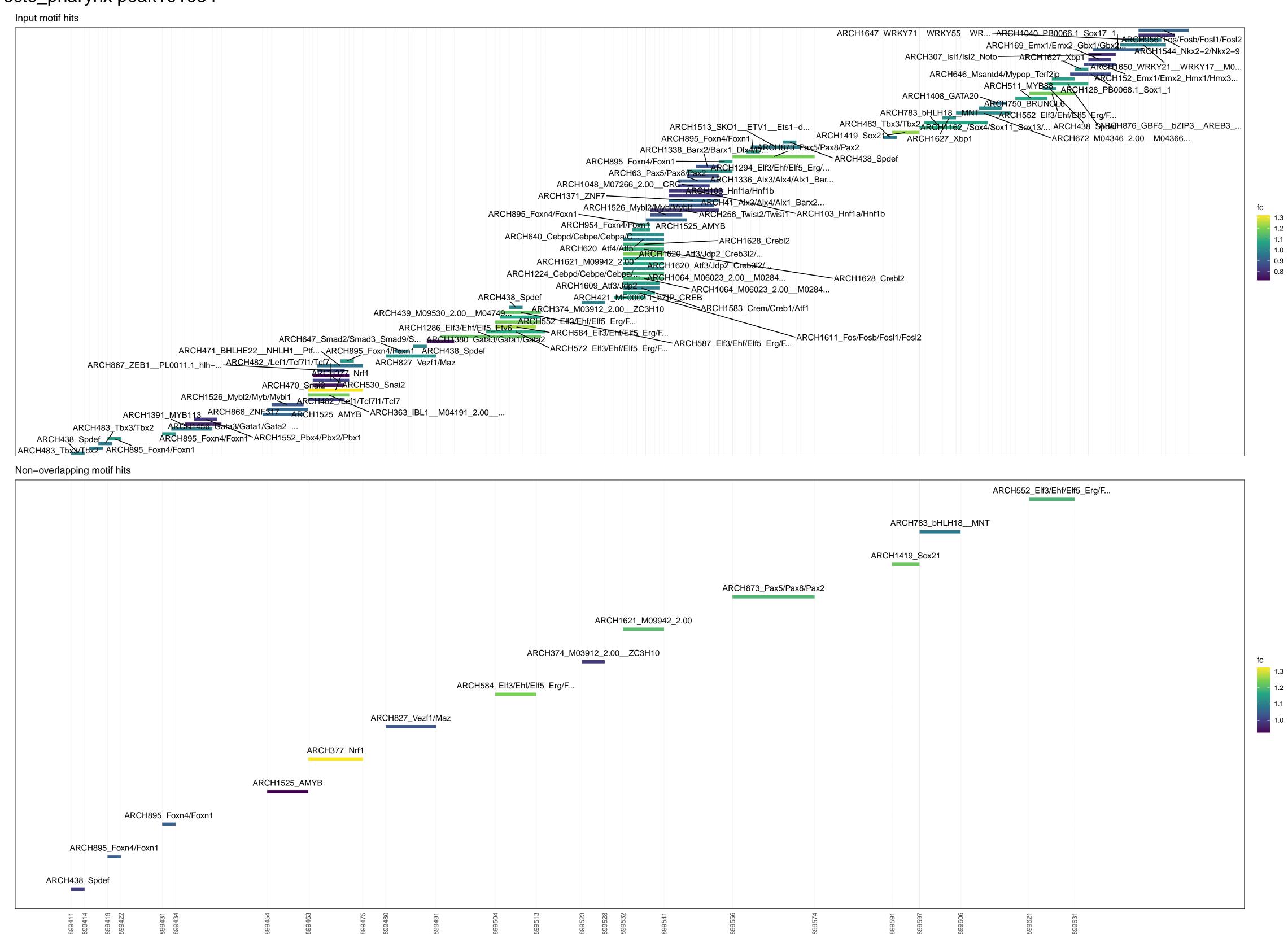
1.00

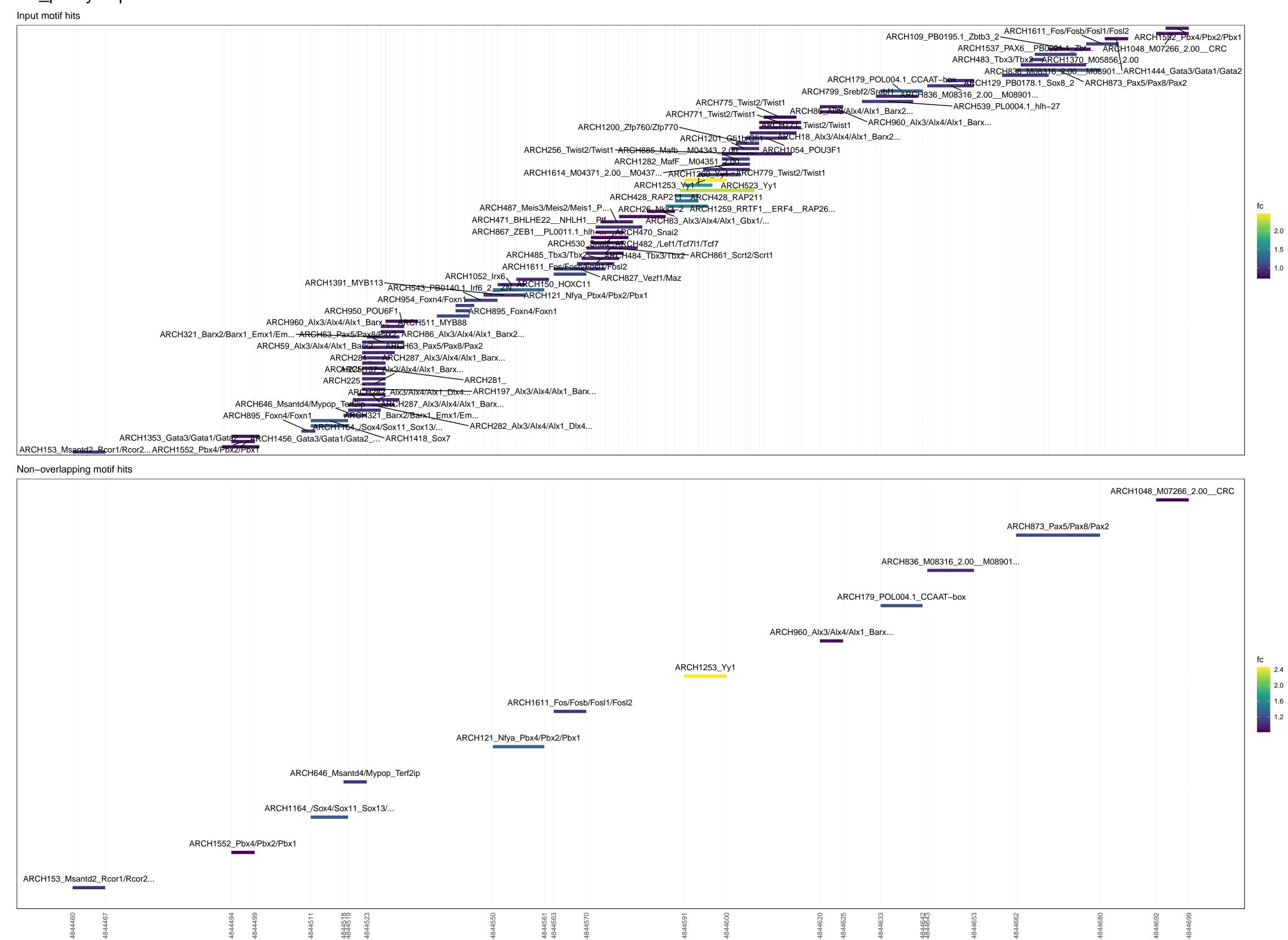


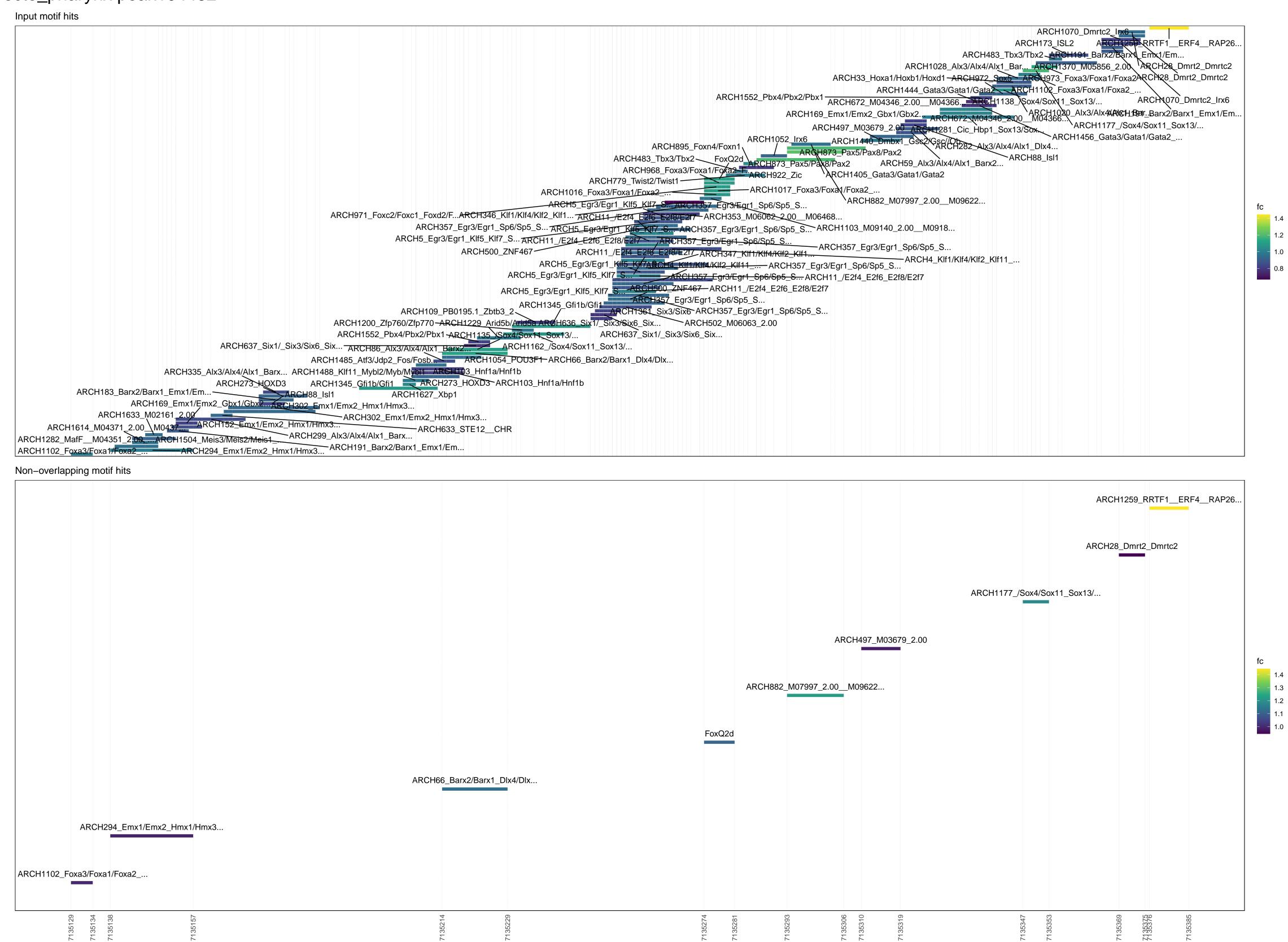


genomic position

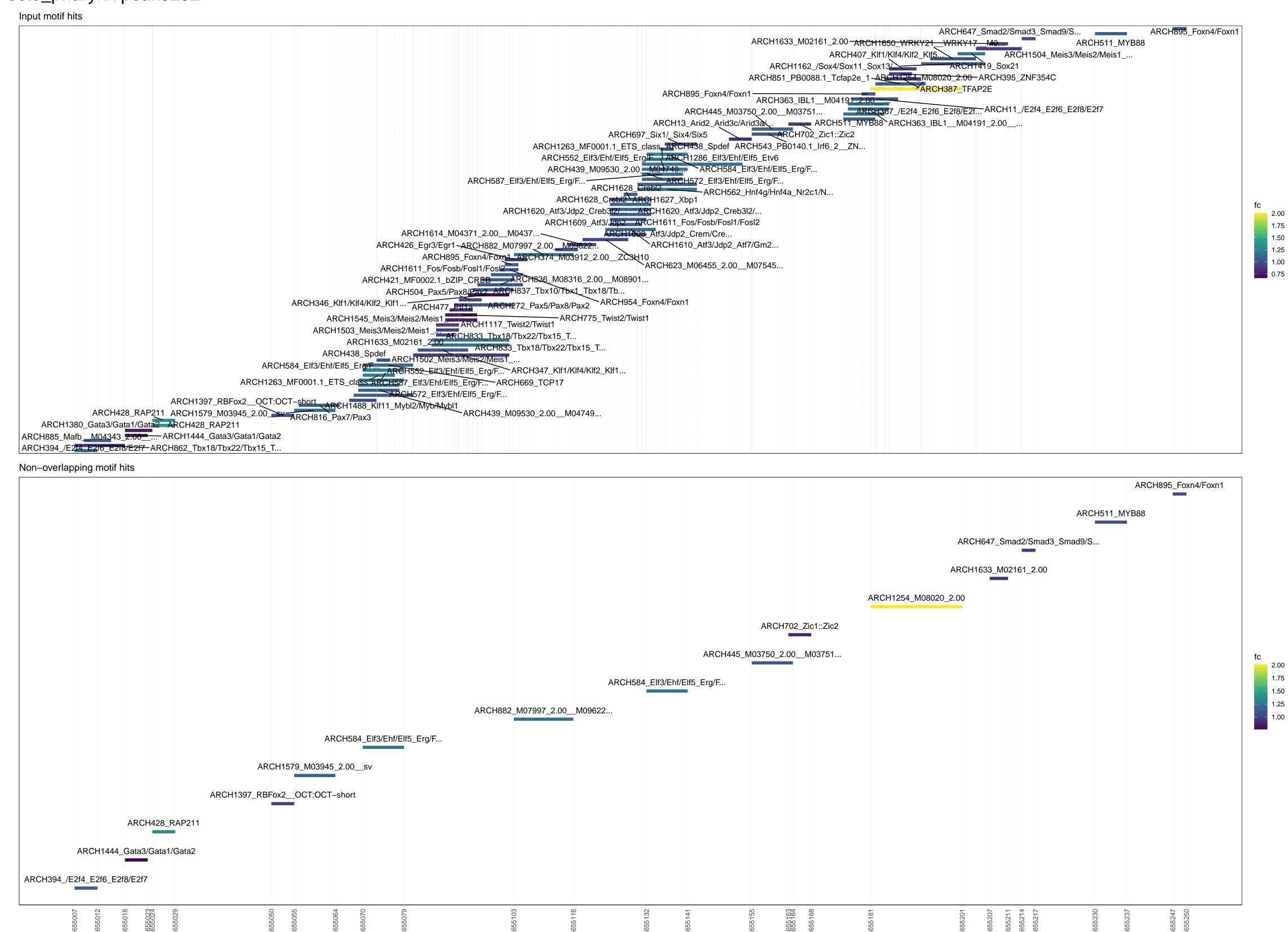


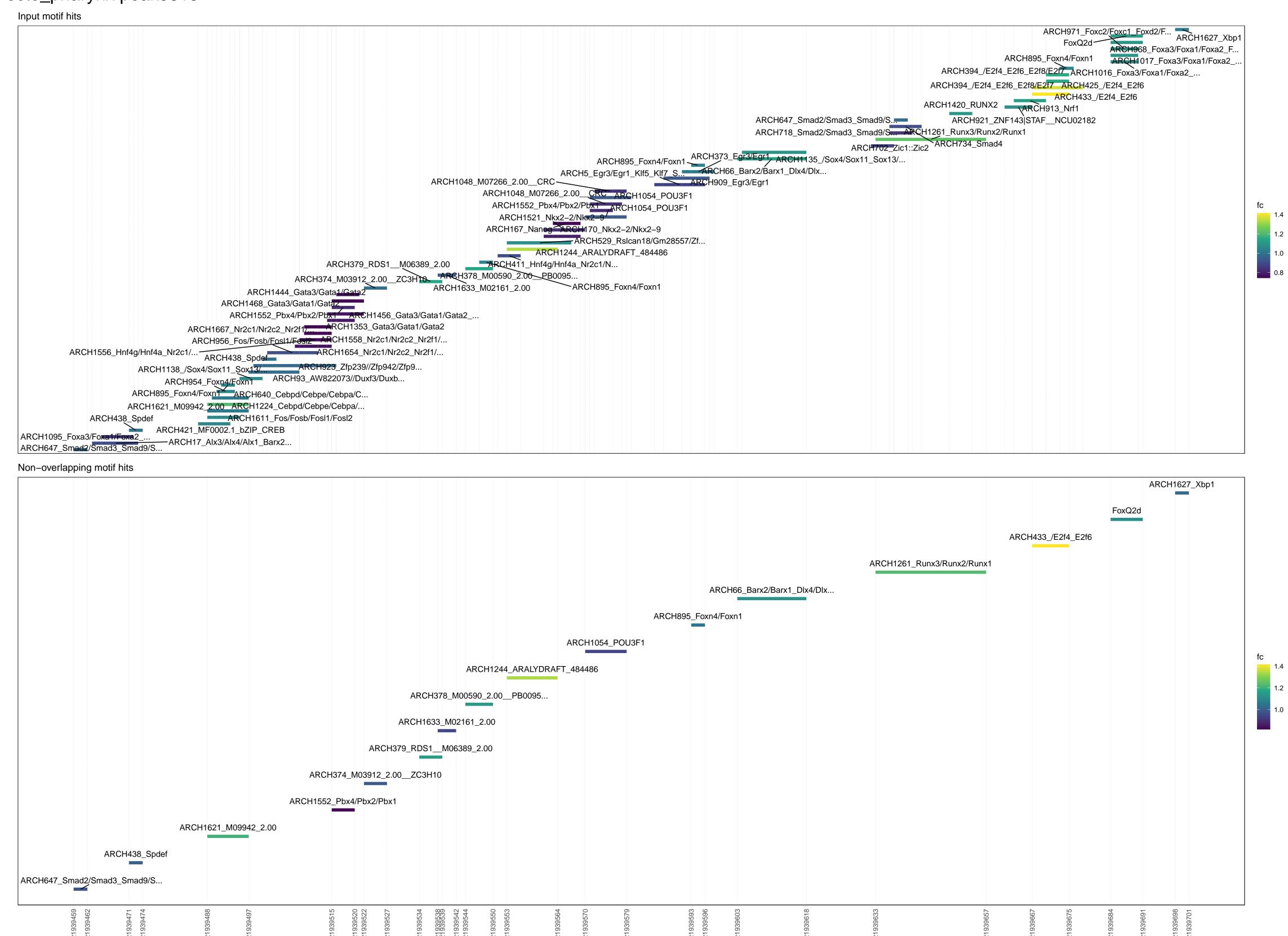




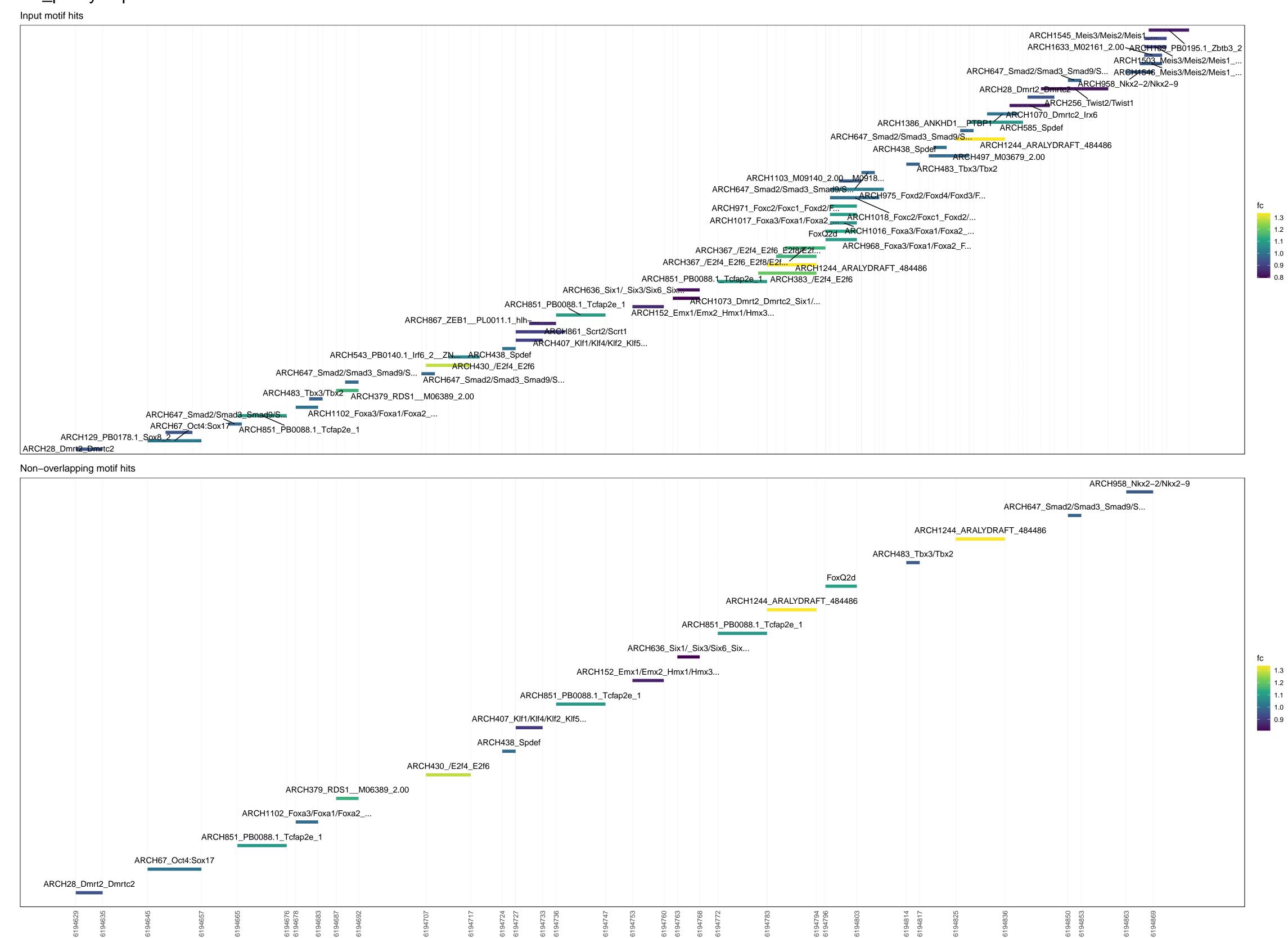


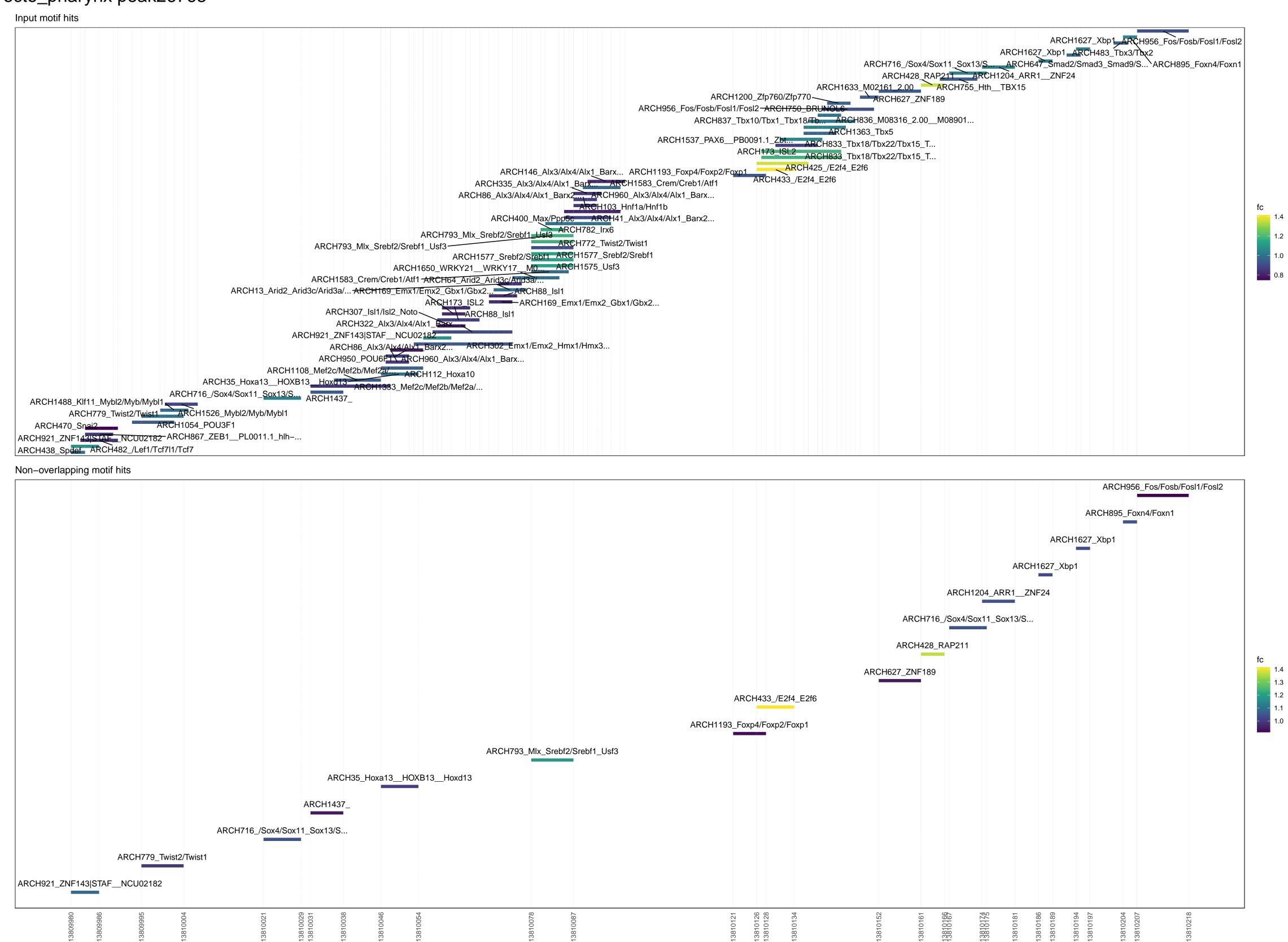
genomic position



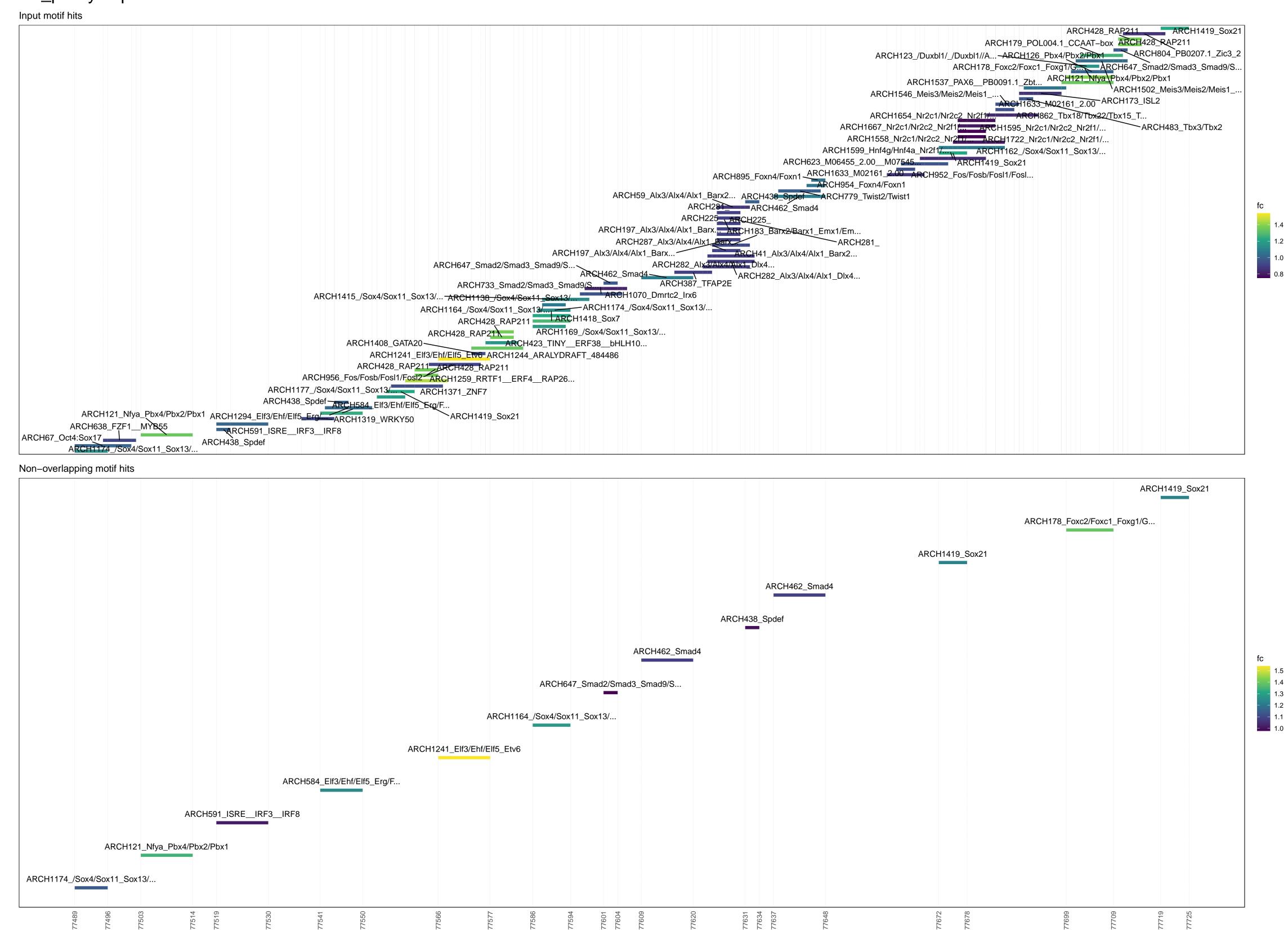


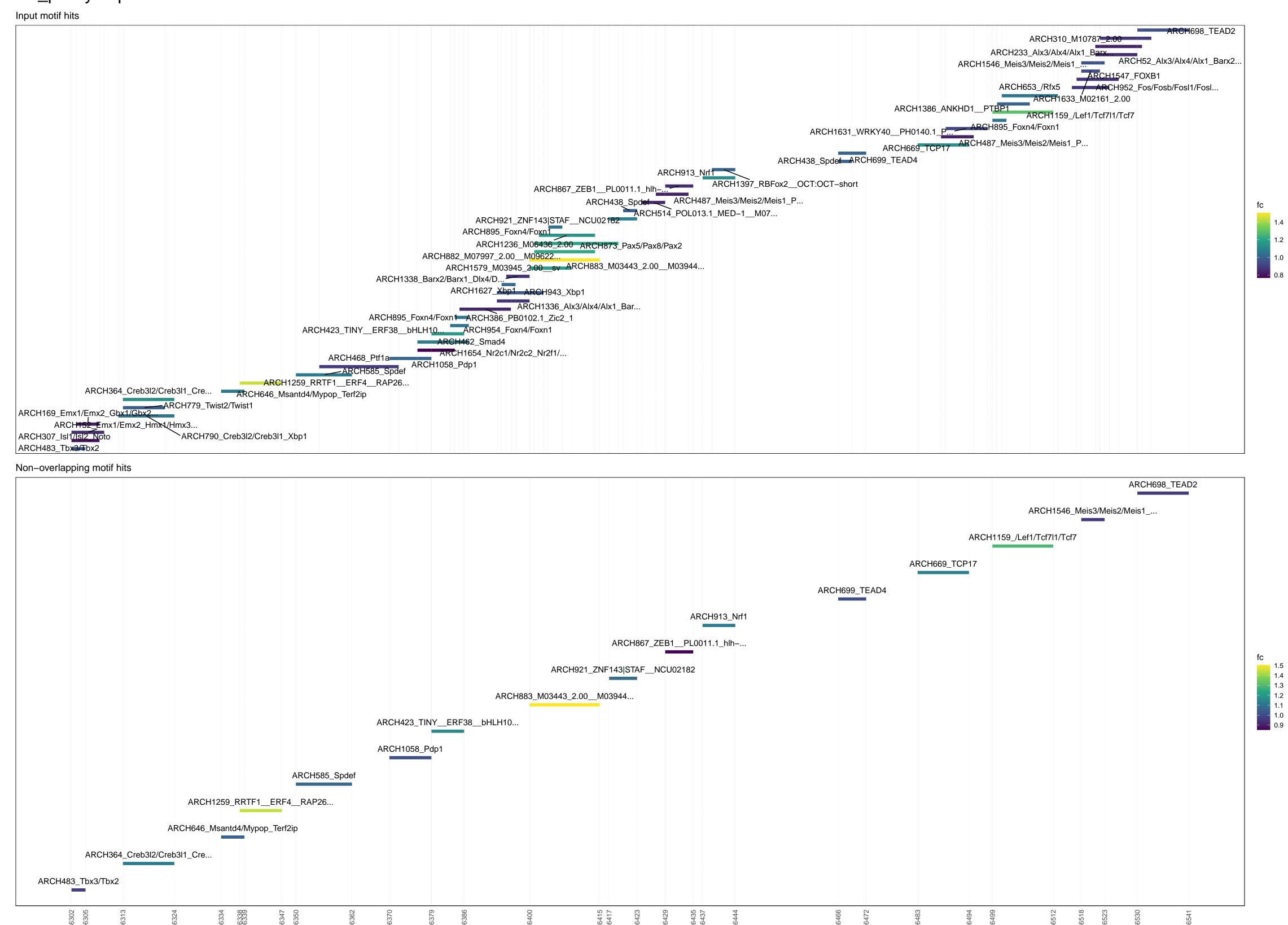
genomic position

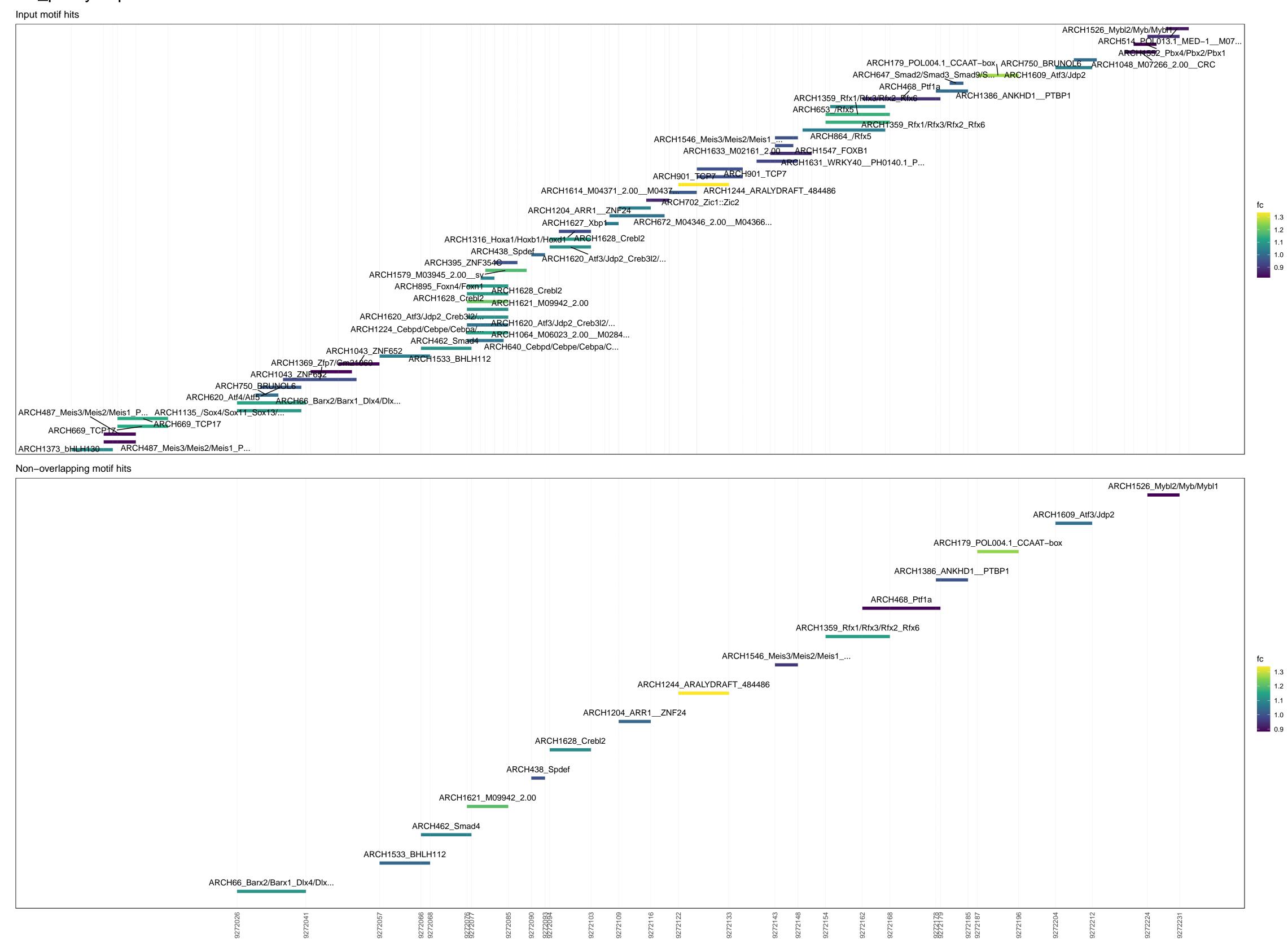


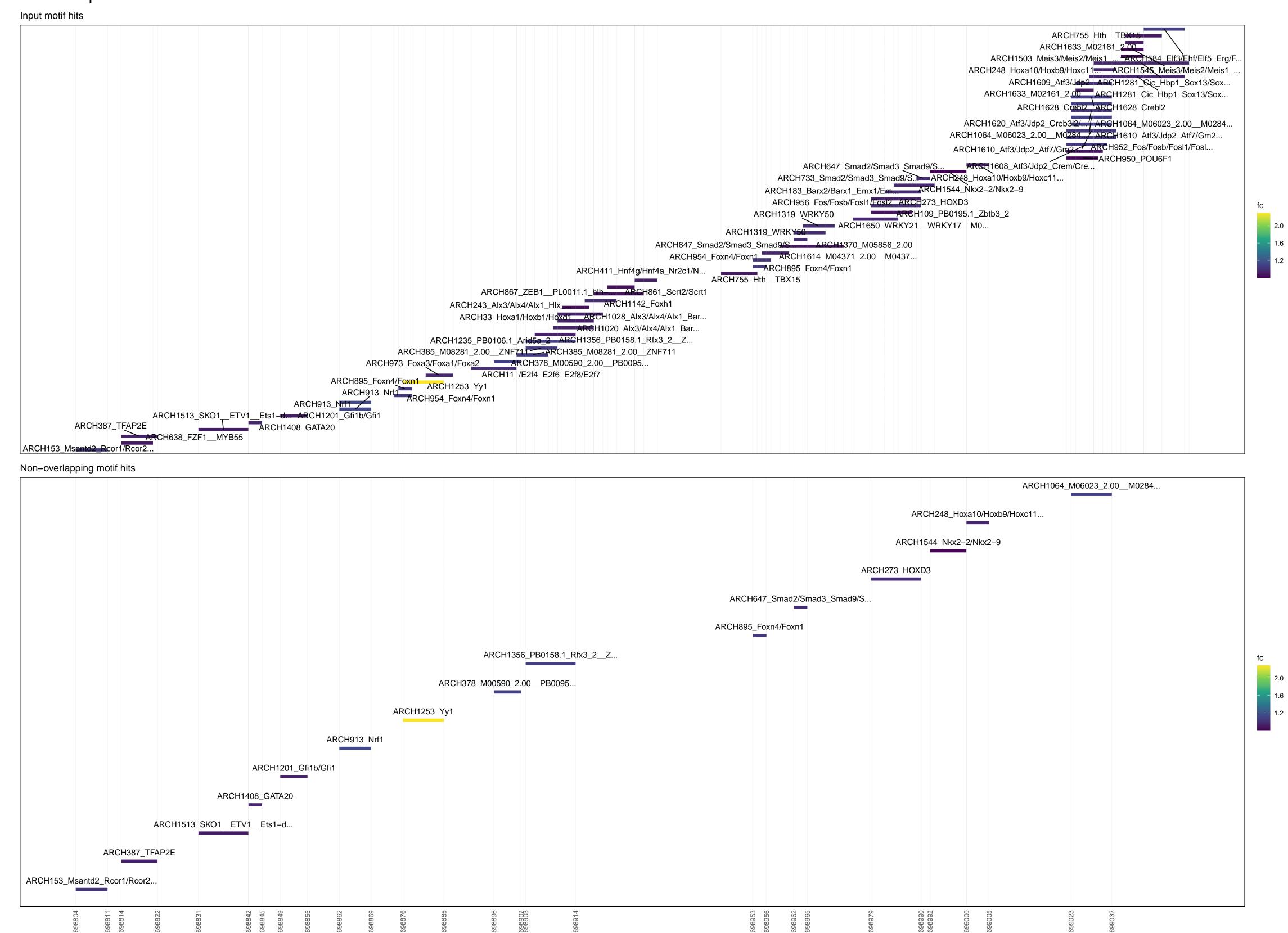


1.0

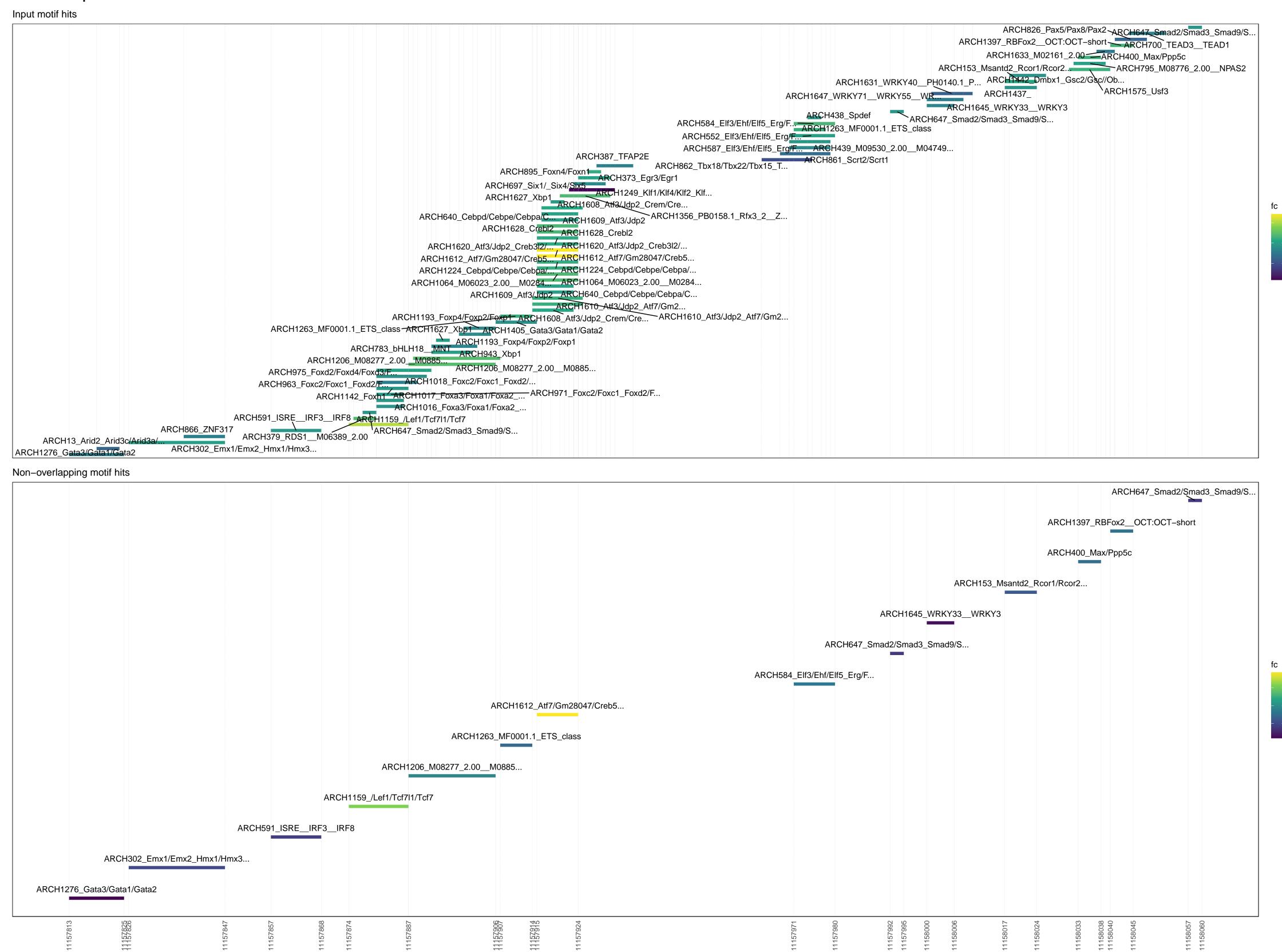






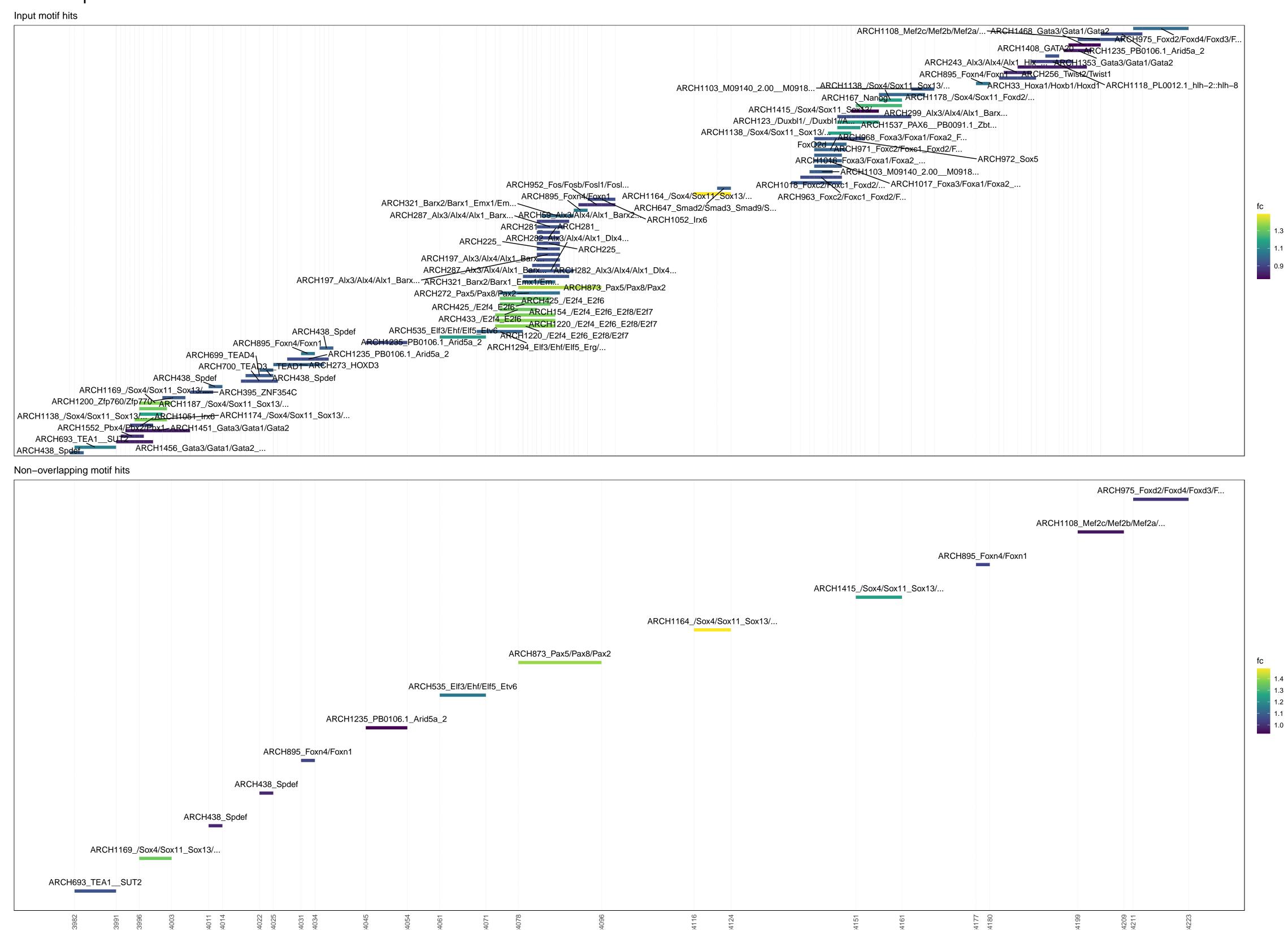


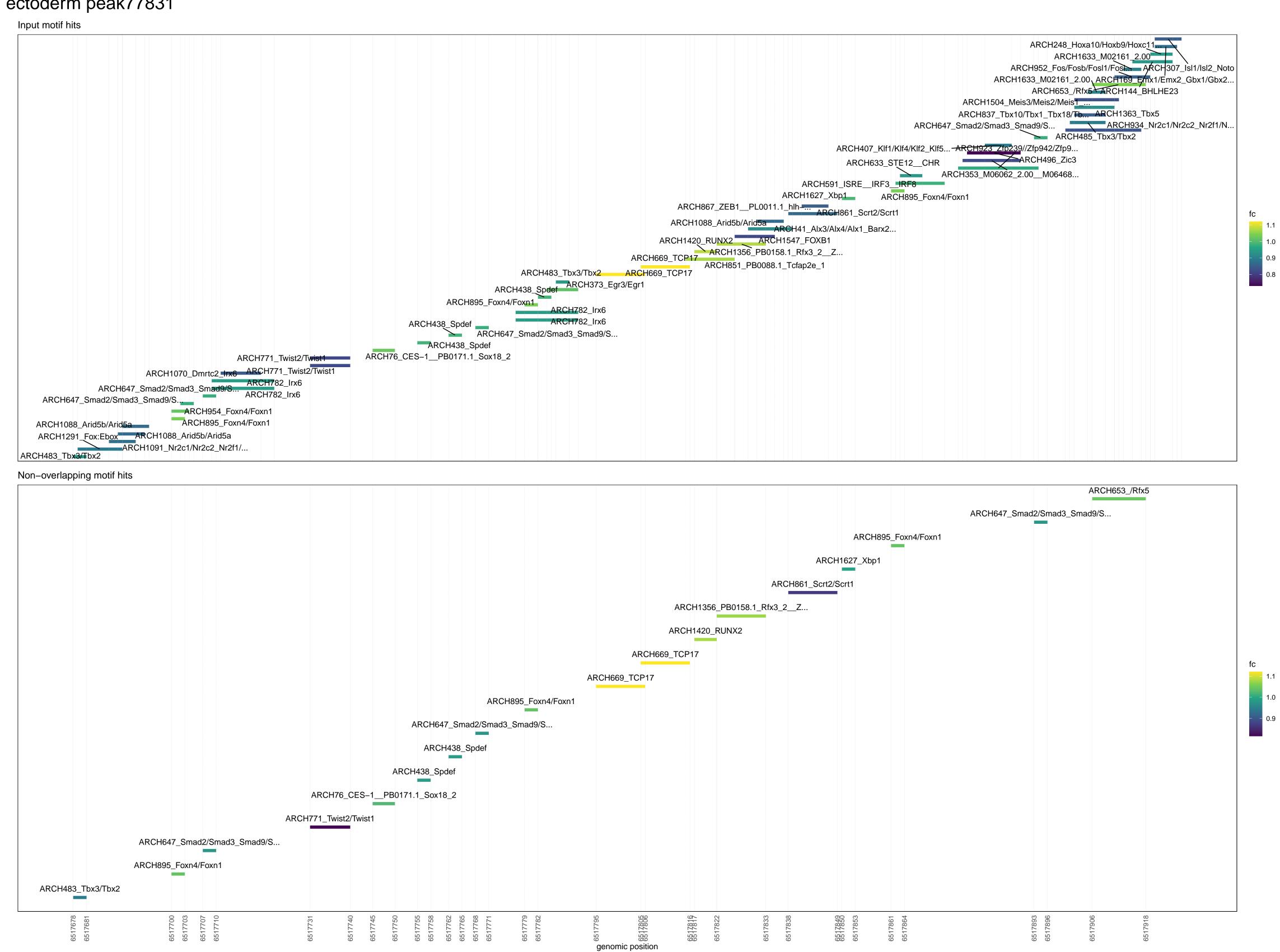
ectoderm peak34607



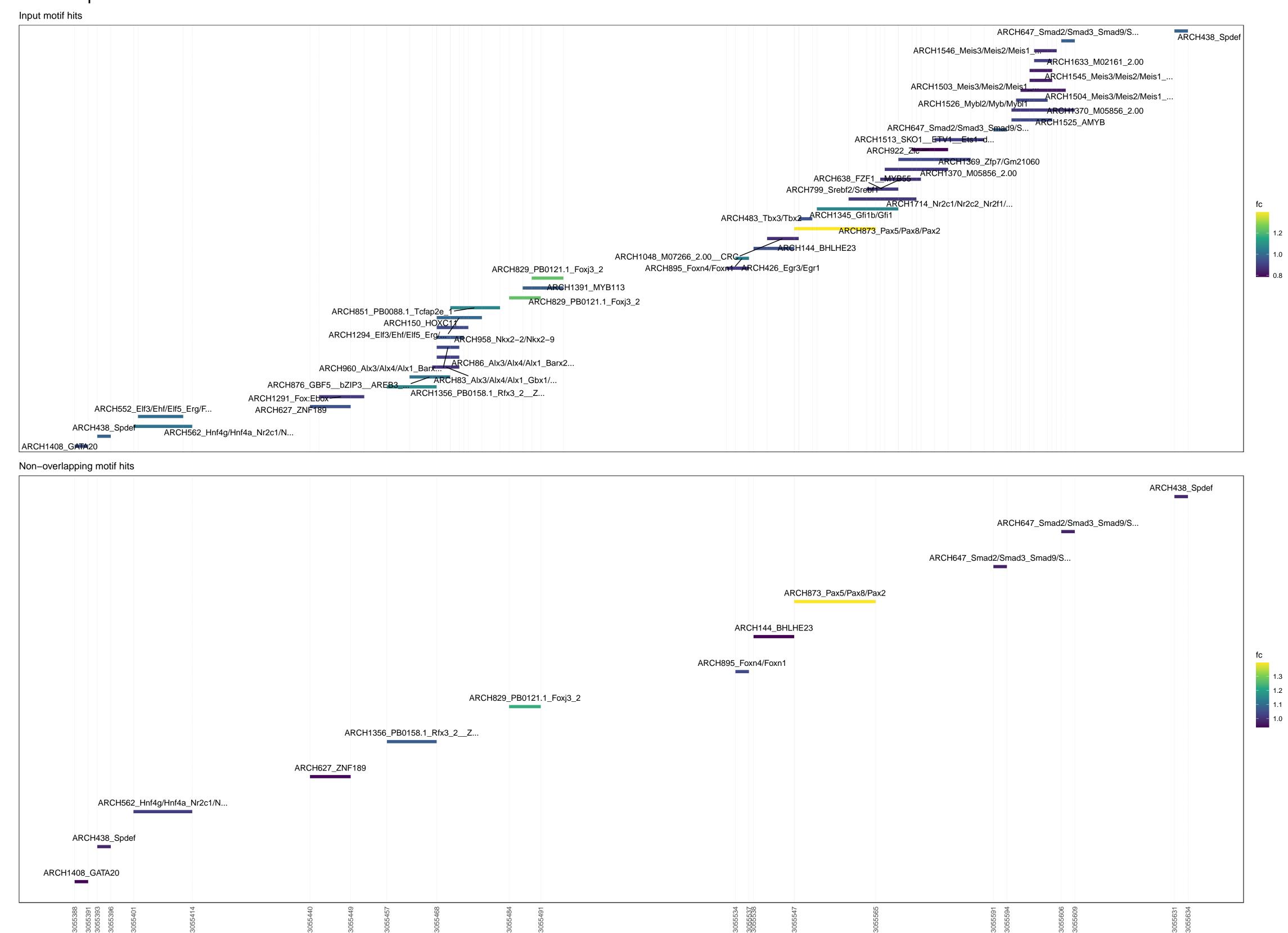
genomic position

1.0

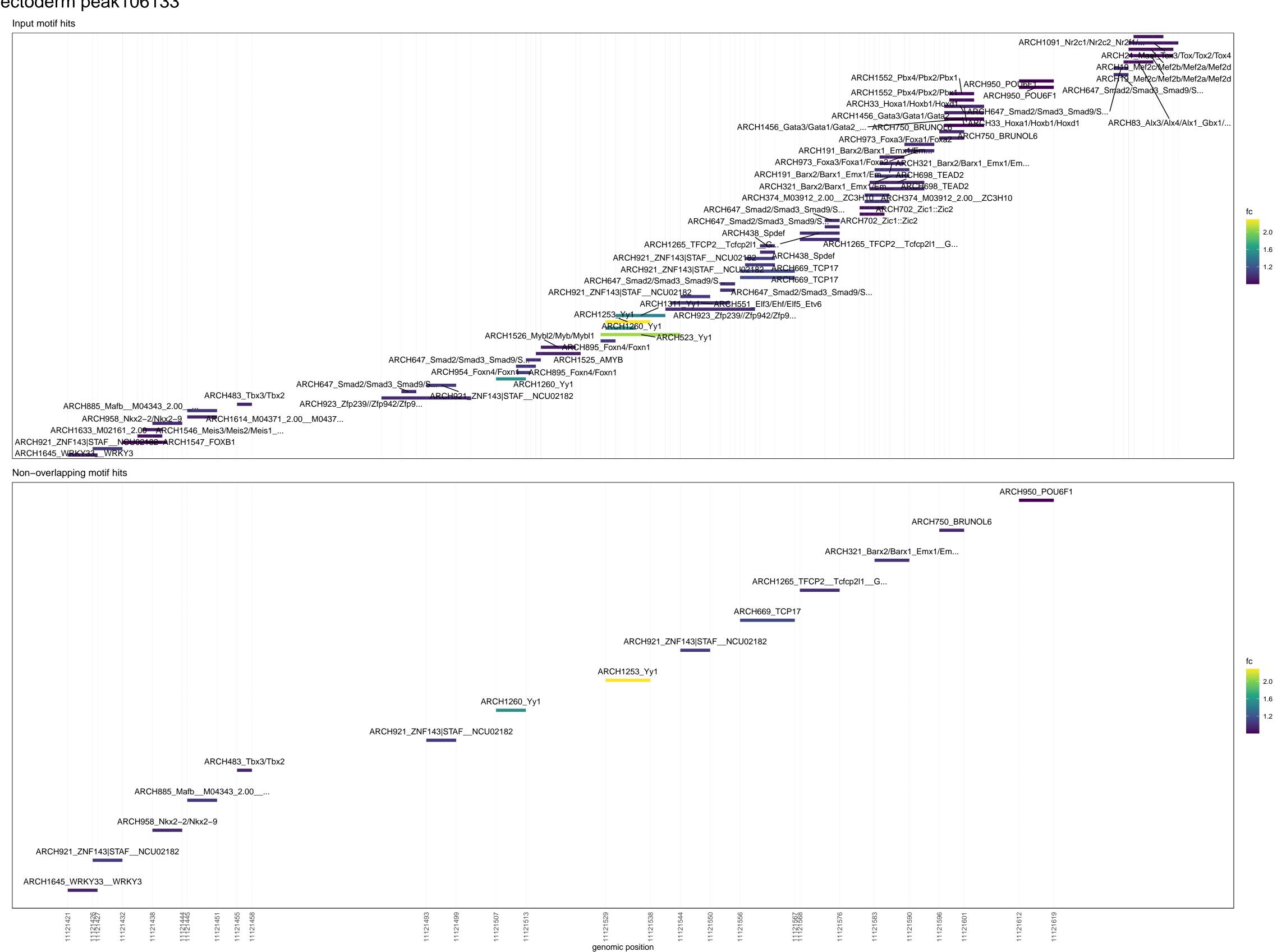


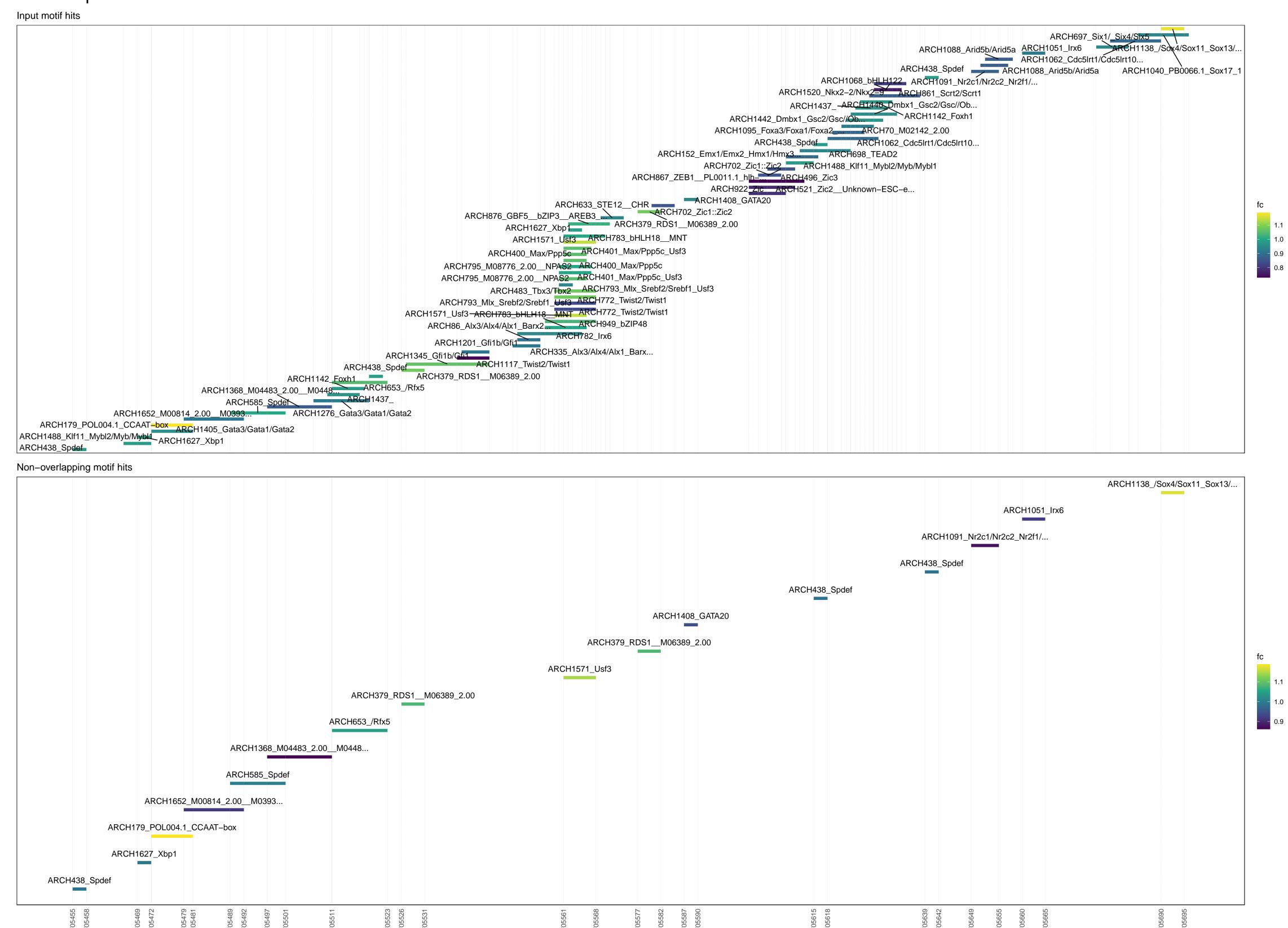


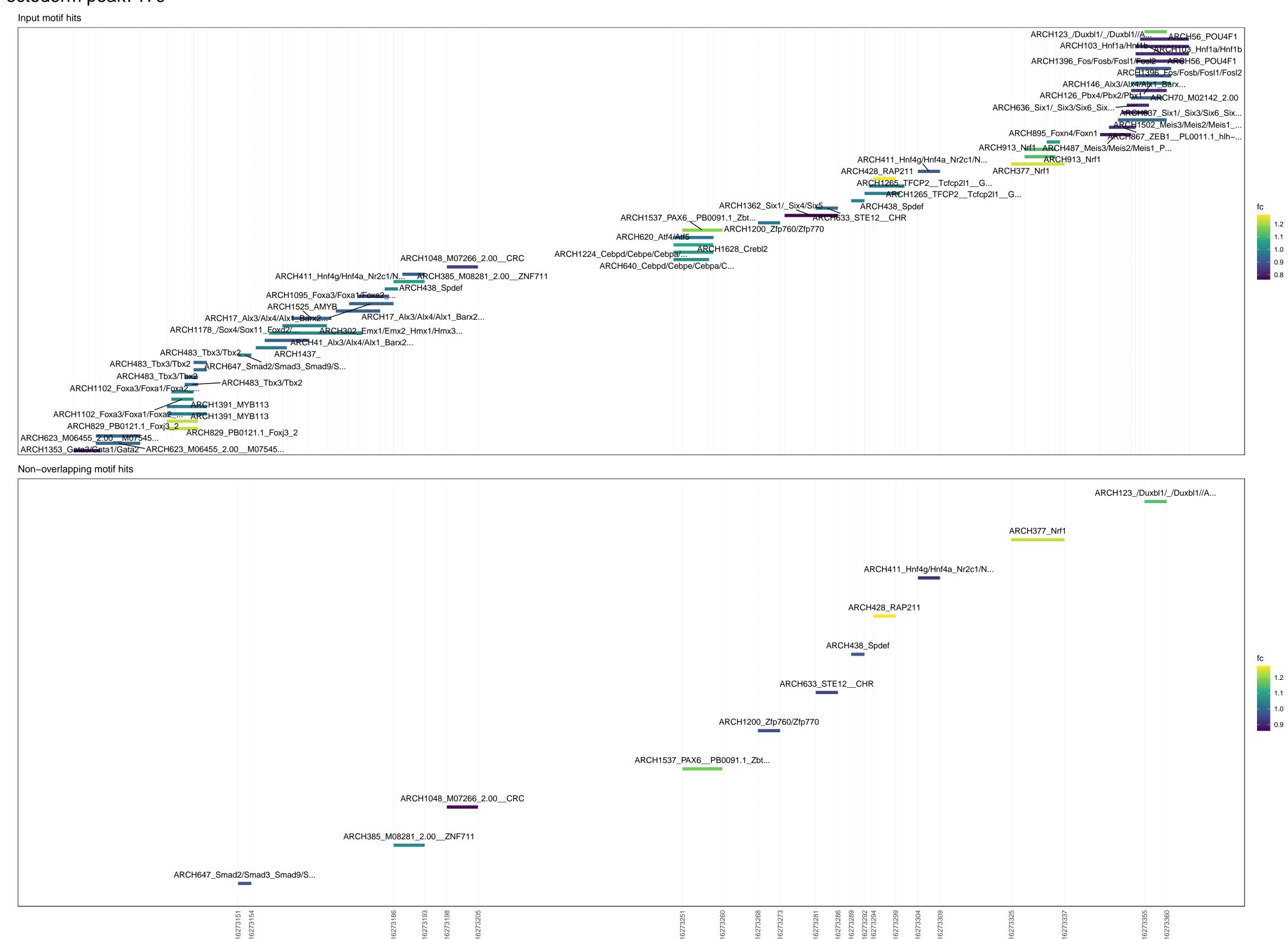
ectoderm peak6106

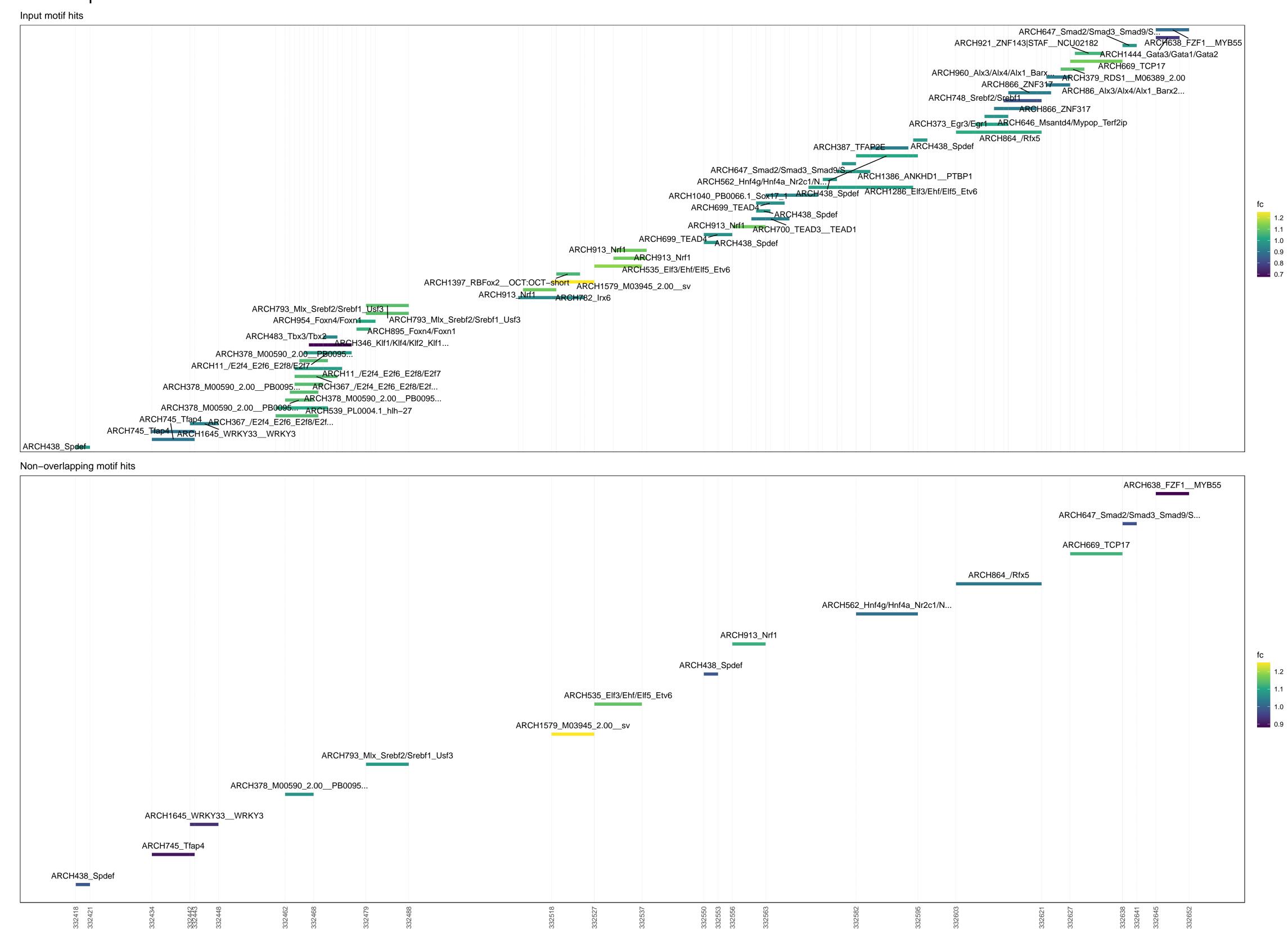


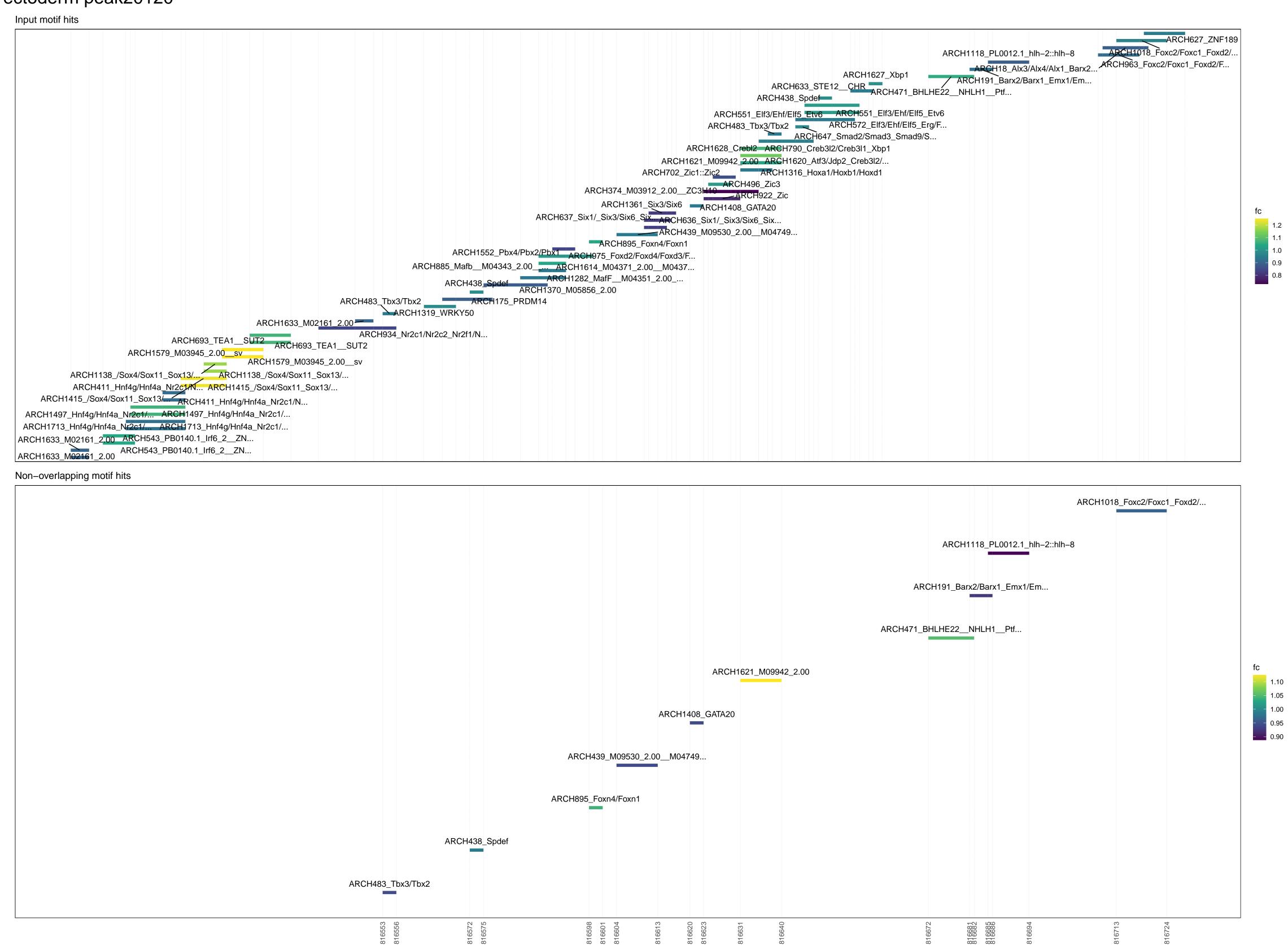
ectoderm peak106133

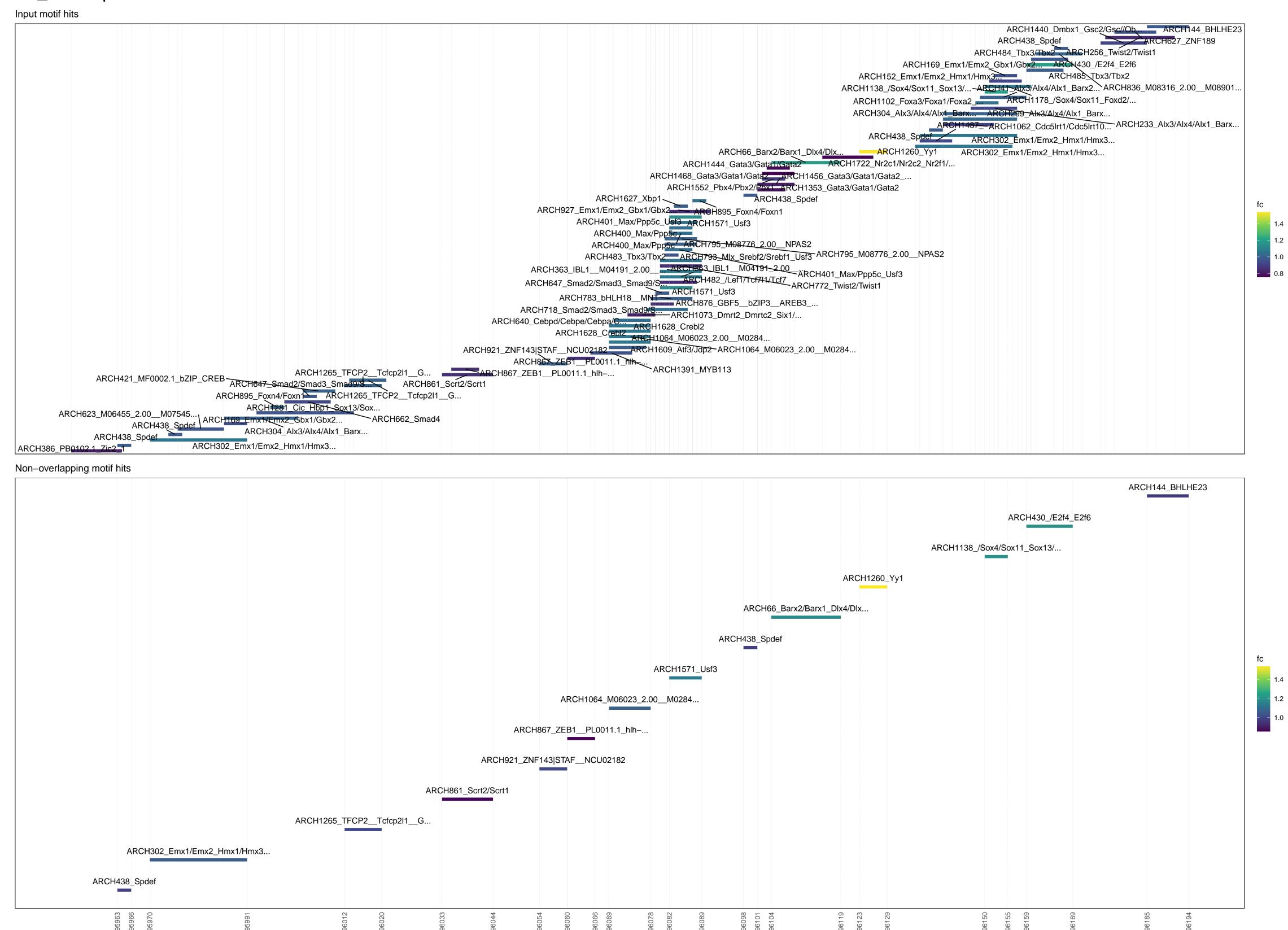


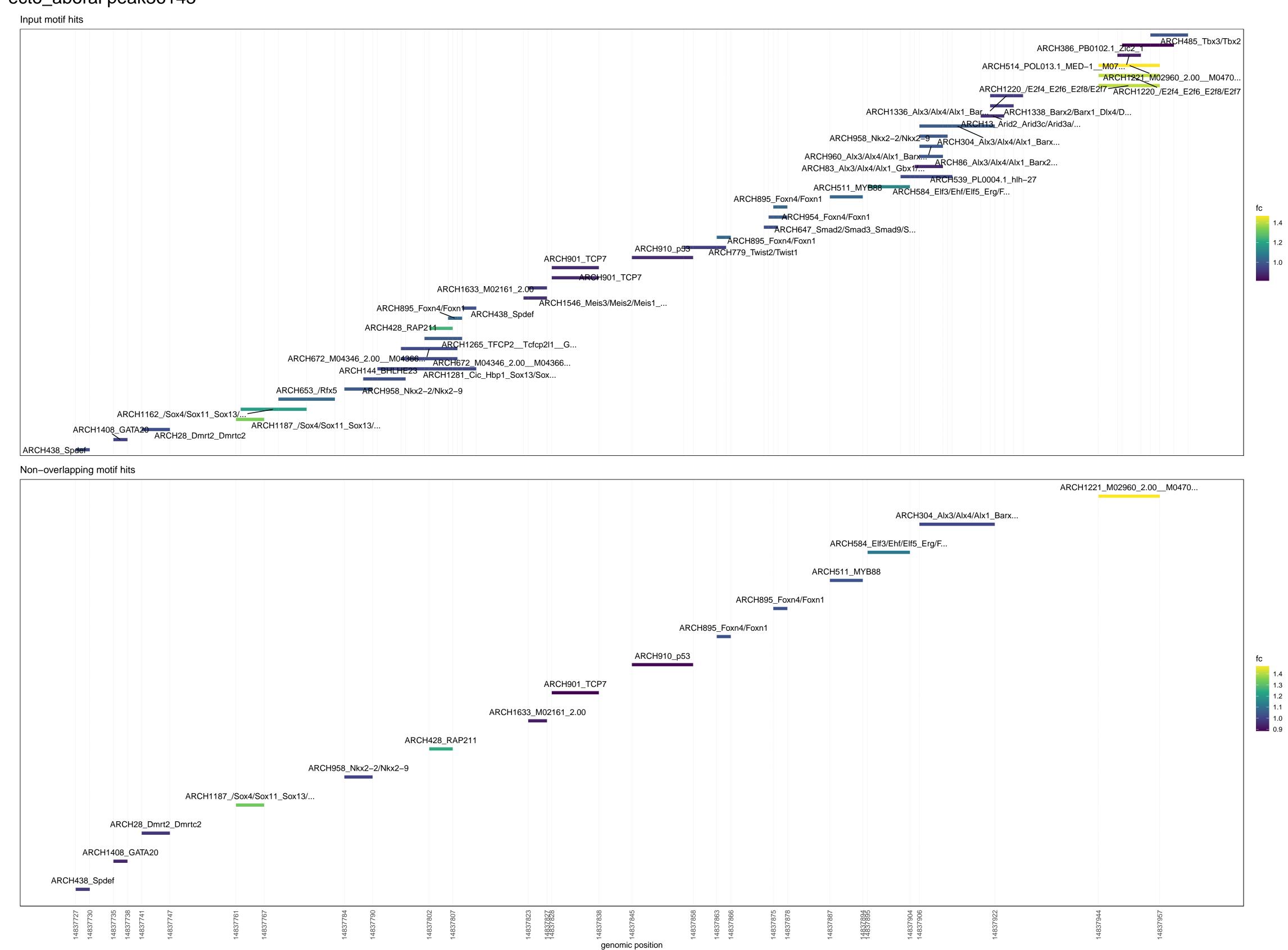










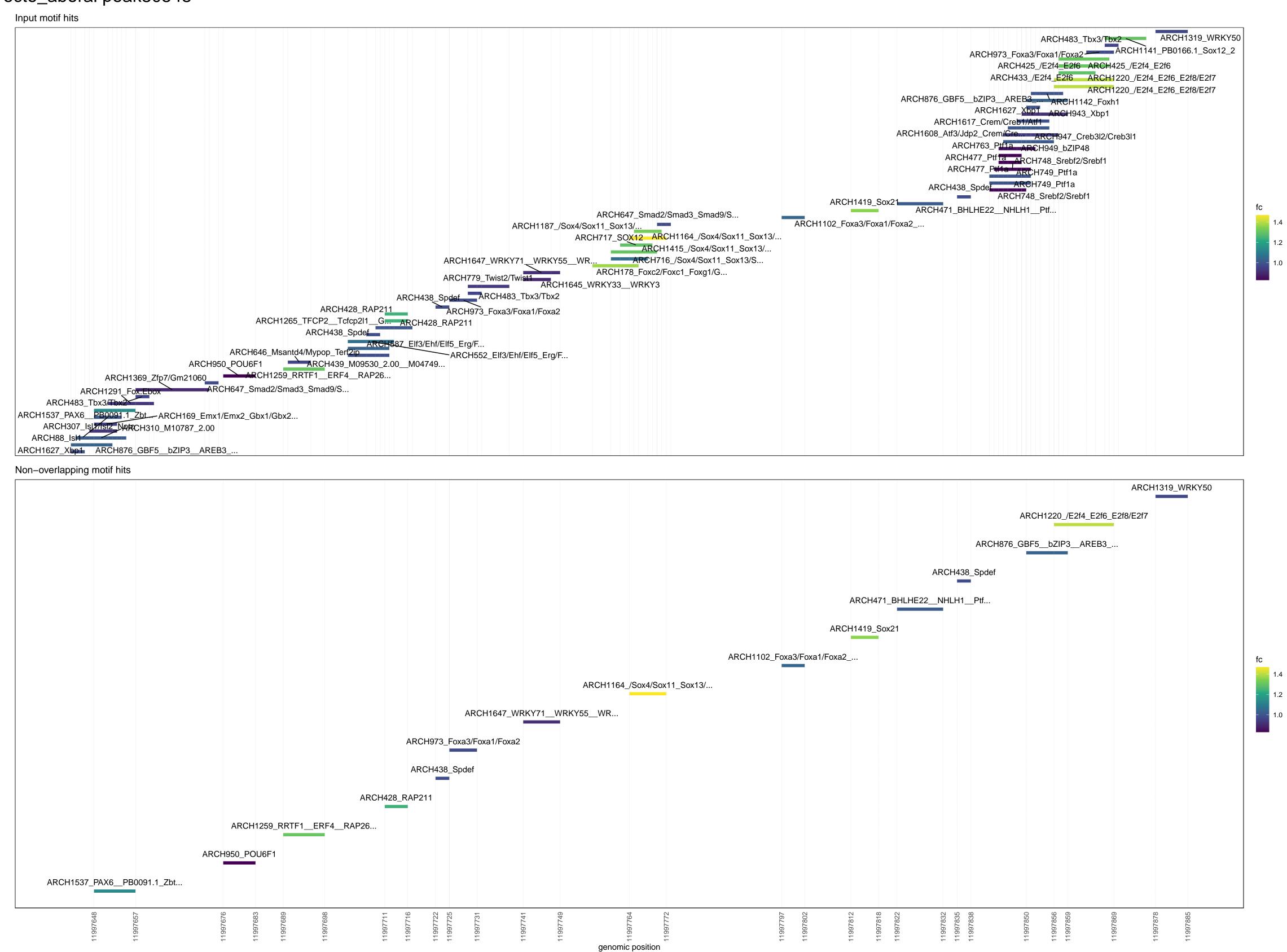


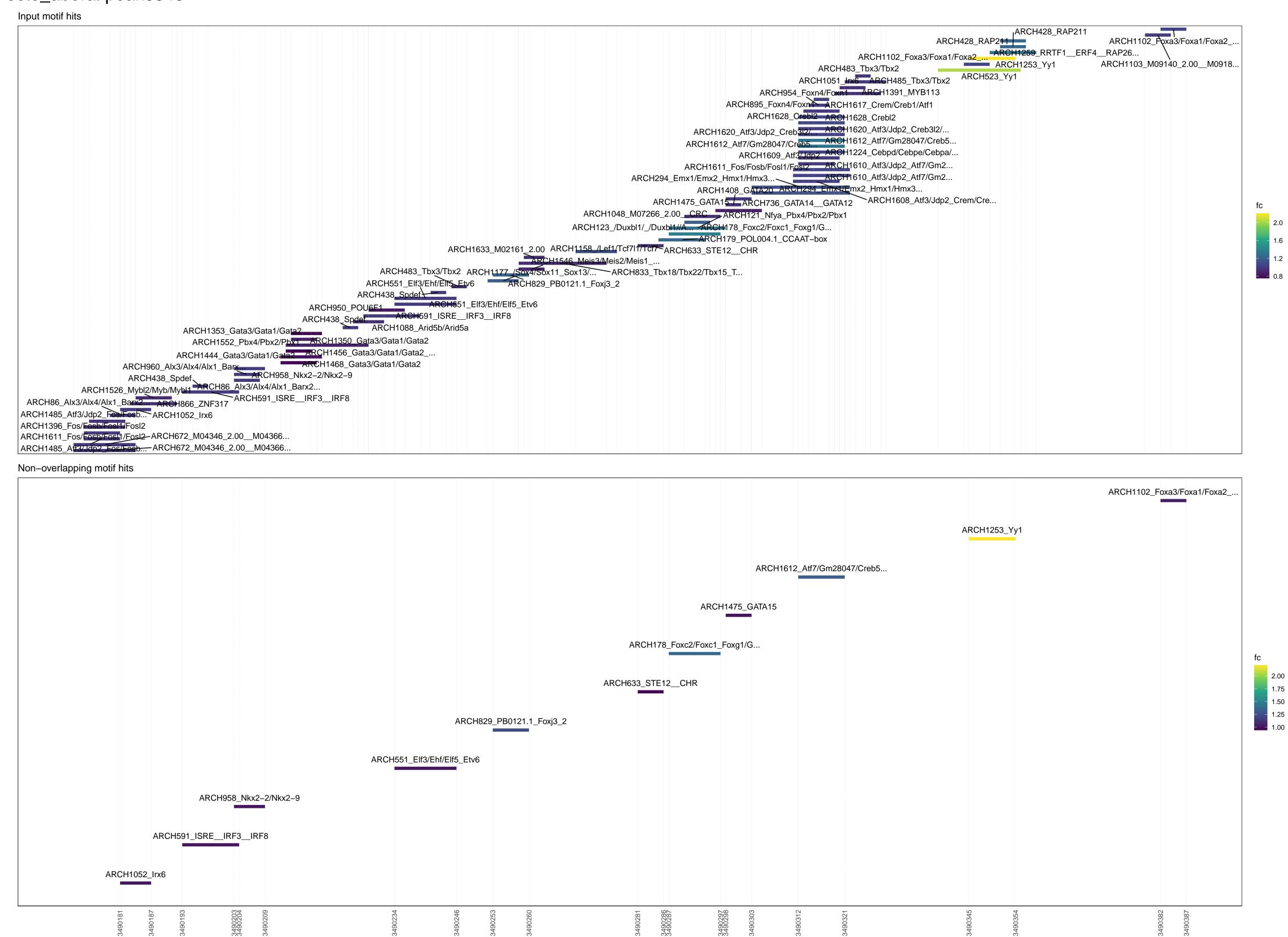
ARCH153_Msantd2_Rcor1/Rcor2...

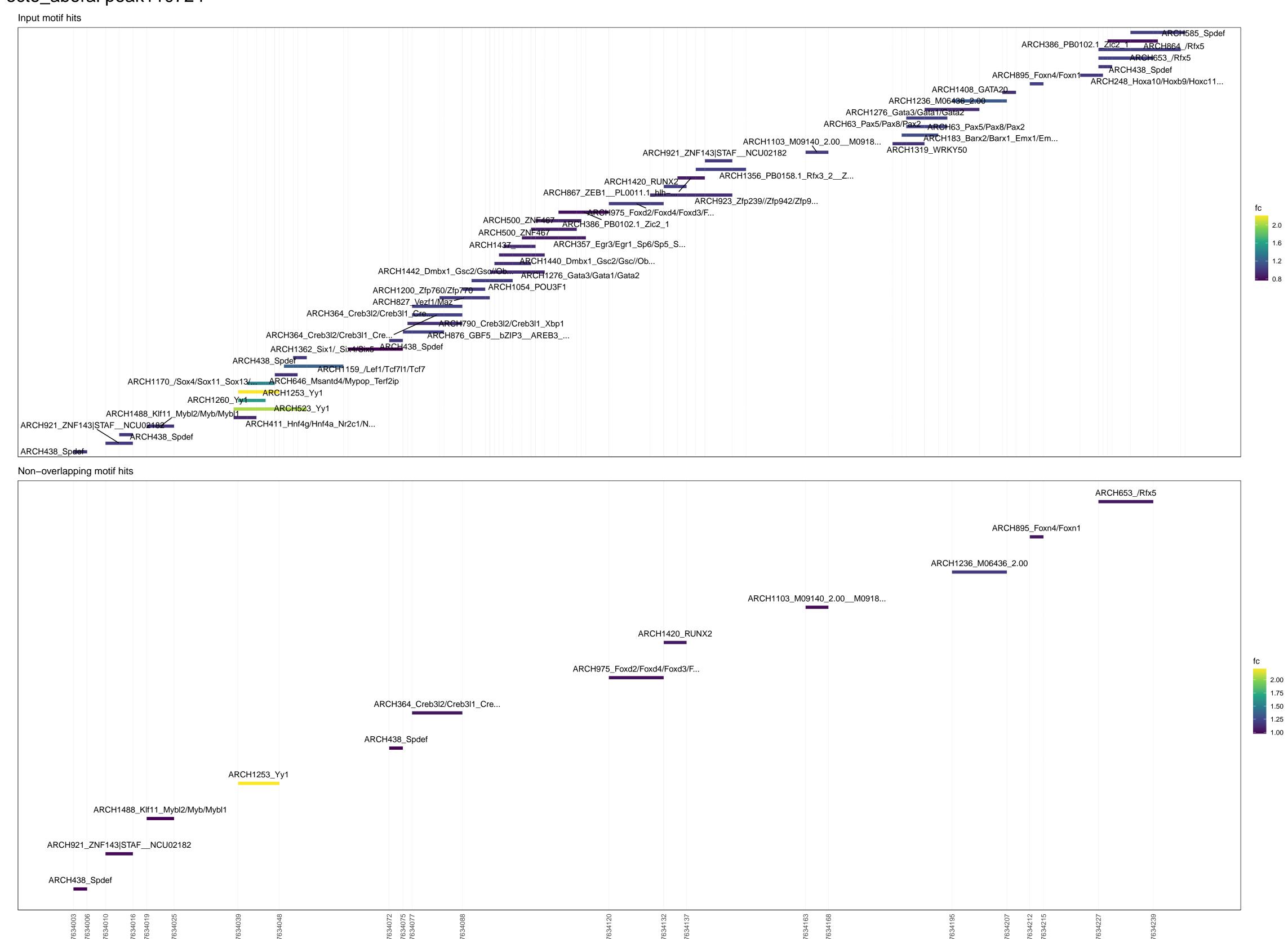
ARCH1502_Meis3/Meis2/Meis1_...

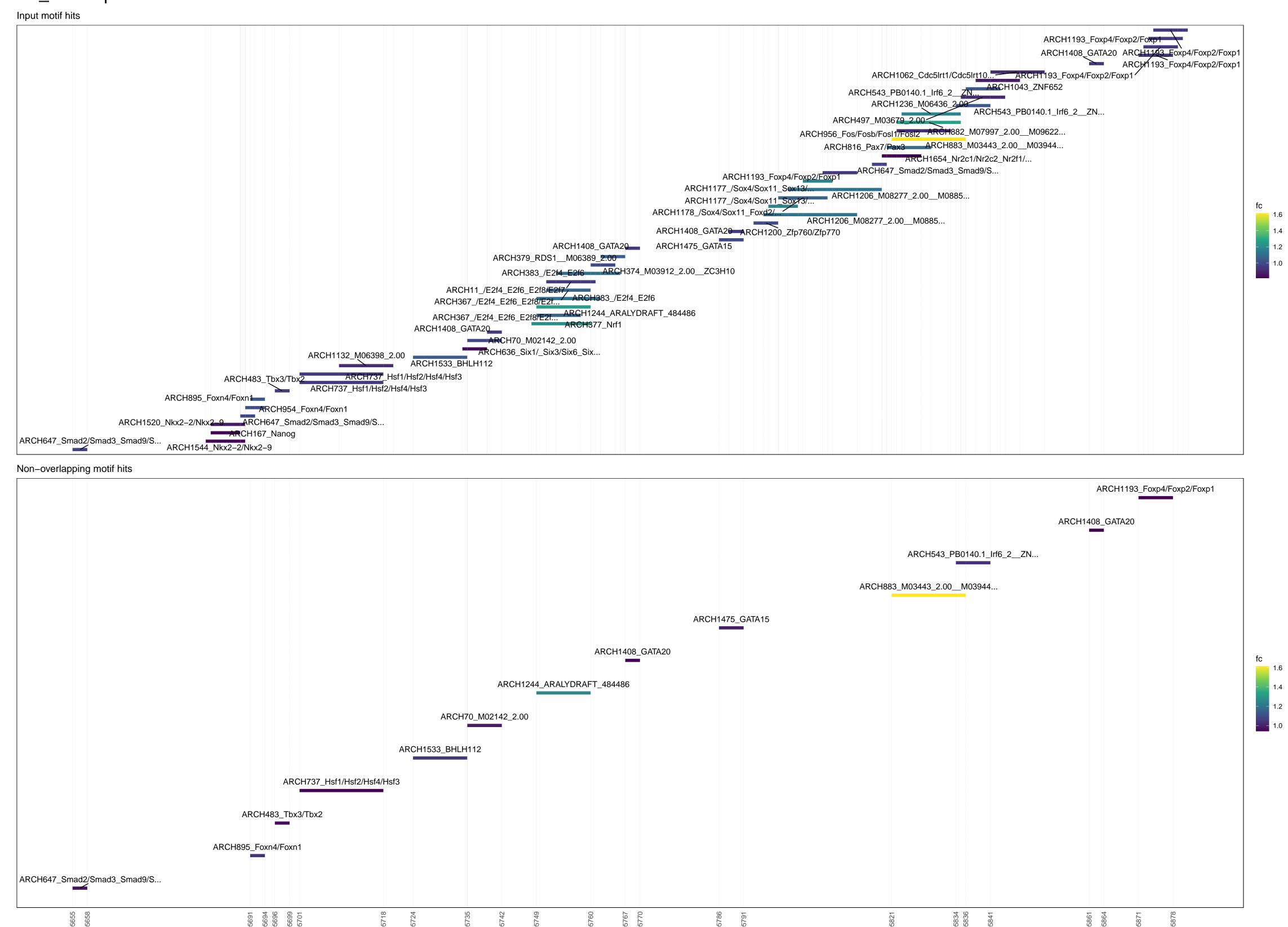
1.2

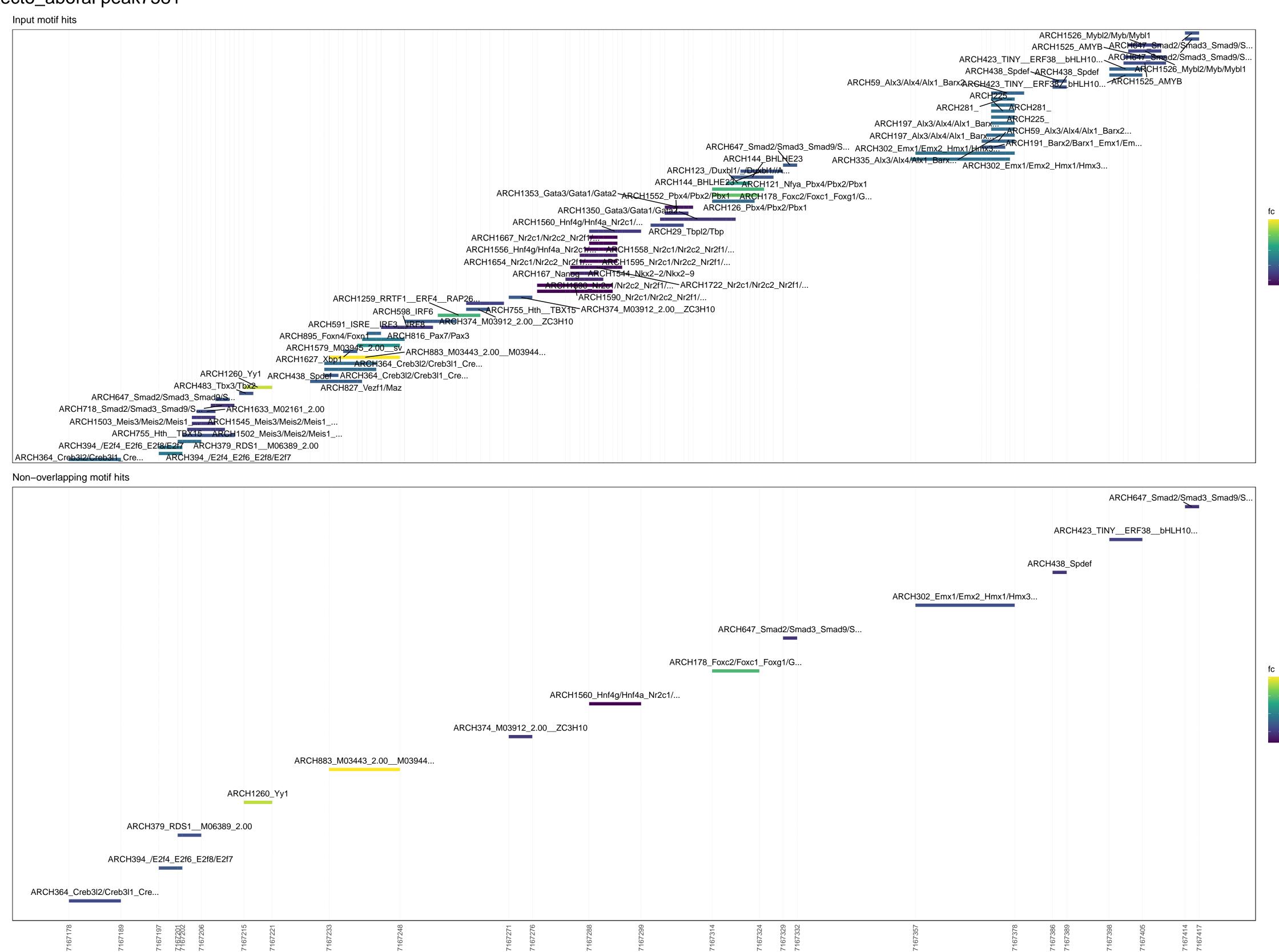
1.0











genomic position

1.2

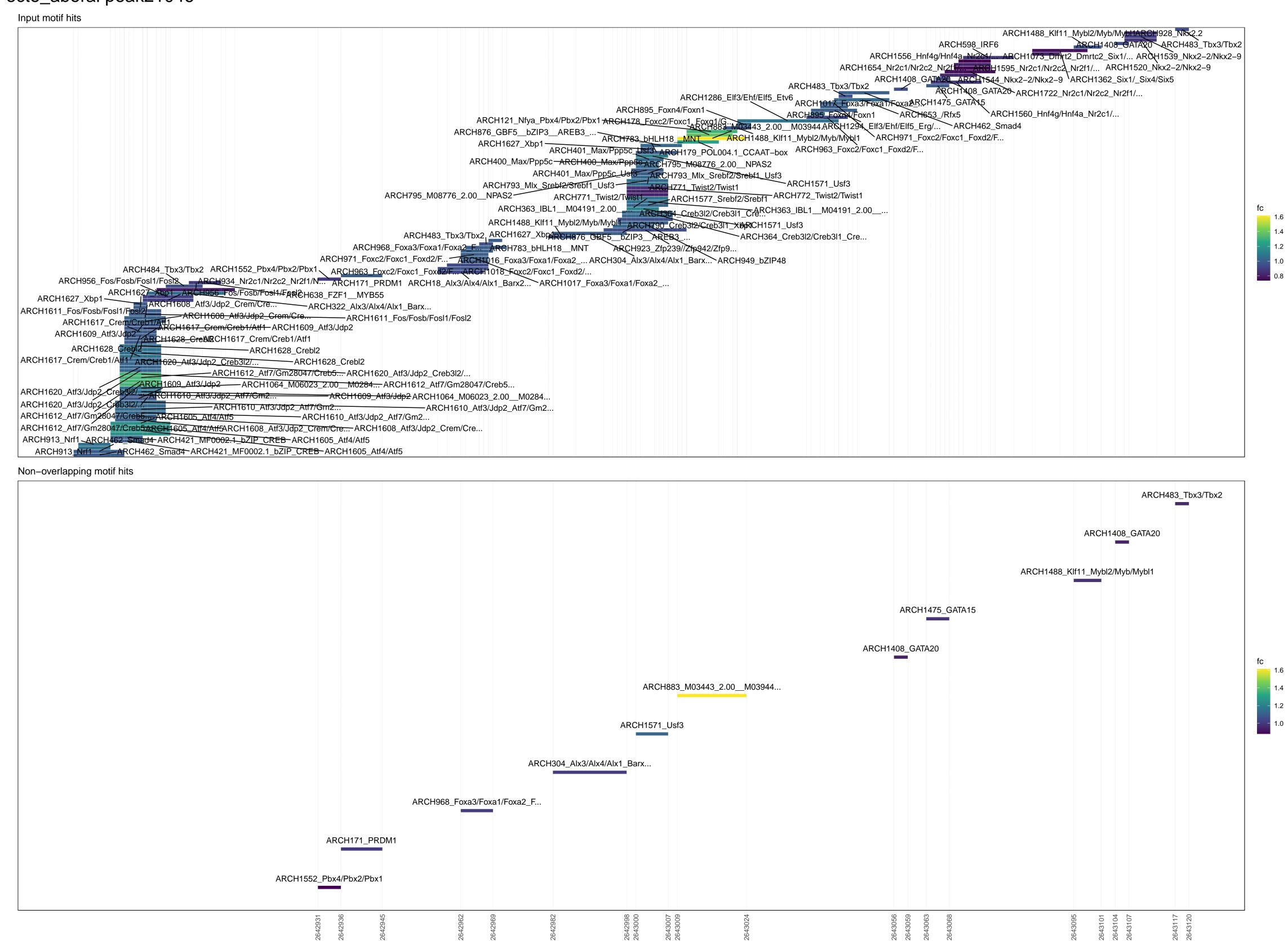
1.2

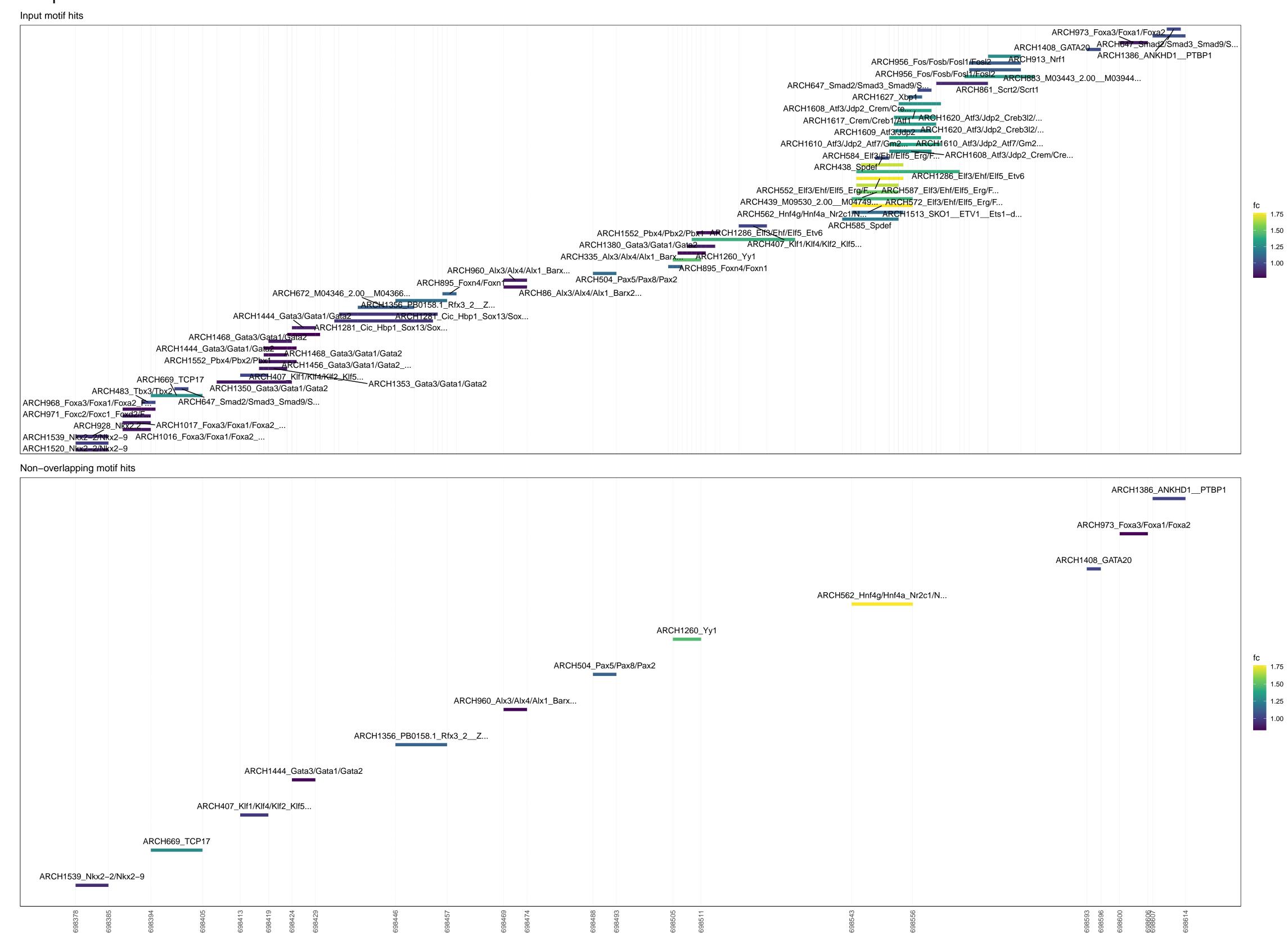
1.0

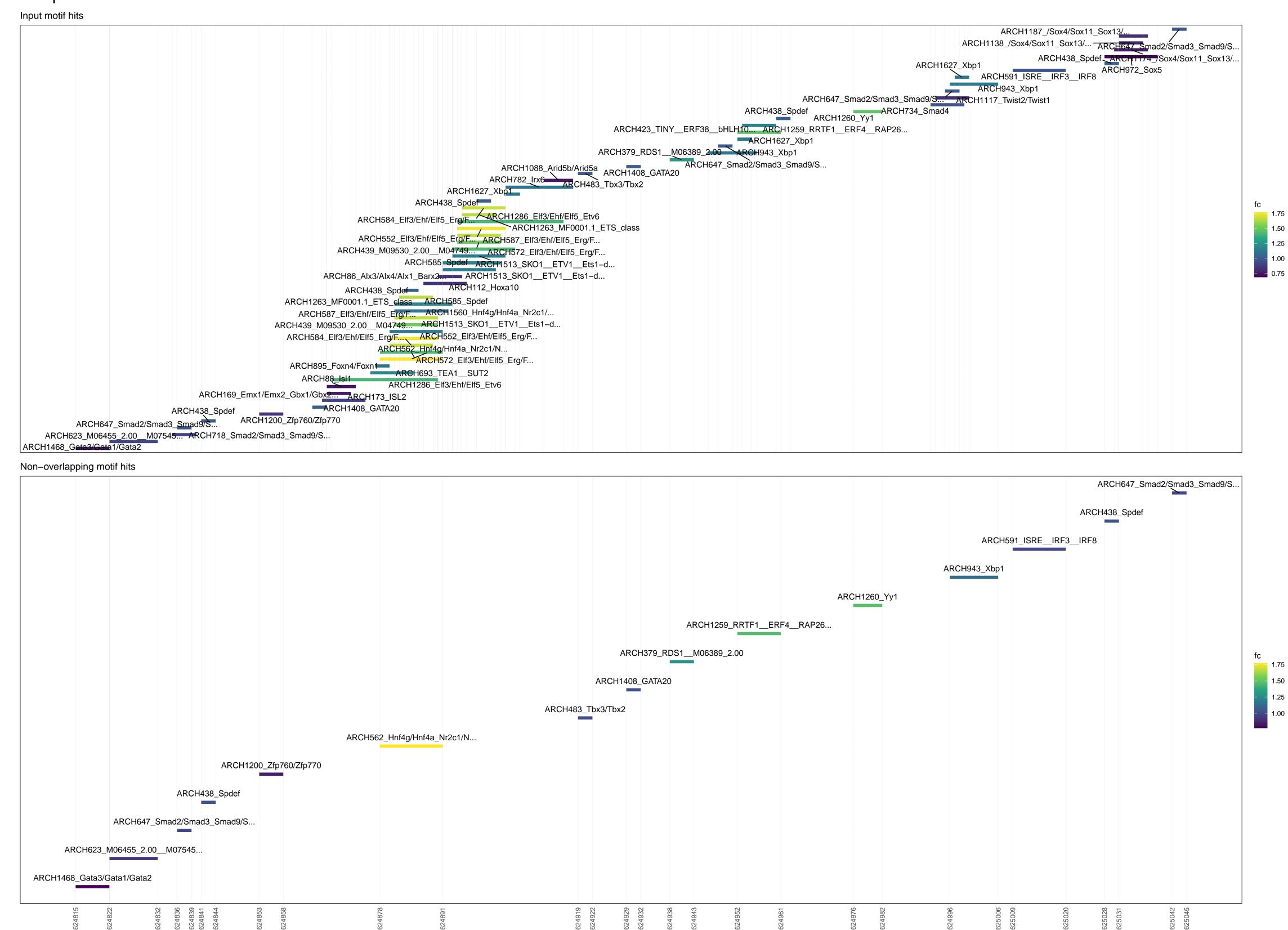
ecto_aboral peak36849 Input motif hits ARCH1437_ ARCH826_Pax5/Pax8/Pax2 ARCH895_Foxn4/Foxn1 ARCH646_Msantd4/Mypop_Terf2ip ARCH438_Spdef ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH1350_Gata3/Gata1/Gata2 ARCH539_PL0004.1_hlh-27 ARCH1265_TFCP2__Tcfcp2l1__G... ARCH1265_TFCP2__Tcfcp2l1__G... ARCH438_Spdef ARCH1236_M06436_2.00 ARCH1560_Hnf4g/Hnf4a_Nr2c1/... ARCH387_TFAP2E ARCH539_PL0004.1_hlh-27 ARCH1609_Atf3/Jdp2 ARCH1620_Atf3/Jdp2_Creb3l2/... ARCH1620_Atf3/Jdp2_Creb3l2/... ARCH1610_Atf3/Jdp2_Atf7/Gm2... ARCH1610_Atf3/Jdp2_Atf7/Gm2... ARCH1608_Atf3/Jdp2_Crem/Cre... ARCH173_ISL2 ARCH438_Spdef ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH895_Foxn4/Foxn1 ARCH1356_PB0158.1_Rfx3_2_Z... ARCH913_Nrf1 ARCH1200_Zfp760/Zfp770 ARCH1201_Gfi1b/Gfi1 Non-overlapping motif hits ARCH826_Pax5/Pax8/Pax2 ARCH1437_ ARCH895_Foxn4/Foxn1 ARCH646_Msantd4/Mypop_Terf2ip ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH1350_Gata3/Gata1/Gata2 ARCH539_PL0004.1_hlh-27 ARCH1265_TFCP2__Tcfcp2l1__G... ARCH1236_M06436_2.00 ARCH387_TFAP2E ARCH539_PL0004.1_hlh-27 ARCH1610_Atf3/Jdp2_Atf7/Gm2... ARCH173_ISL2 ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH913_Nrf1 ARCH1200_Zfp760/Zfp770

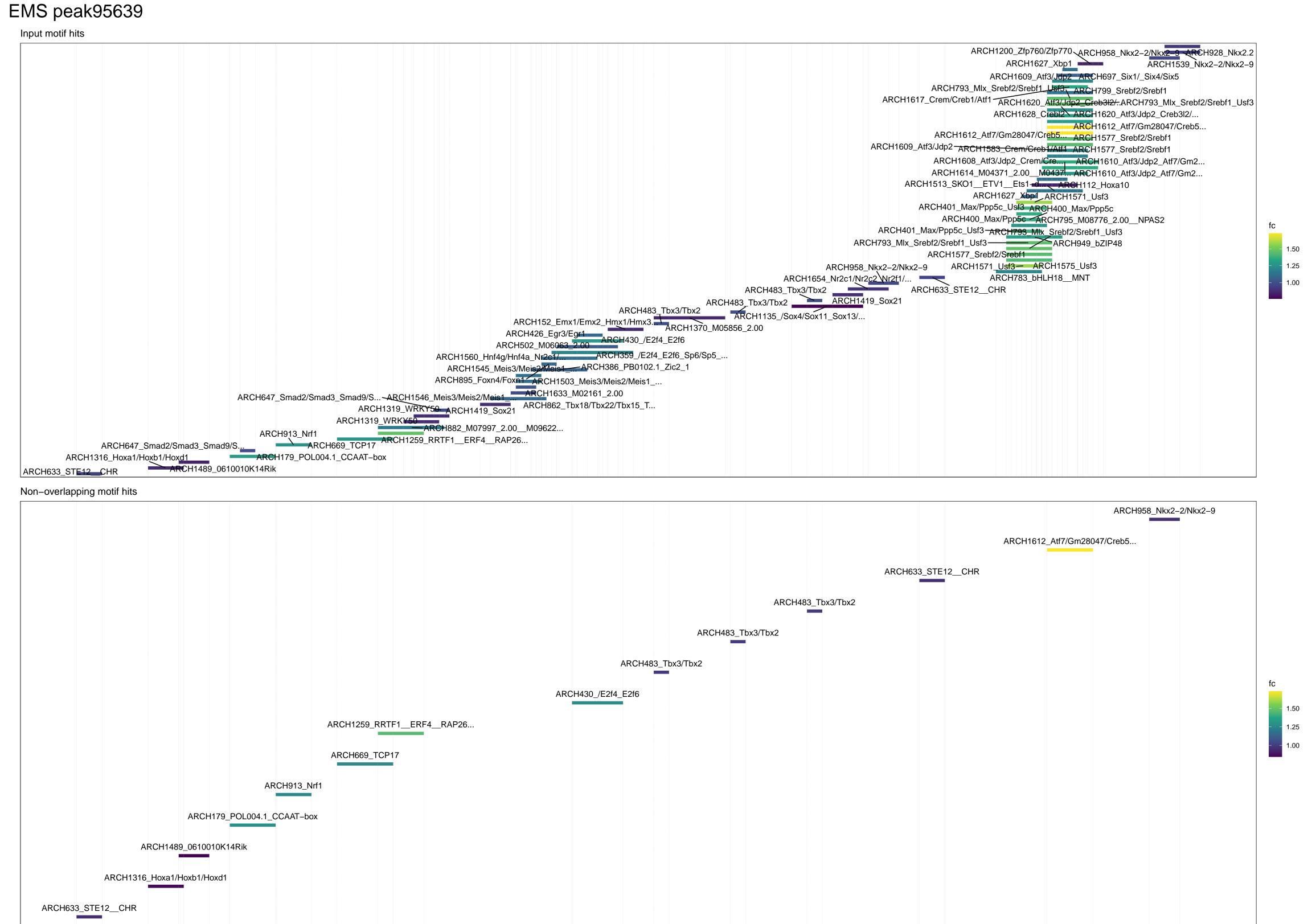
1.0

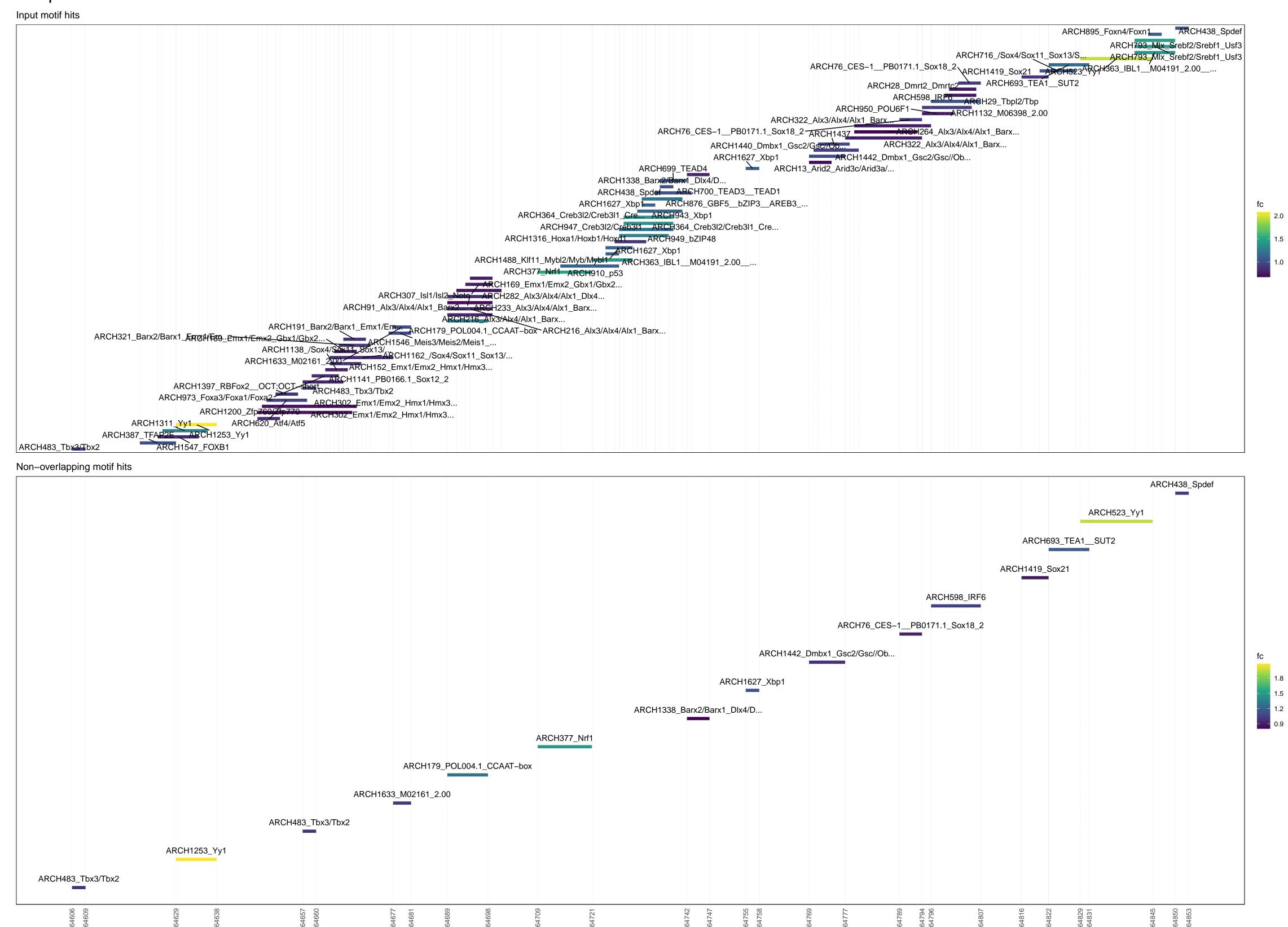
0.9

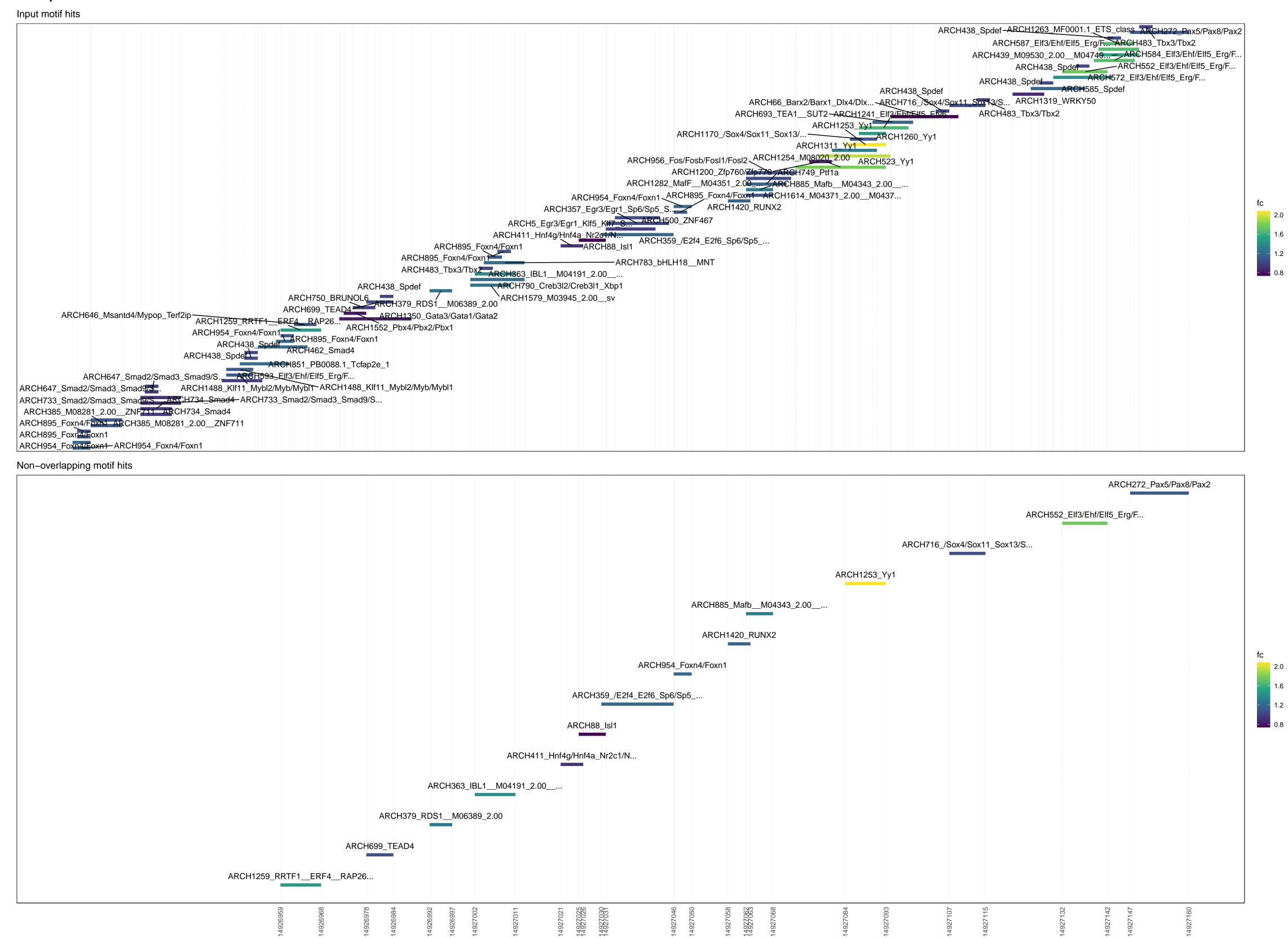


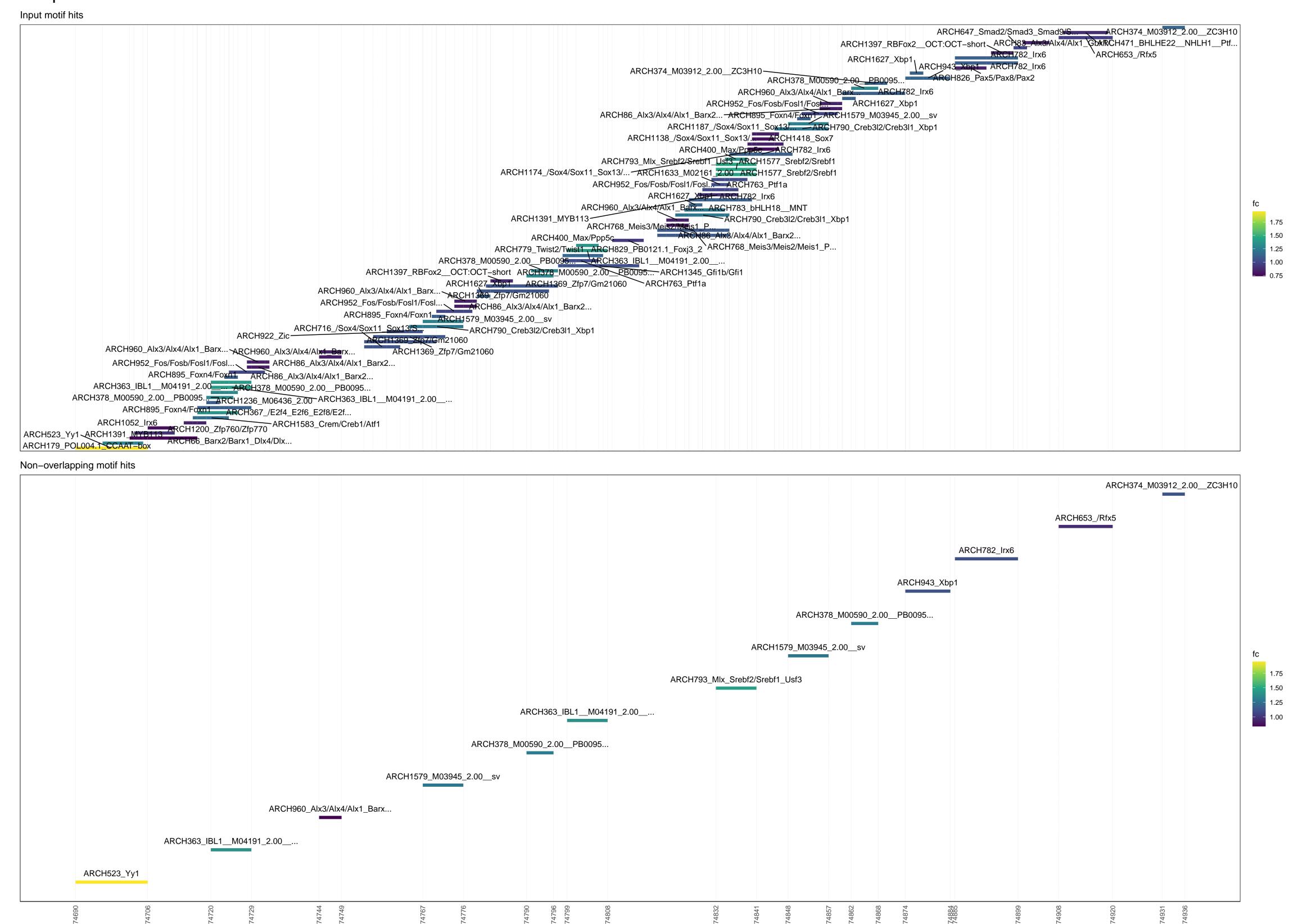


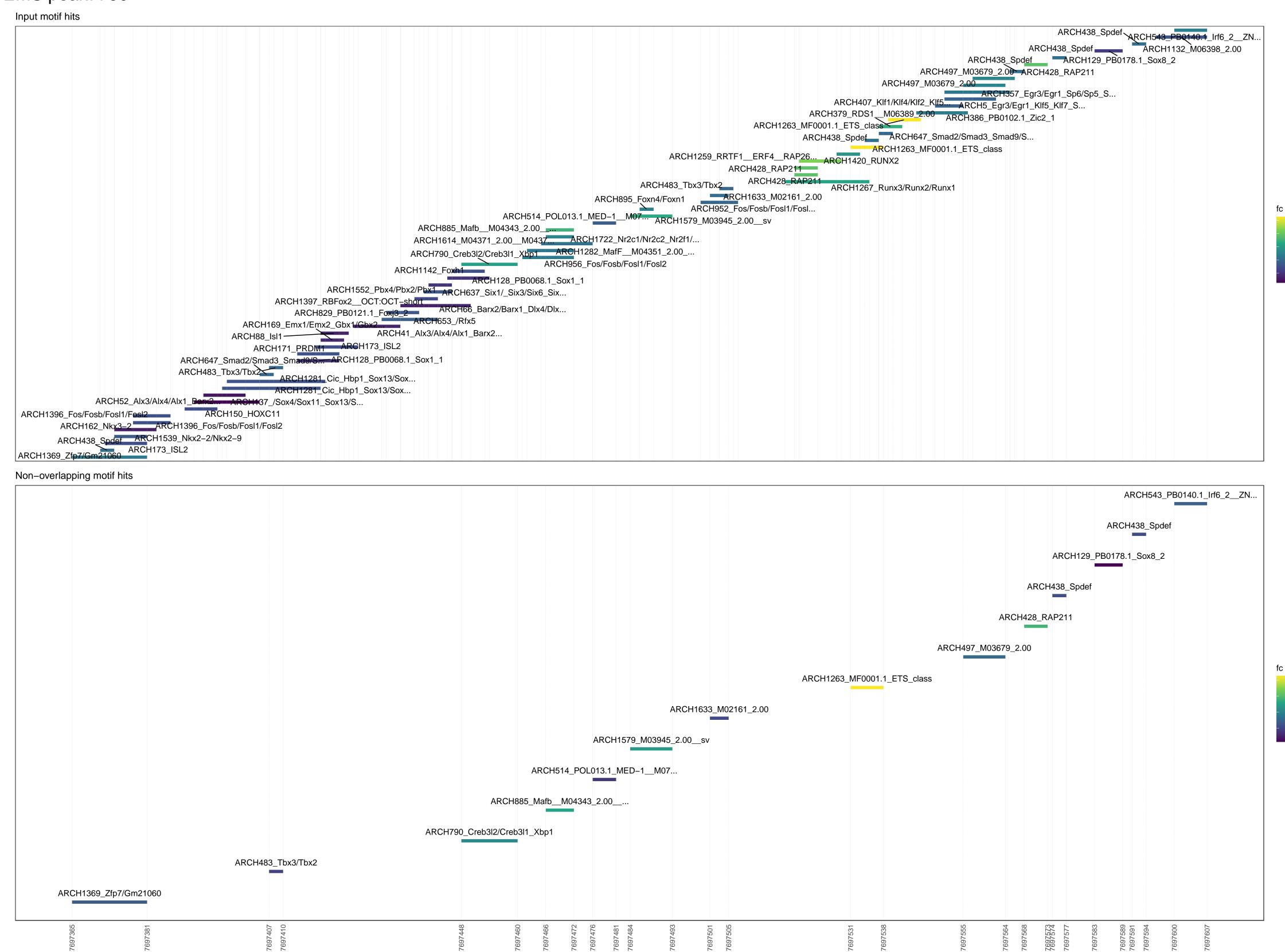












genomic position

1.4

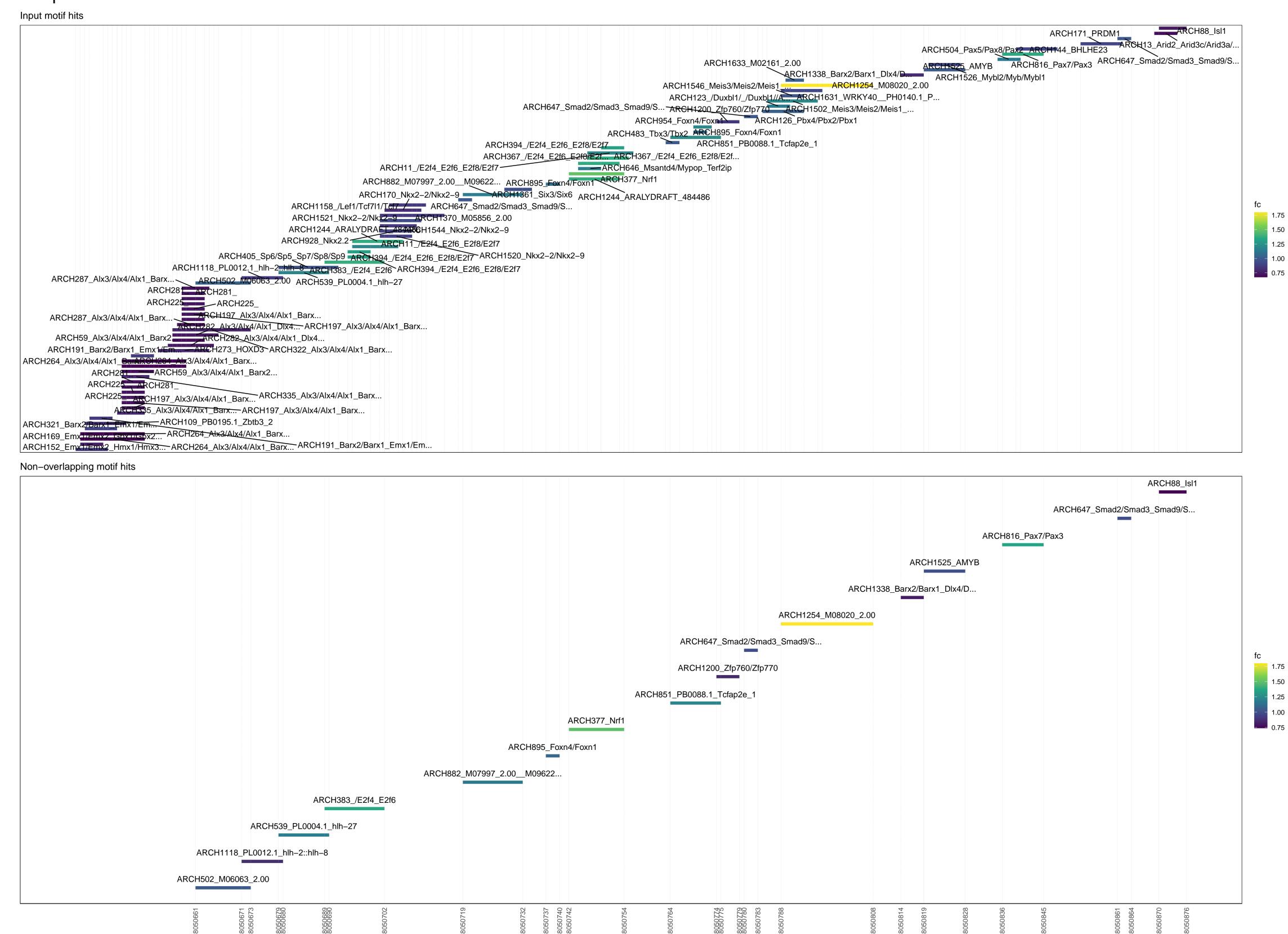
1.2

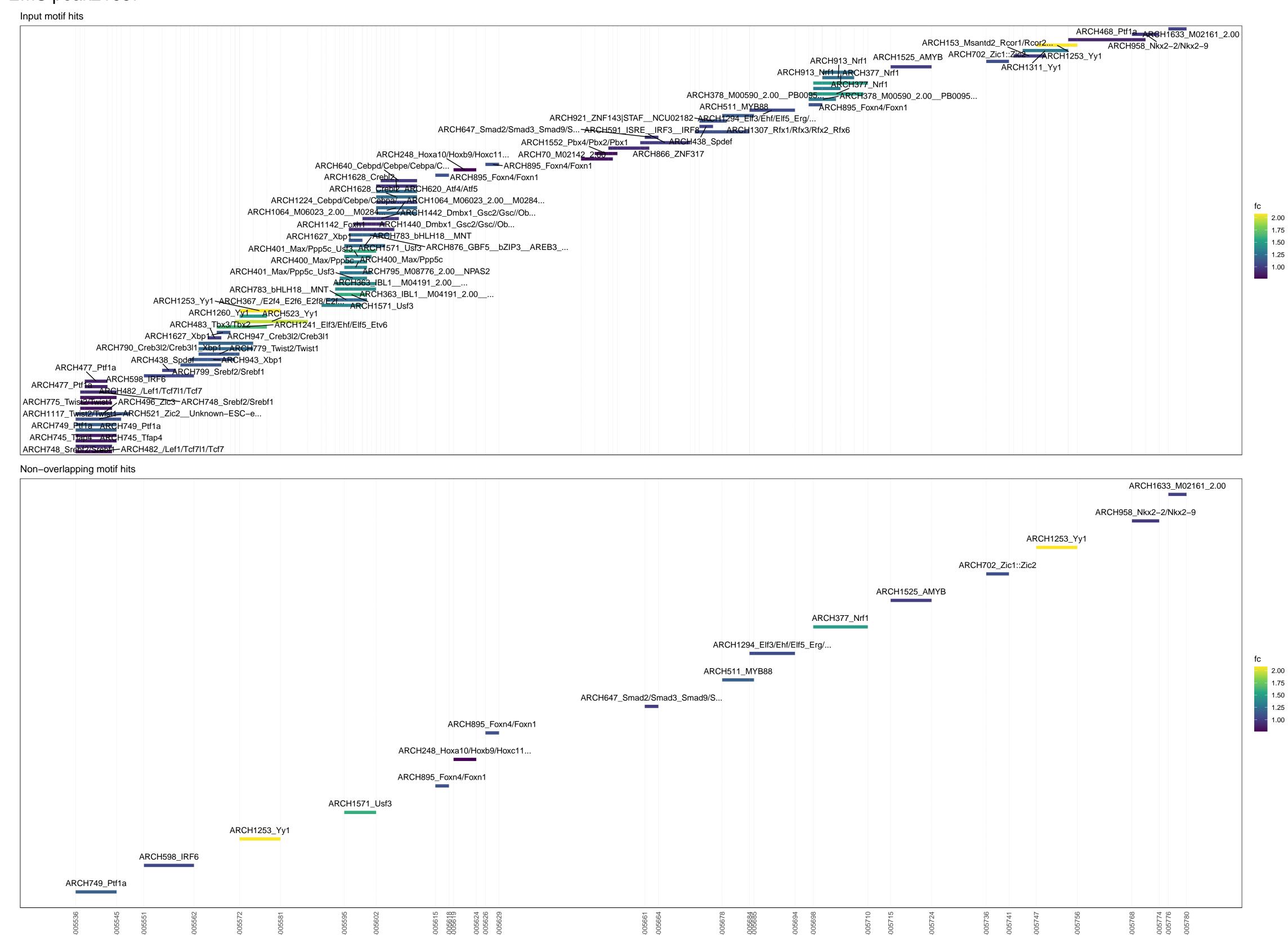
1.0

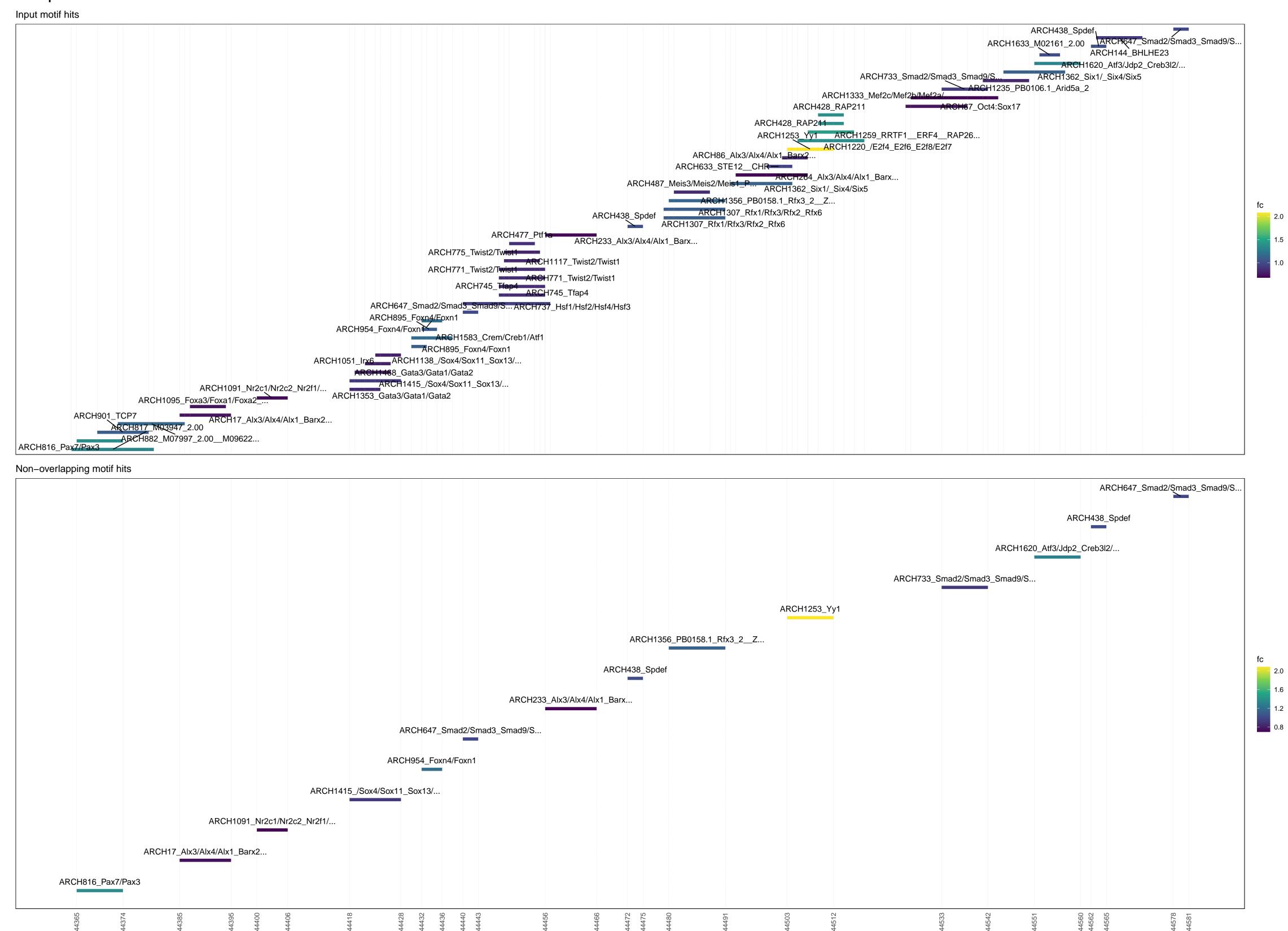
1.4

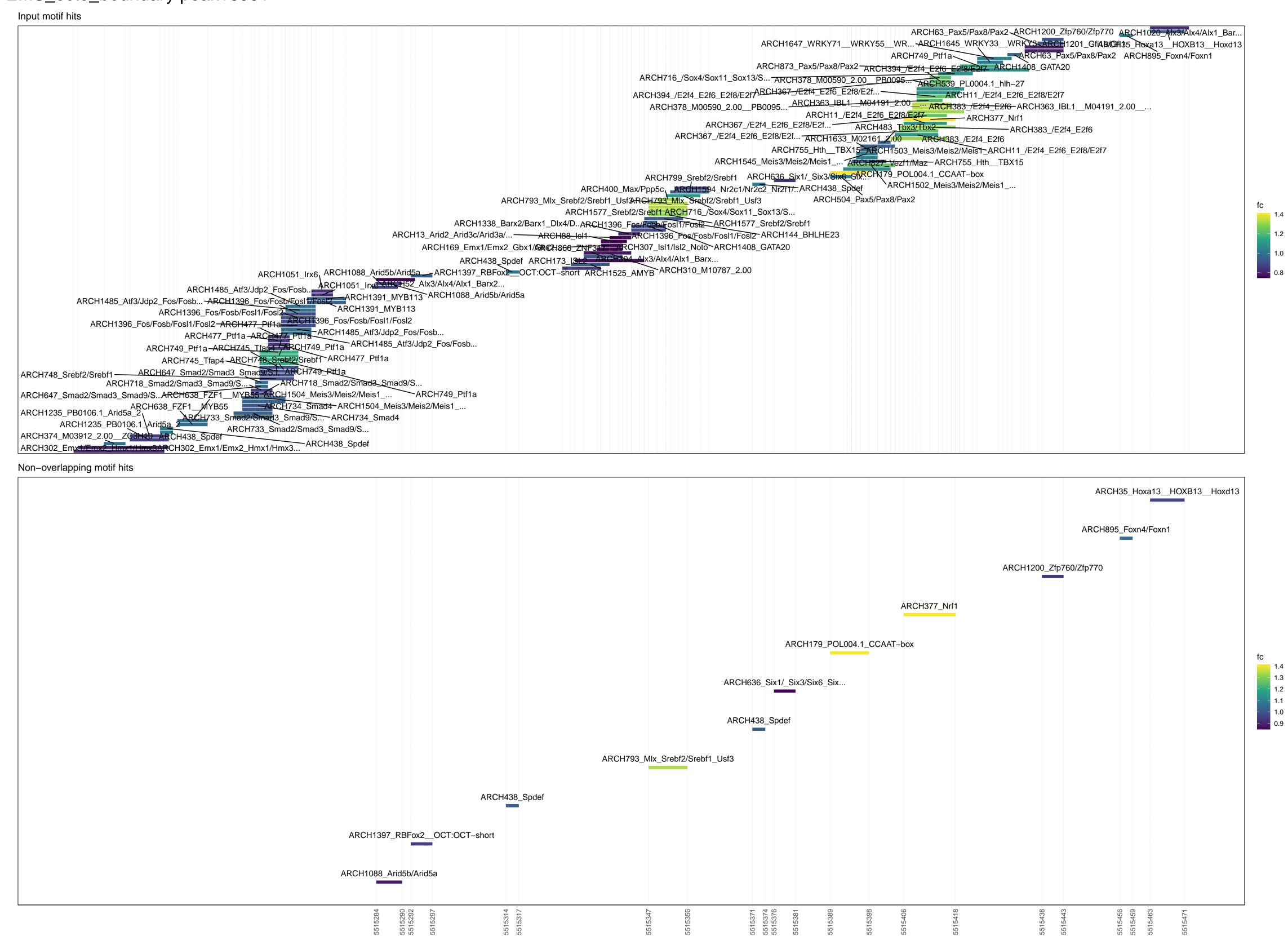
1.2

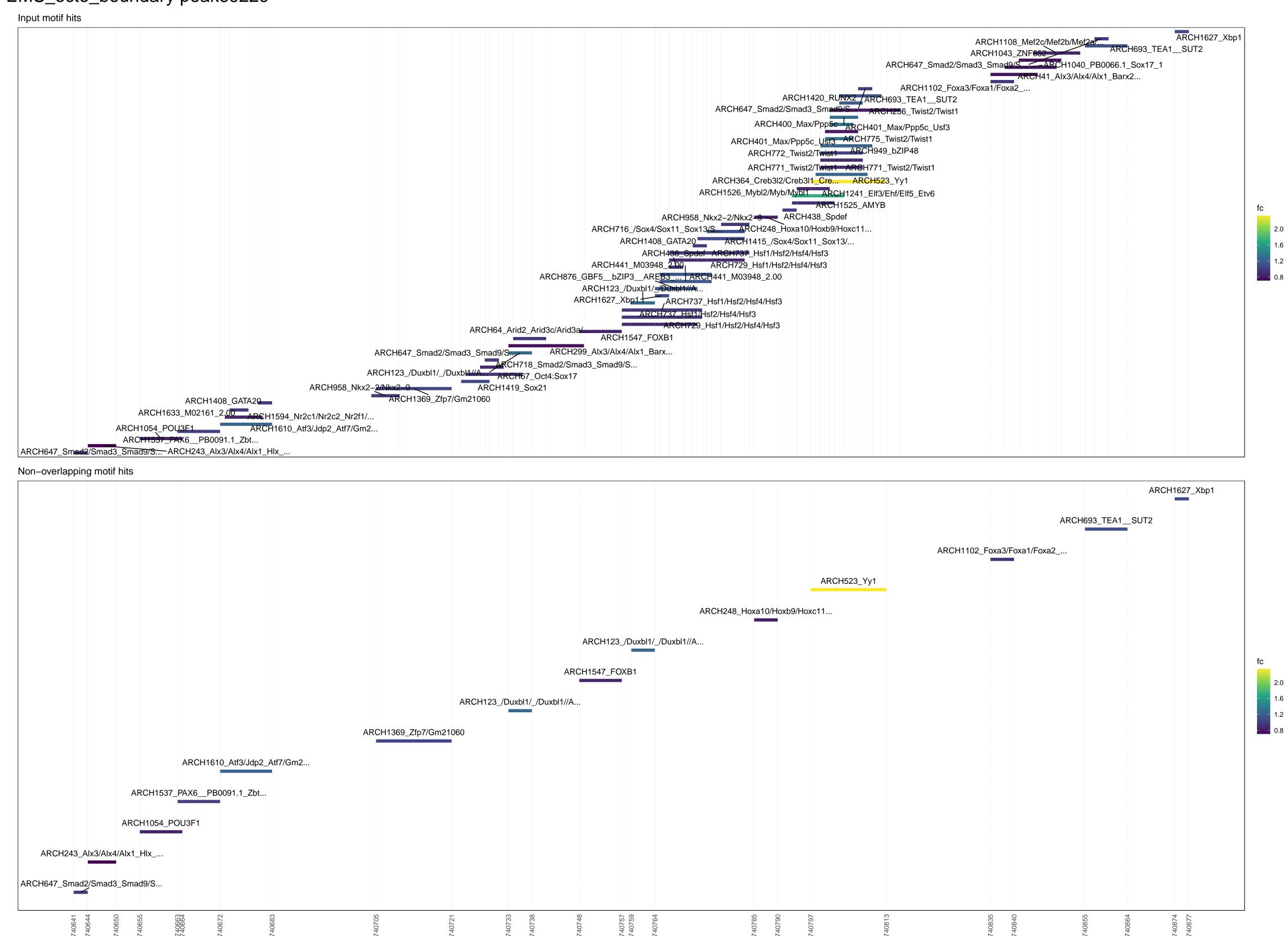
1.0

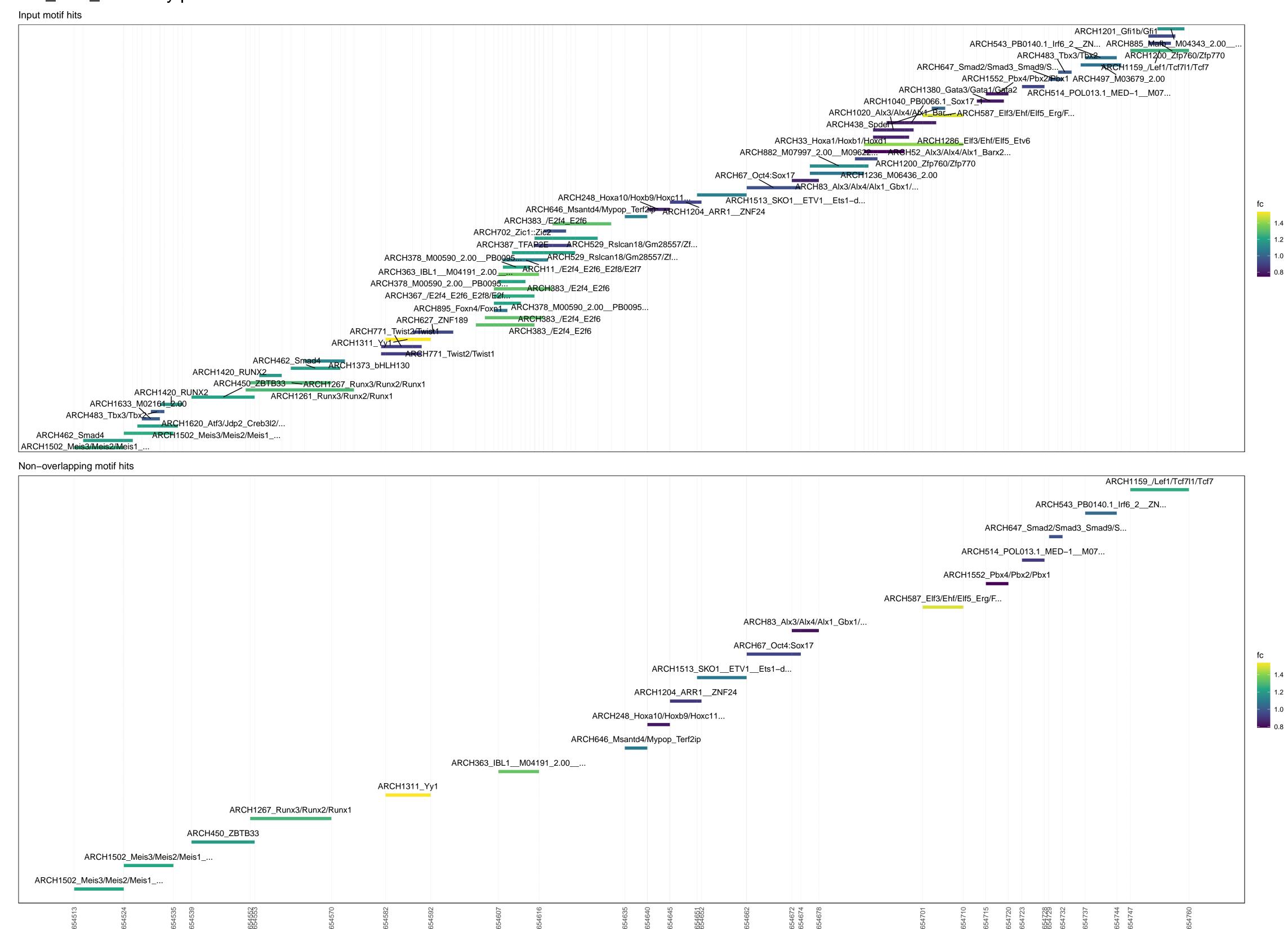


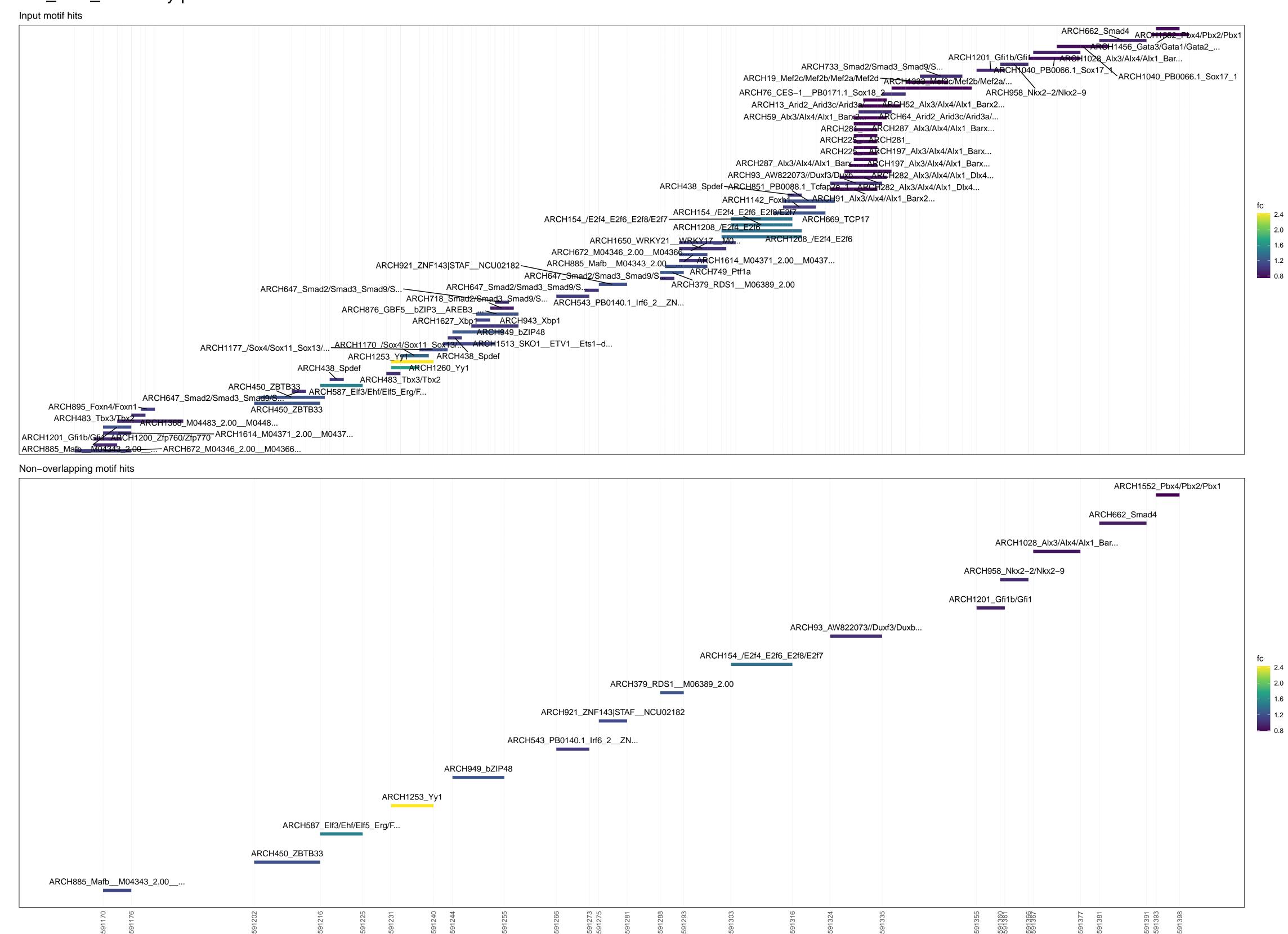


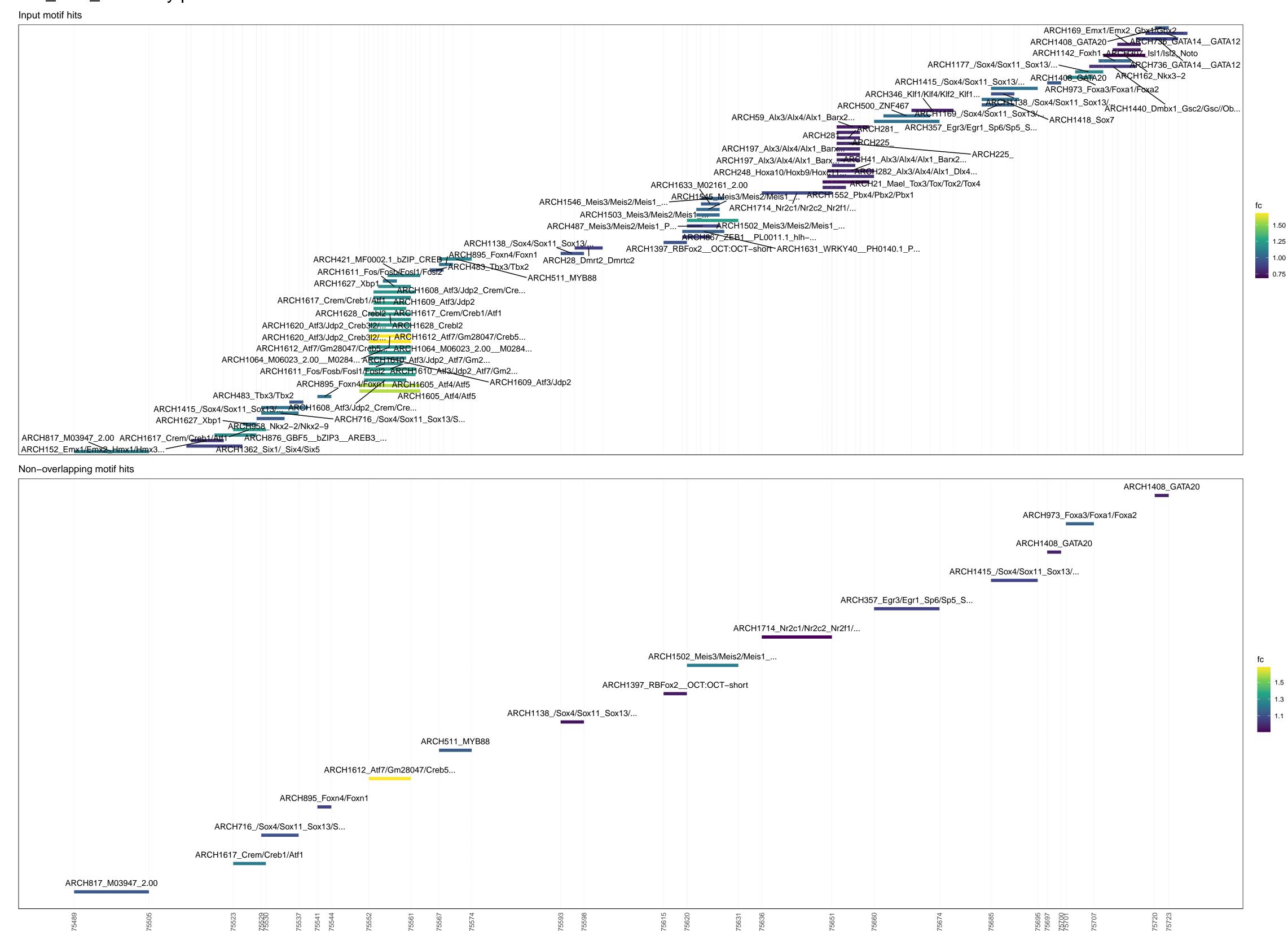


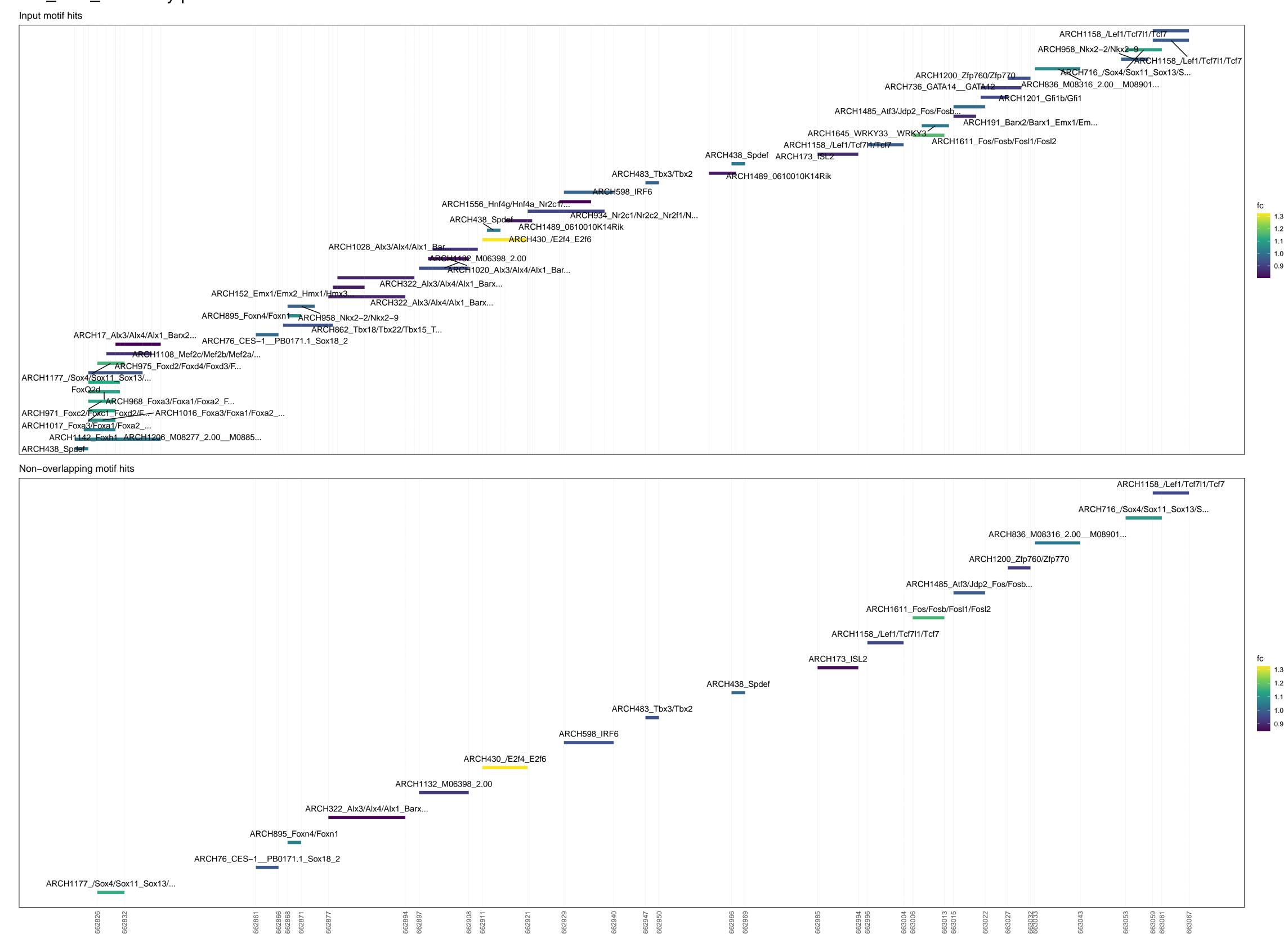


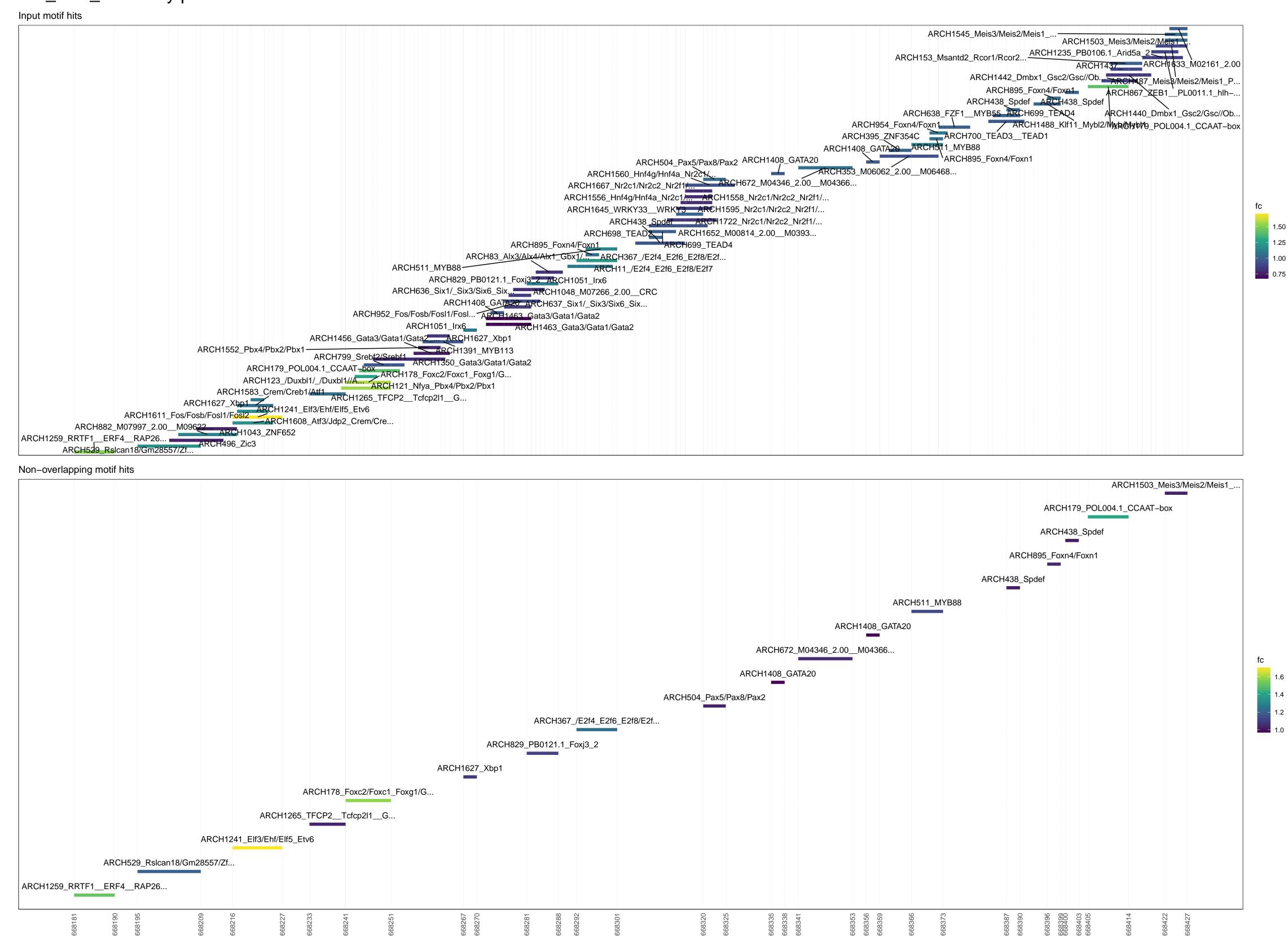


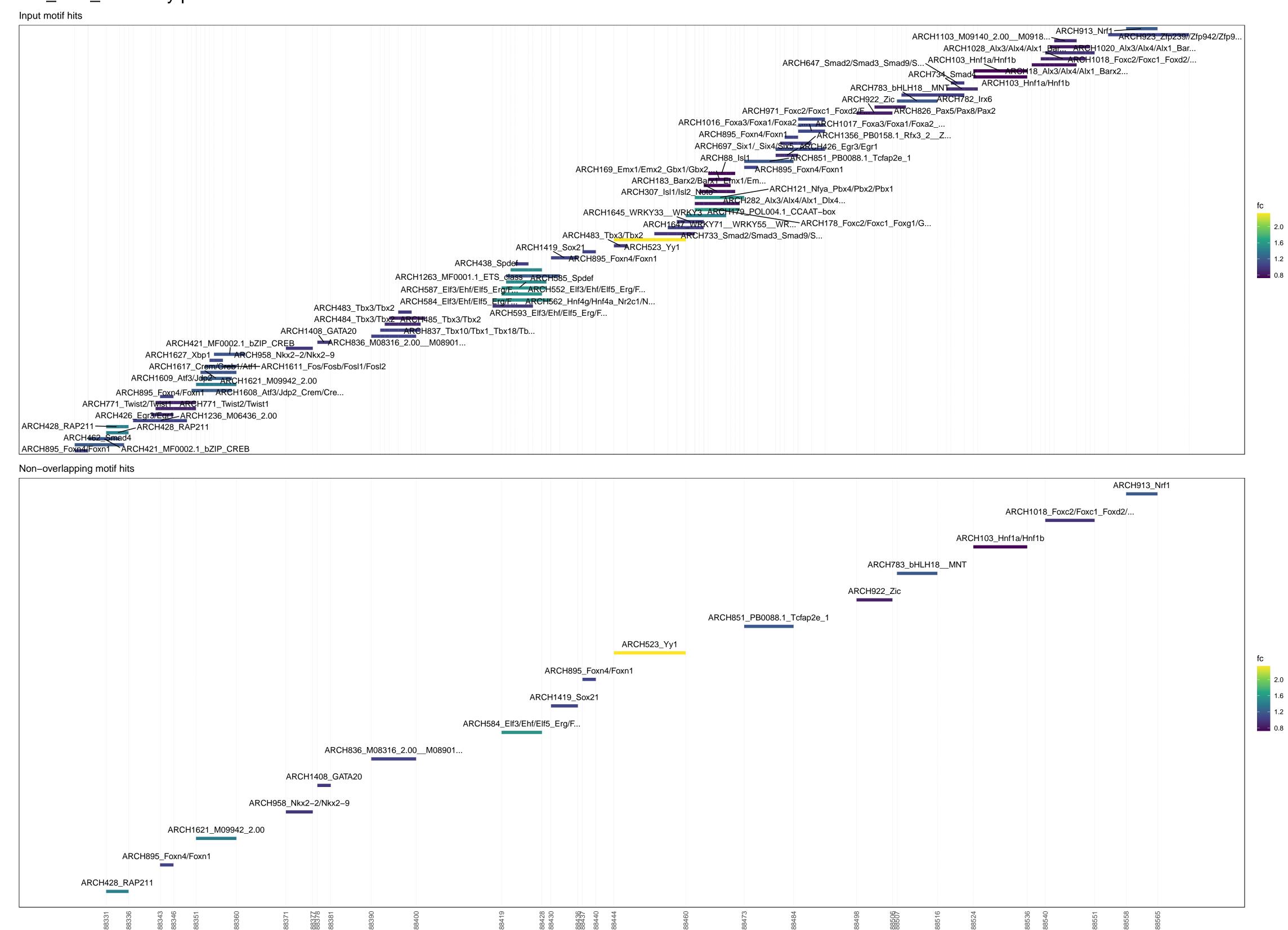


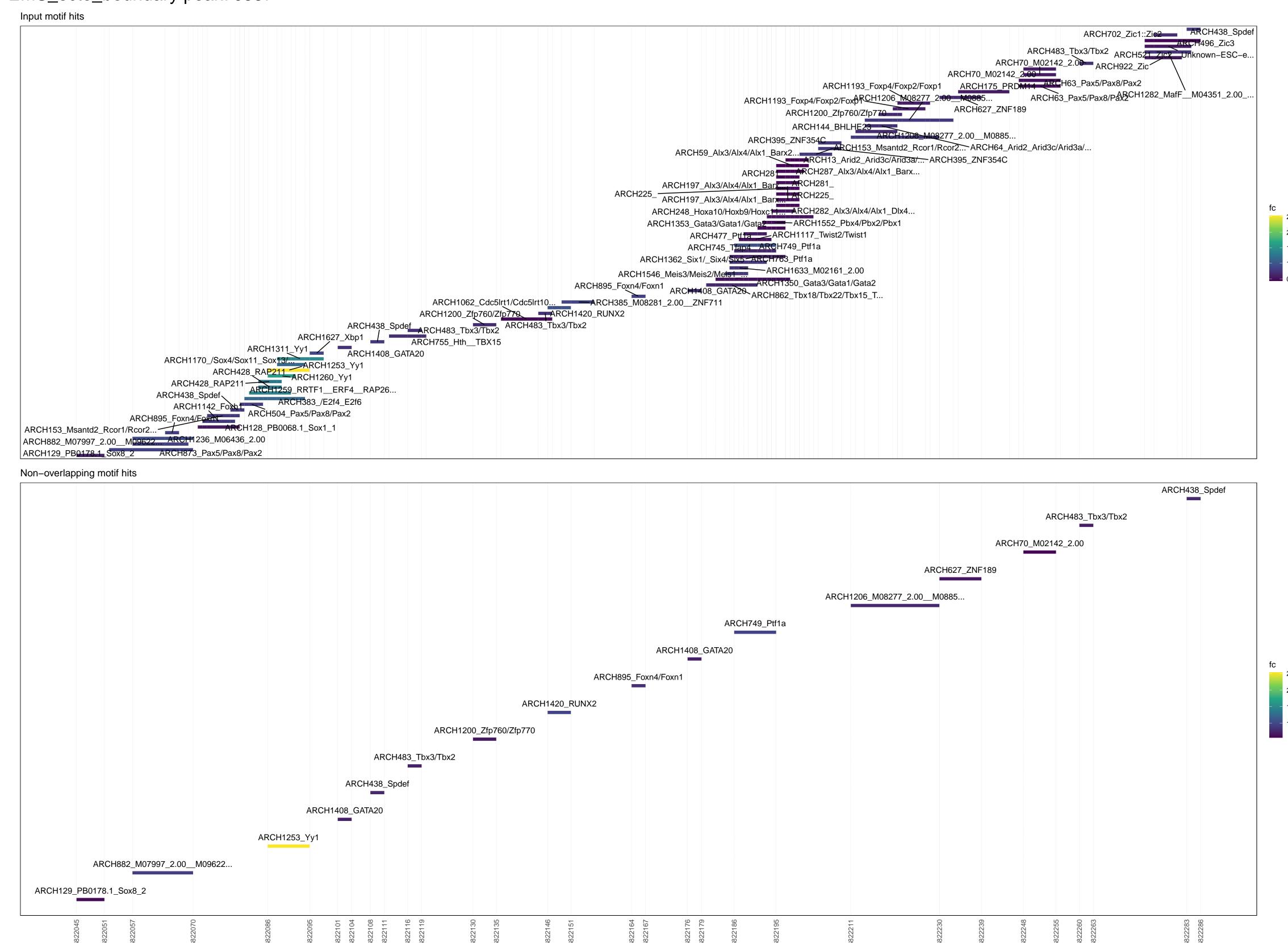


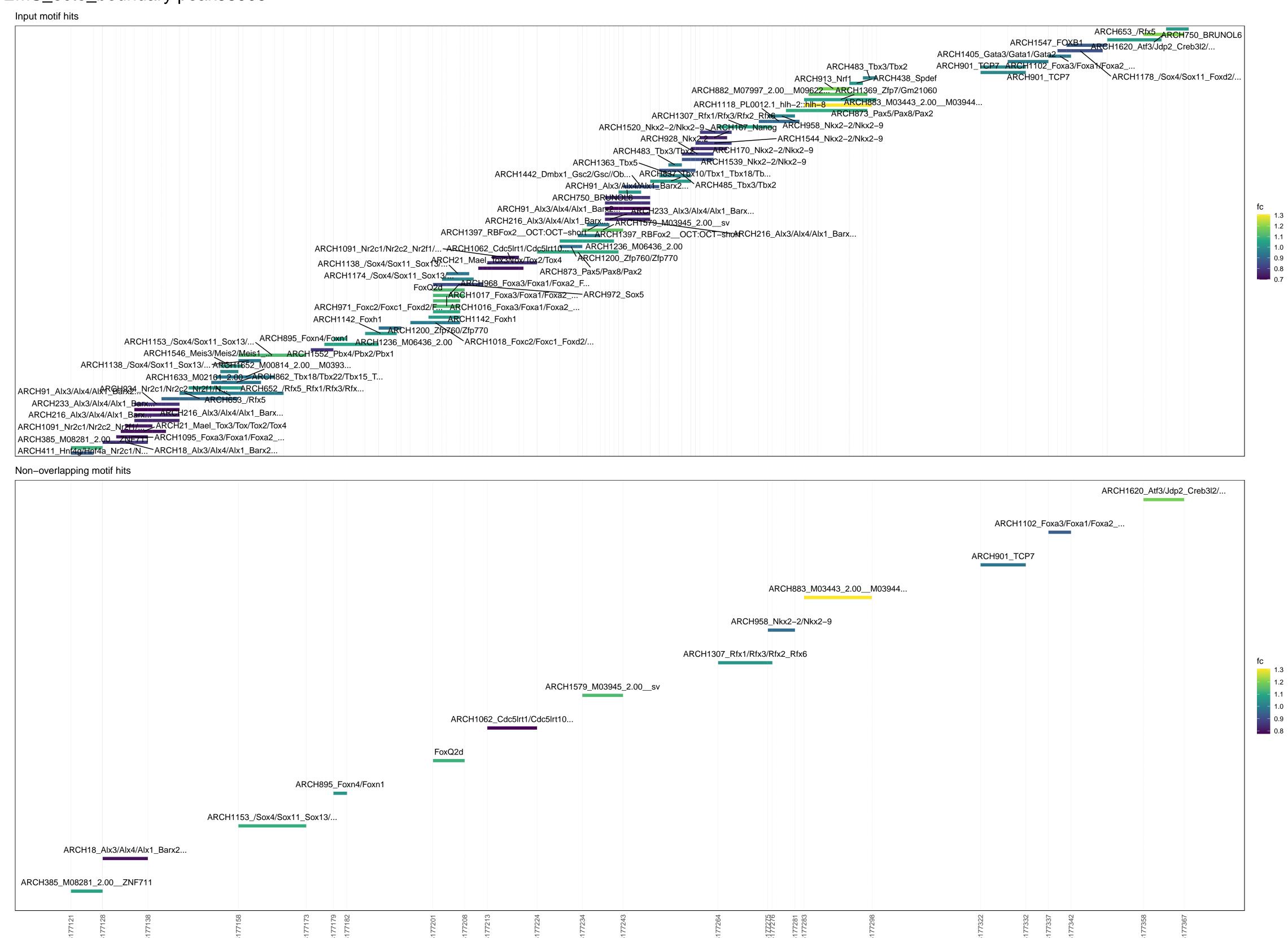






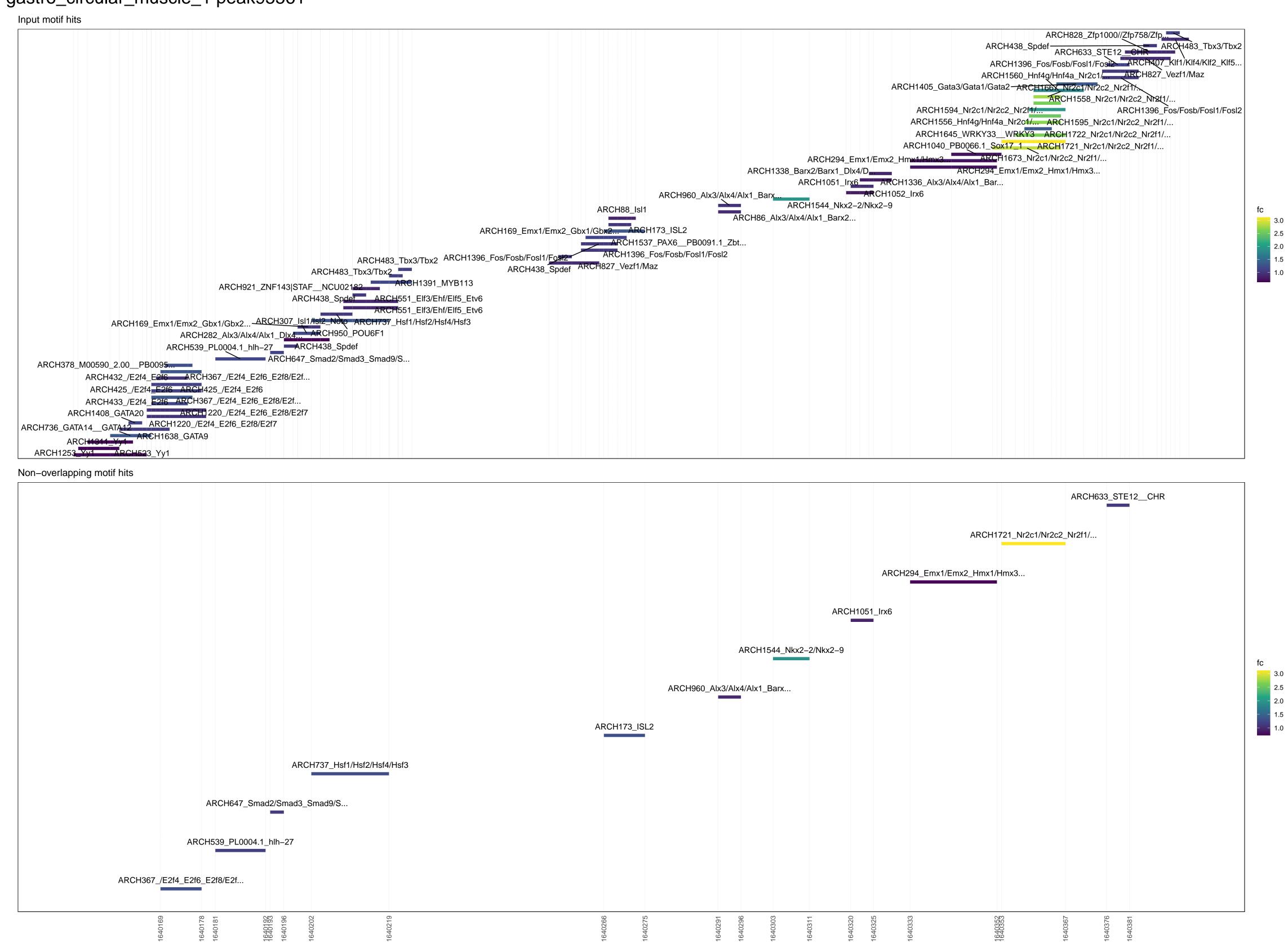






gastro_circular_muscle_1 peak44040 Input motif hits ARCH1193_Foxp4/Foxp2/Fom ARCH1193_Foxp4/Foxp ARCH1193_Foxp4/Foxp2/Foxp ARCH1193_Foxp4/Foxp2/Foxp1 ARCH1193_Foxp4/Foxp2/Foxp1 ARCH1193_Foxp4/Foxp2/Foxp1 ARCH1193_Foxp4/Foxp2/Foxp1 ARCH1193 Foxp4/Foxp2/Foxp1 ARCH1206_M08277_2.00__M0885___ARCH1206_M08277 ARCH144_BHLHE23 ARGH1206_MQ8277_2.00__M0885... ARCH771_Twist2/Twist1__ARCH1206_M08277_2.00__M0885... ARCH771_Twist2/Twist1 ARCH1575_Usf3 ARCH1048_M07266_2.00__CRC _ARCH1552_Pbx4/Pbx2/Pbx1 ARCH1611_Fos/Fosb/Fosl1/Fosl2 ARCH1444_Gata3/Gata1/Gata2 ARCH672_M04346_2.00_M04366...\ARCH672_M04346_2.00_M04366... 2.5 2.0 1.5 ARCH1281_Cic_Hbp1_Sox13/Sox... ARCH647_Smad2/Smad3_Smad9/S.__ARCH483_Tbx3/Tbx2 ARCH1386_ANKHD1__PTBP1 ARCH1647_WRKY71__WRKY55__WR. ARCH1556_Hnf4g/Hnf4a_Nr2<mark>c1/...__ARCH</mark>1650_WRKY21__WRKY17__M0... ARCH438_Spdef ARCH1722_Nr2c1/Nr2c2_Nr2f1/... ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH1142_Foxh1 ARCH1356_PB0158.1_Rfx3_2_Z... ARCH700_TEAD3__TEAD1 ARCH1420_RUNX2 ARCH949_bZIP48 ARCH1627_Xbp1___ ARCH924_/Lef1/Tcf7l1/Tcf7 ARCH954_Foxn4/Foxn4—ARCH462_Smad4 ARCH539_PL0004.1_hlh-27 ARCH647_Smad2/Smad3_Smad9/S. ARCH1311_Yy1_ Non-overlapping motif hits ARCH1193_Foxp4/Foxp2/Foxp1 ARCH1614_M04371_2.00__M0437... ARCH1627_Xbp1 ARCH1722_Nr2c1/Nr2c2_Nr2f1/... ARCH1440_Dmbx1_Gsc2/Gsc//Ob.. ARCH700_TEAD3__TEAD1 2.0 ARCH949_bZIP48 1.0 ARCH924_/Lef1/Tcf7I1/Tcf7 ARCH1311_Yy1 ARCH539_PL0004.1_hlh-27 ARCH647_Smad2/Smad3_Smad9/S...

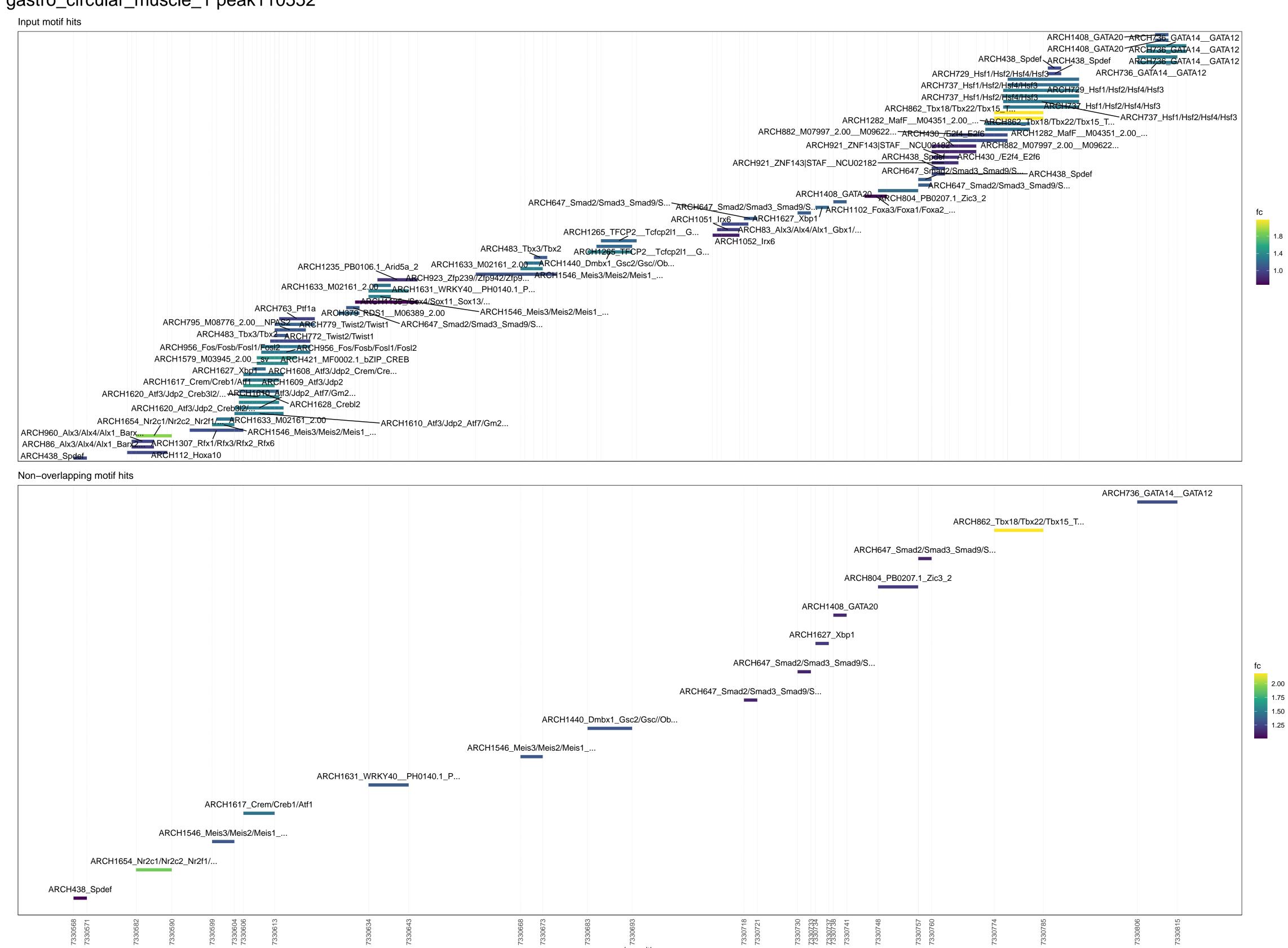
ARCH1311_Yy1

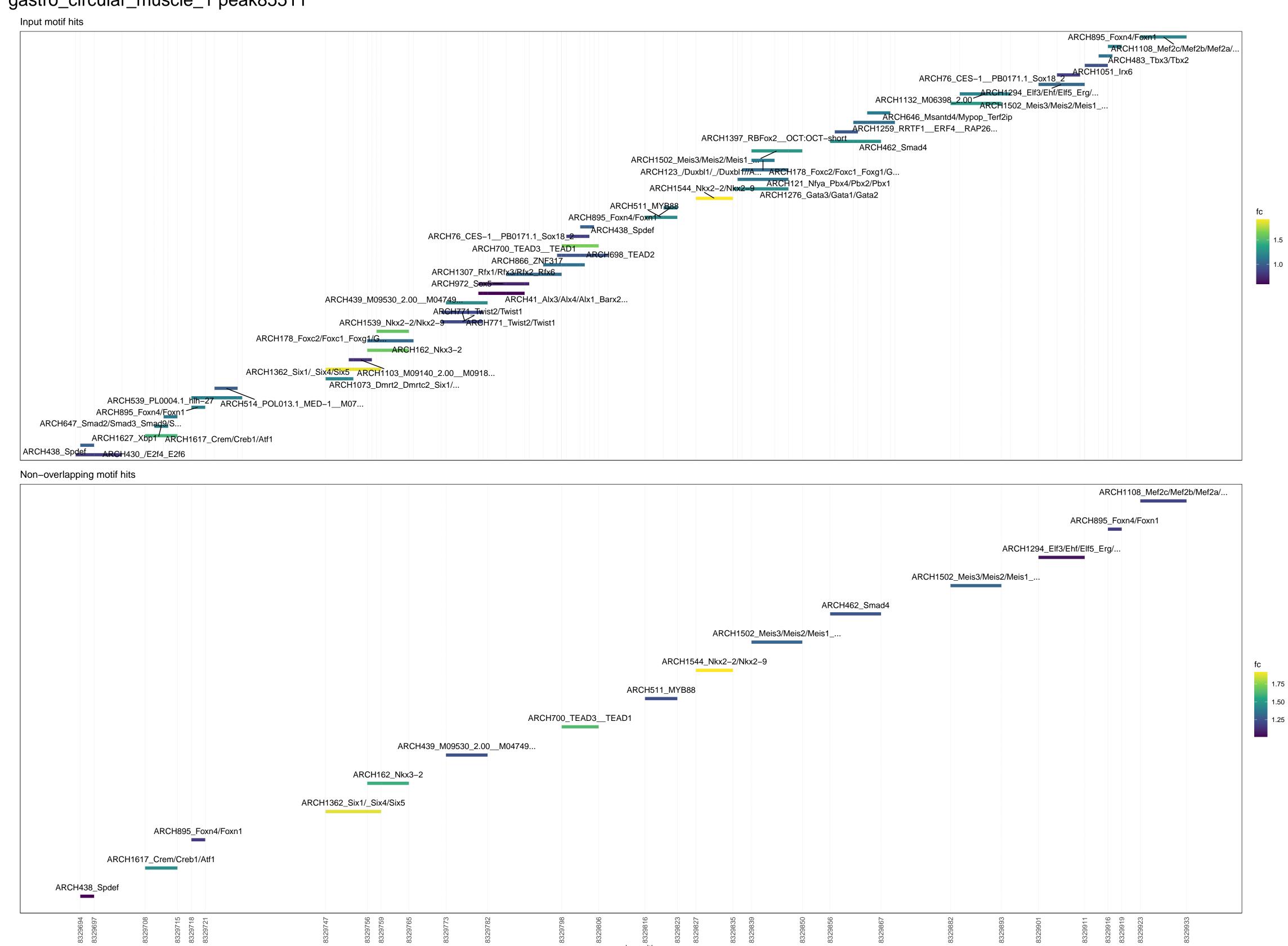


1.5

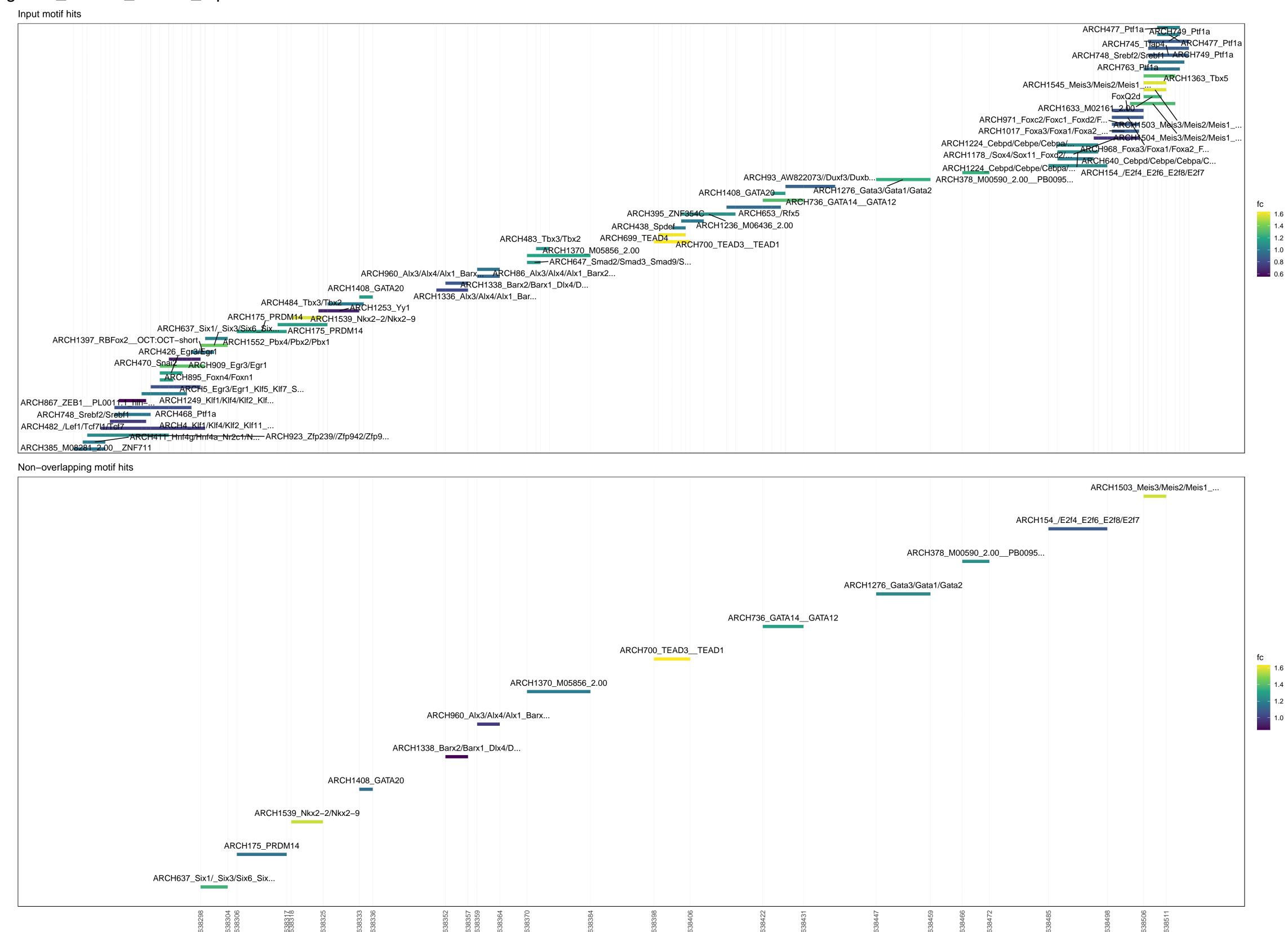
1.2

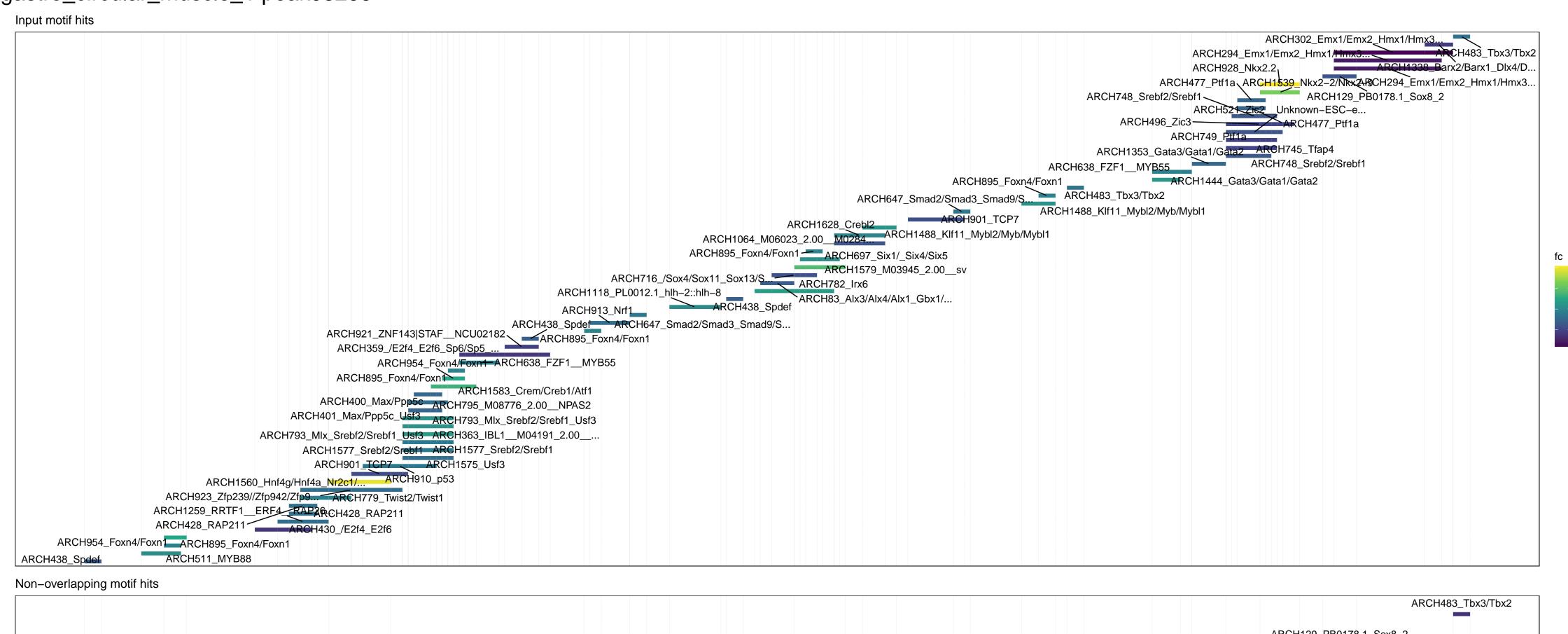
0.9

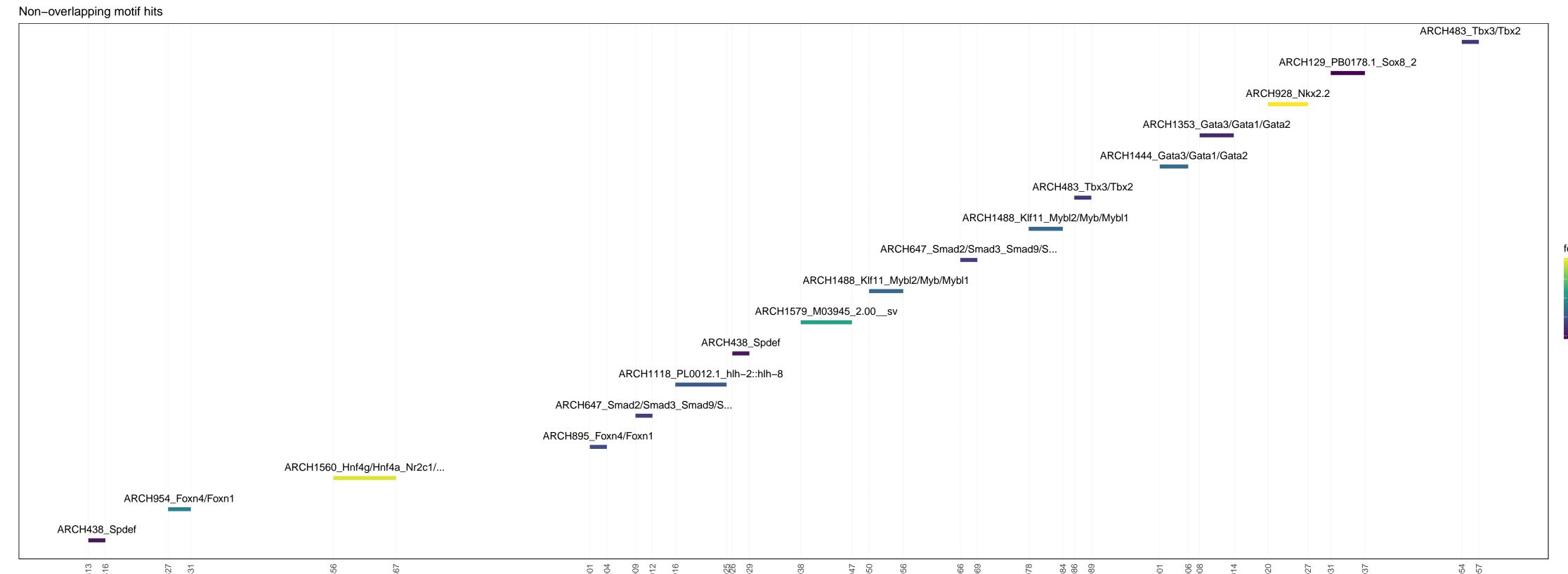




gastro_circular_muscle_1 peak13249 Input motif hits







1.4

1.2

gastro_circular_muscle_1 peak52407 Input motif hits ARCH438_Spdef ARCH123_/Duxbl1/_/Duxbl1//A... ARCH1265_TFCP2__Tcfcp2 ARCH1162_/Sox4/Sox11_Sox13/... ARCH1043_ZNF652 ARCH175_PRDM14 ARCH438_Spdef ARCH387_TFAP2E ARCH851_PB0088.1_Tcfap2e_1_ARCH387_TFAP2E ARCH483_Tbx3/Tbx2 ARCH862_Tbx18/Tbx22/Tbx15_T... ARCH1070_Dmrtc2_Irx6 ARCH411_Hnf4g/Hnf4a_Nr2c1/N. ARCH1560_Hnf4g/Hnf4a_Nr2c1/.../ ARCH1497_Hnf4g/Hnf4a_Nr2c1/... / ARCH1713_Hnf4g/Hnf4a_Nr2c1/... ARCH1595_Nr2c1/Nr2c2_Nr2f1/..., ARCH1556_Hnf4g/Hnf4a_Nr2c1/... ARCH1667_Nr2c1/Nr2c2_Nr2f1/... ARCH1558_Nr2c1/Nr2c2_Nr2f1/... ARCH1721_Nr2c1/Nr2c2_Nr2f1/... 3.0 ARCH1722_Nr2c1/Nr2c2_Nr2f1/... ARCH1594_Nr2c1/Nr2c2_Nr2f1/... 2.5 2.0 ARCH272_Pax5/Pax8/Pax2 ARCH1369_Zfp7/Gm21060_ ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH428_RAP211_ARCH428_RAP211 ARCH647_Smad2/Smad3_Smad9/S... ARCH636_Six1/_Six3/Six6_Six... ARCH1073_Dmrt2_Dmrtc2_Six1/... ARCH438_Spdef ARCH1244_ARALYDRAFT_484486 ARCH1356_PB0158.1_Rfx3_2__Z... ARCH123_/Duxbl1/_/Duxbl1//A... ARCH1177_/Sox4/Sox11_Sox13/.__ARCH121_Nfya_Pbx4/Pbx2/Pbx1 ARCH178_Foxc2/Foxc1_Foxg1/G... ARCH1135_/Sox4/Sox11_Sox13/... ARCH1187_/Sox4/Sox11_Sox13/...- ARCH1164_/Sox4/Sox11_Sox13/... ARCH1418_Sox7—ARCH1169_/Sox4/Sox11_Sox13/... ARCH1419_Sox21 Non-overlapping motif hits ARCH438_Spdef ARCH123_/Duxbl1/_/Duxbl1//A... ARCH1265_TFCP2__Tcfcp2l1__G... ARCH1043_ZNF652 ARCH387_TFAP2E ARCH862_Tbx18/Tbx22/Tbx15_T... ARCH483_Tbx3/Tbx2 ARCH1721_Nr2c1/Nr2c2_Nr2f1/... ARCH1369_Zfp7/Gm21060 2.5 ARCH394_/E2f4_E2f6_E2f8/E2f7 2.0 1.5 ARCH647_Smad2/Smad3_Smad9/S... ARCH636_Six1/_Six3/Six6_Six... ARCH717_SOX12 ARCH1244_ARALYDRAFT_484486 ARCH438_Spdef ARCH1356_PB0158.1_Rfx3_2_Z... ARCH123_/Duxbl1/_/Duxbl1//A...

ARCH1419_Sox21

15812804

genomic position

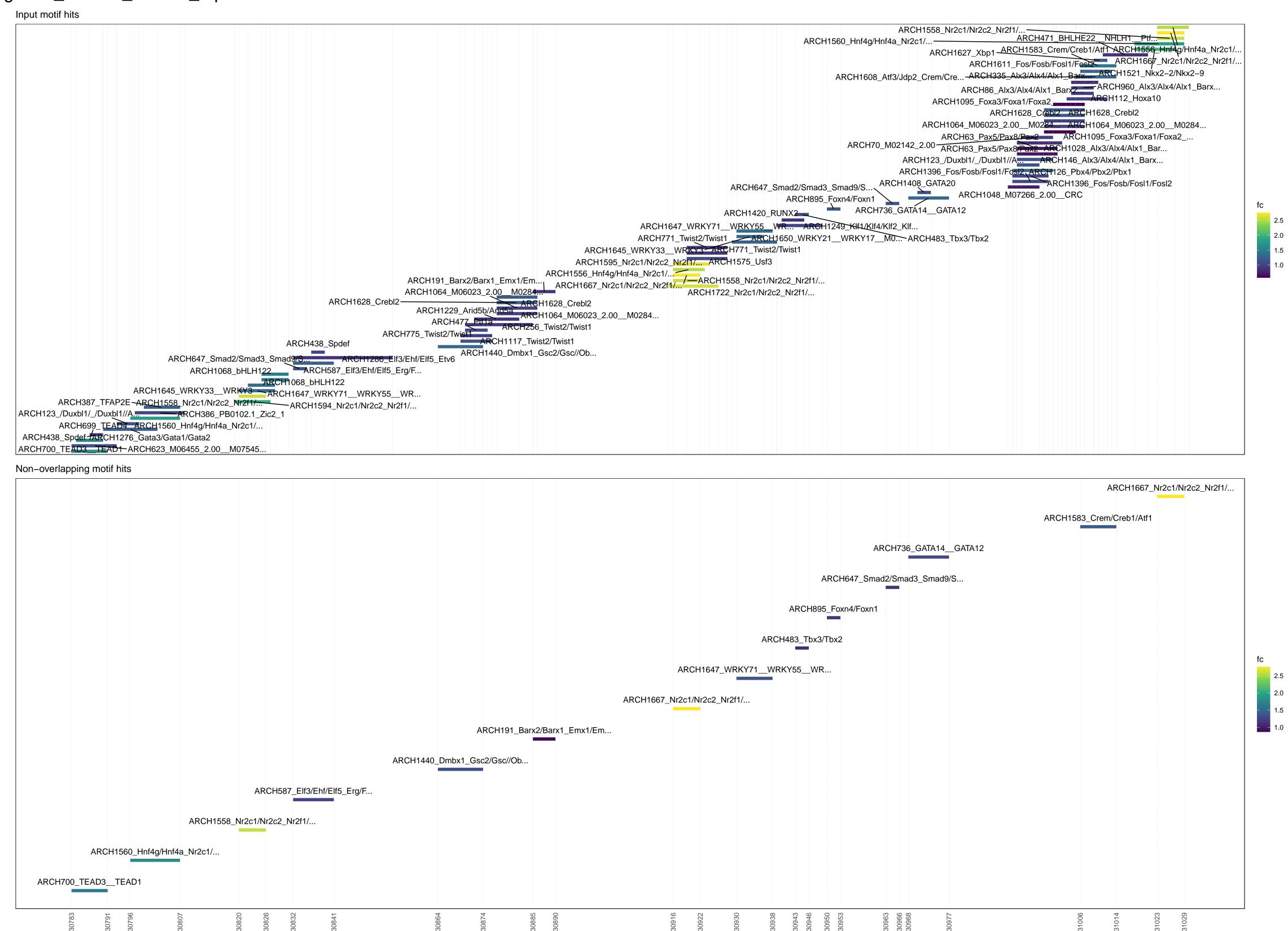
1.4

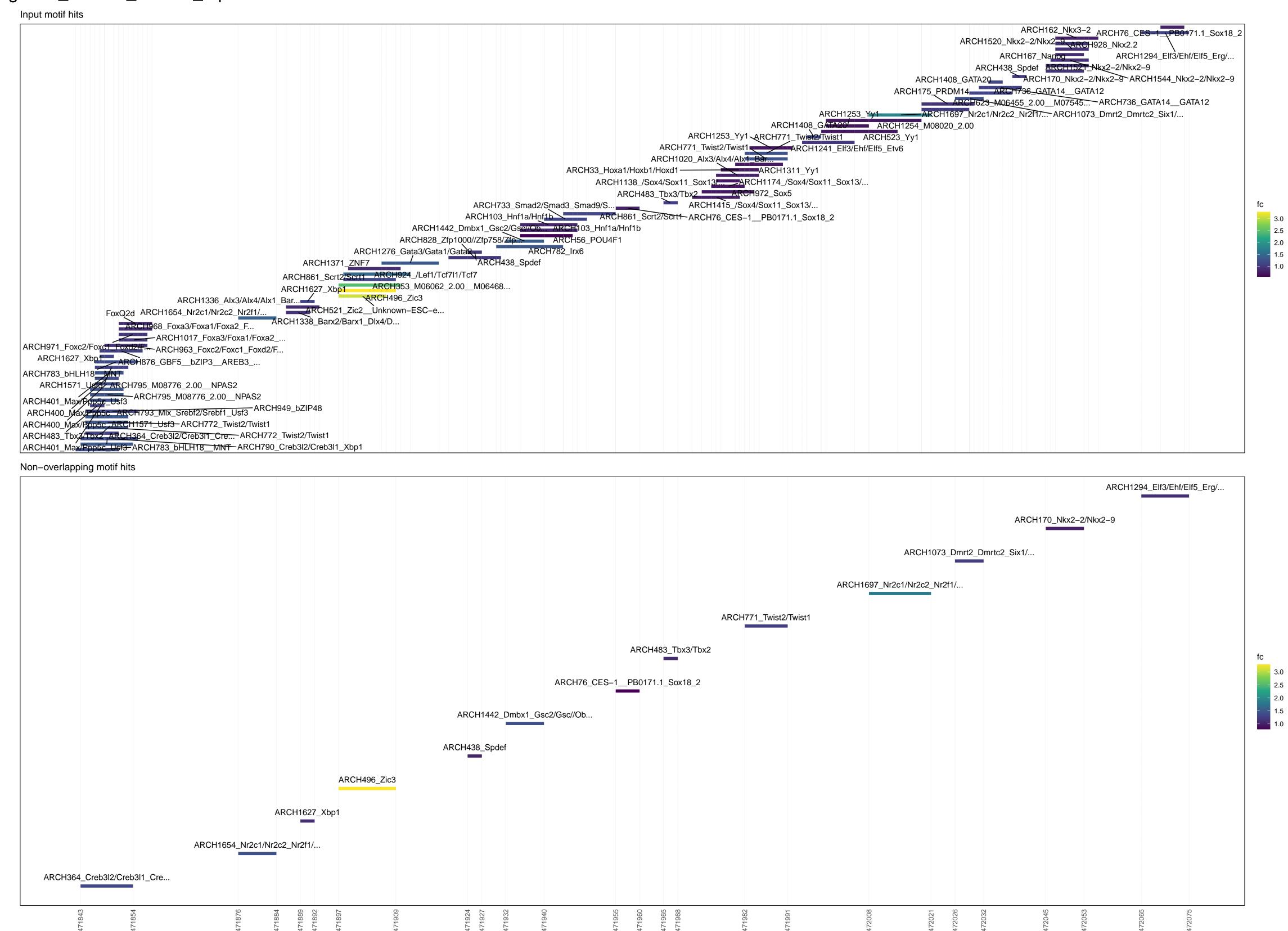
1.2

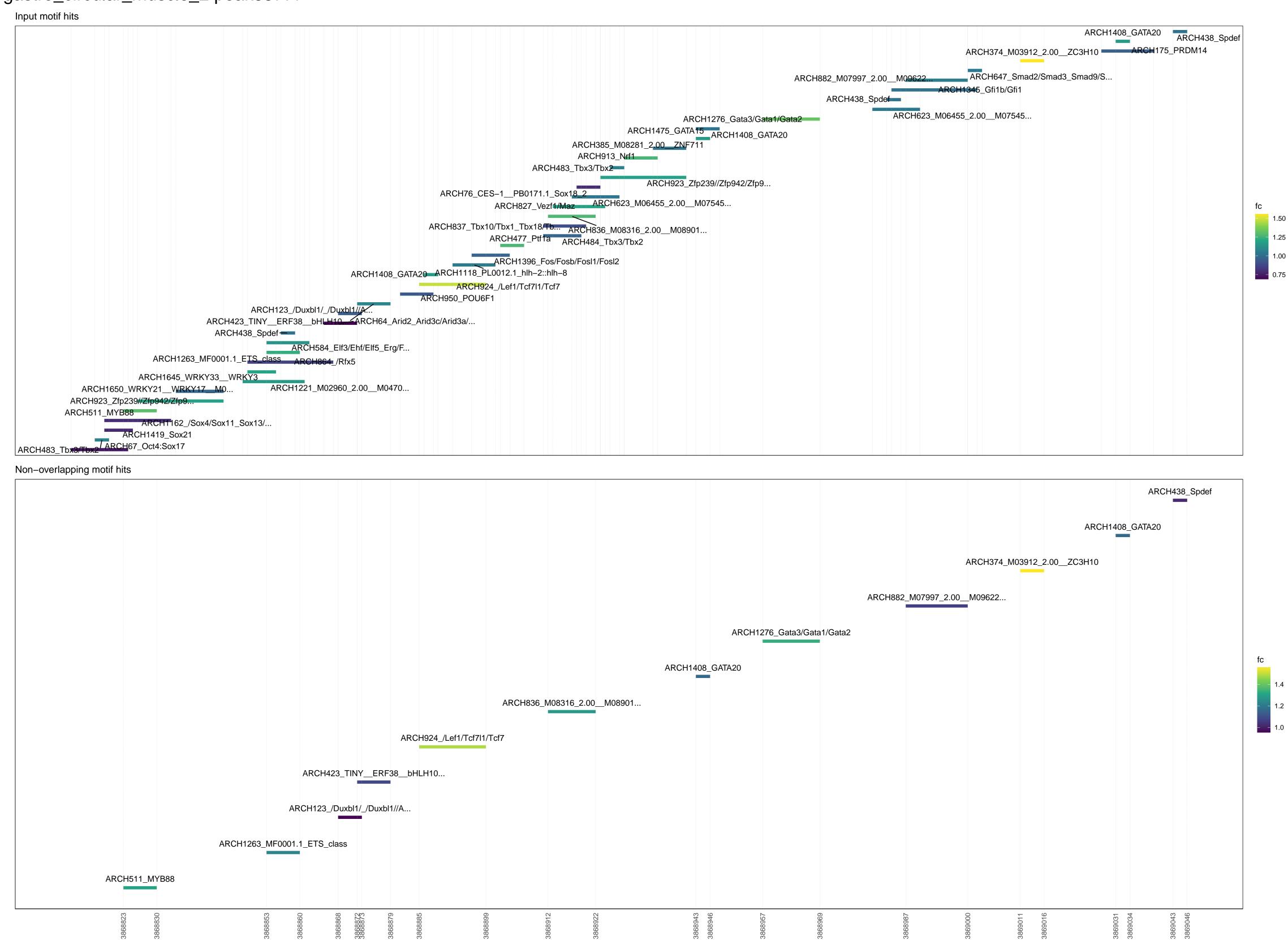
0.8

1.2

1.0







gastro_circular_muscle_2 peak79662 Input motif hits ARCH1442_Dmbx1_Gsc2/Gsc//Ob. ARCH1103_M09140_2.00__M0918... ARCH1353_Gata1/Gata2 ARCH1103_M09140_2.00__M0918...ARCH1353_Gata3/Gata1/Gata2 ARCH13_Arid2_Arid3c/Arid3a/.. ARCH1488_Klf11_Mybl2/Myb/Mybl1 ARCH1028_Alx3/Alx4/Alx1_Bar.. ARCH1552_Pbx4/Pbx2/Pbx1 ARCH1456_Gata3/Gata1/Gata2_... ARCH1552_Pbx4/Pbx2/Pbx1 ARCH623_M06455_2.00__M07545...ARCH1353_Gata3/Gata1/Gata2 ARCH1456_Gata3/Gata1/Gata2_... ARCH483_Tbx3/Tbx2 ARCH1391_MYB113 ARCH1408_GATA20 ARCH26_Nkx3-2 ARCH1502_Meis3/Meis2/Meis1 ARCH1229_Arid5b/Arid5a ARCH485_Tbx3/Tbx2 ARCH1475_GATA15 ARCH438_Spdef ARCH173_ISL2 ARCH1263_MF0001.1_ETS_class ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH552_Elf3/Ehf/Elf5_Erg/F... ARCH377_Nrf1 ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH1244_ARALYDRAFT_484486 ARCH1282_MafF__M04351_2.00____ ARCH885_Mafb__M04343_2.00____ARCH1614_M04371_2.00__M0437... ARCH1485_Atf3/Jdp2_Fos/Fosb... ARCH672_M04346_2.00__M04366... ARCH59_Alx3/Alx4/Alx1_Barx2... ARCH672_M04346_2.00__M04366... ARCH281__ARCH287_Alx3/Alx4/Alx1_Barx...

ARCH225__ARCH281_

ARCH197_Alx3/Alx4/Alx1_Barx...ARCH197_Alx3/Alx4/Alx1_Barx...

ARCH335_Alx3/Alx4/Alx1_Barx..._ARCH152_Emx1/Emx2_Hmx1/Hmx3...

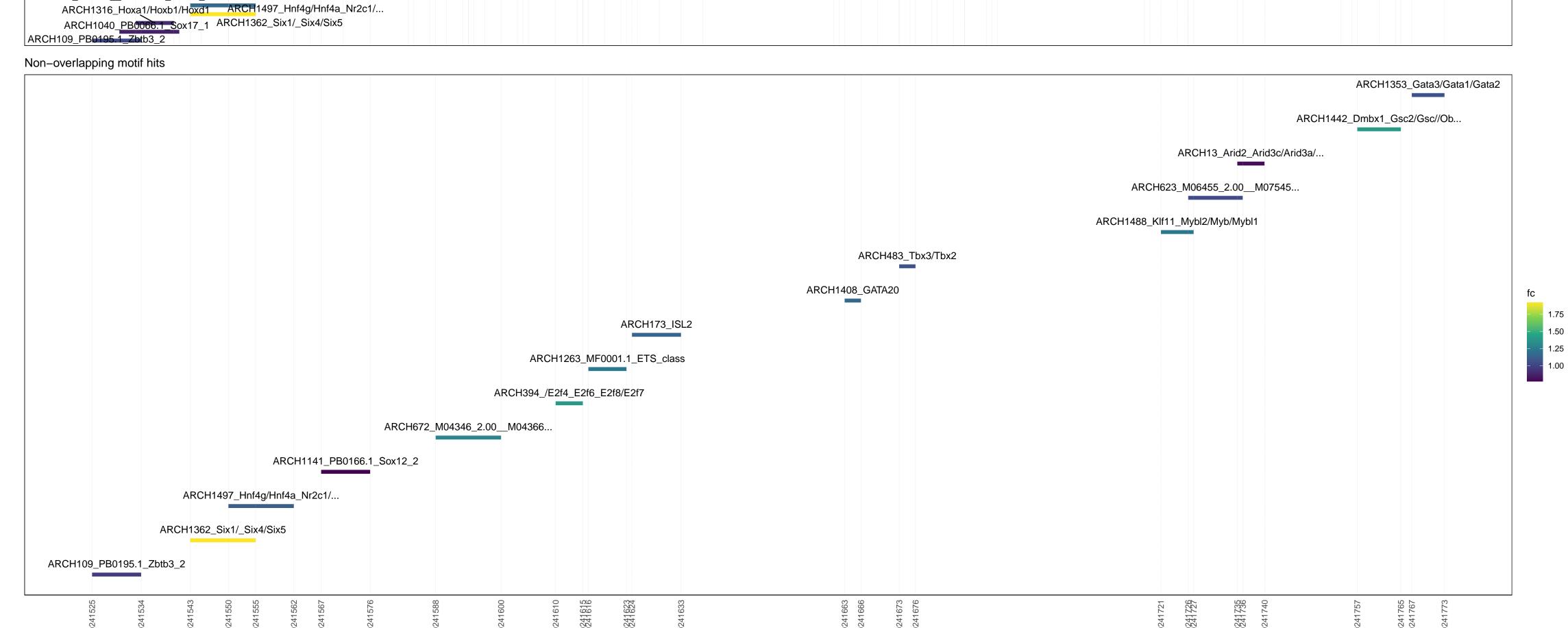
ARCH1281_Cic_Hbp1_Sox13/Sox...

ARCH225_

ARCH1497_Hnf4g/Hnf4a_Nr2c1/... ARCH1141_PB0166.1_Sox12_2 ARCH1281_Cic_Hbp1_Sox13/Sox...

ARCH1177_/Sox4/Sox11_Sox13/...

ARCH76_CES-1__PB0171.1_Sox18_2



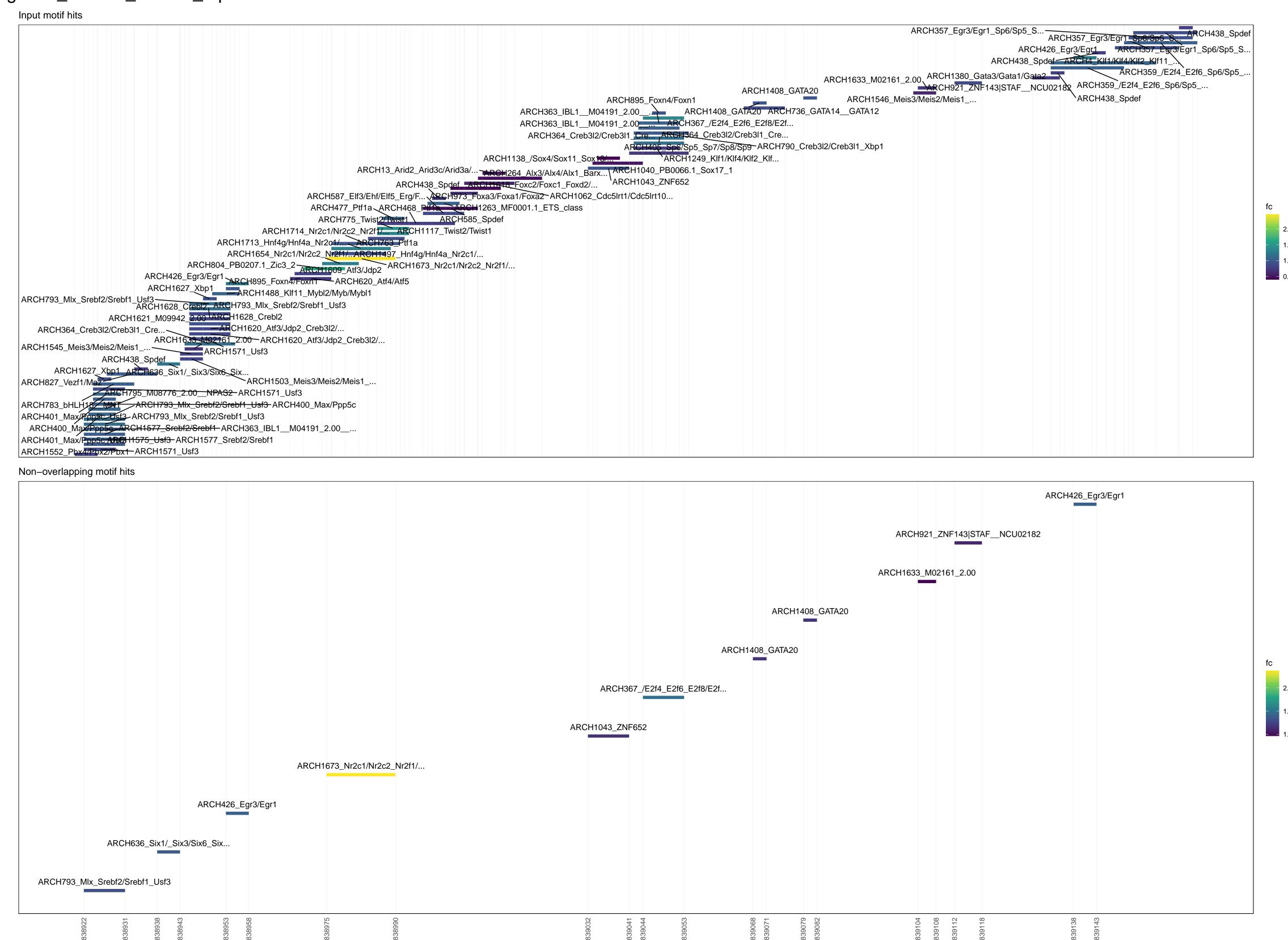
ARCHN442_Dmbx1_Gsc2/Gsc//Ob..

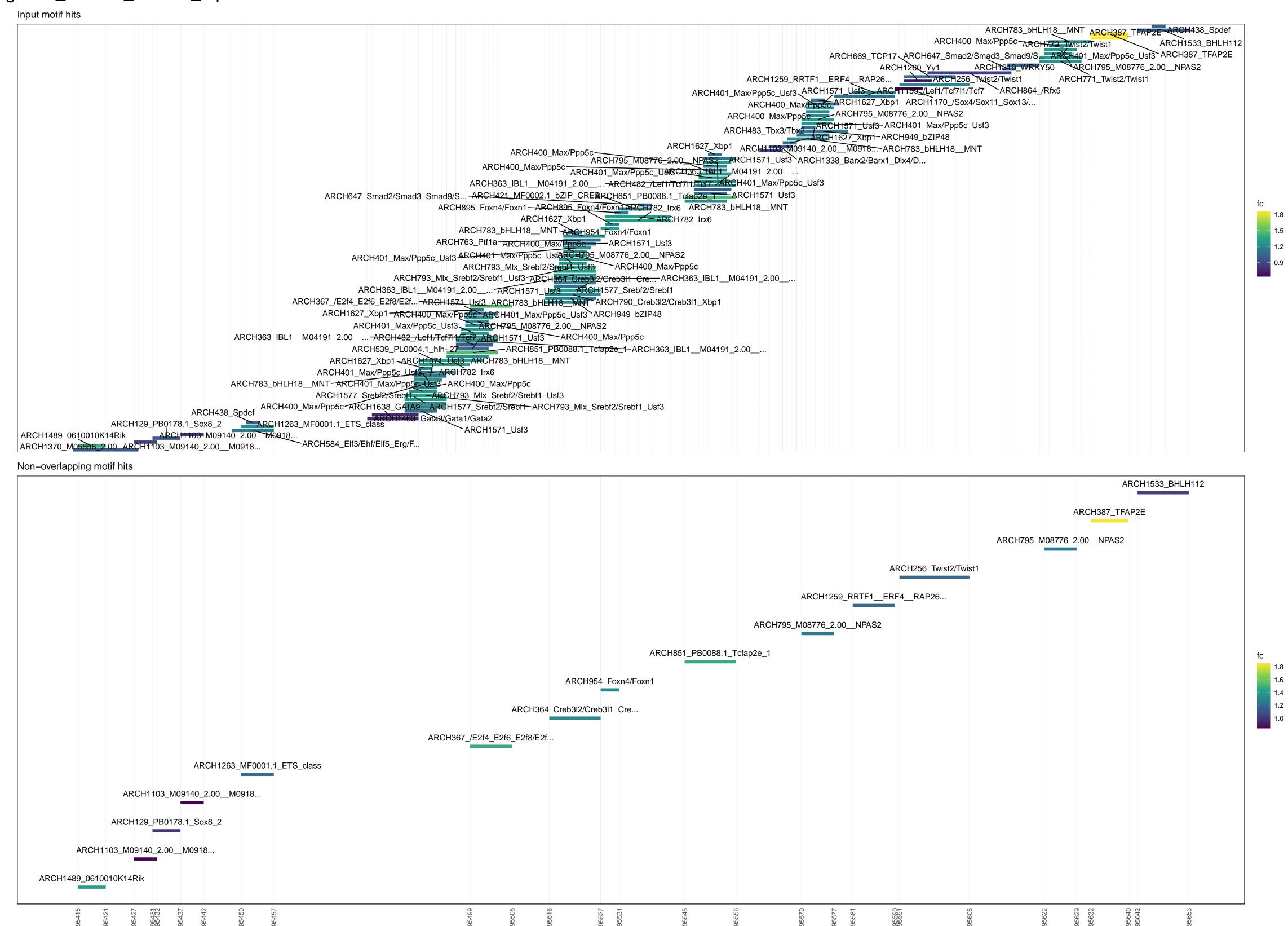
1.50

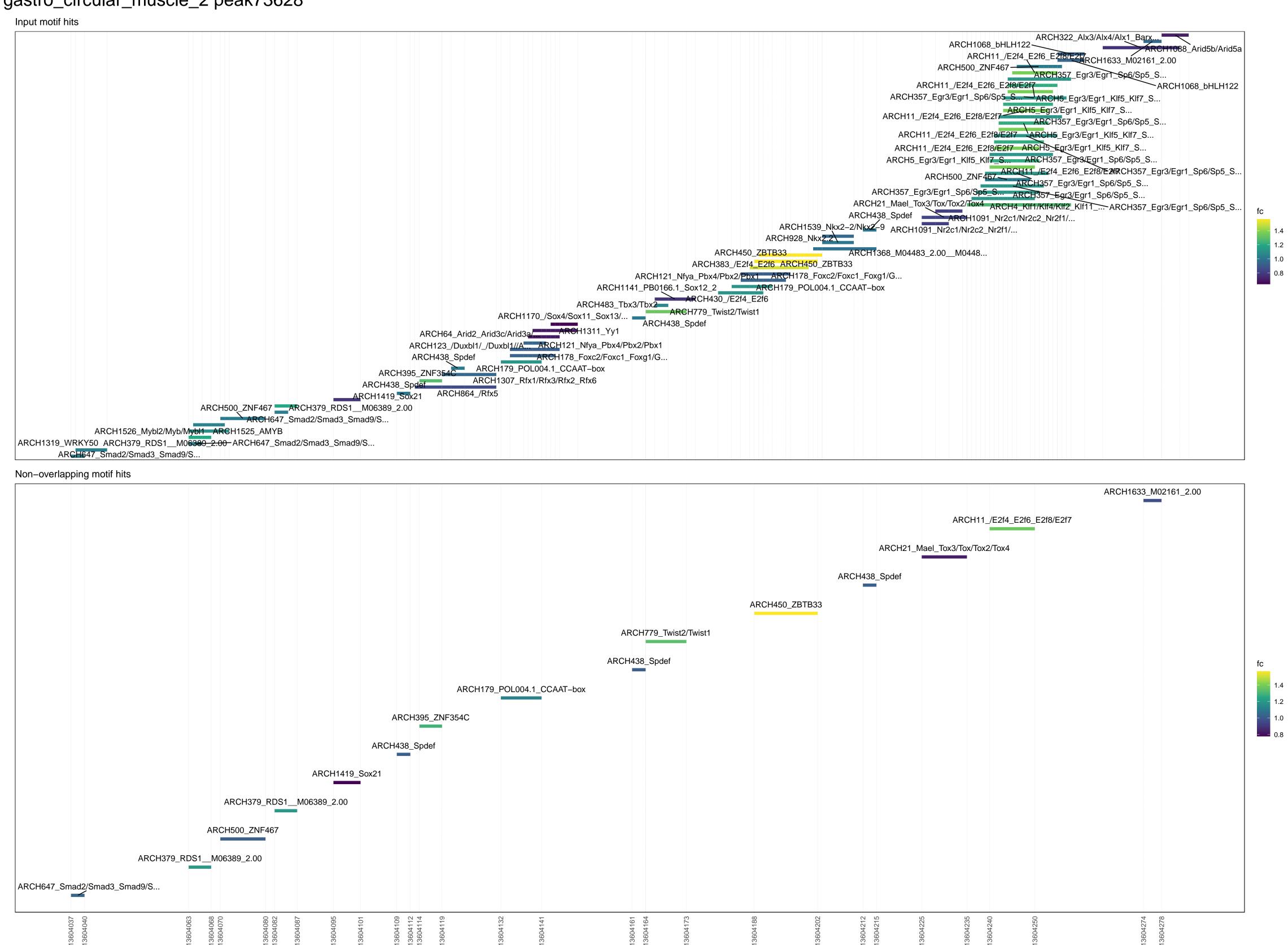
1.25

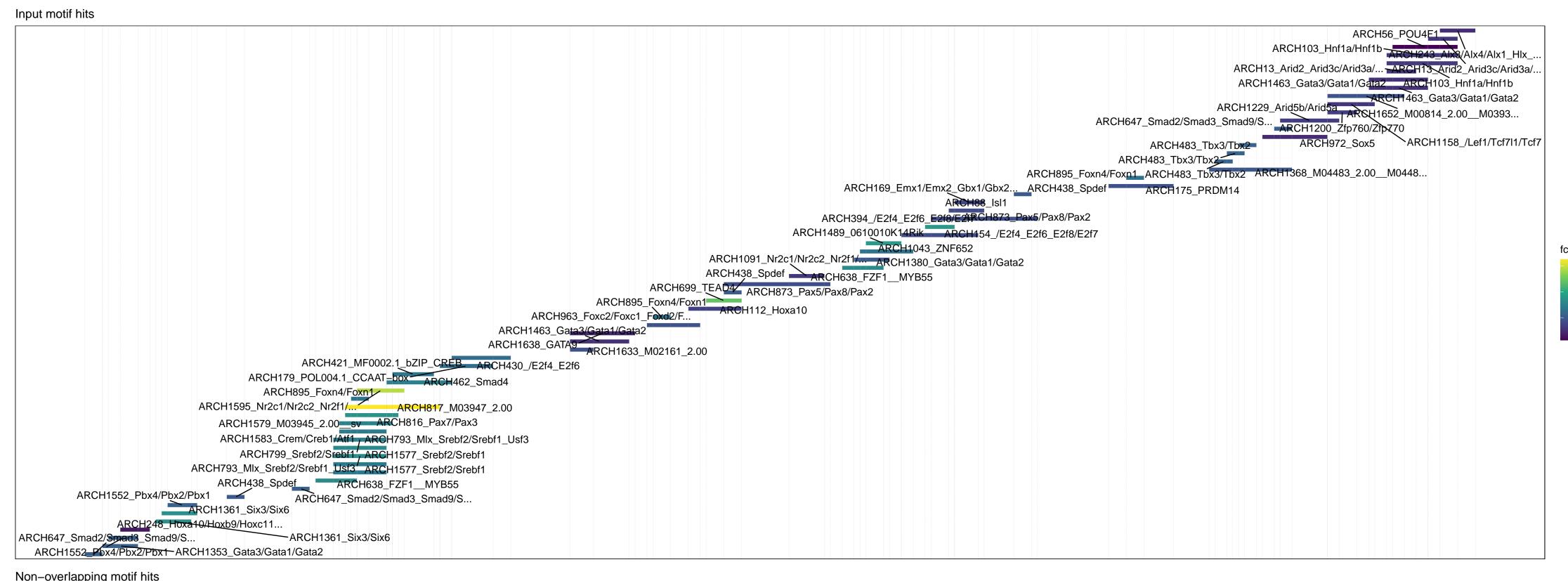
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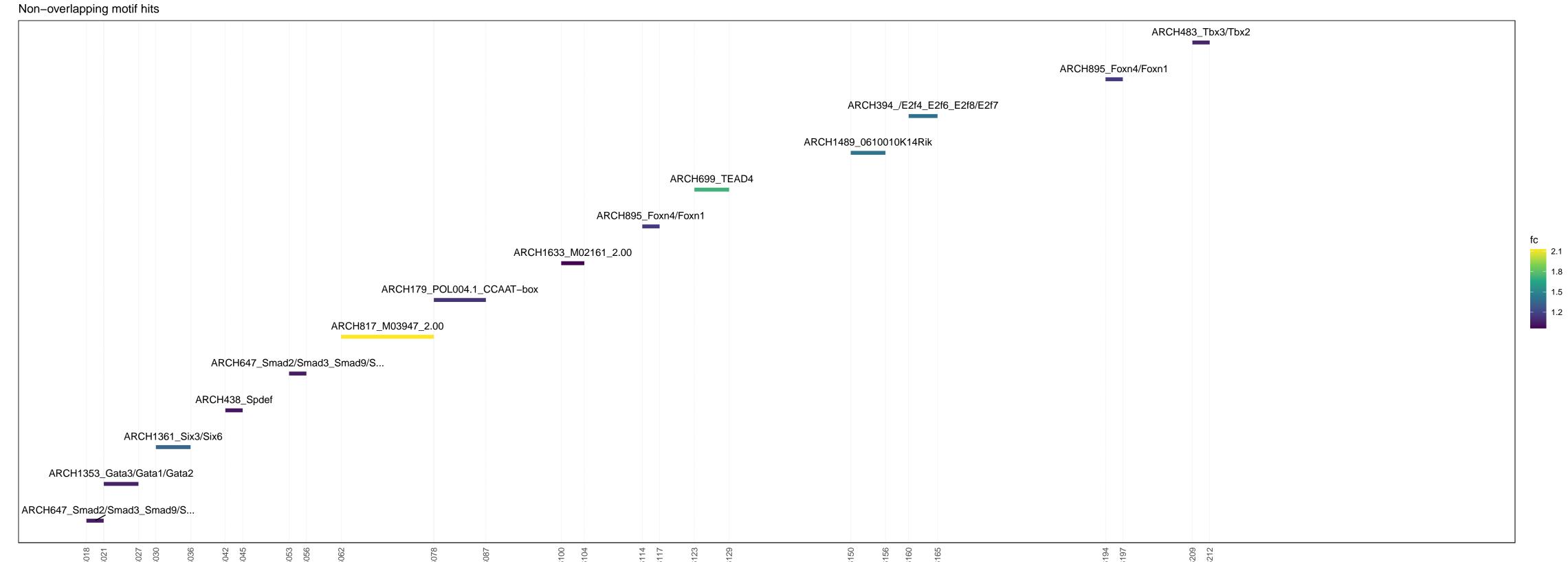
ARCH1028_Alx3/Alx4/Alx1_Bar...



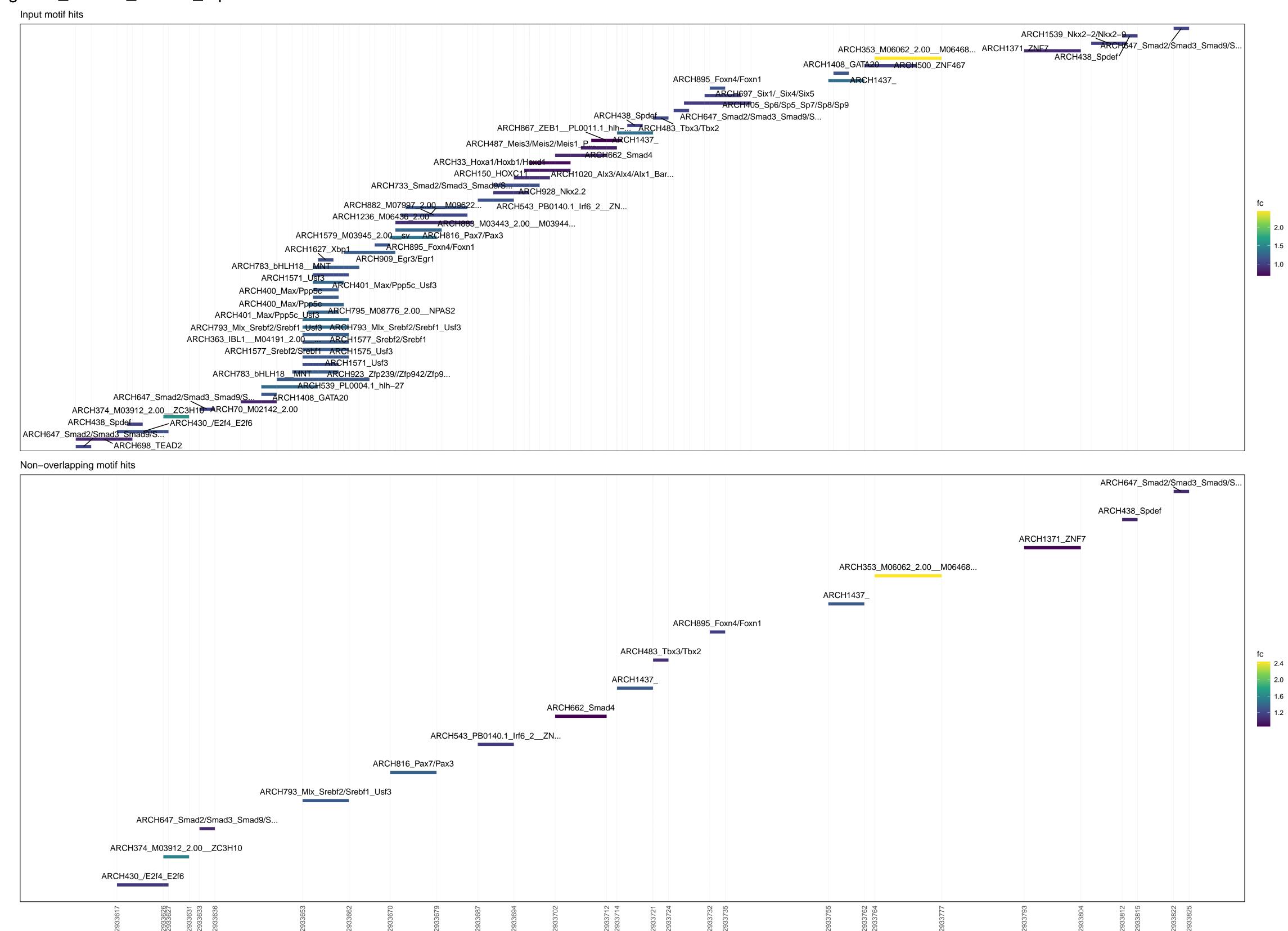


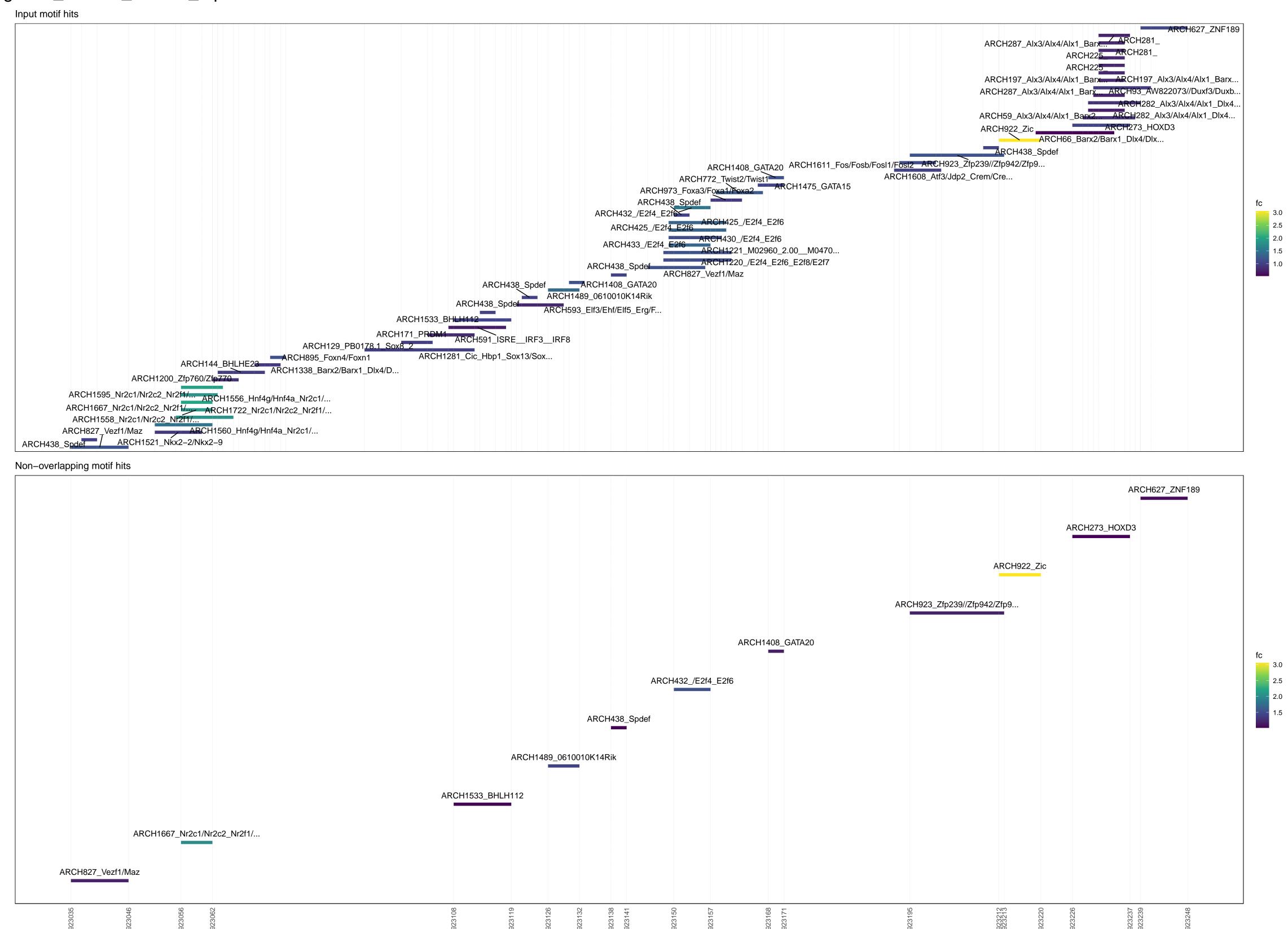


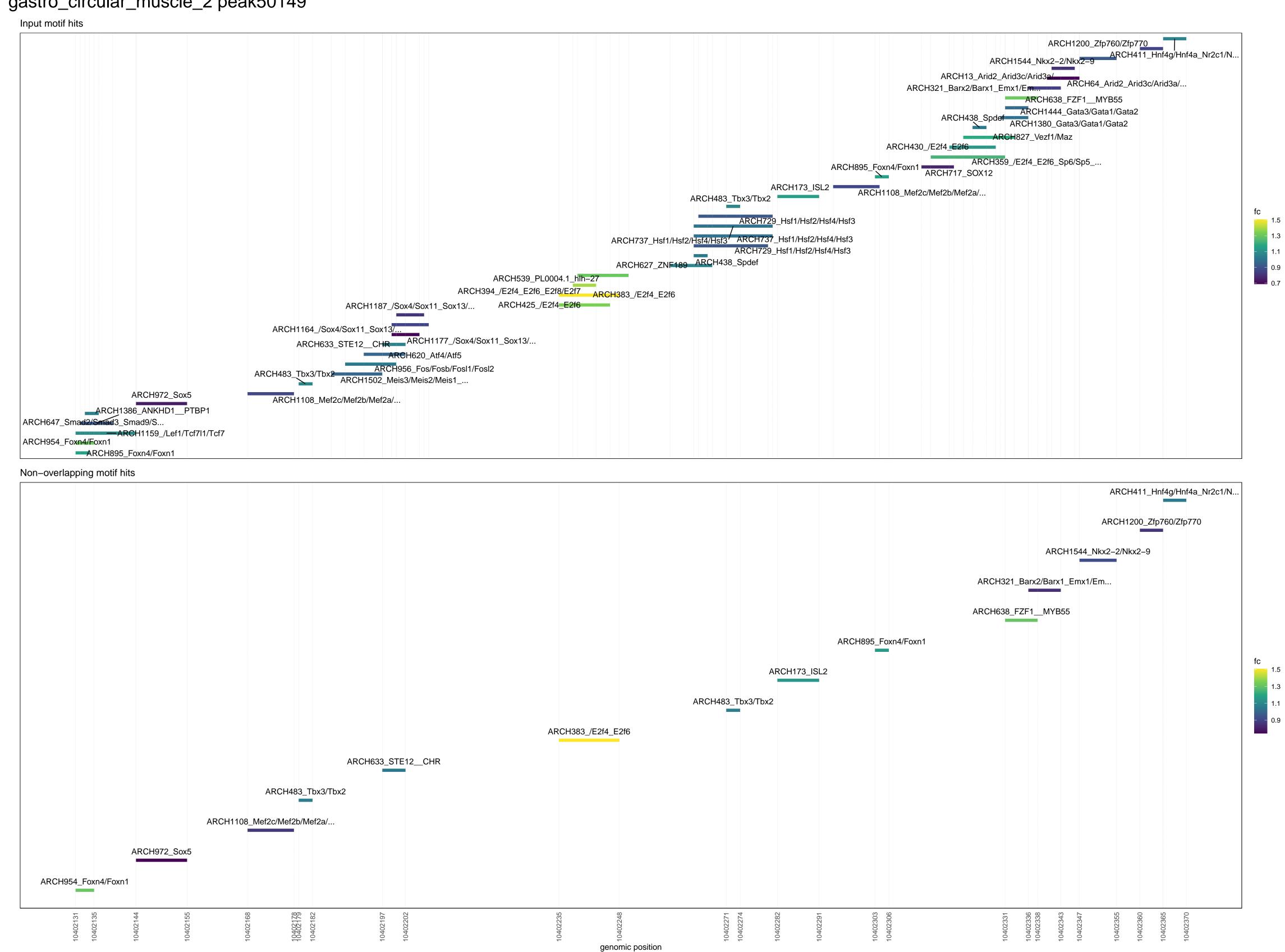




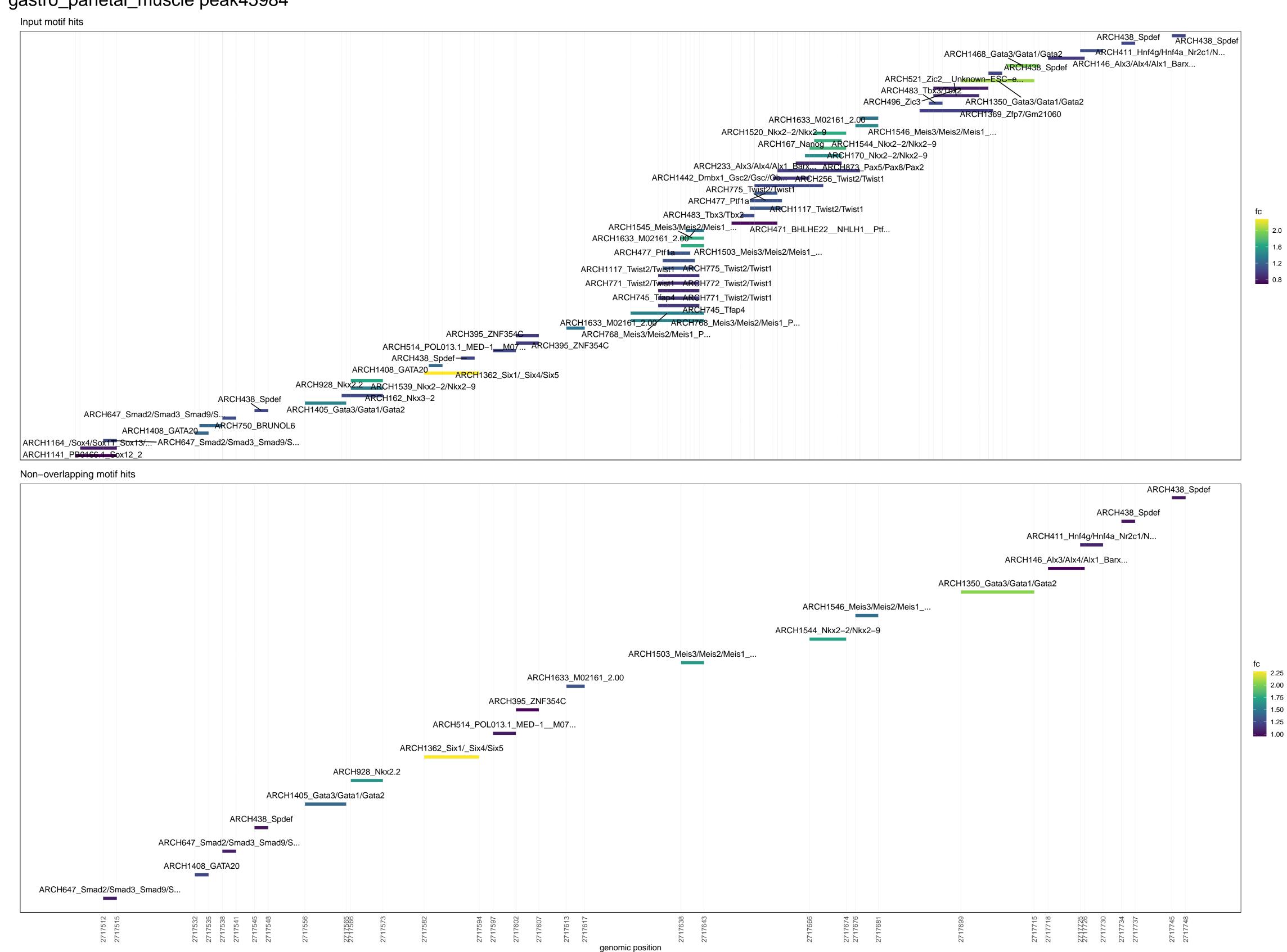
1.2

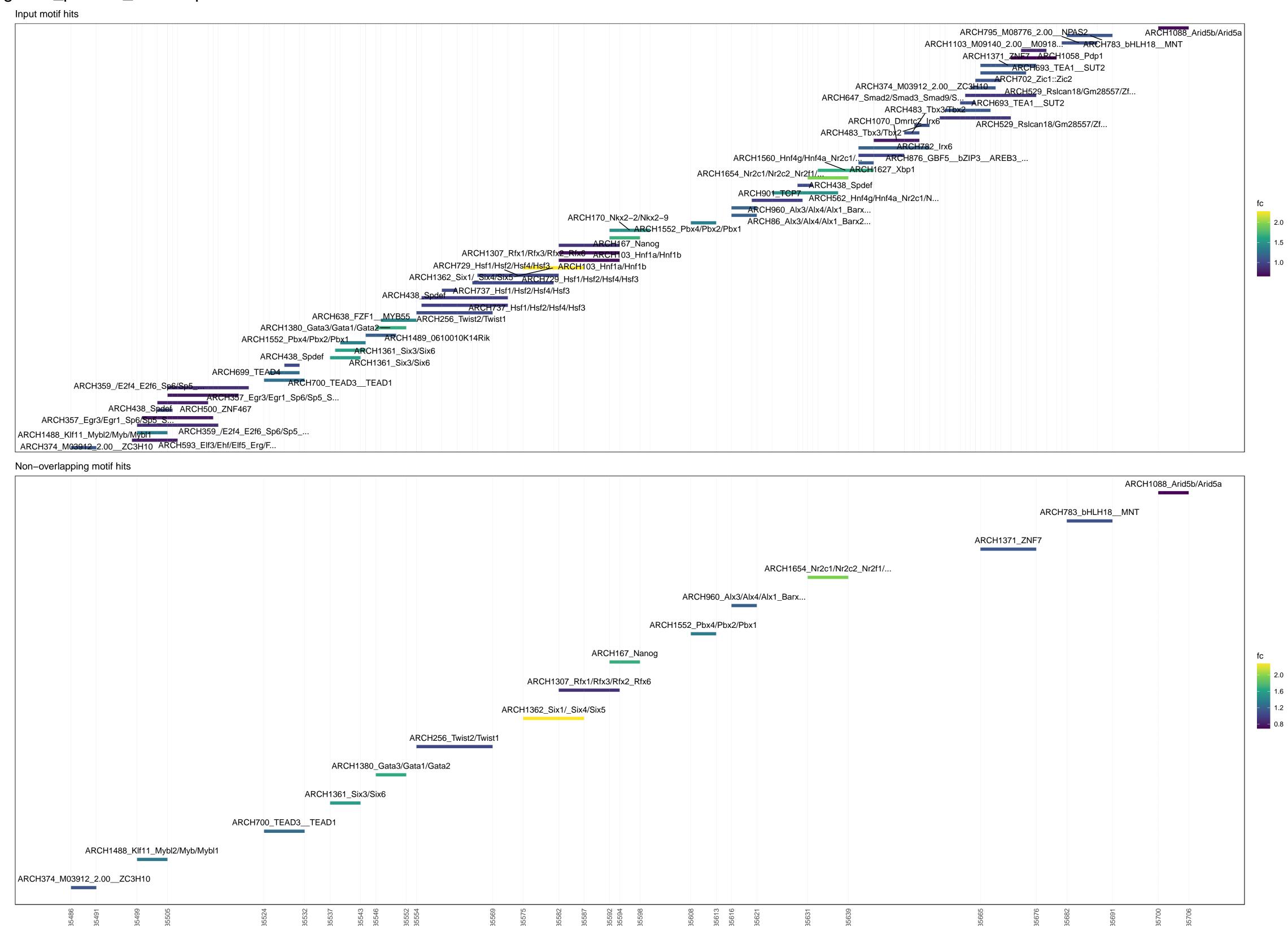


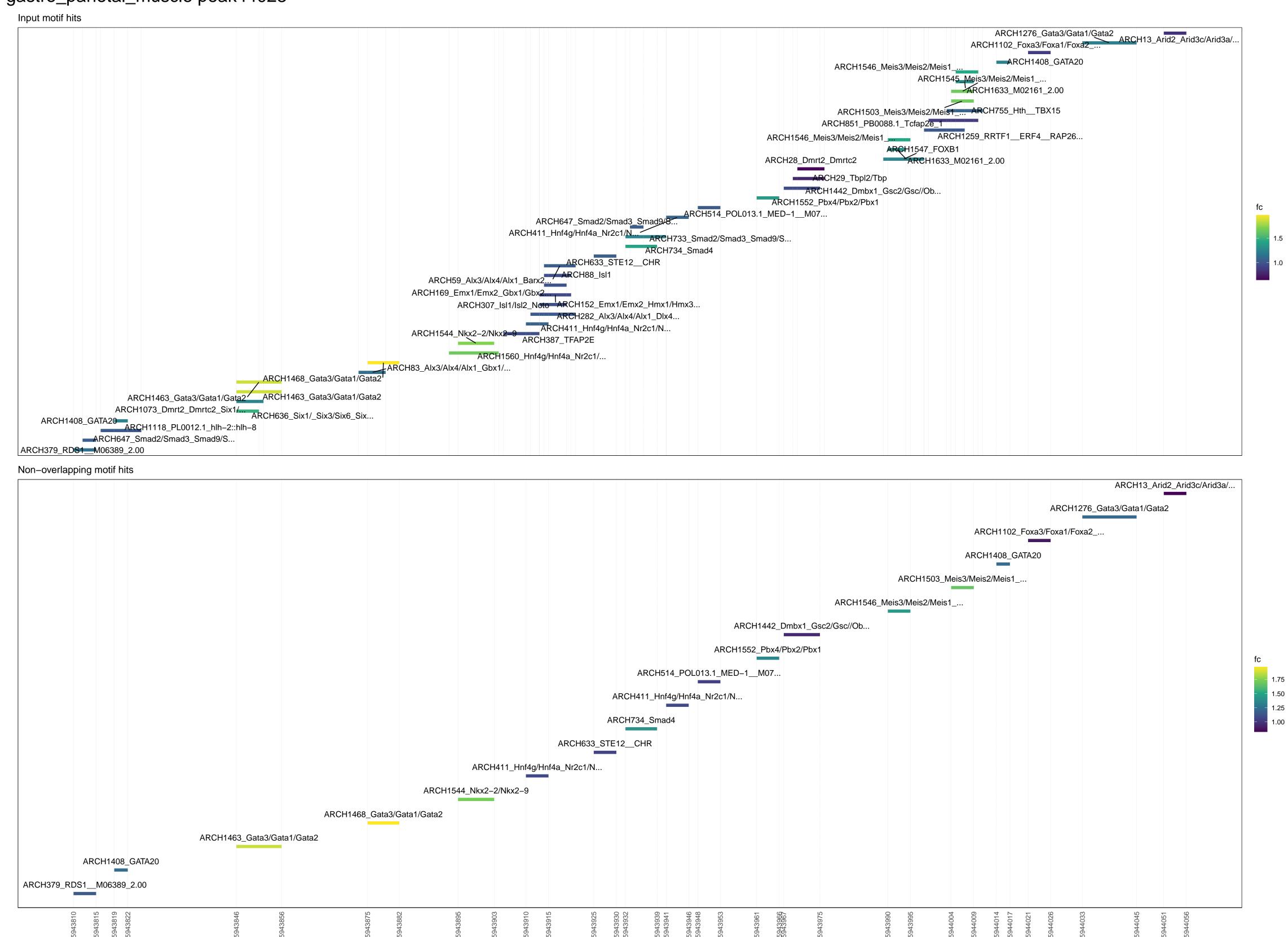


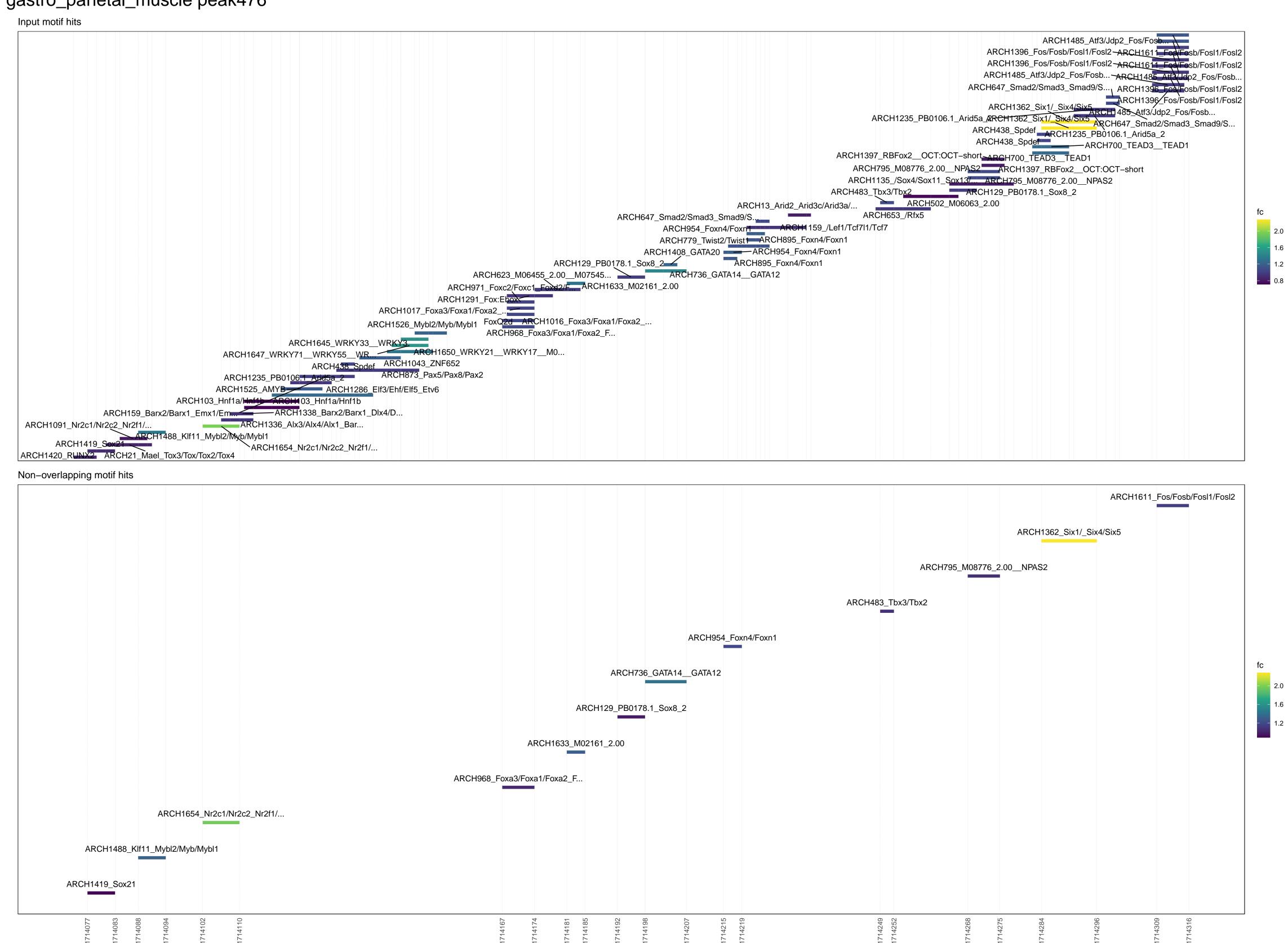


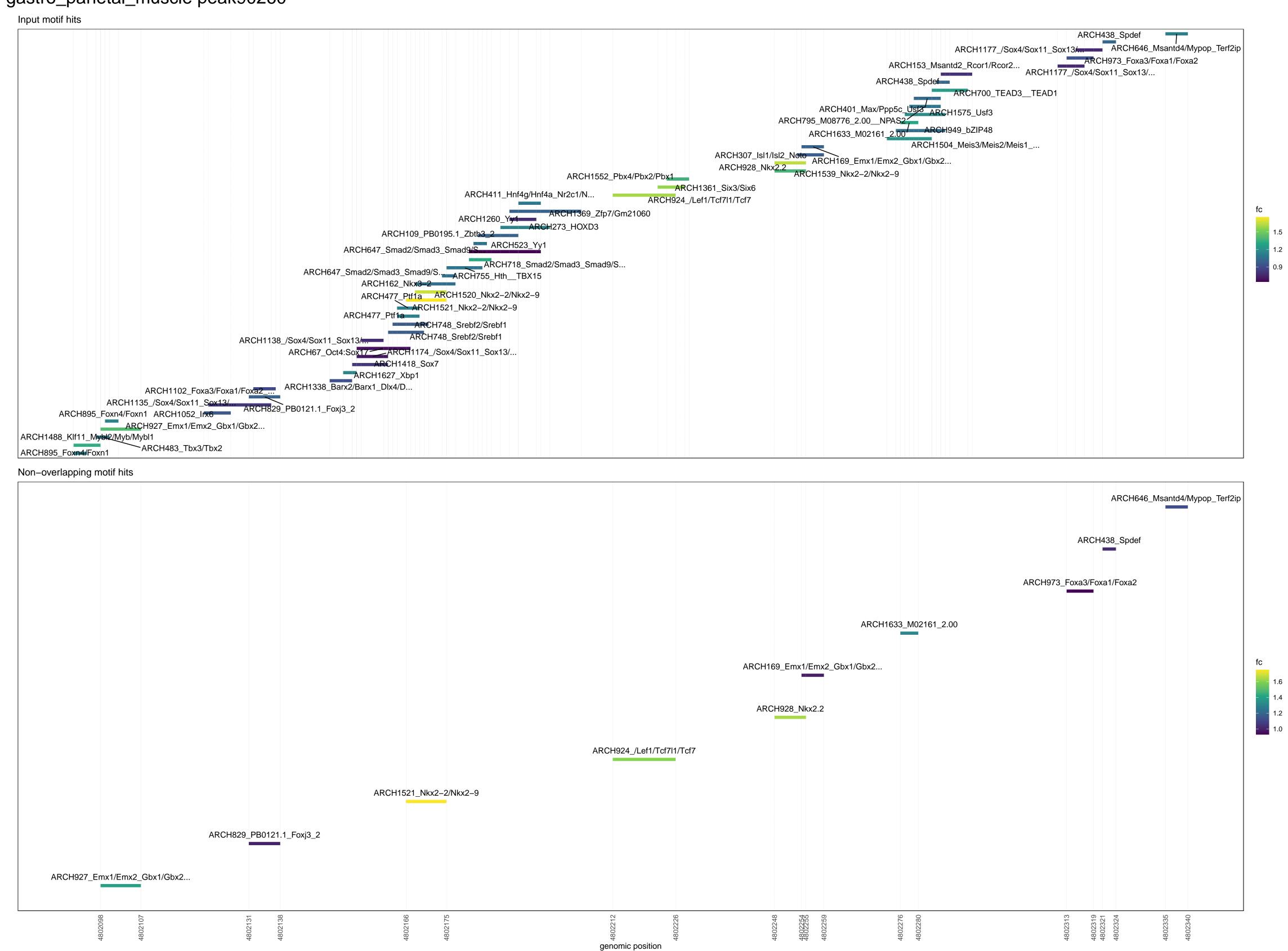
gastro_parietal_muscle peak10679 Input motif hits ARCH17_Alx3/Alx4/Alx1_Barx2 ARCH1095_Foxa3/Foxa1/Foxa2 ARCH11102_Foxa3/Foxa1/Foxa2_. ARCH1095_Foxa3/Foxa1/Foxa2_... ARCH18_Alx3/Alx4/Alx1_Barx2... ARCH1088_Arid5b/Arid5a ARCH1091_Nr2c1/Nr2c2_Nr2f1/... ARCH438_Spdef ARCH1088_Arid5b/Arid5a ARCH750_BRUNOL6 ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH1408_GATA20 ARCH379_RDS1__M06389_2.00 ARCH1338_Barx2/Barx1_Dlx4/D... ARCH895_Foxn4/Foxn1 ARCH1336_Alx3/Alx4/Alx1_Bar... ARCH401_Max/Ppp5c_Usf3 ARCH1420_RUNX2 ARCH1267_Runx3/Runx2/Runx1 ARCH1526_Mybl2/Myb/Mybl1 ARCH956_Fos/Fosb/Fosl1/Fosl2—ARCH1525_AMYB ARCH1408_GATA20 ARCH1463_Gata3/Gata1/Gata2 ARCH93_AW822073//Duxf3/Duxb... ARCH1463_Gata3/Gata1/Gata2 ARCH647_Smad2/Smad3_Smad9/S... ARCH1220_/E2f4_E2f6_E2<mark>f8/E2f7</mark> ARCH1220_/E2f4_E2f6_E2f8/E2f7 ARCH483_Tbx3/Tbx2 ARCH1370_M05856_2.00 ARCH755_Hth__TBX15 ARCH1048_M07266_2.00__CRC ARCH123_/Duxbl1/_/Duxbl1//A... ARCH958_Nkx2-2/Nkx2-9 ARCH1204_ARR1__ZNF24 ARCH1380_Gata3/Gata1/Gata2 ARCH514_POL013.1_MED-1__M07...' ARCH1456_Gata3/Gata1/Gata2_... ARCH1353_Gata3/Gata1/Gata2 ARCH748_Srebf2/Srebf1 ARCH179_POL004.1_CCAAT-box ARCH729_Hsf1/Hsf2/Hsf4/Hsf3_ARCH737_Hsf1/Hsf2/Hsf4/Hsf3 ARCH737_Hsf1/Hsf2/Hsf4/Hsf3_ARCH729_Hsf1/Hsf2/Hsf4/Hsf3 ARCH543_PB0140.1_lrf6_2__ZN... ARCH543_PB0140.1_Irf6_2__ZN... Non-overlapping motif hits ARCH1102_Foxa3/Foxa1/Foxa2_ ARCH584_Elf3/Ehf/Elf5_Erg/F... ARCH379_RDS1__M06389_2.00 ARCH1267_Runx3/Runx2/Runx1 ARCH1526_Mybl2/Myb/Mybl1 ARCH1463_Gata3/Gata1/Gata2 1.75 1.50 ARCH647_Smad2/Smad3_Smad9/S... 1.25 1.00 ARCH1370_M05856_2.00 ARCH123_/Duxbl1/_/Duxbl1//A... ARCH958_Nkx2-2/Nkx2-9 ARCH1204_ARR1__ZNF24 ARCH1456_Gata3/Gata1/Gata2_...

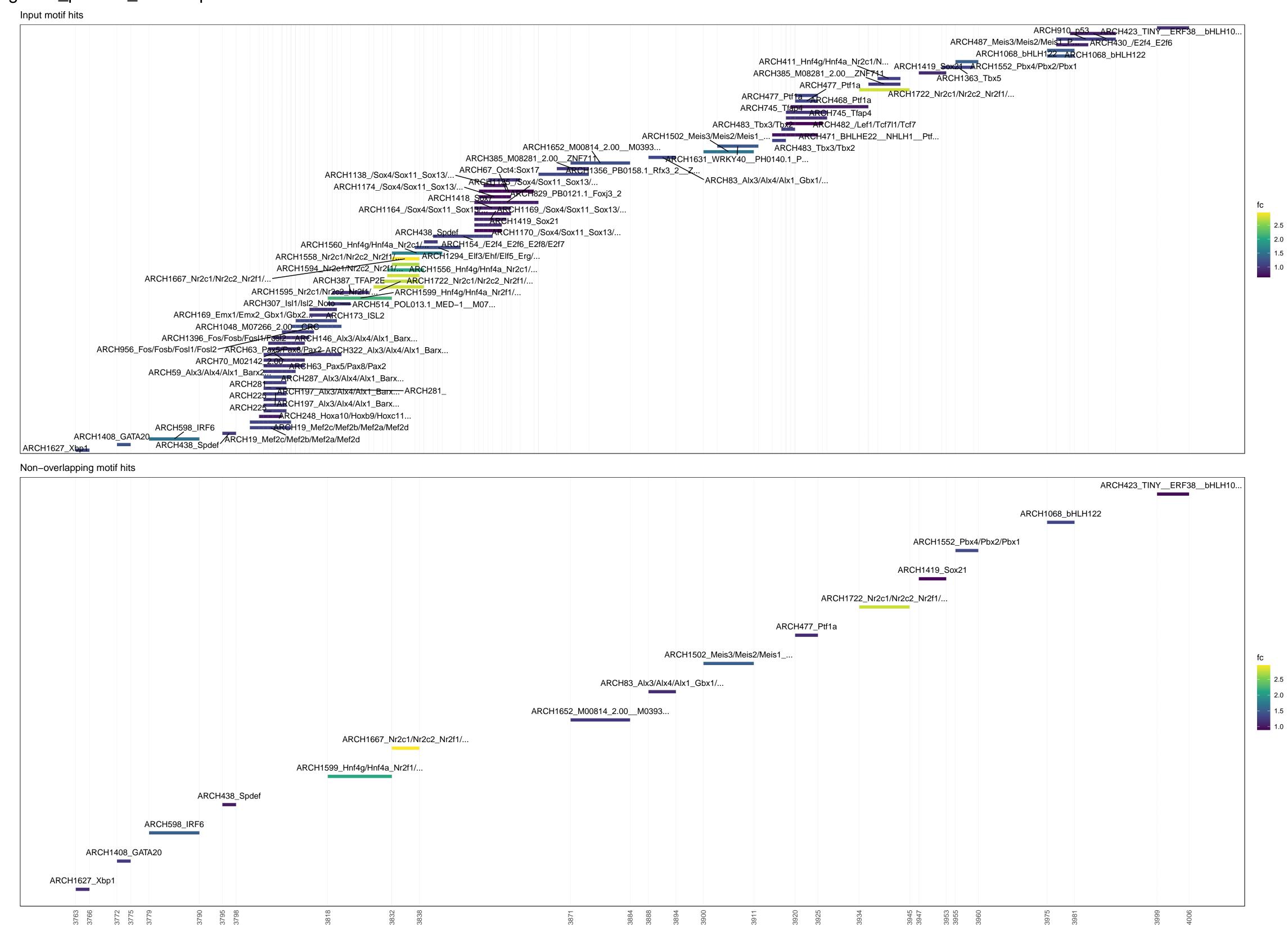


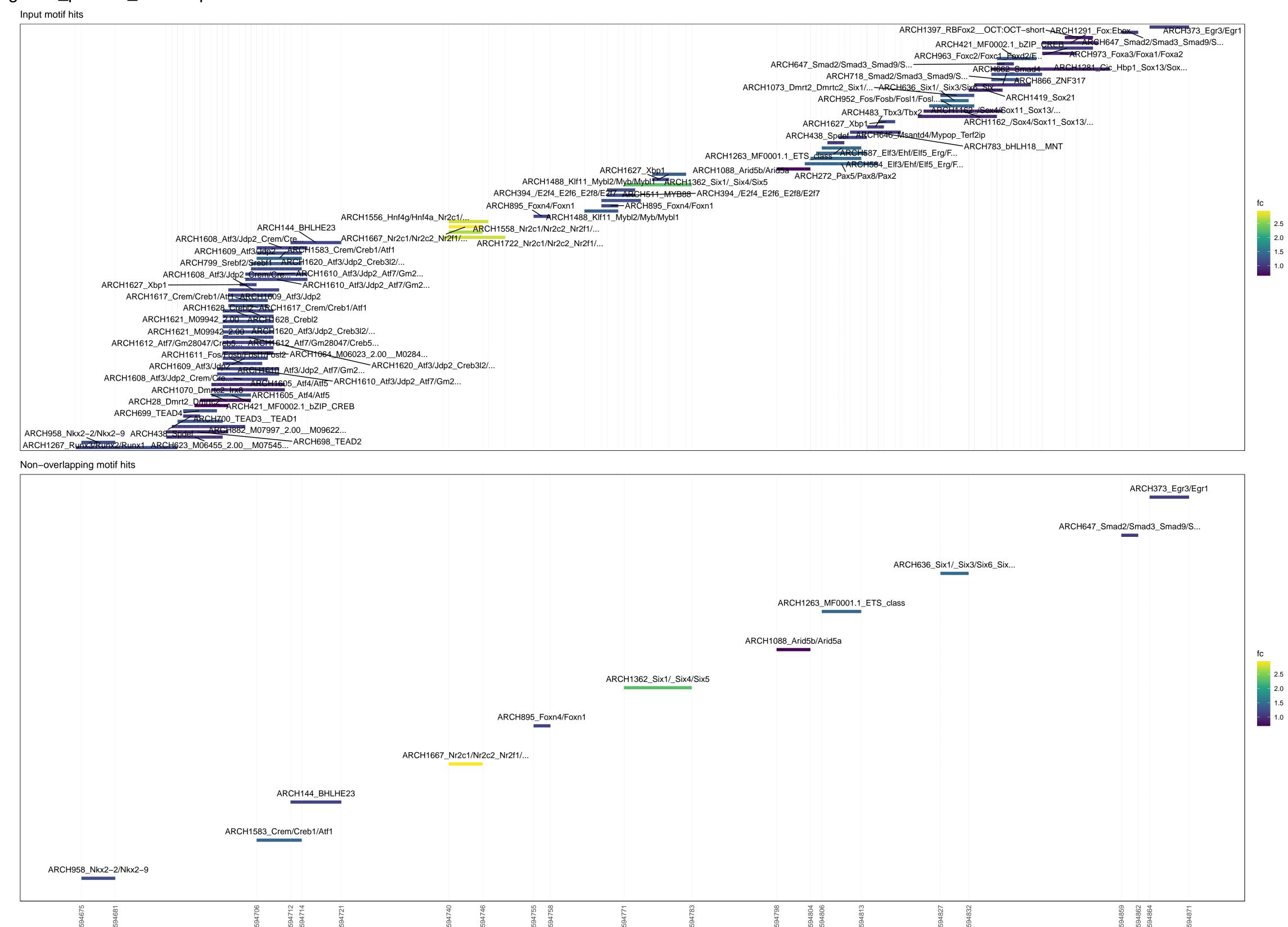


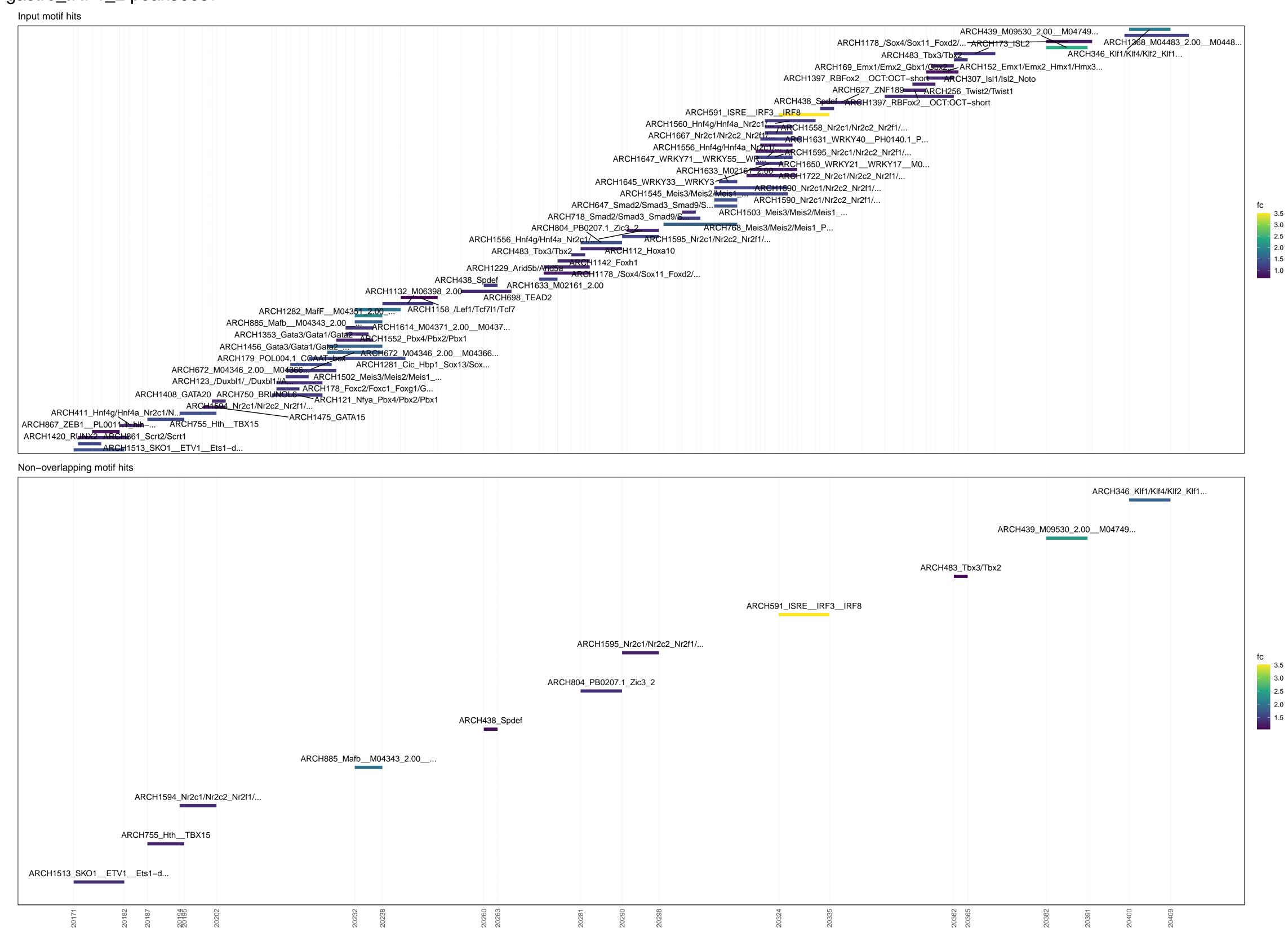


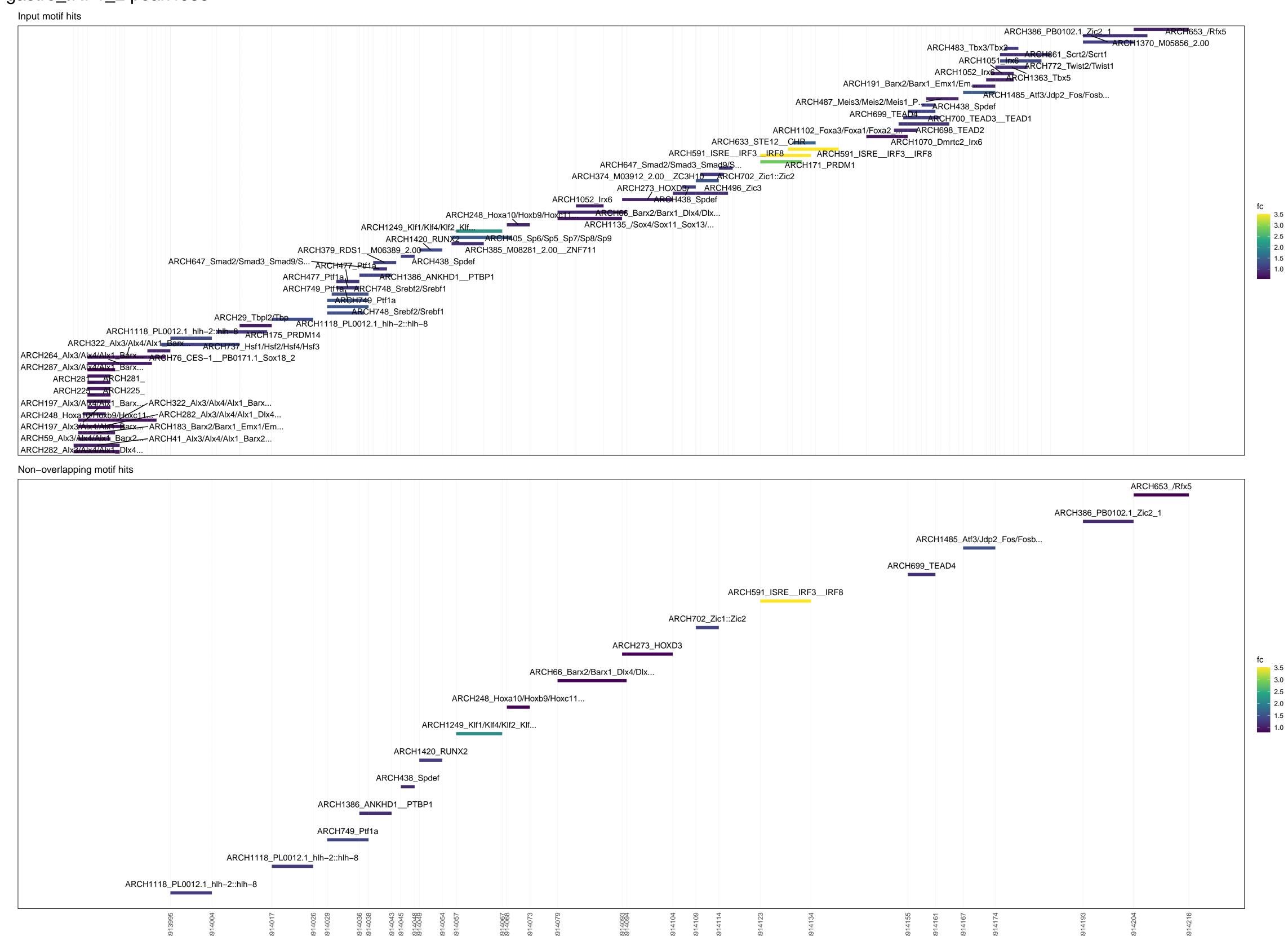


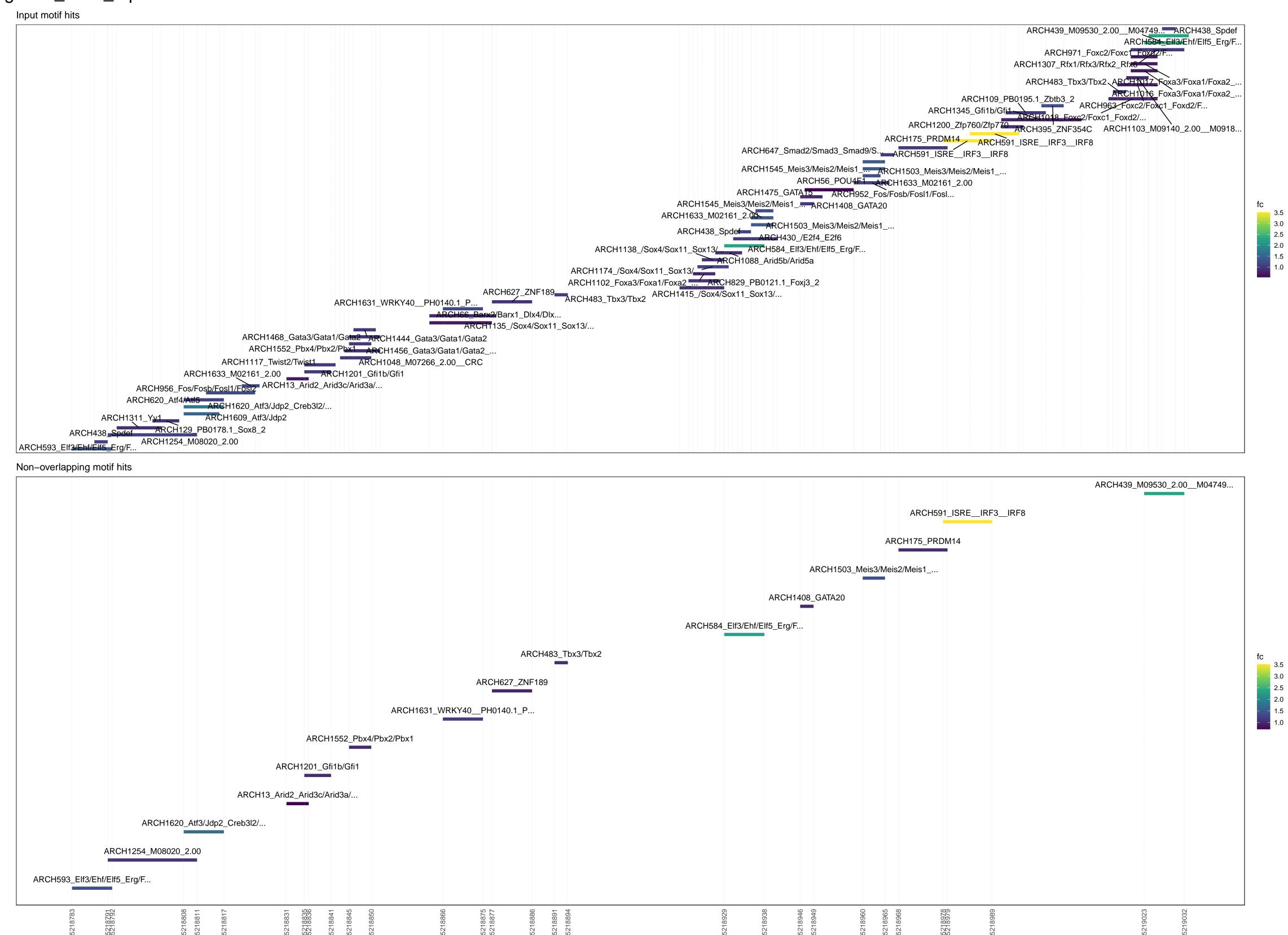


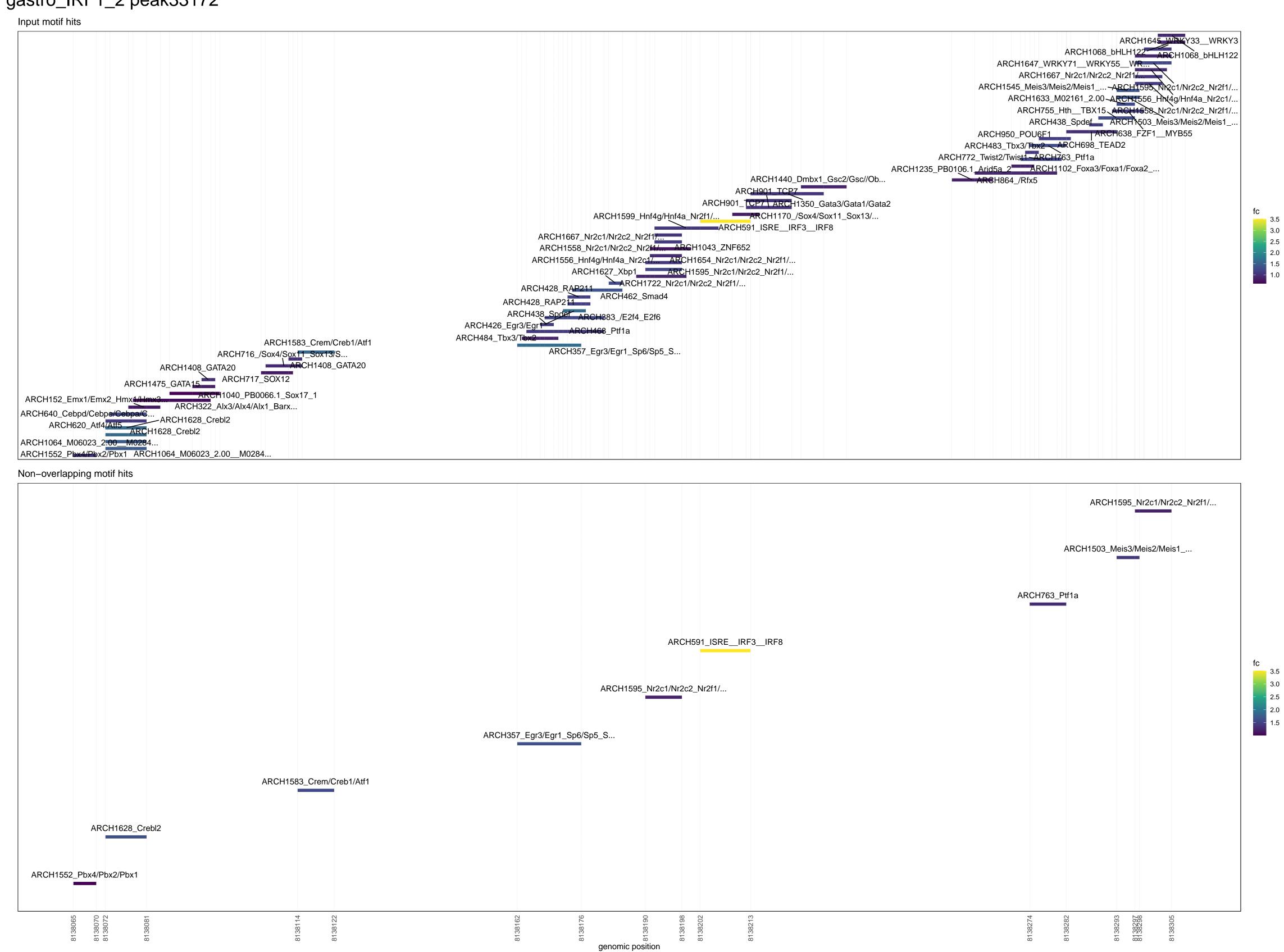


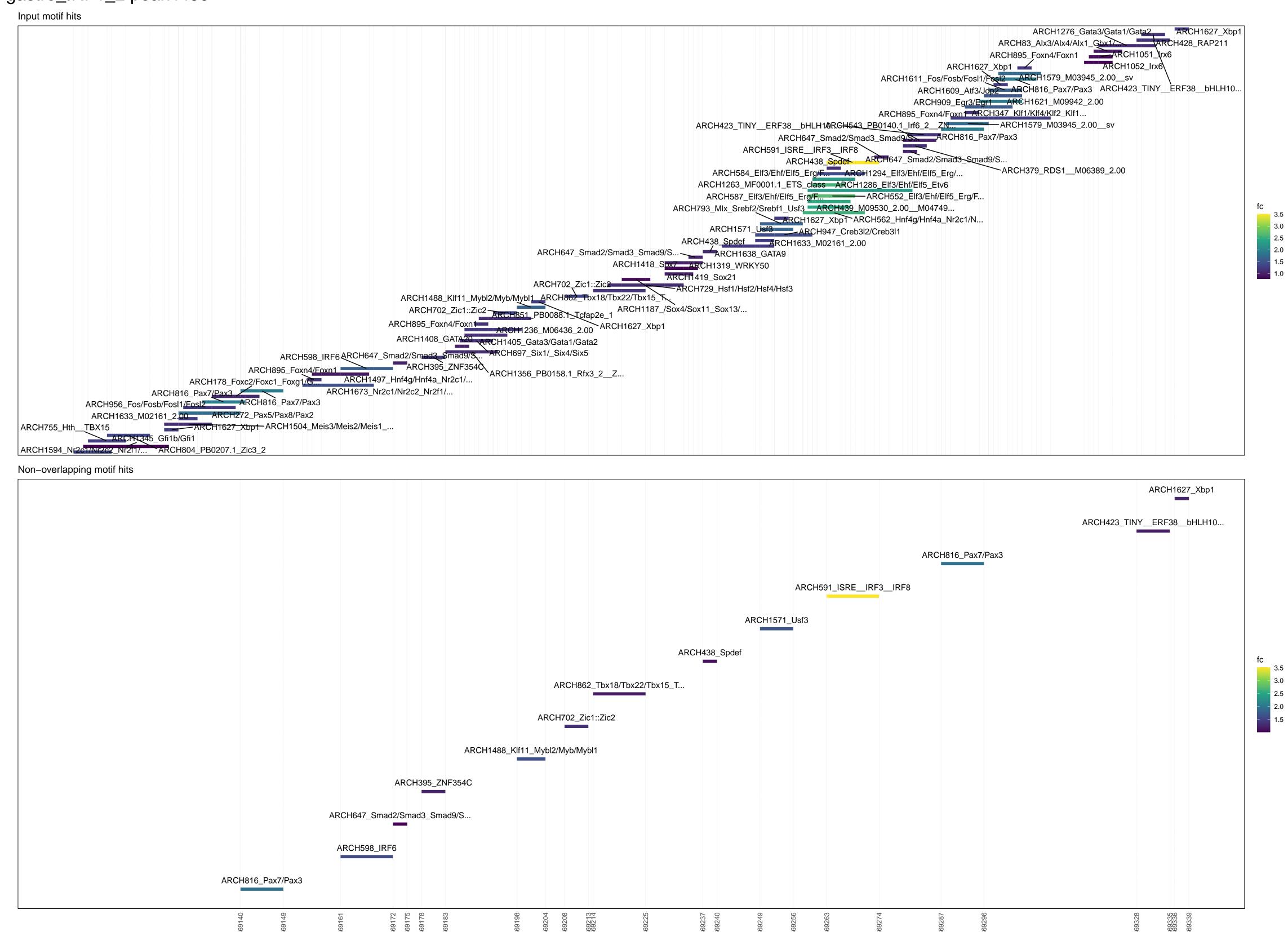






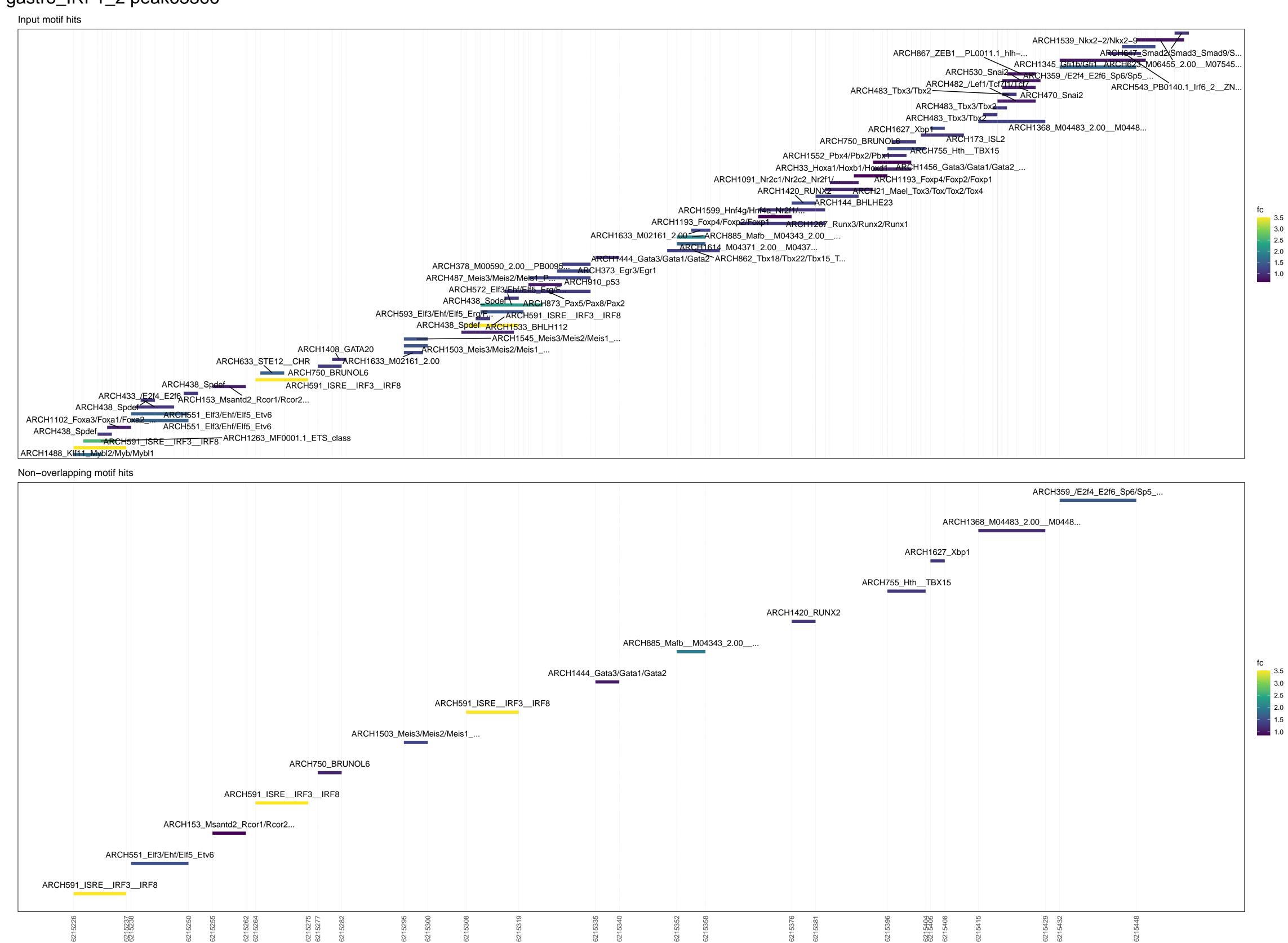


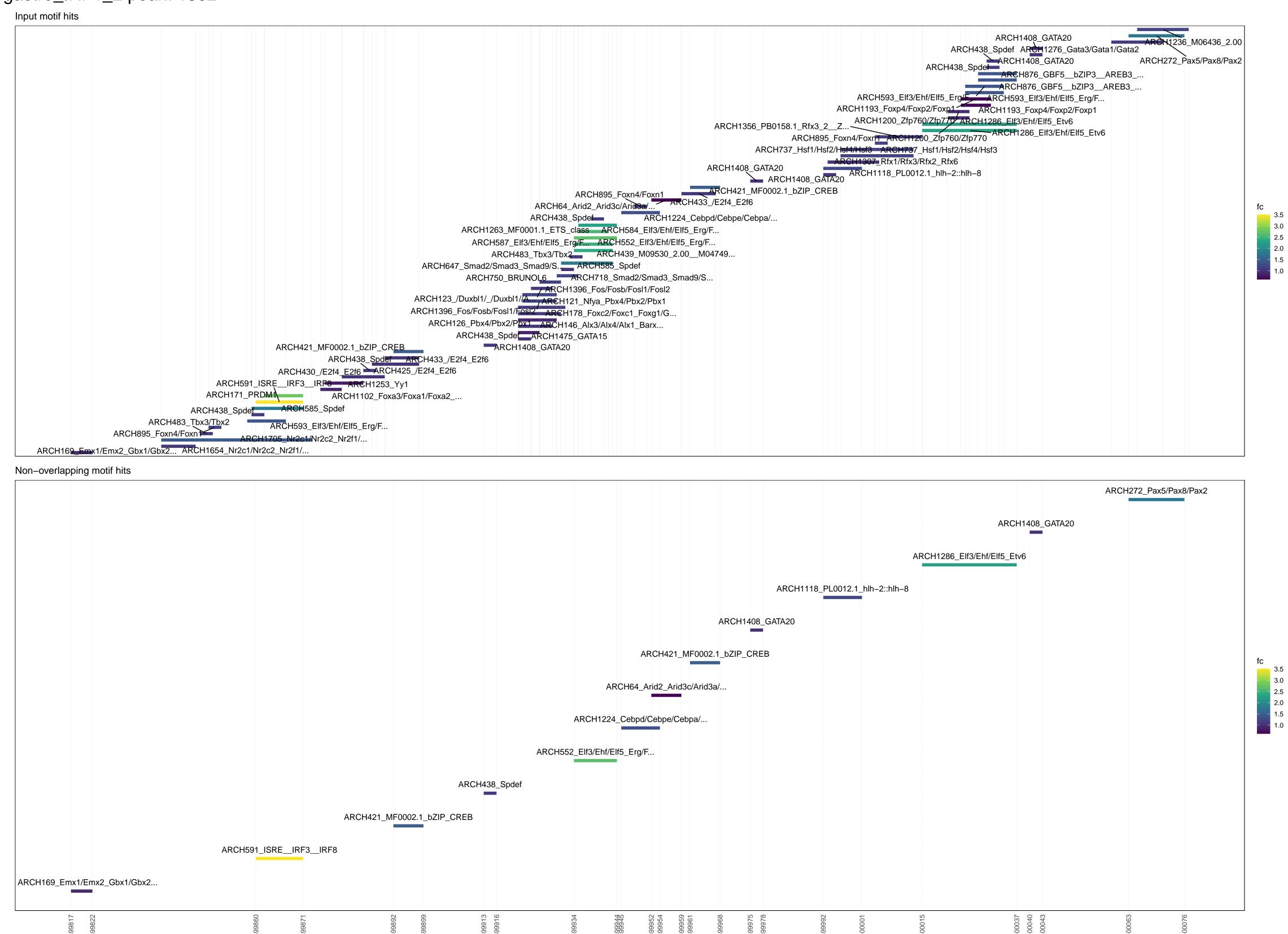




1.5

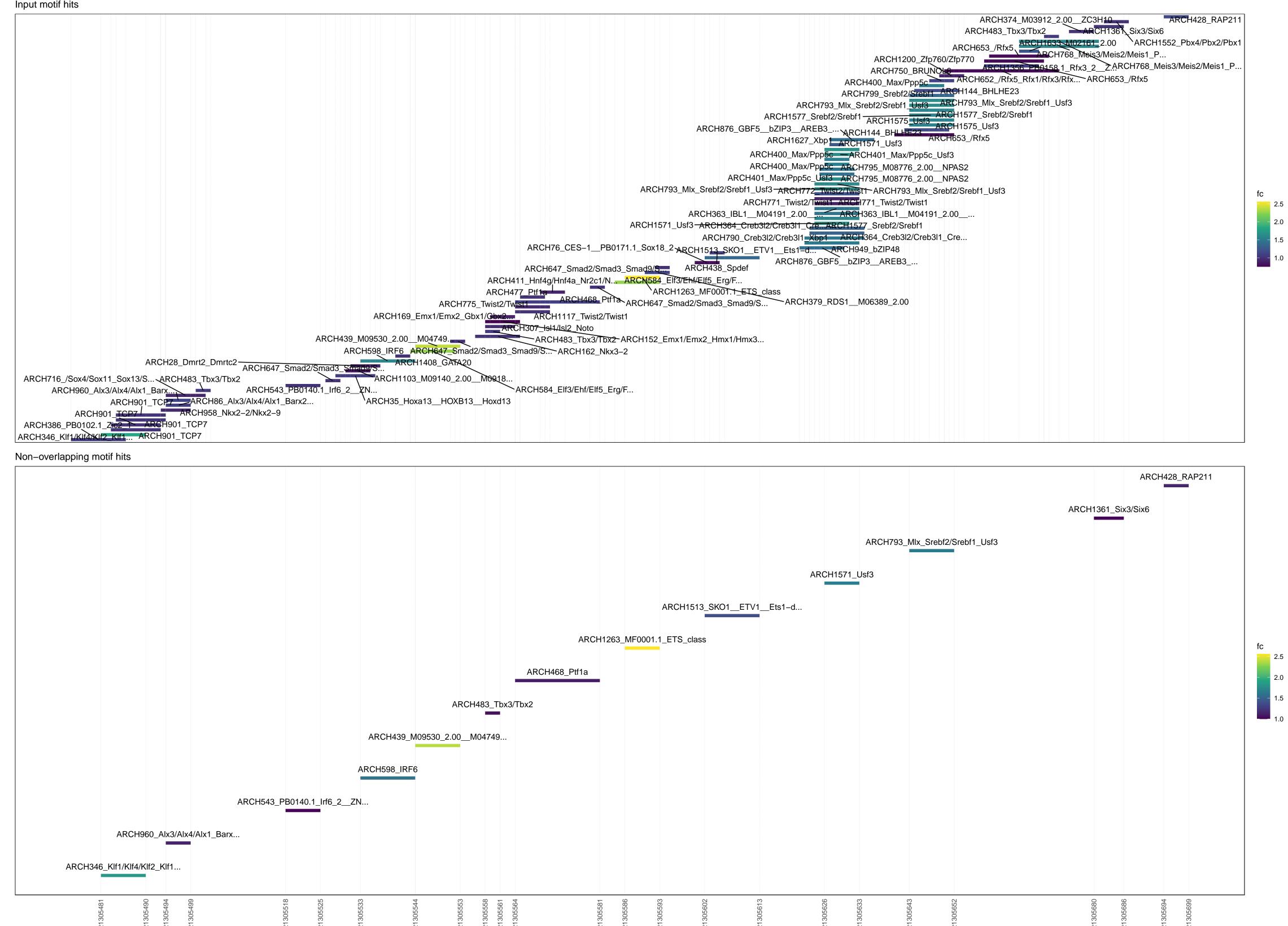
1.5



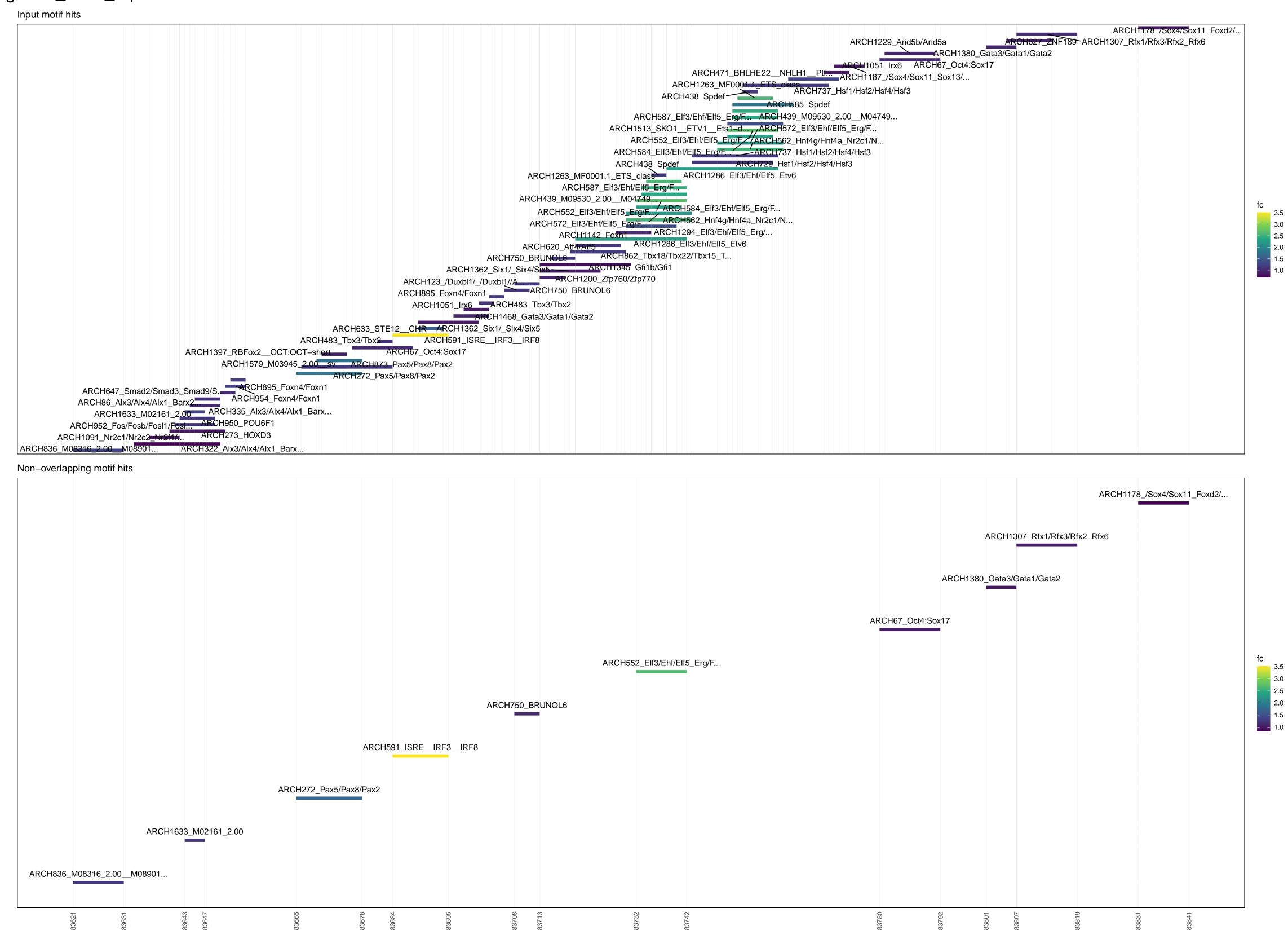


3.5

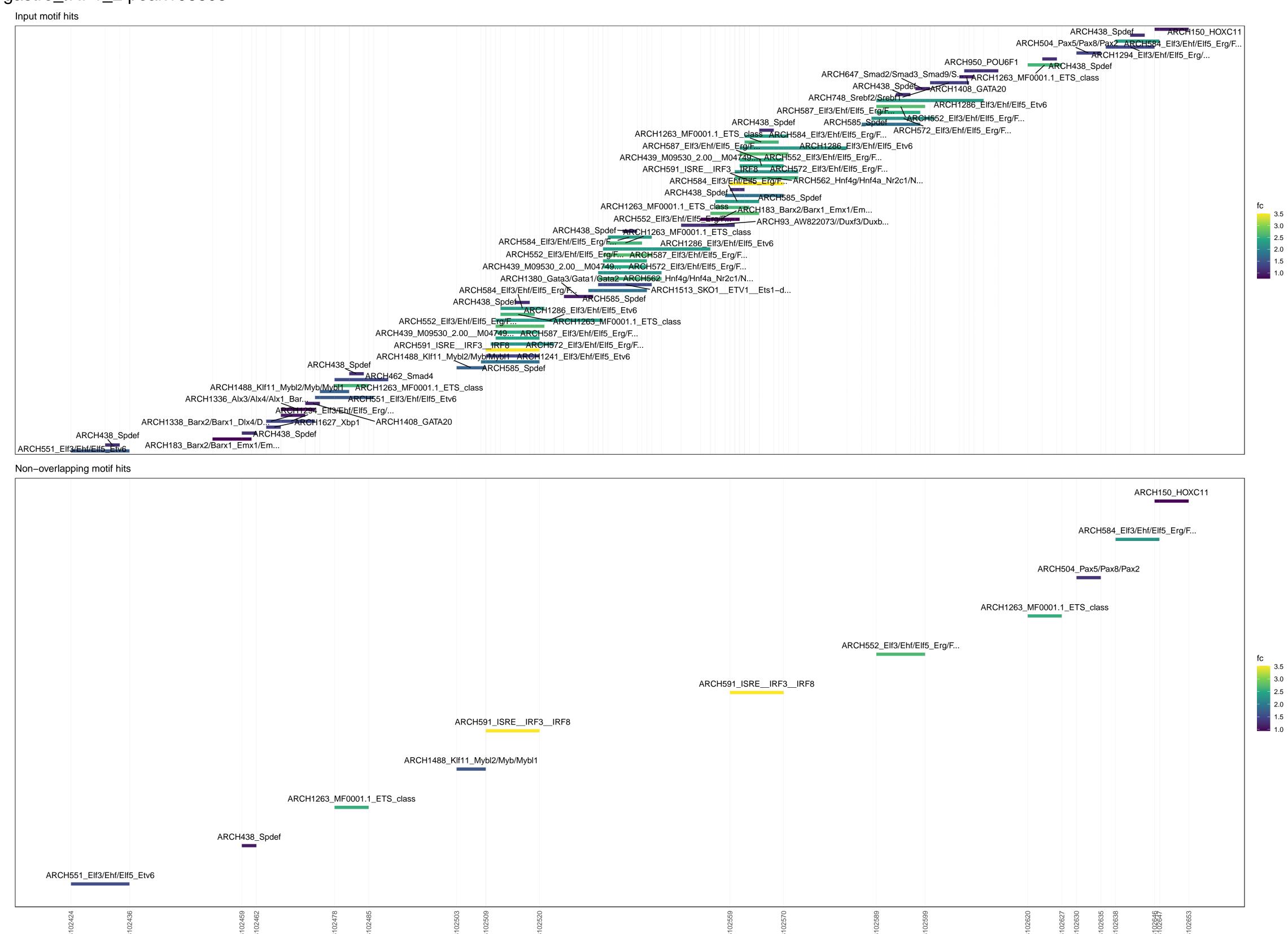
gastro_IRF1_2 peak9493 Input motif hits

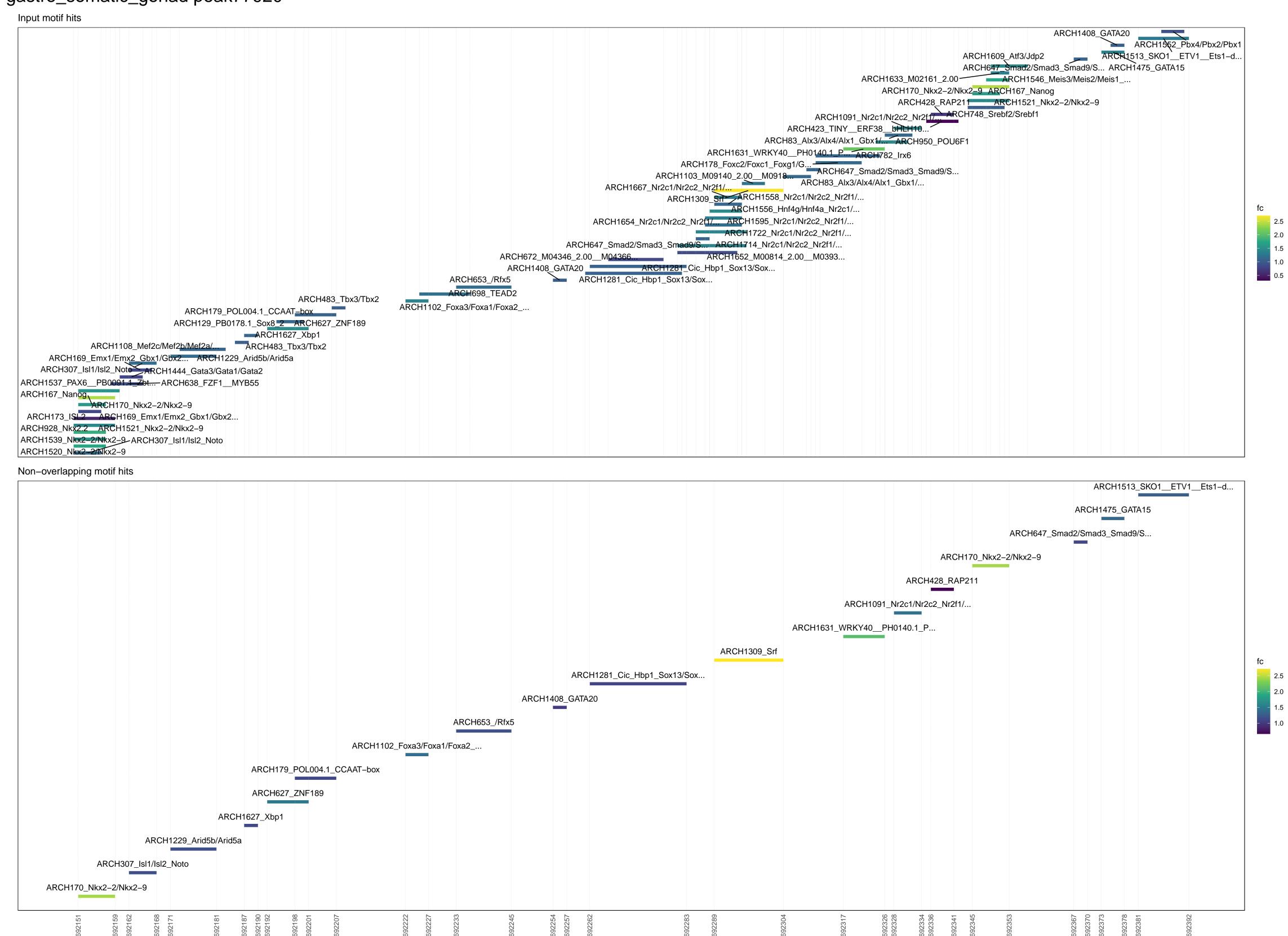


gastro_IRF1_2 peak89880



gastro_IRF1_2 peak106603





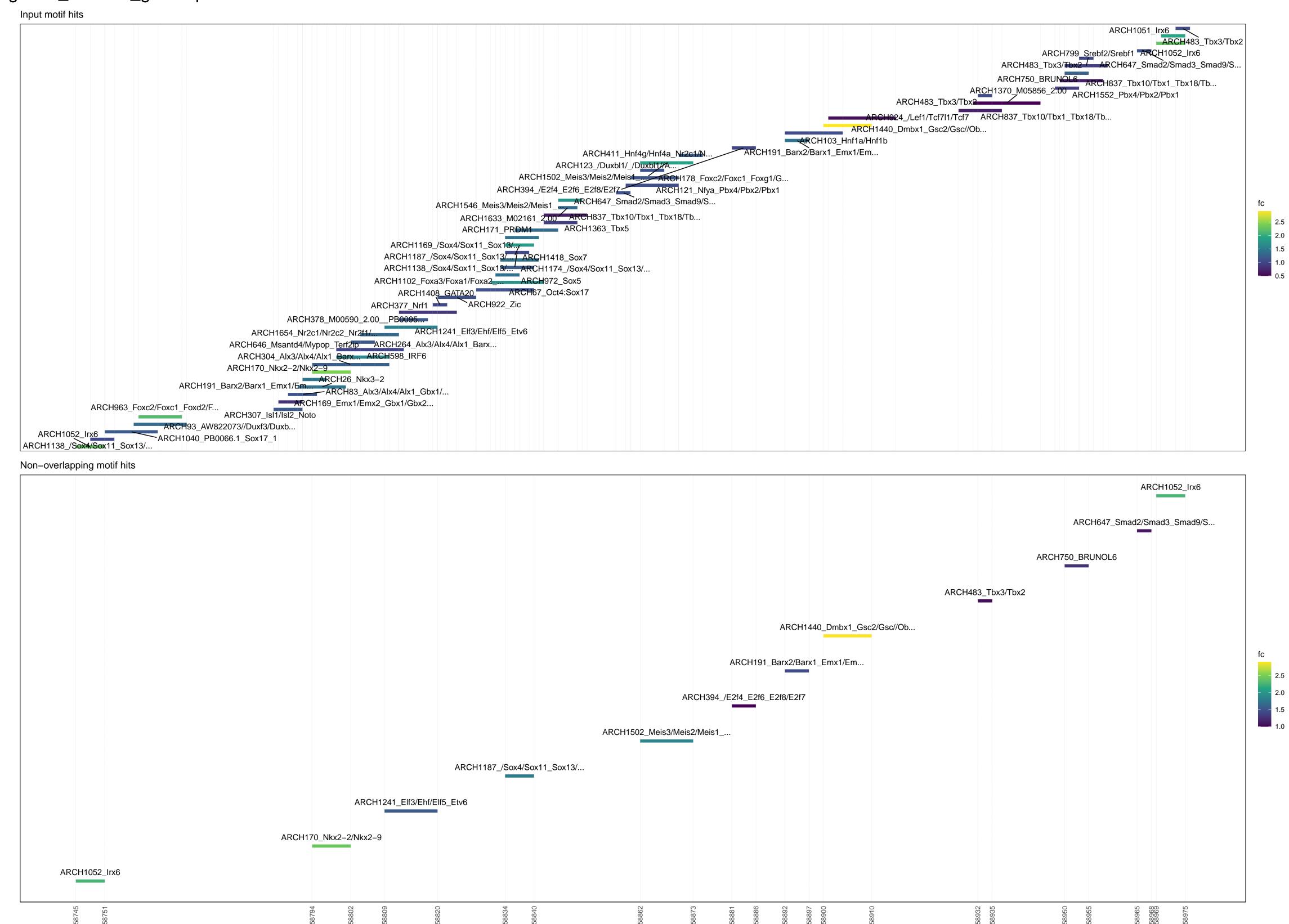
ARCH1051_Irx6

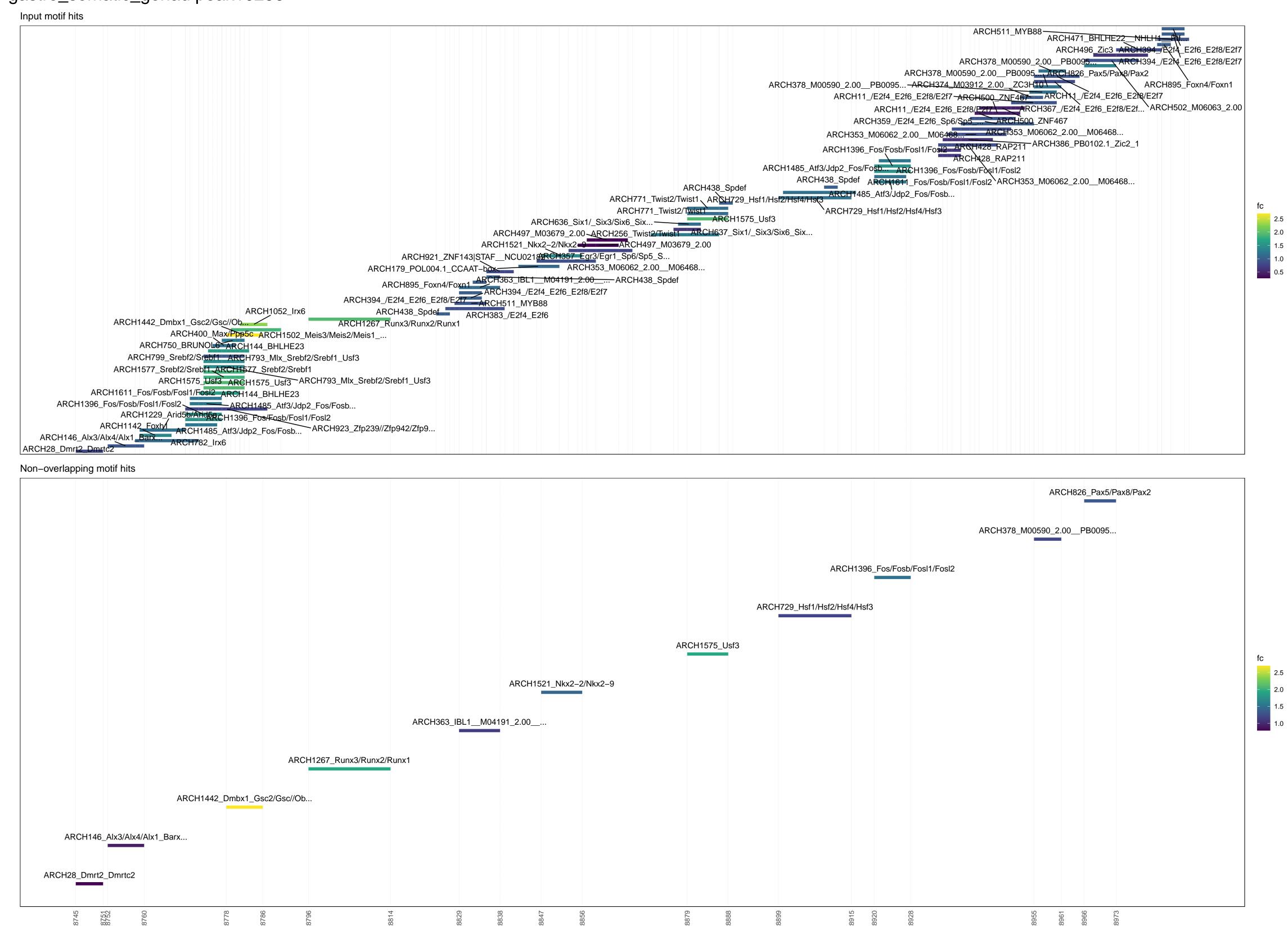
2.5

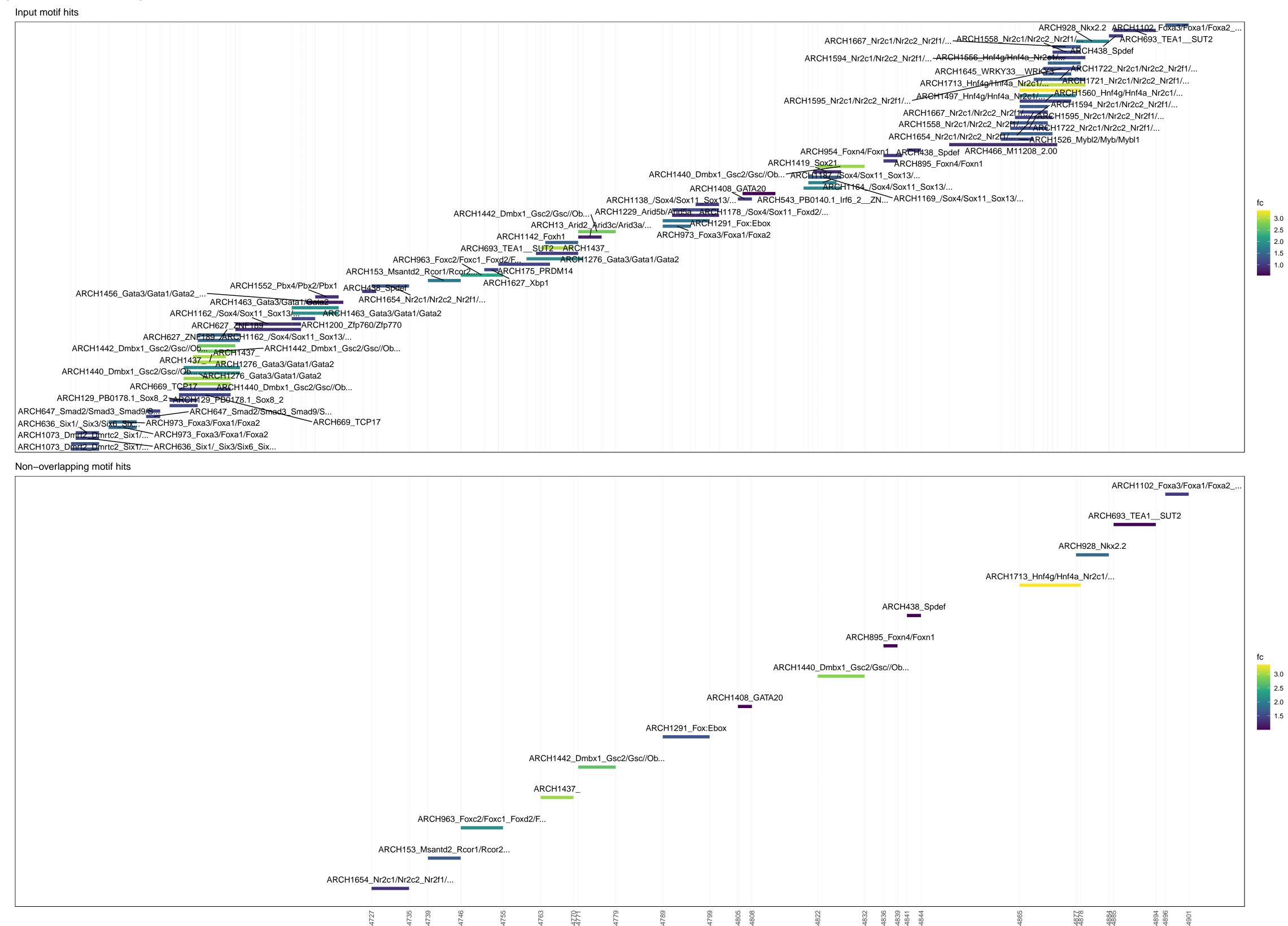
2.0

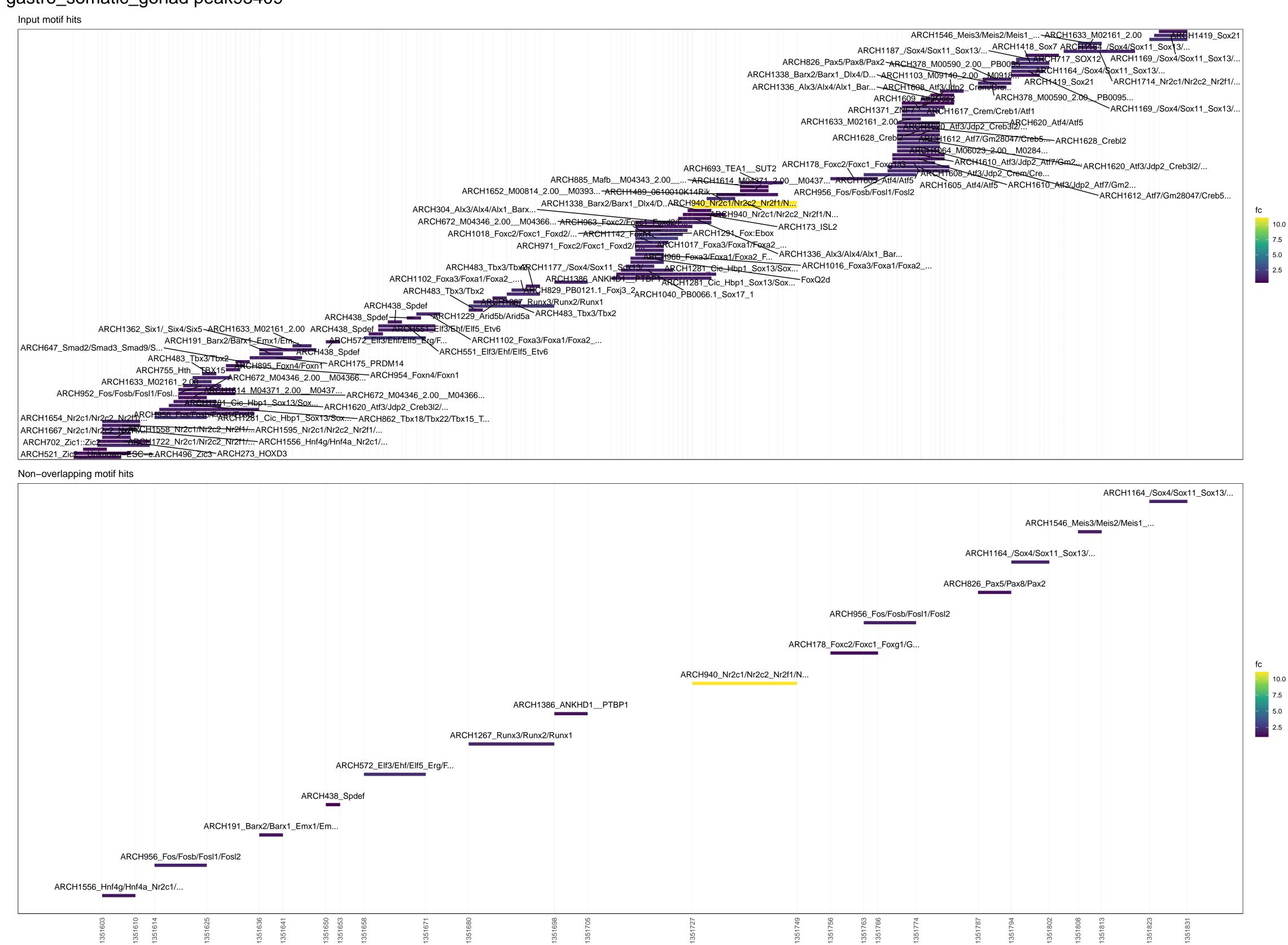
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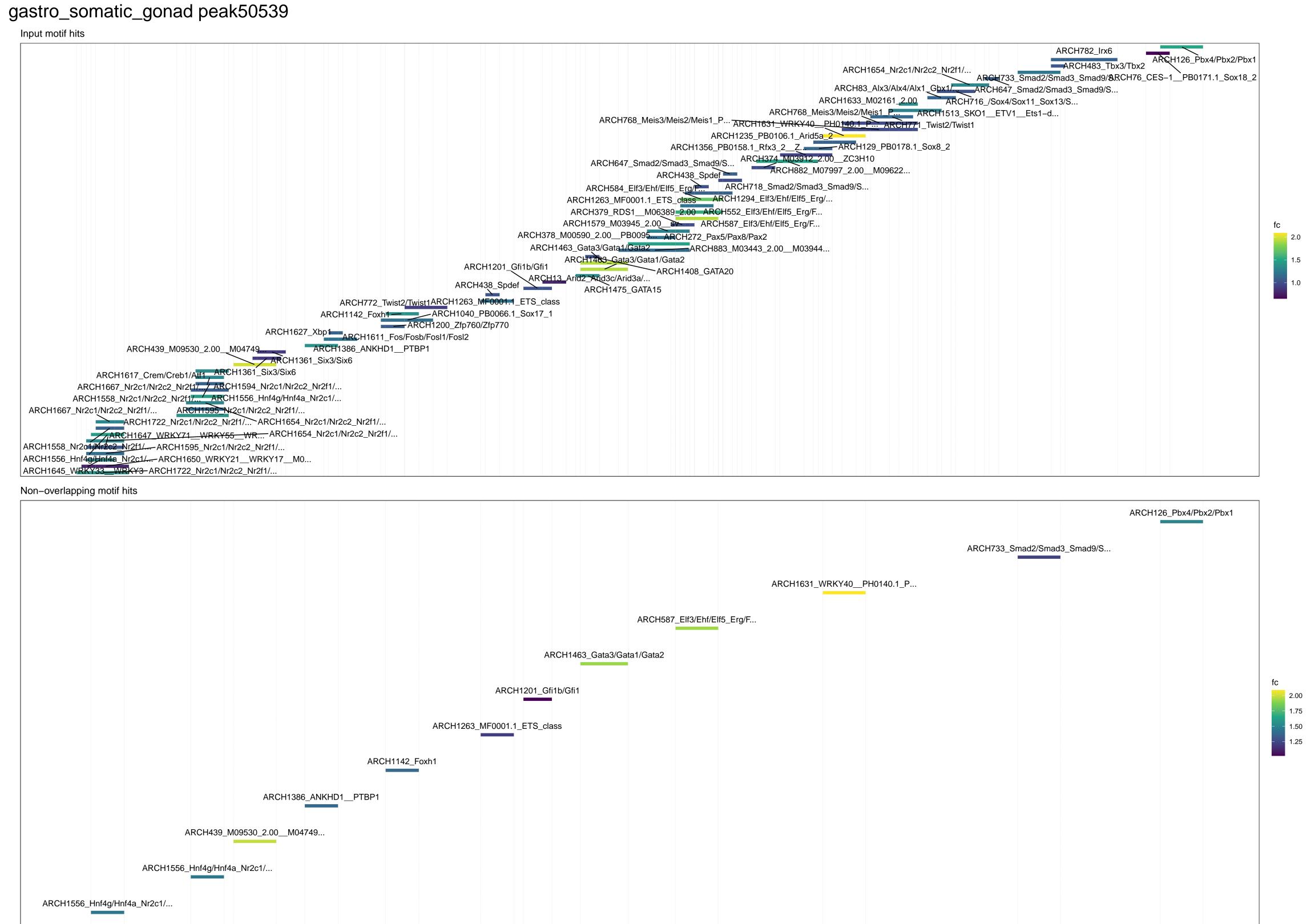
gastro_somatic_gonad peak28960

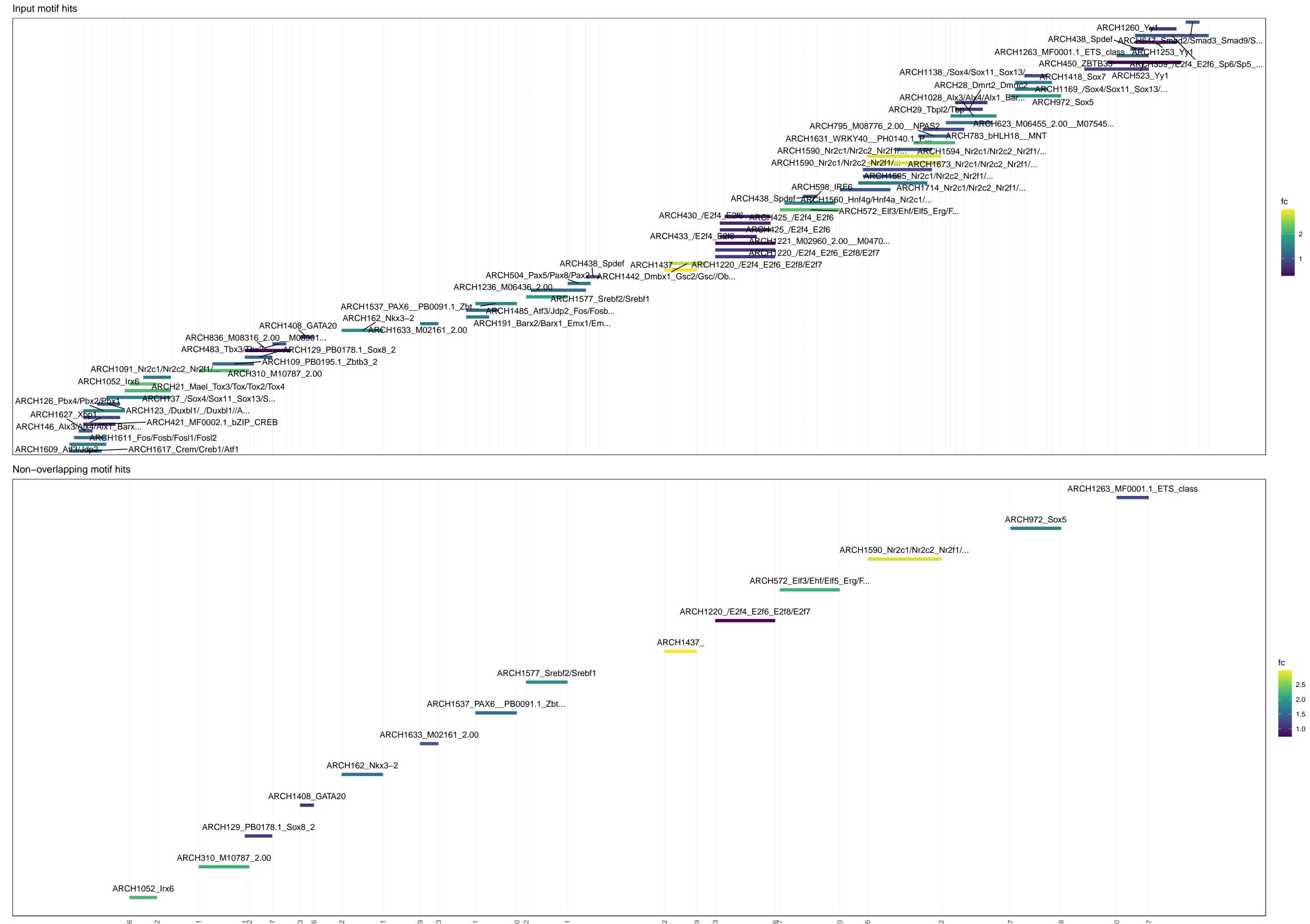






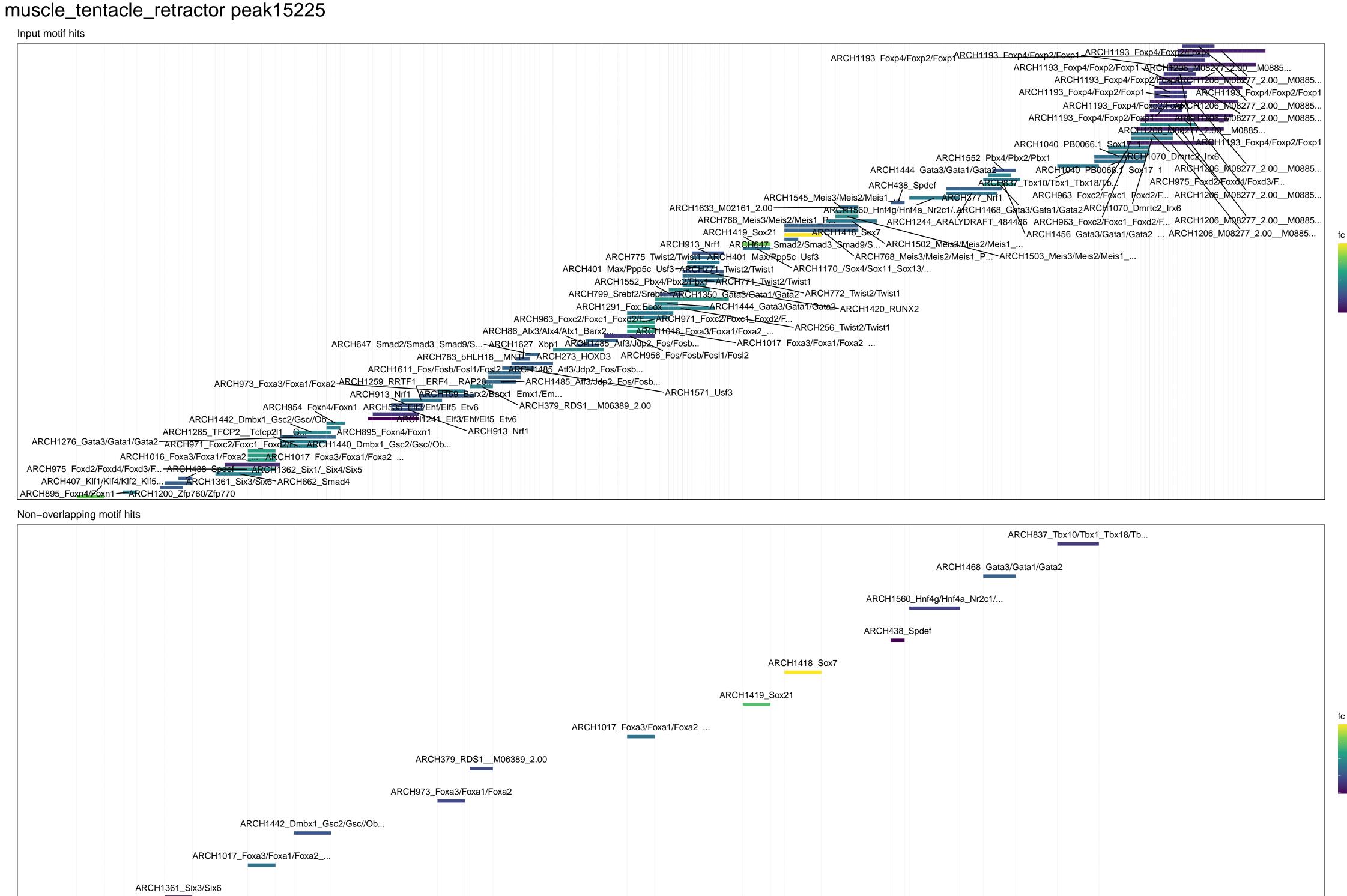






ARCH895_Foxn4/Foxn1

ARCH407_KIf1/KIf4/KIf2_KIf5...



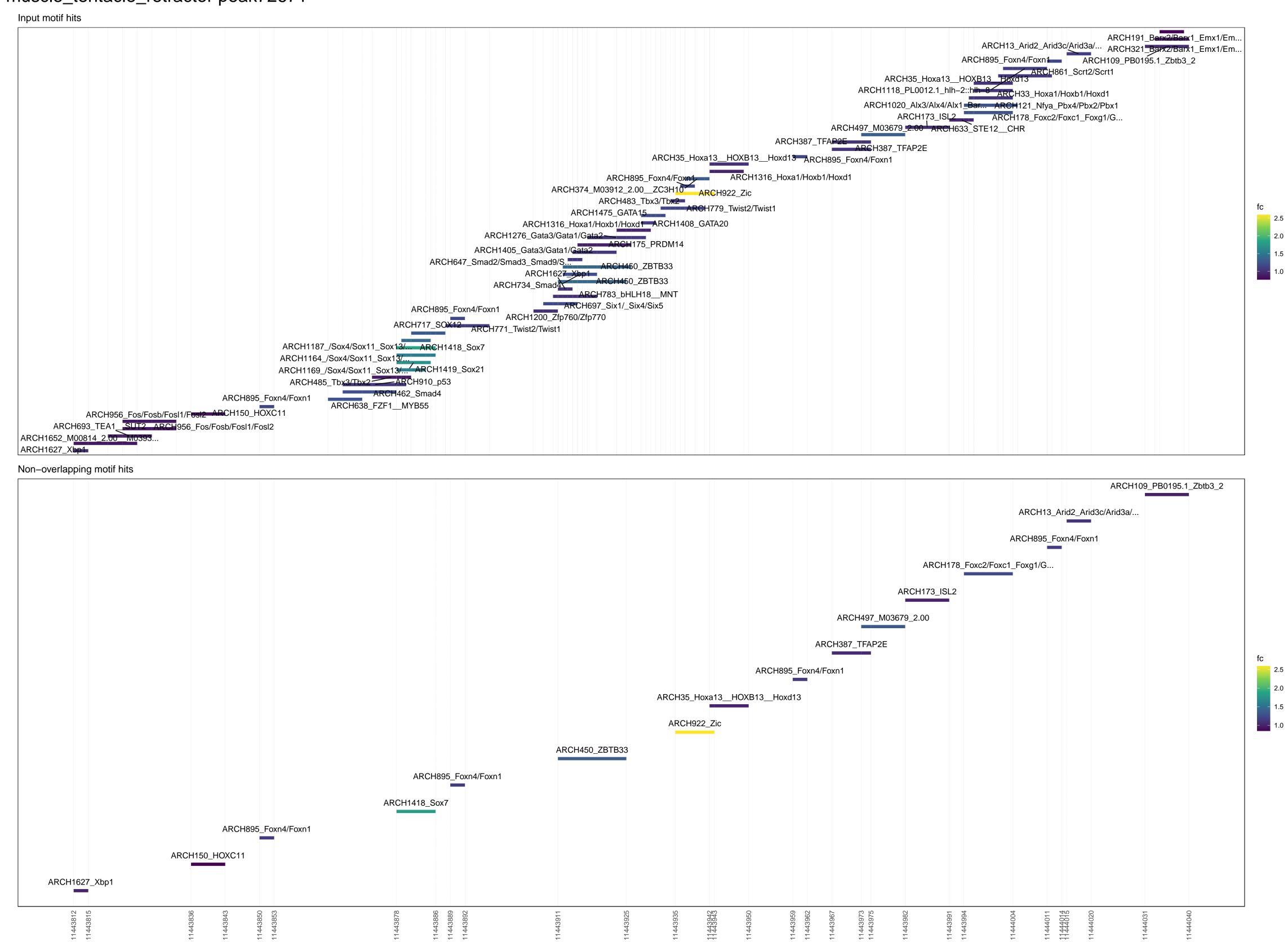
1.8

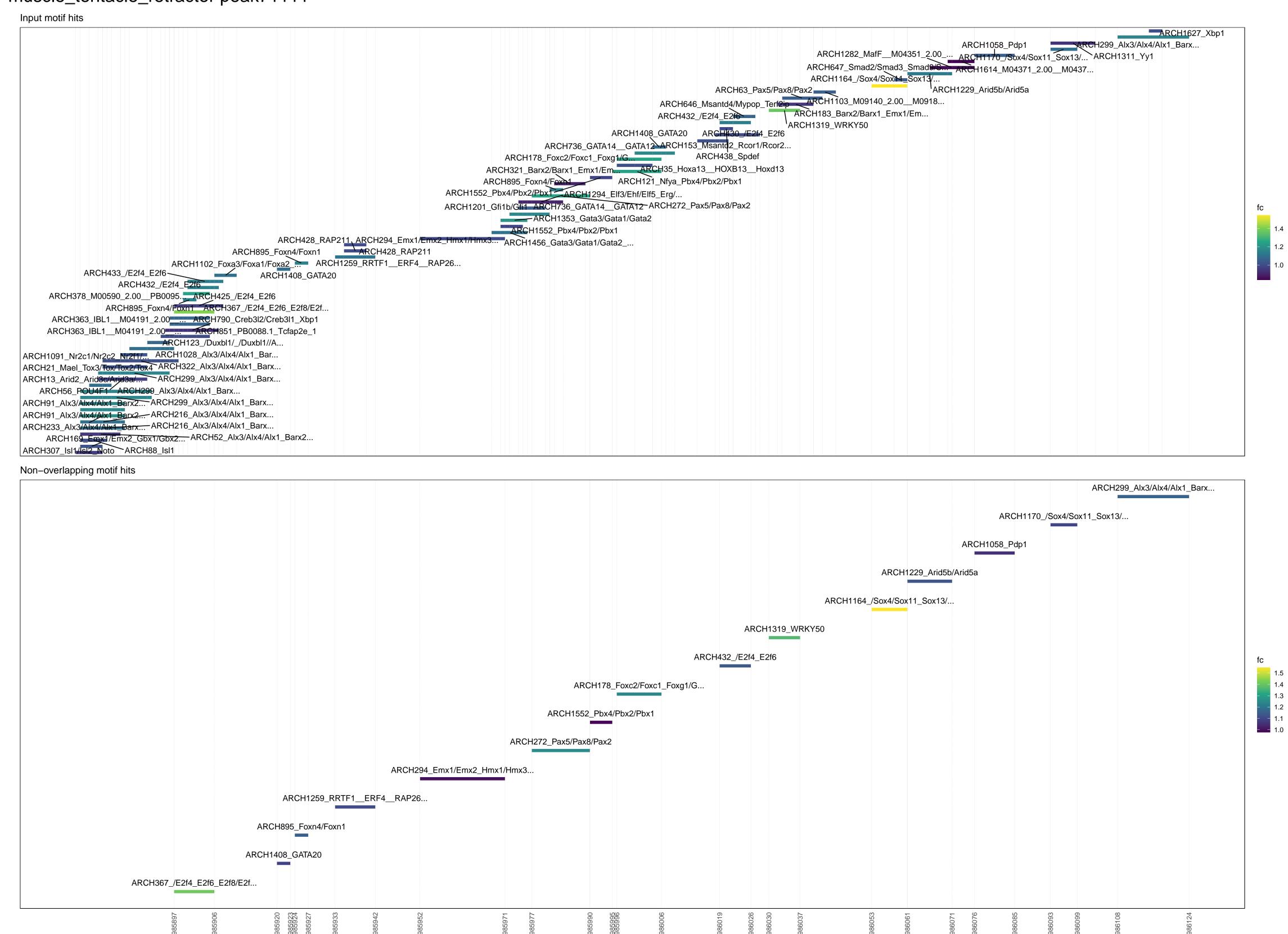
1.6

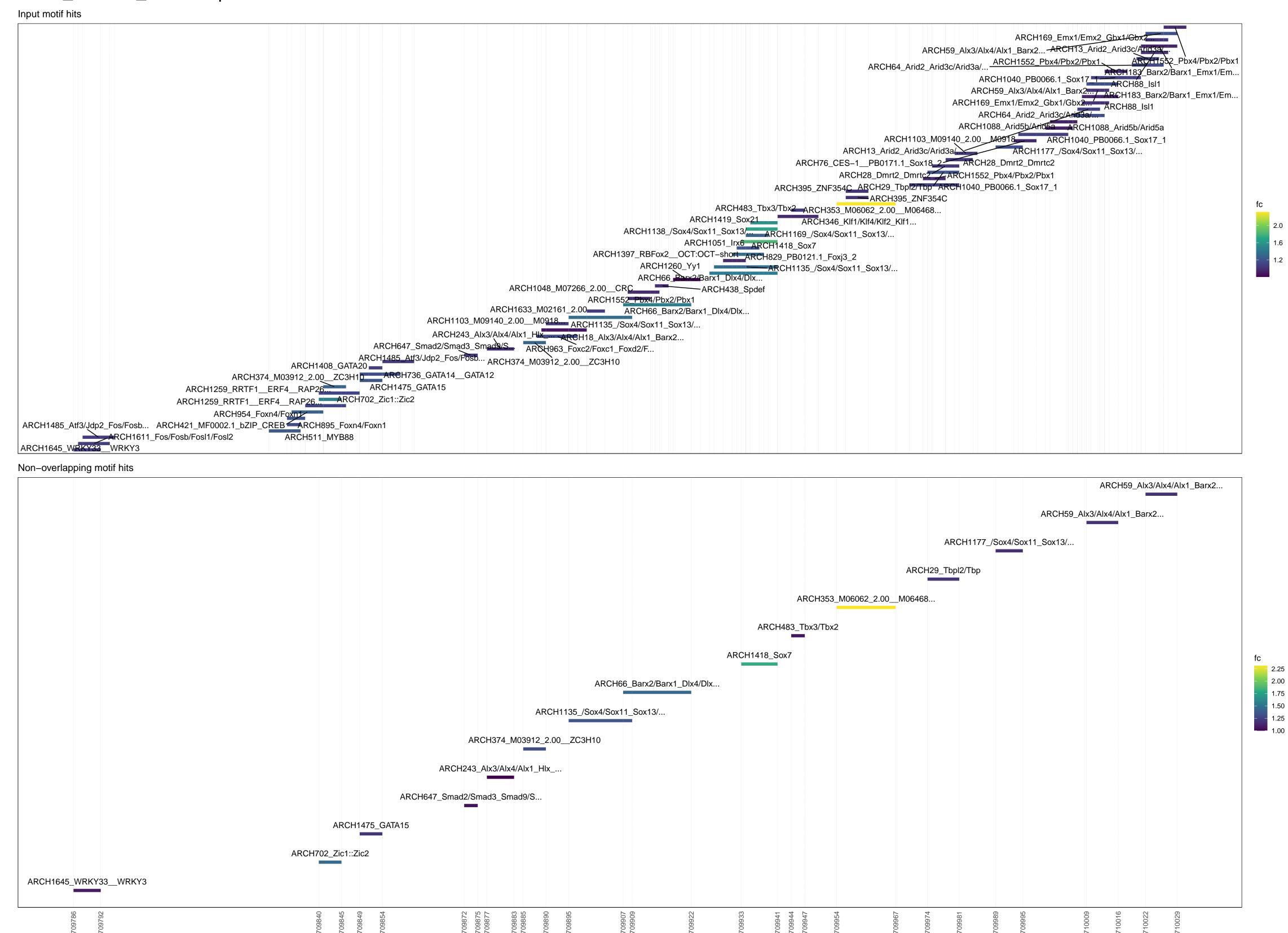
1.4

1.2

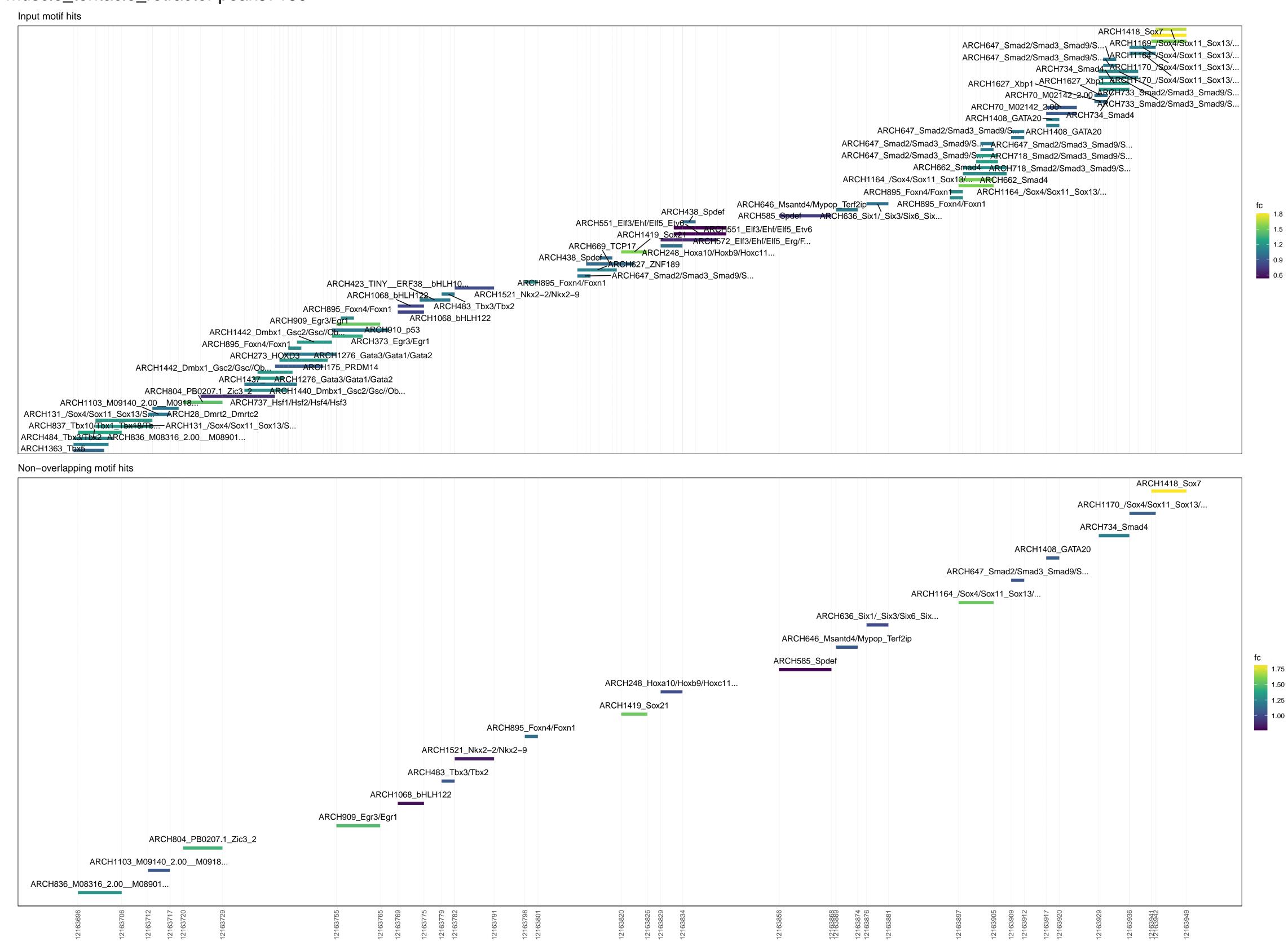
11742163 11742189

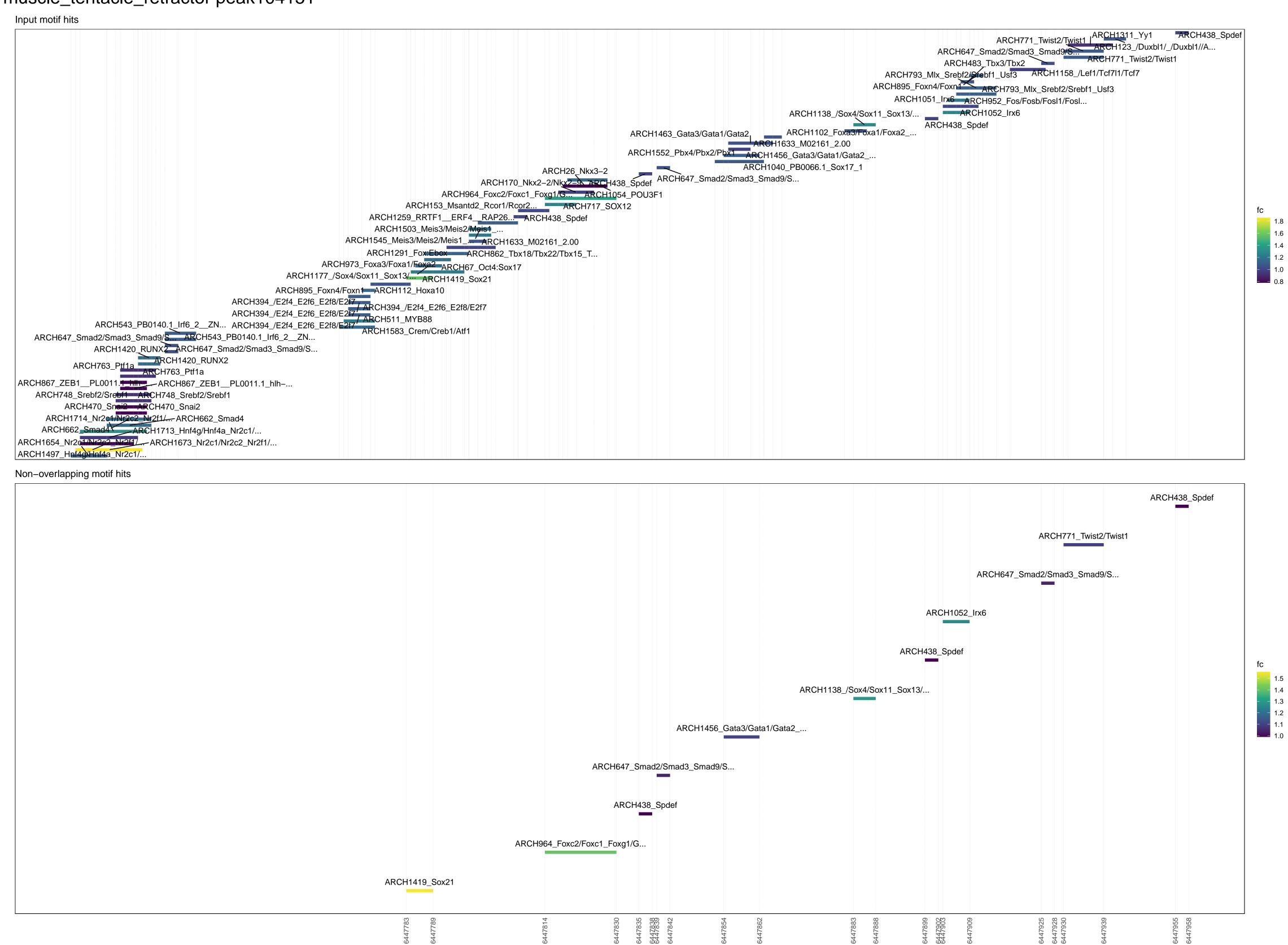


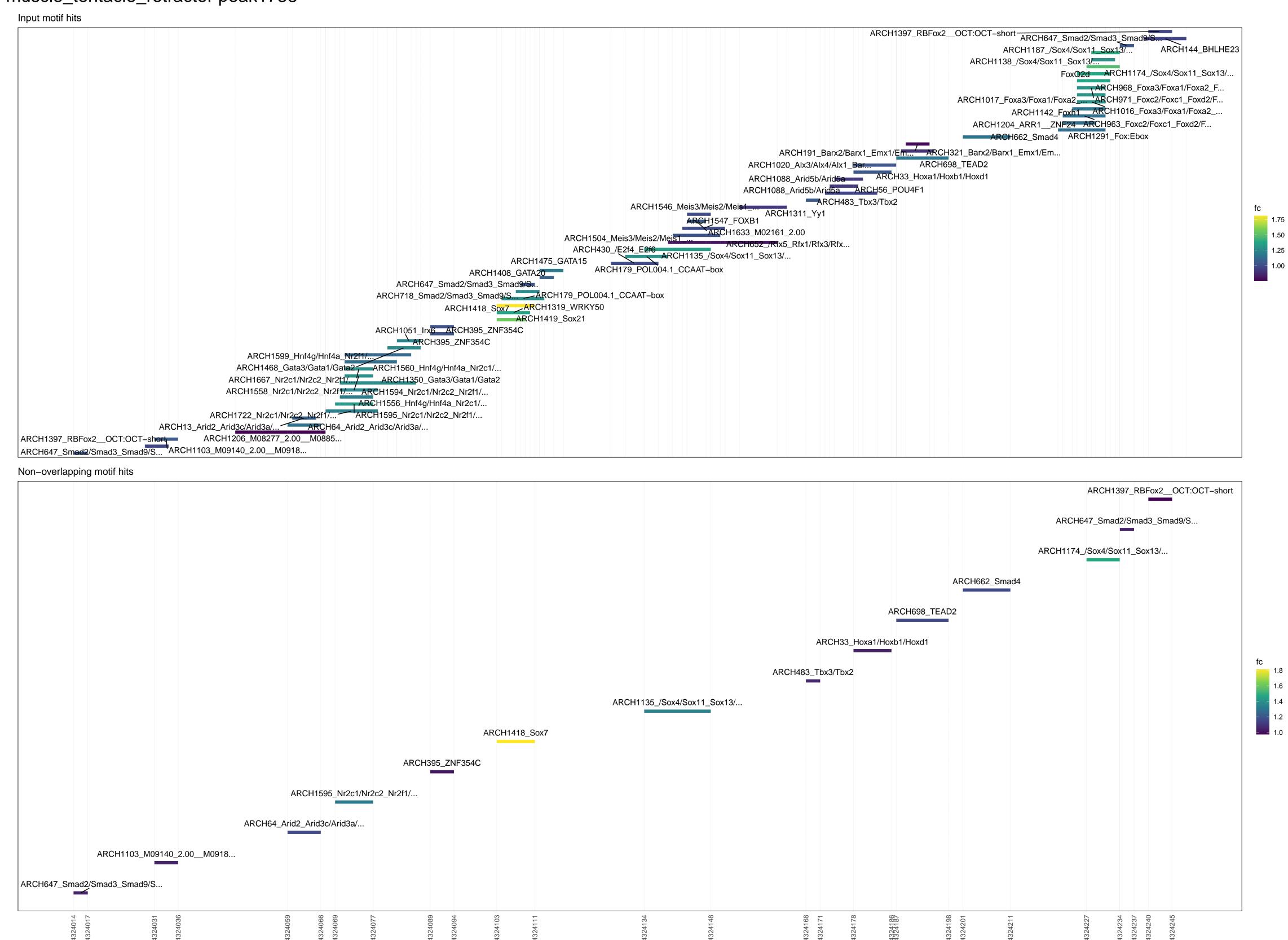




muscle_tentacle_retractor peak16391 Input motif hits ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH304_Alx3/Alx4/Alx1_Barx... ARCH307_lsl1/lsl2_Noto ARCH867_ZEB1__PL0011.1_hlh== ARCH748_Srebf2/Srebf1 ARCH299_Alx3/Alx4/Alx1\Barx... ARCH470_Sr<mark>ai2_ARC</mark>H530_Snai2 ARCH895_Foxn4/Foxn1 ARCH64_Arid2_Arid3c/Arid3a/. ARCH697_Six1/_Six4/Six5 ARCH861_Scrt2/Scrt1 ARCH445_M03750_2.00__M03751... ARCH426_Egr3/Egr1 ARCH1187_/Sox4/Sox11_Sox13/..._ARCH1164_/Sox4/Sox11_Sox13/... ARCH971_Foxc2/Foxc1_Foxd2/F... ARCH1158_/Lef1/Tcf7l1/Tcf7 ARCH1415_/Sox4/Sox11_Sox13/... ARCH1408_GATA20 ARCH954_Foxn4/Foxn1 ARCH1017_Foxa3/Foxa1/Foxa2_... ARCH895_Foxn4/Foxn1 ARCH1544_Nkx2-2/Nkx2-9 ARCH162_Nkx3-2 ARCH1236_M06436_2.00 ARCH26_Nkx3-2 ARCH1108_Mef2c/Mef2b/Mef2a/... ARCH395_ZNF354C 1.25 ARCH395_ZNF354C ARCH882_M07997_2.00__M09622... ARCH438_Spdef ARCH954_Foxn4/Foxn4 ARCH895_Foxn4/Foxn1 ARCH1611_Fos/Fosb/Fosl1/Fosl2 ARCH1579_M03945_2.00__sv ARCH1583_Crem/Creb1/Atf1 ARCH1552_Pbx4/Pbx2/Pbx1 ARCH1361_Six3/Six6_ARCH1361_Six3/Six6 ARCH88_Isl1 ARCH1552_Pbx4/Pbx2/Pbx1 ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH1369_Zfp7/Gm21060 ARCH128_PB0068.1_Sox1_1 ARCH128_PB0068.1_Sox1_1 ARCH1103_M09140_2.00__M0918..._ARCH1546_Meis3/Meis2/Meis1_... ARCH438_Spdef ARCH1633_M02161_2.00 ARCH146_Alx3/Alx4/Alx1_Barx... ARCH462_Smad4 ___ARCH828_Zfp1000//Zfp758/Zfp... ARCH1408_GATA20 ARCH1132_M06398_2.00 ARCH1408_GATA20 ARCH1475_GATA15-ARCH1475_GATA15 Non-overlapping motif hits ARCH299_Alx3/Alx4/Alx1_Barx... ARCH861_Scrt2/Scrt1 ARCH697_Six1/_Six4/Six5 ARCH1164_/Sox4/Sox11_Sox13/... ARCH1017_Foxa3/Foxa1/Foxa2_... ARCH954_Foxn4/Foxn1 ARCH1408_GATA20 ARCH162_Nkx3-2 1.5 ARCH1108_Mef2c/Mef2b/Mef2a/... ARCH1236_M06436_2.00 ARCH1579_M03945_2.00__sv ARCH1369_Zfp7/Gm21060 ARCH1633_M02161_2.00 ARCH1103_M09140_2.00__M0918... ARCH828_Zfp1000//Zfp758/Zfp... ARCH462_Smad4



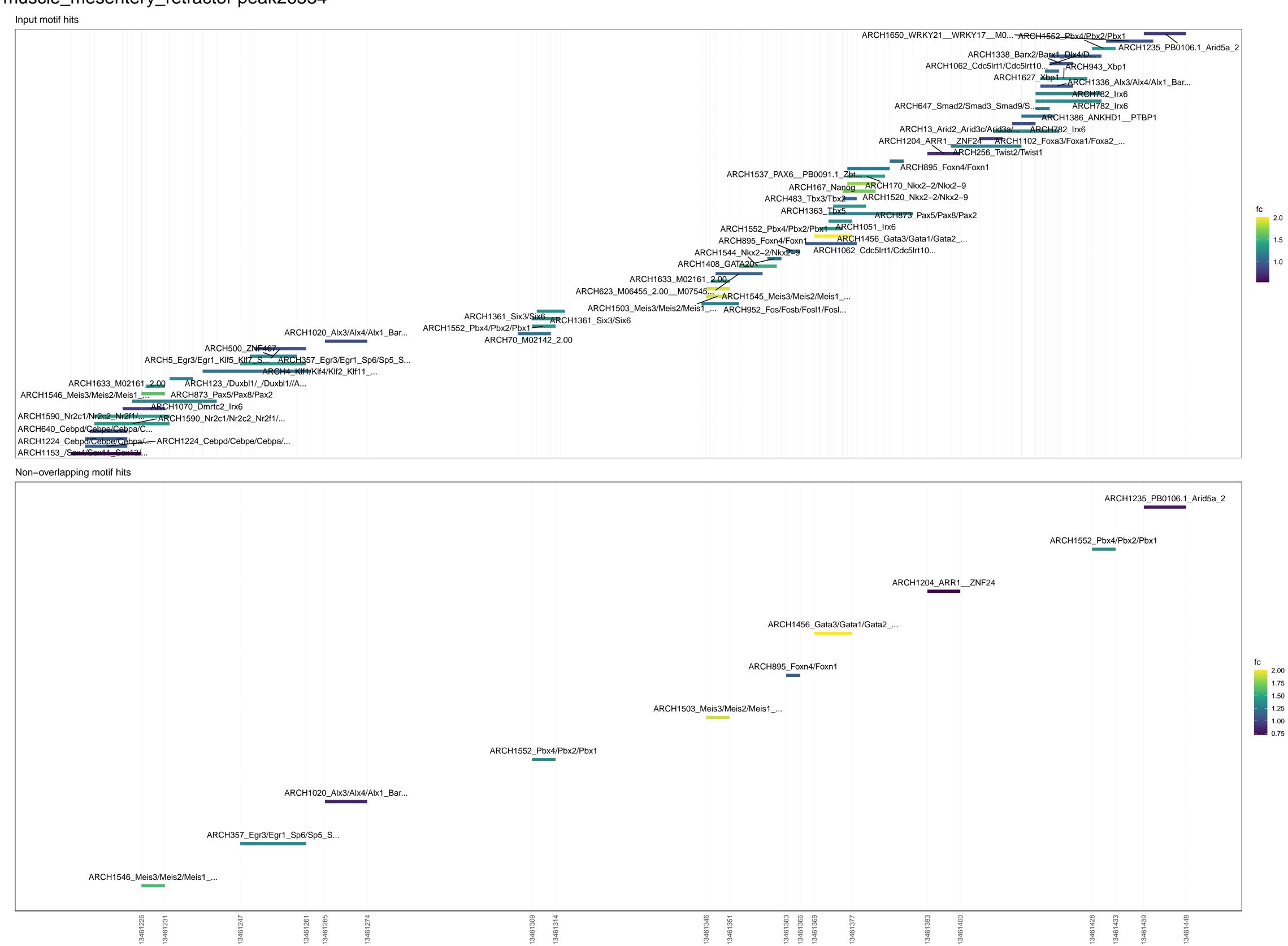


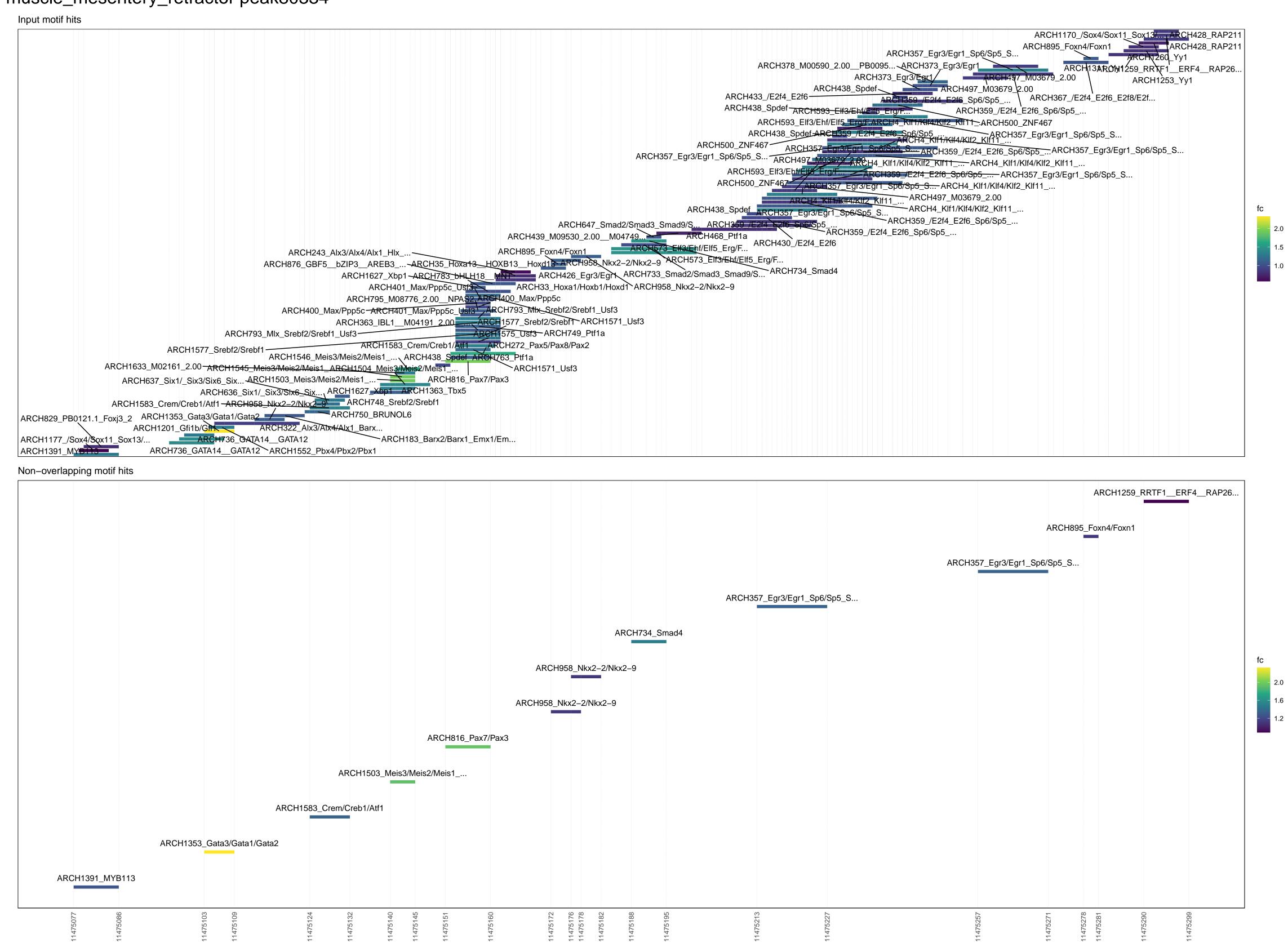


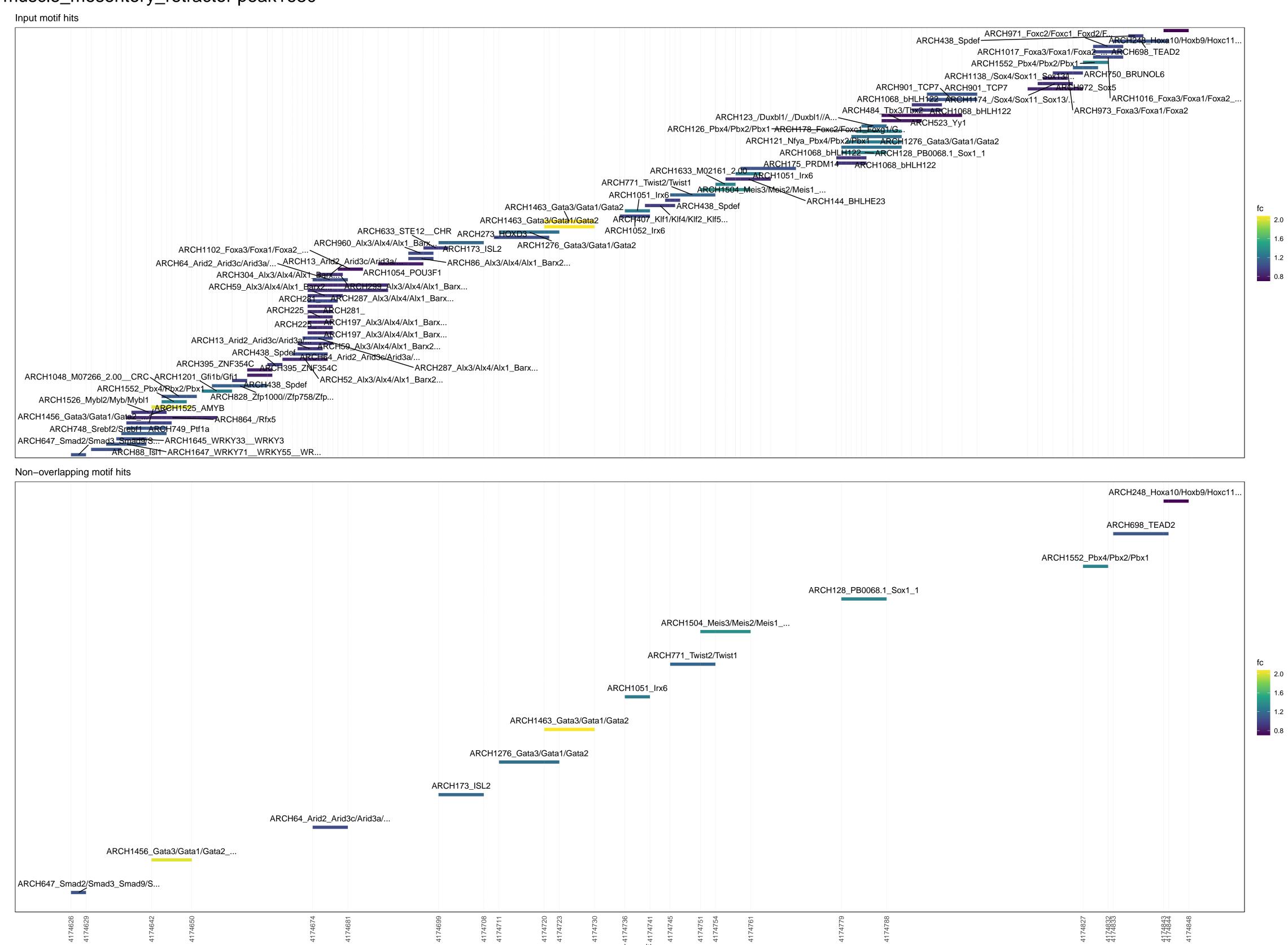
ARCH543_PB0140.1_Irf6_2__ZN...

muscle_tentacle_retractor peak4196 Input motif hits ARCH1369_Zfp7/Gm21060 ARCH1369_Zfp7/Gm21060 ARCH1654_Nr2c1/Nr2c2_Nr2f1/... ARCH1162_/Sox4/Sox11_Sox13/... ARCH895_Foxn4/Foxn1 ARCH483_Tbx3/Tbx2 ARCH1608 Att 3/Jdp2_Crem/Cre... ARCH954_Foxn4/Foxn1 ARCH699_TEAD4
ARCH438_Spdef
ARCH729_Hsf1/Hsf2/Hsf4/Hsf3 ARCH700_TEAD3__TEAD1 ARCH698 TEAD2 ARCH1162_/Sox4/Sox11_Sox13/... ARCH750_BRUNQL6 ARCH483_Tbx3/Tbx2 ARCH374_M03912_2.00__ZC3H10 ARCH1391_MYB113 ARCH1236_M06436_2.00 ARCH383_/E2f4_E2f6 ARCH669_TCP17 ARCH901_TCP7 ARCH895_Foxn4/Foxn1 ARCH901_TCP7 ARCH867_ZEB1__PL0011.1_hlh=... ARCH468_Ptf1a 1.50 ARCH530_Snai2_ARCH470_Snai2 1.25 ARCH485_Tbx3/Tbx2 ARCH482_/Lef1/Tcf7l1/Tcf7 ARCH851_PB0088.1_Tcfap2e_1 ARCH901_TCP7 ARCH484_Tbx3/Tbx2 ARCH468_Ptf1a ARCH901_TCP7 ARCH438_Spdef ARCH233_Alx3/Alx4/Alx1_Barx... ARCH91_Alx3/Alx4/Alx1_Barx2... ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH729 Hsf1/Hsf2/Hsf4/Hsf3 ARCH487_Meis3/Meis2/Meis1_P... ARCH928_Nkx2.2 ARCH1539_Nkx2-2/Nkx2-9 ARCH647_Smad2/Smad3_Smad9/S. ARCH103_M09140_2.00_M0918...

ARCH1039_ALCOM ARCH1028_Alx3/Alx4/Alx1_Bar...-ARCH146_Alx3/Alx4/Alx1_Barx... ARCH1200_Zfp760/Zfp770 ARCH1201_Gfi1b/Gfi1 ARCH477_Ptf1a ARCH411_Hnf4g/Hnf4a_Nr2c1/N... ARCH477_Ptf1a ARCH256_Twist2/Twist1 ARCH748_Srebf2/Srebf1 Non-overlapping motif hits ARCH1369_Zfp7/Gm21060 ARCH1369_Zfp7/Gm21060 ARCH954_Foxn4/Foxn1 ARCH700_TEAD3__TEAD1 ARCH1162_/Sox4/Sox11_Sox13/... ARCH374_M03912_2.00__ZC3H10 ARCH1236_M06436_2.00 ARCH233_Alx3/Alx4/Alx1_Barx... ARCH1539_Nkx2-2/Nkx2-9 ARCH647_Smad2/Smad3_Smad9/S... ARCH411_Hnf4g/Hnf4a_Nr2c1/N...

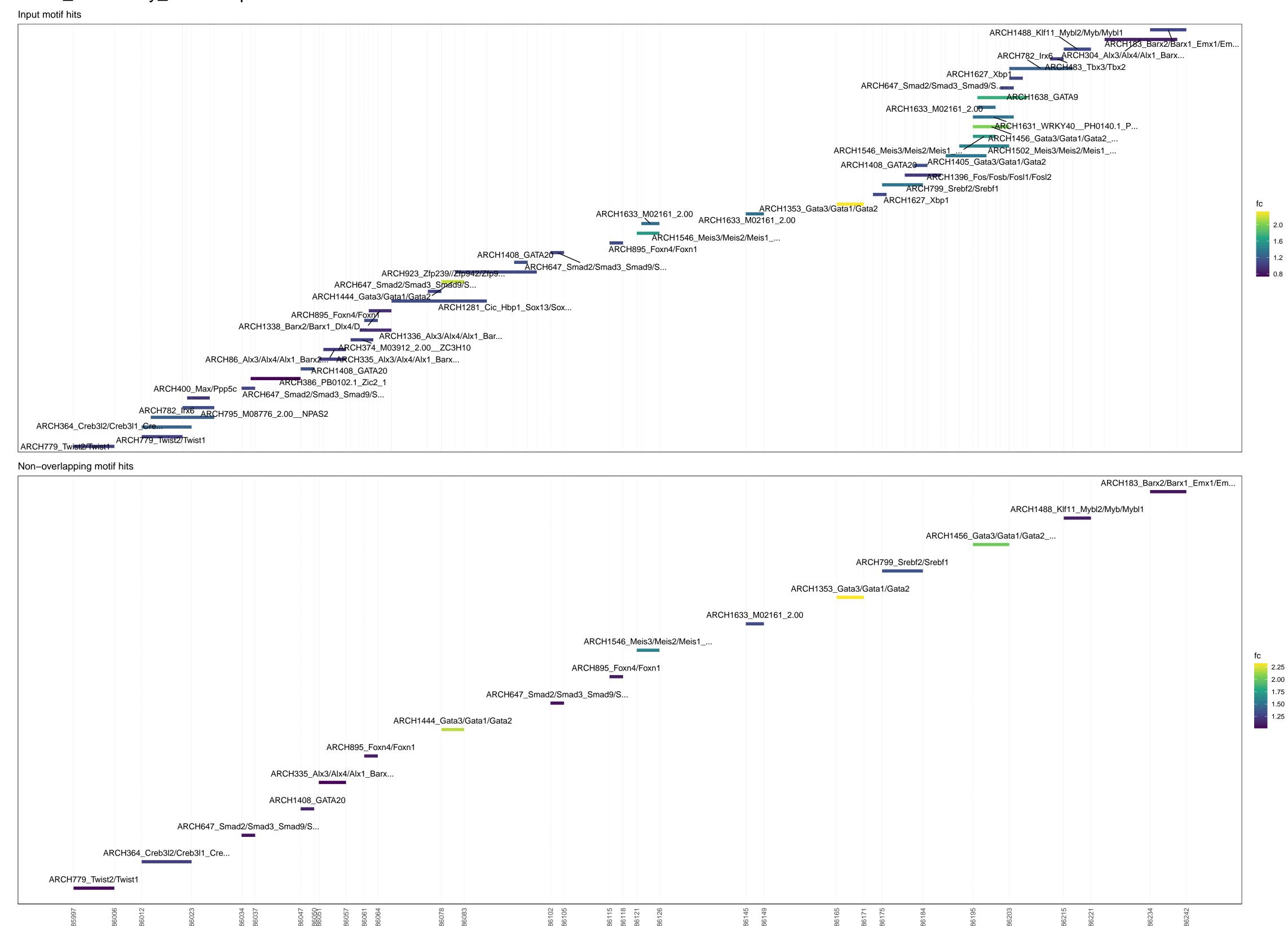


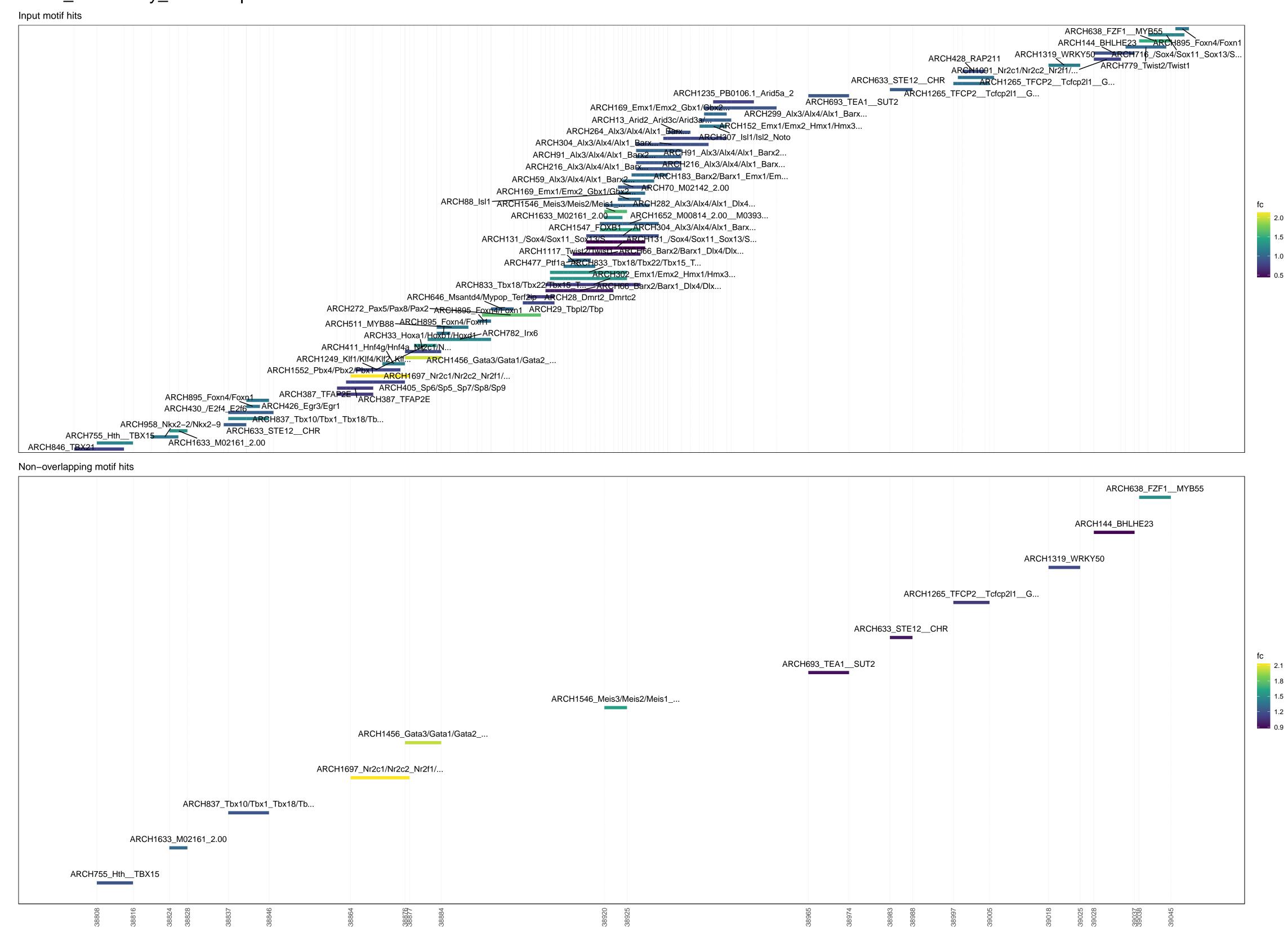


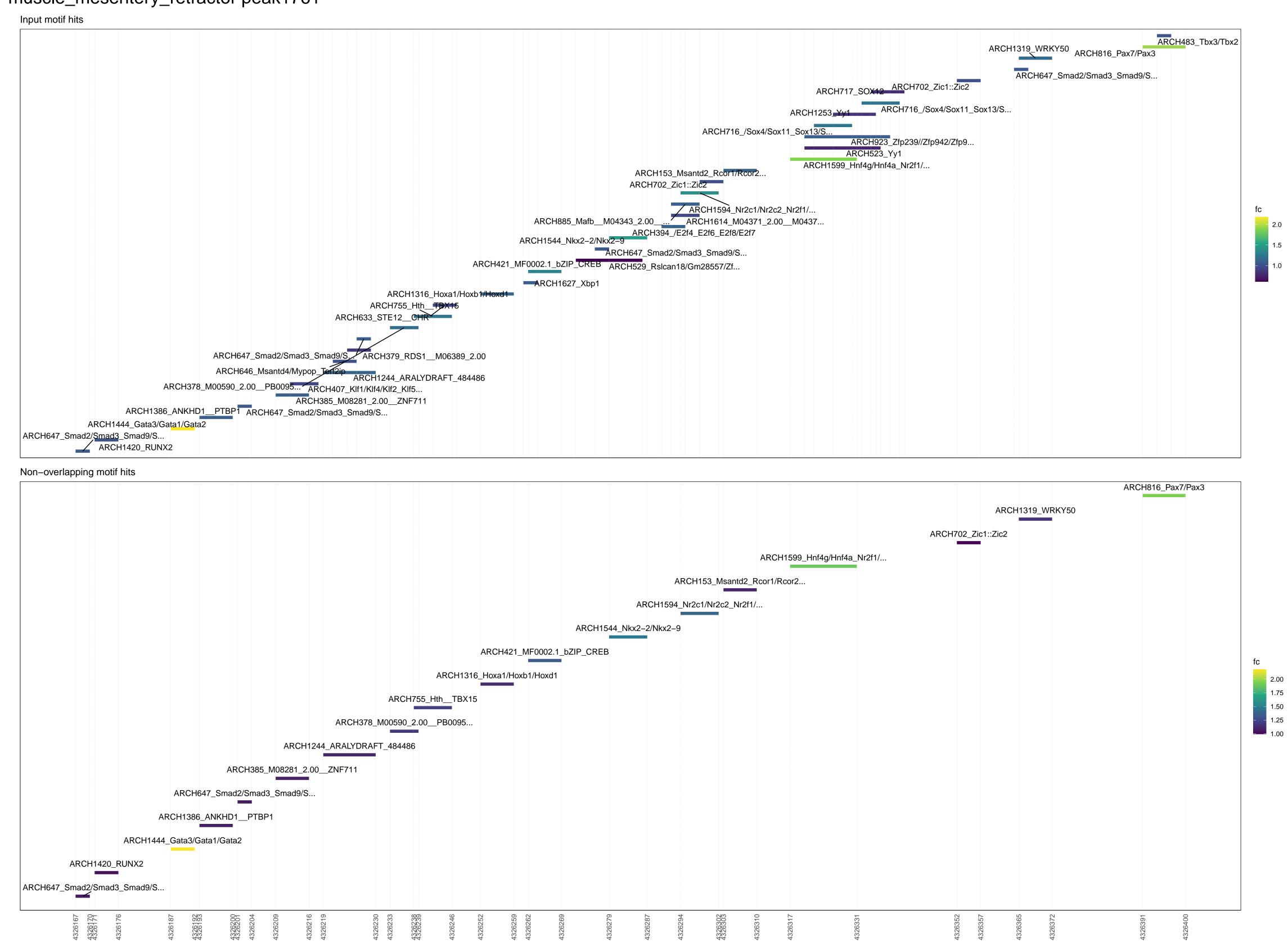


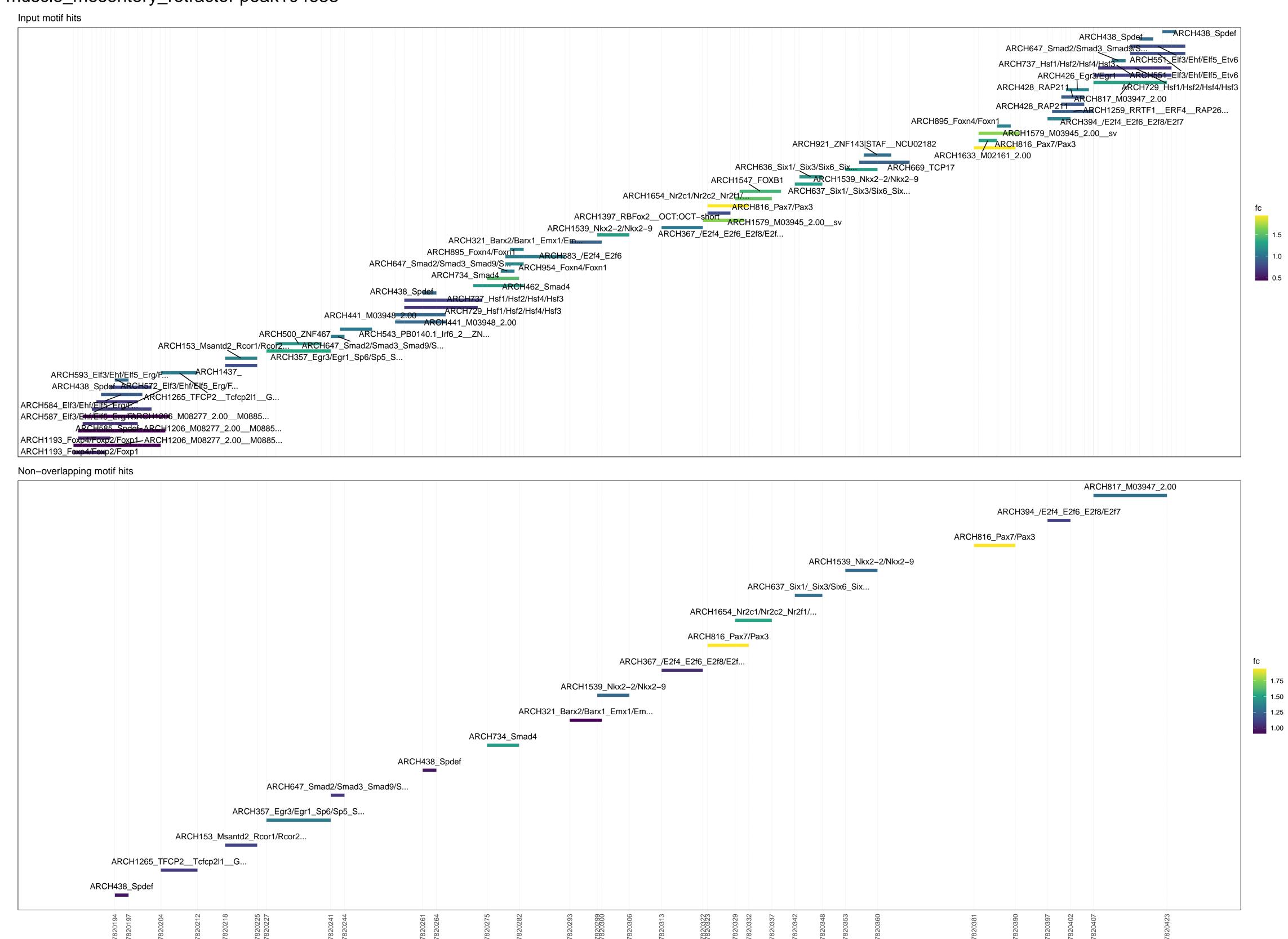
muscle_mesentery_retractor peak89591 Input motif hits ARCH755_Hth__TBX15 ARCH1408_GATA20 ARCH647_Smad2/Smad3_Smad9/S... ARCH895_Foxn4/Foxn1_ARCH153_Msantd2_Rcor1/Rcor2... ARCH736_GATA14__GATA12 ARCH394_/E2f4_E2f6_E2f8/E&RCH363_IBL1__M04191_2.00_ ARCH421_MF0002.1_bZIP_CREB ___ARCH363_IBL1__M04191_2.00__.. _M03945_2.00__sv ______ ARCH511_MYB88 ARCH504_Pax5/Pax8/Pax2 ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH1579_M03945_2.00__sv-ARCH646_Msantd4/Mypop_Terf2ip ARCH35_Hoxa13_HOXB13_Hoxd13_ ARCH1633_M02161_2.60 RCH1316_Hoxa1/Hoxb1/Hoxd1 ARCH483_Tbx3/Tbx2 ARCH816_Pax7/Pax3 ARCH59_Alx3/Alx4/Alx1_Barx2...ARCH1405_Gata3/Gata1/Gata2 ARCH191 Barx2/Barx1 Emx1/Em...-ARCH335_Alx3/Alx4/Alx1_Barx... -ARCH281_ ARCH248_Hoxa10/Hoxb9/Hoxc11 ARCH197_Alx3/Alx4/Alx1_Barx...ARCH483_Tbx3/Tbx2—ARCH197_Alx3/Alx4/Alx1_Barx... ARCH21_Mael_Tox3/Tox/Tox2/Tox4 ARCH790_Creb3l2/Creb3l1_Xbp1 - ARCH364_Creb3l2/Creb3l1 - Cre_ ARCH949_bZIP48 ARCH876_GBF5_bZIP3_AREB3_... ARCH364_Creb3I2/Creb3I1_Cre... ARCH1633_M02161_2.00-ARCH971_Foxc2/Foxc1_Foxd2/F.. ARCH1017 Foxa3/Foxa1/Foxa2 ARCH1016_Foxa3/Foxa1/Foxa2_... ARCH243_Alx3/Alx4/Alx1_Hlx_...-ARCH1058_Pdp1___ARCH1142_Foxh1 ARCH1048_M07266_2.00_ ARCH637_Six1/_Six3/Six6_Six... ARCH882_M07997_2.00__M09622.. ARCH1415_/Sox4/Sox11_Sox13/... ARCH716_/Sox4/Sox11_Sox13/S... ARCH883_M03443_2.00__M03944... ARCH272_Pax5/Pax8/Pax2 ARCH428_RAP211 ARCH421_MF0002.1_bZIP_CREB ARCH428_RAP211 ARCH647_Smad2/Smad3_Smad9/S... ARCH1539_Nkx2-2/Nkx2-9-ARCH144_BHLHE23 ARCH321_Barx2/Barx1_Emx1/Em... ARCH128_PB0068.1_Sox1_1 ARCH374_M03912_2.00__ZC3H10 ARCH64_Arid2_Arid3c/Arid3a/.. Non-overlapping motif hits ARCH736_GATA14__GATA12 ARCH755_Hth__TBX15 ARCH153_Msantd2_Rcor1/Rcor2... ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH1579_M03945_2.00__sv ARCH646_Msantd4/Mypop_Terf2ip 1.75 ARCH1316_Hoxa1/Hoxb1/Hoxd1 1.50 1.25 ARCH816_Pax7/Pax3 ARCH1583_Crem/Creb1/Atf1 ARCH883_M03443_2.00__M03944... ARCH272_Pax5/Pax8/Pax2 ARCH64_Arid2_Arid3c/Arid3a/...

ARCH128_PB0068.1_Sox1_1

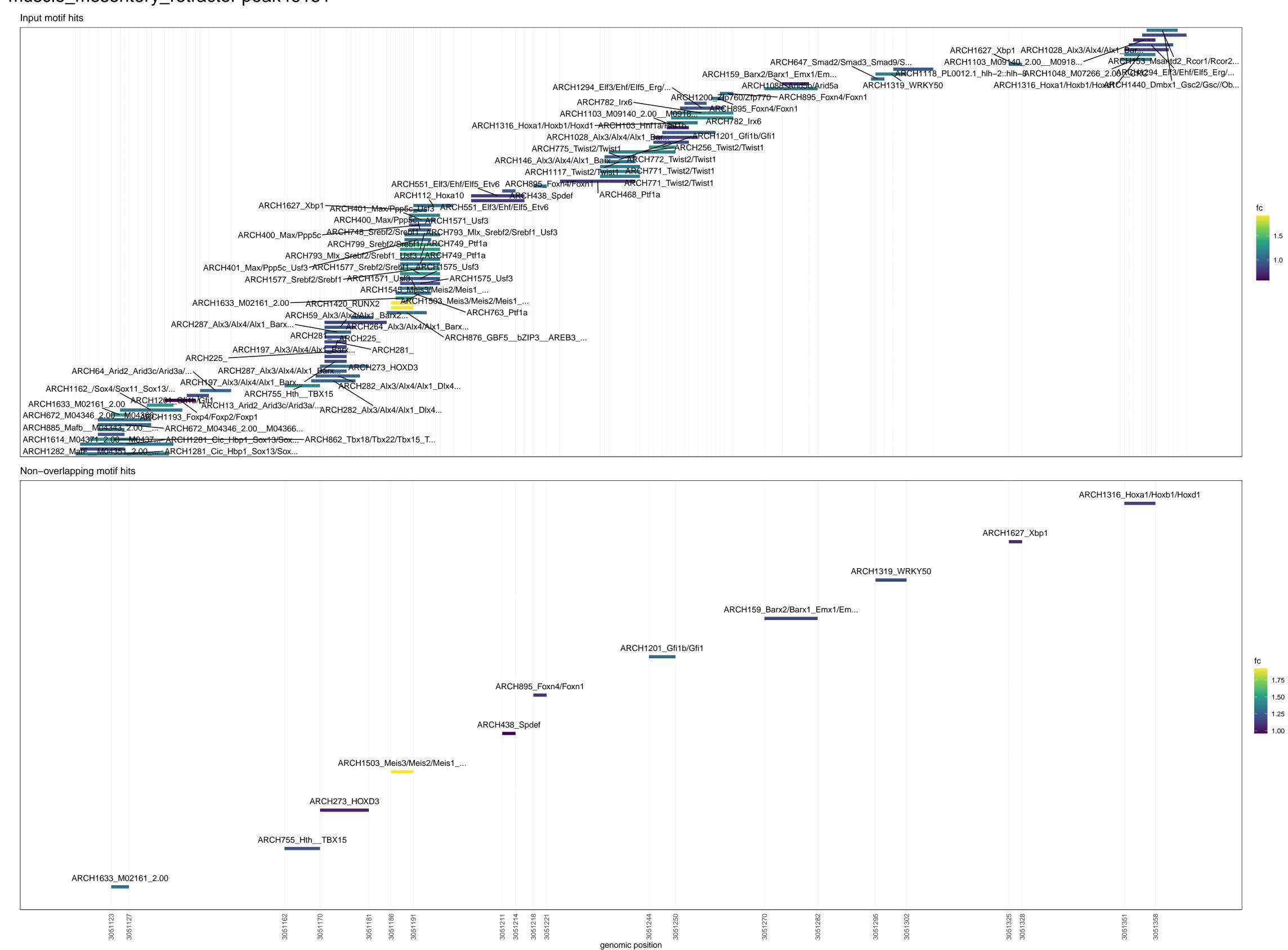






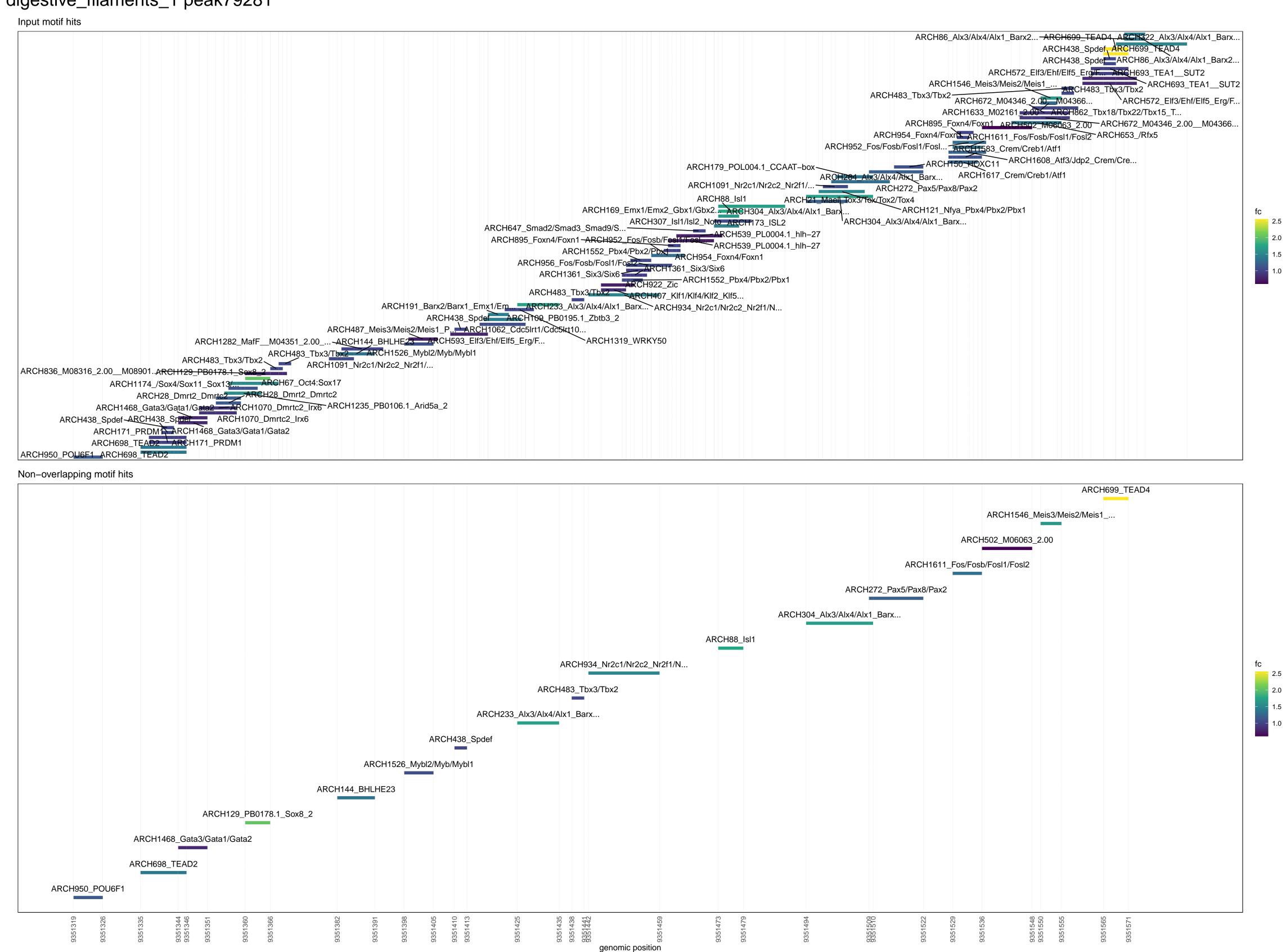


3221137 3221149

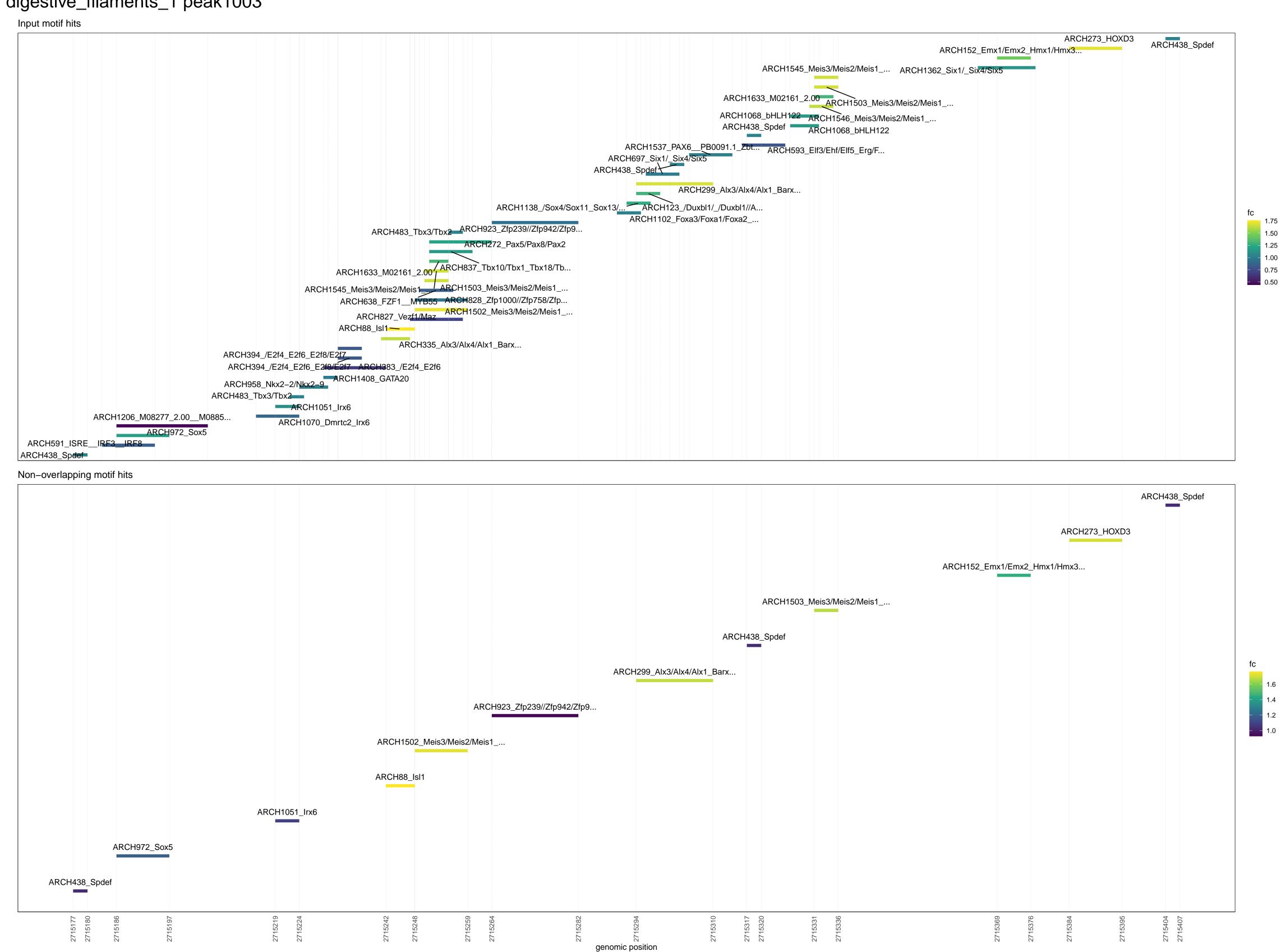


digestive_filaments_1 peak32516 Input motif hits ARCH627_ZNF189 ARCH123_/Duxbl1/_/Duxbl1//A.. ARCH169_Emx1/Emx2_Gbx1/Gbx2 ARCH88_Isl1 ARCH647_Smad2/Smad3_Smad9/S... ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6 ARCH958_Nkx2-2/Nkx2-9 ARCH960_Alx3/Alx4/Alx1_Barx... ARCH86_Alx3/Alx4/Alx1_Barx2... ARCH1316_Hoxa1/Hoxb1/Hoxd1 ARCH1539_Nkx2-2/Nkx2-9 ARCH647_Smad2/Smad3_Smad9/S... ARCH1408_GATA20 ARCH1088_Arid5b/Arid5a ARCH1397_RBFox2__OCT:OCT-short 2.0 ARCH913_Nrf1 ARCH627_ZNF189 ARCH647_Smad2/Smad3_Smad9/S... ARCH771_Twist2/Twist1 ARCH411_Hnf4g/Hnf4a_Nr2c1/N... ARCH539_PL0004.1_hlh-27 ARCH378_M00590_2.00__PB0095... ARCH378_M00590_2.00__PB0095... ARCH367_/E2f4_E2f6_E2f8/E2f... ARCH439_M09530_2.00__M04749... ARCH851_PB0088.1_Tcfap2e_1 ARCH1070_Dmrtc2_Irx6 ARCH379_RDS1__M06389_2.00 ARCH1193_Foxp4/Foxp2/Foxp1 Non-overlapping motif hits ARCH627_ZNF189 ARCH123_/Duxbl1/_/Duxbl1//A... ARCH88_Isl1 ARCH647_Smad2/Smad3_Smad9/S... ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6 ARCH1539_Nkx2-2/Nkx2-9 ARCH647_Smad2/Smad3_Smad9/S... ARCH1408_GATA20 1.5 ARCH1088_Arid5b/Arid5a 1.0 ARCH627_ZNF189 ARCH771_Twist2/Twist1 ARCH411_Hnf4g/Hnf4a_Nr2c1/N... ARCH439_M09530_2.00__M04749... ARCH379_RDS1__M06389_2.00 ARCH1193_Foxp4/Foxp2/Foxp1

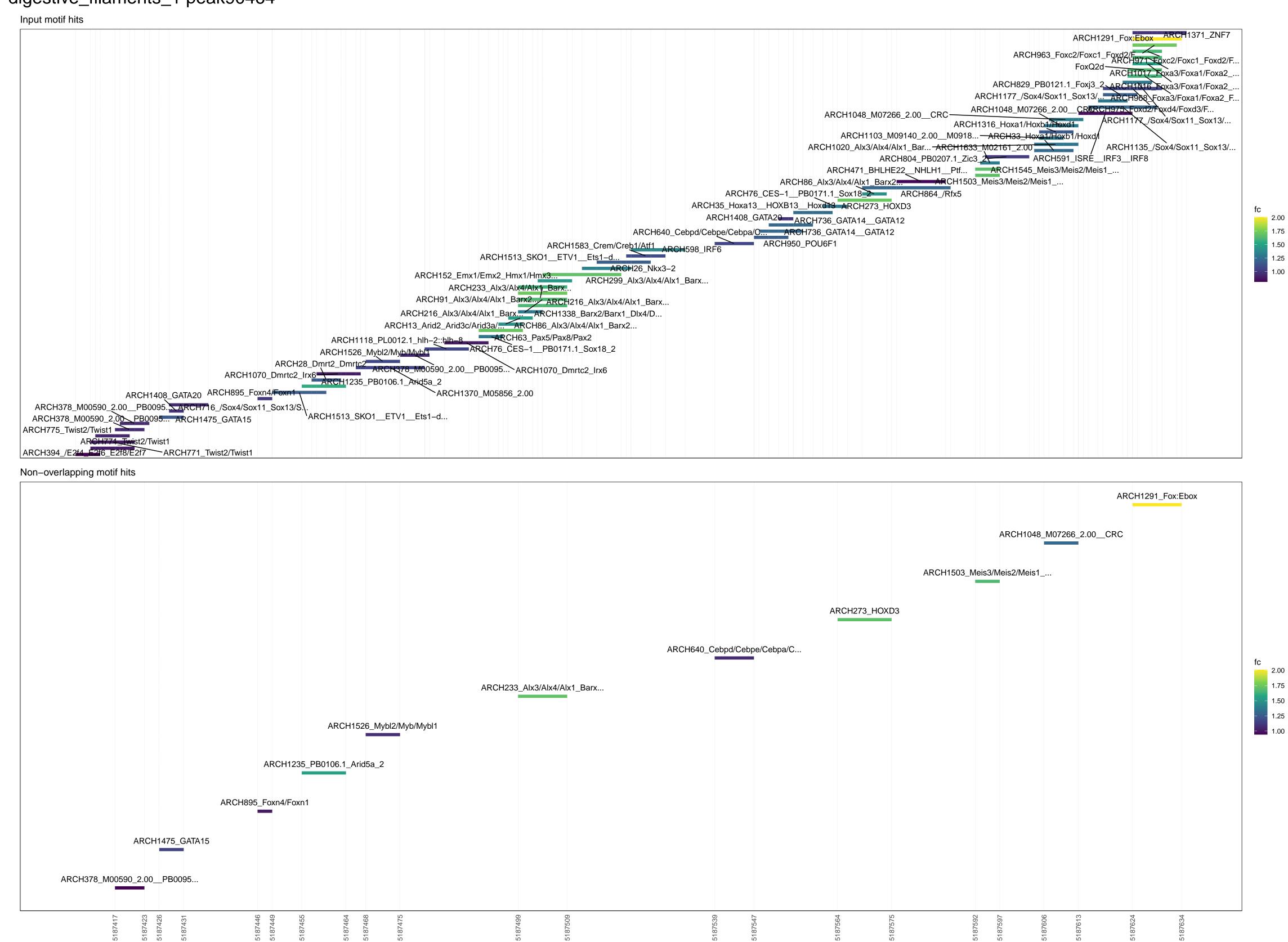
digestive_filaments_1 peak79281

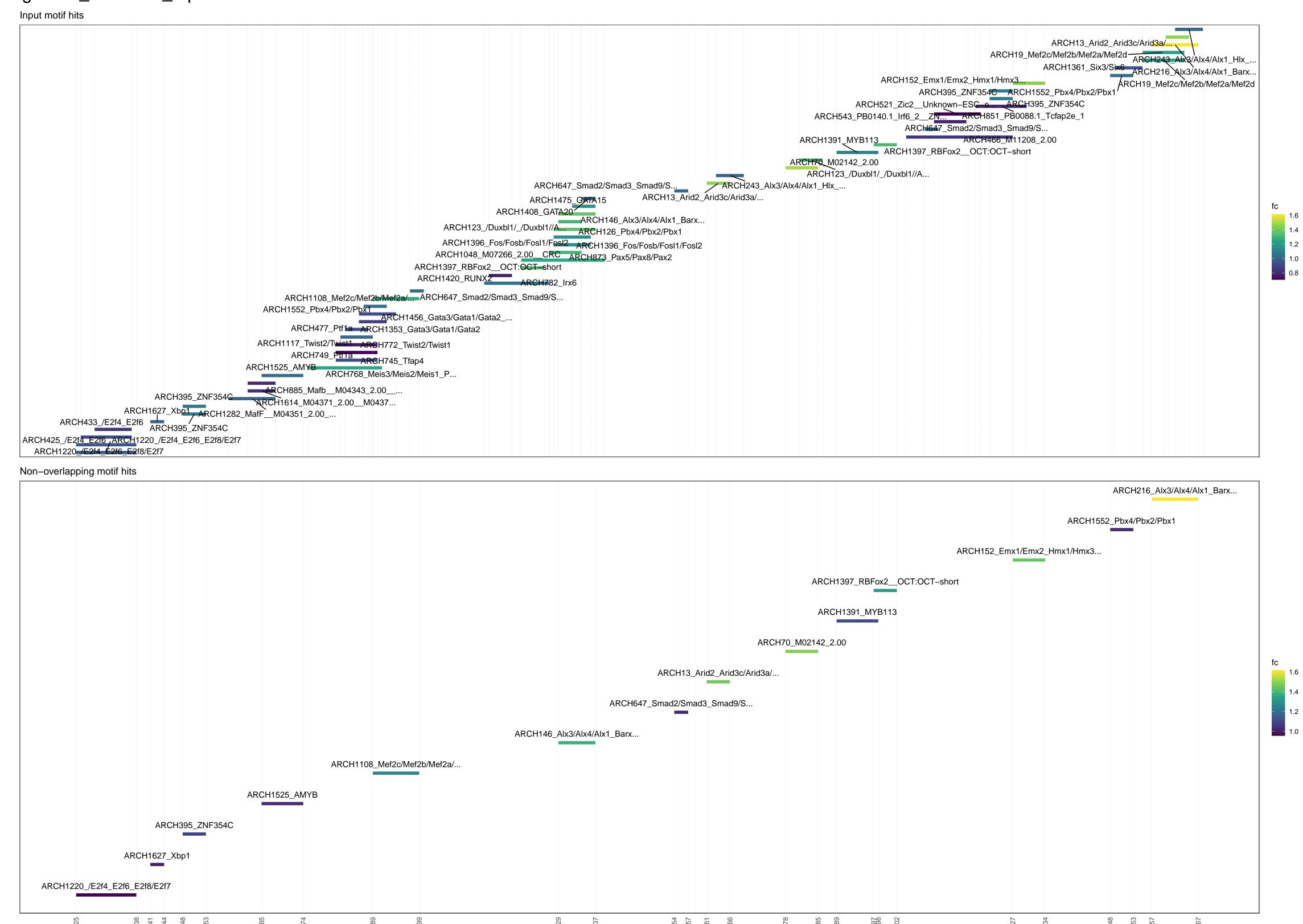


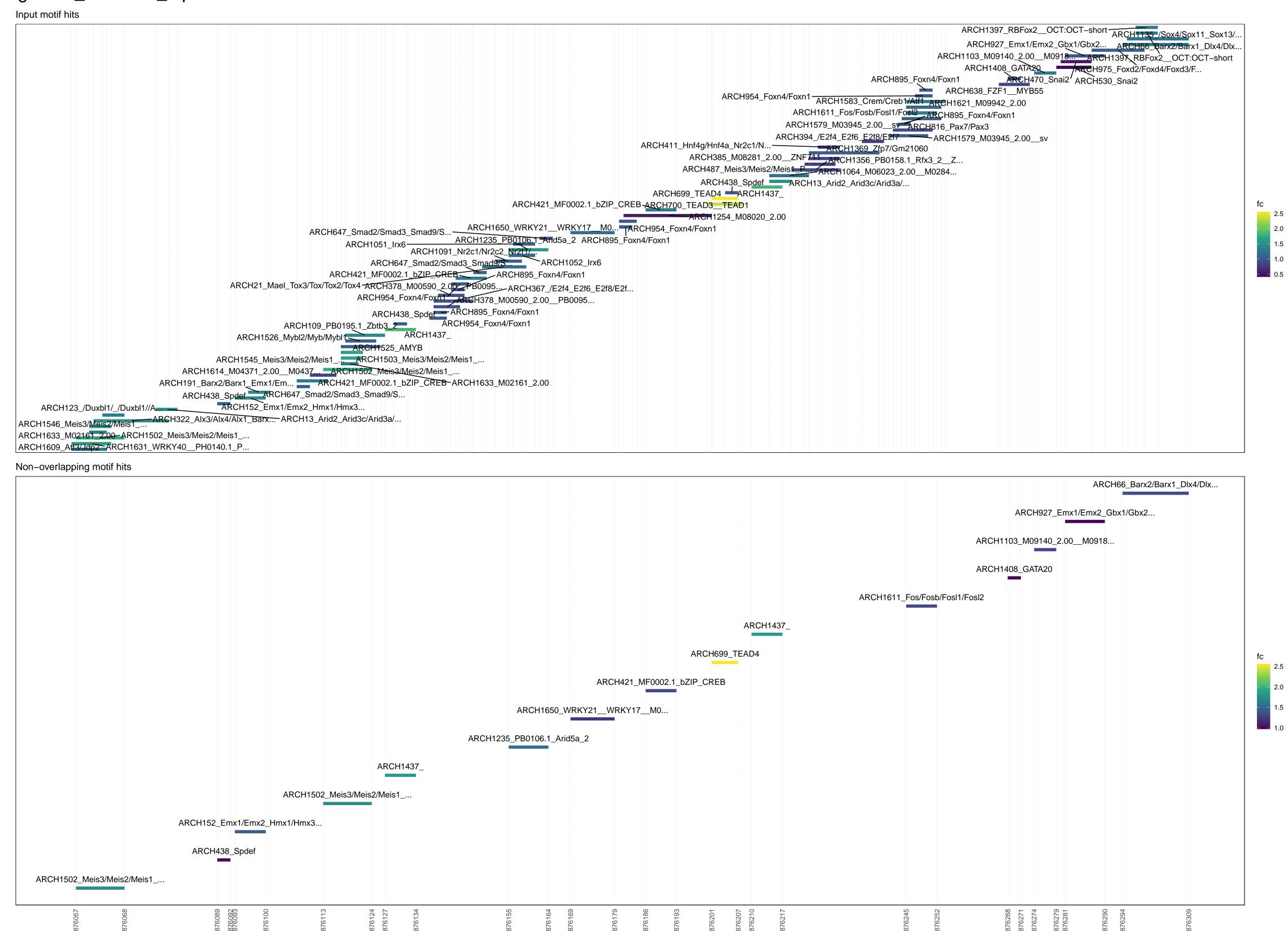
digestive_filaments_1 peak1003

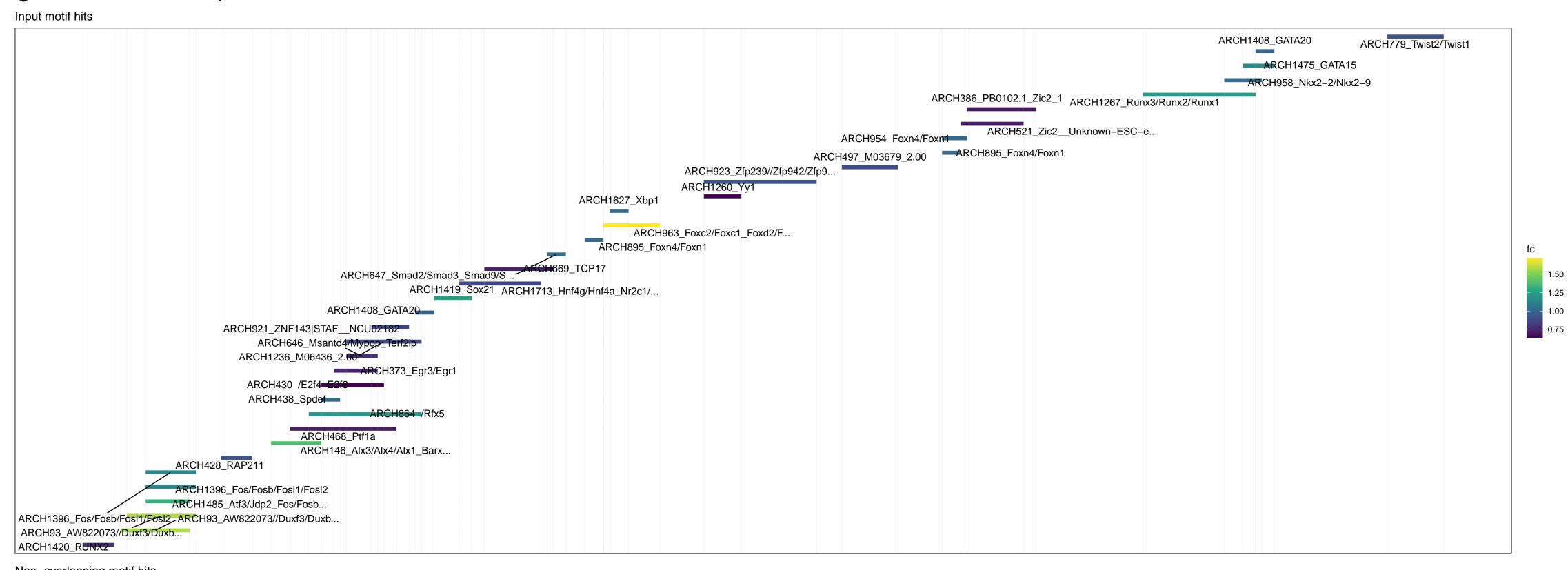


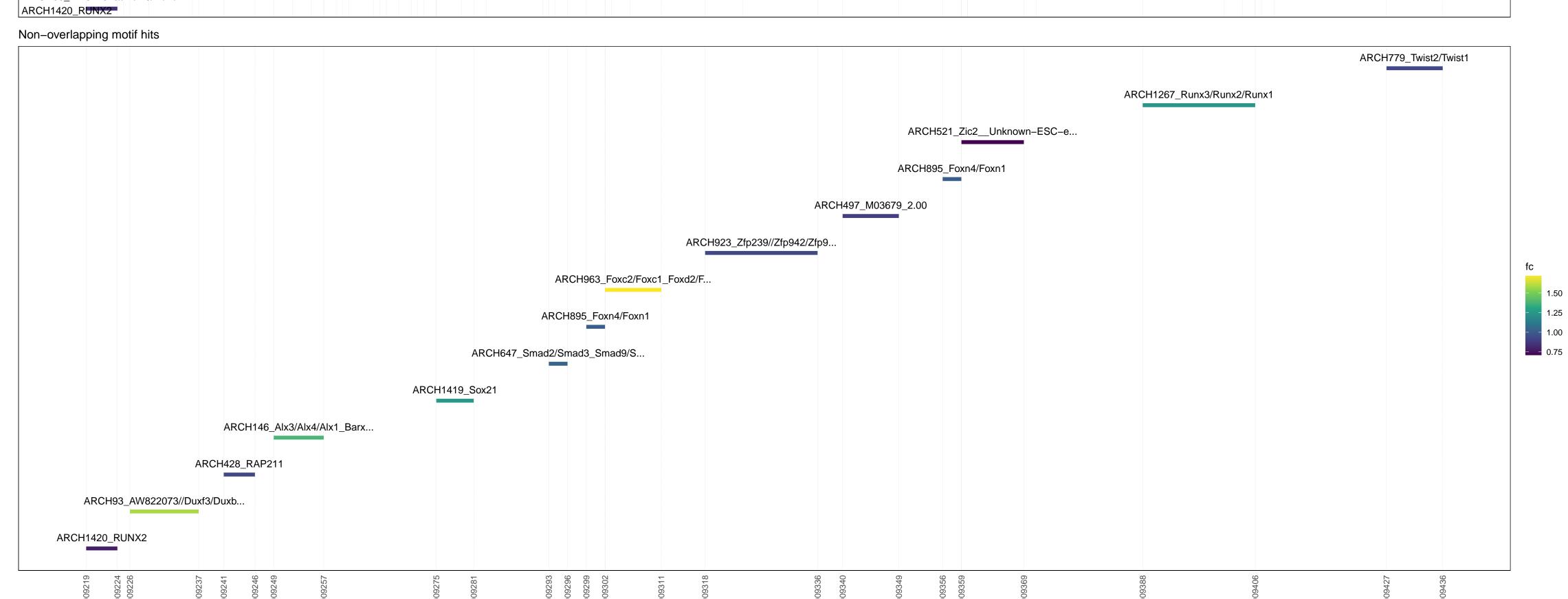
digestive_filaments_1 peak90464



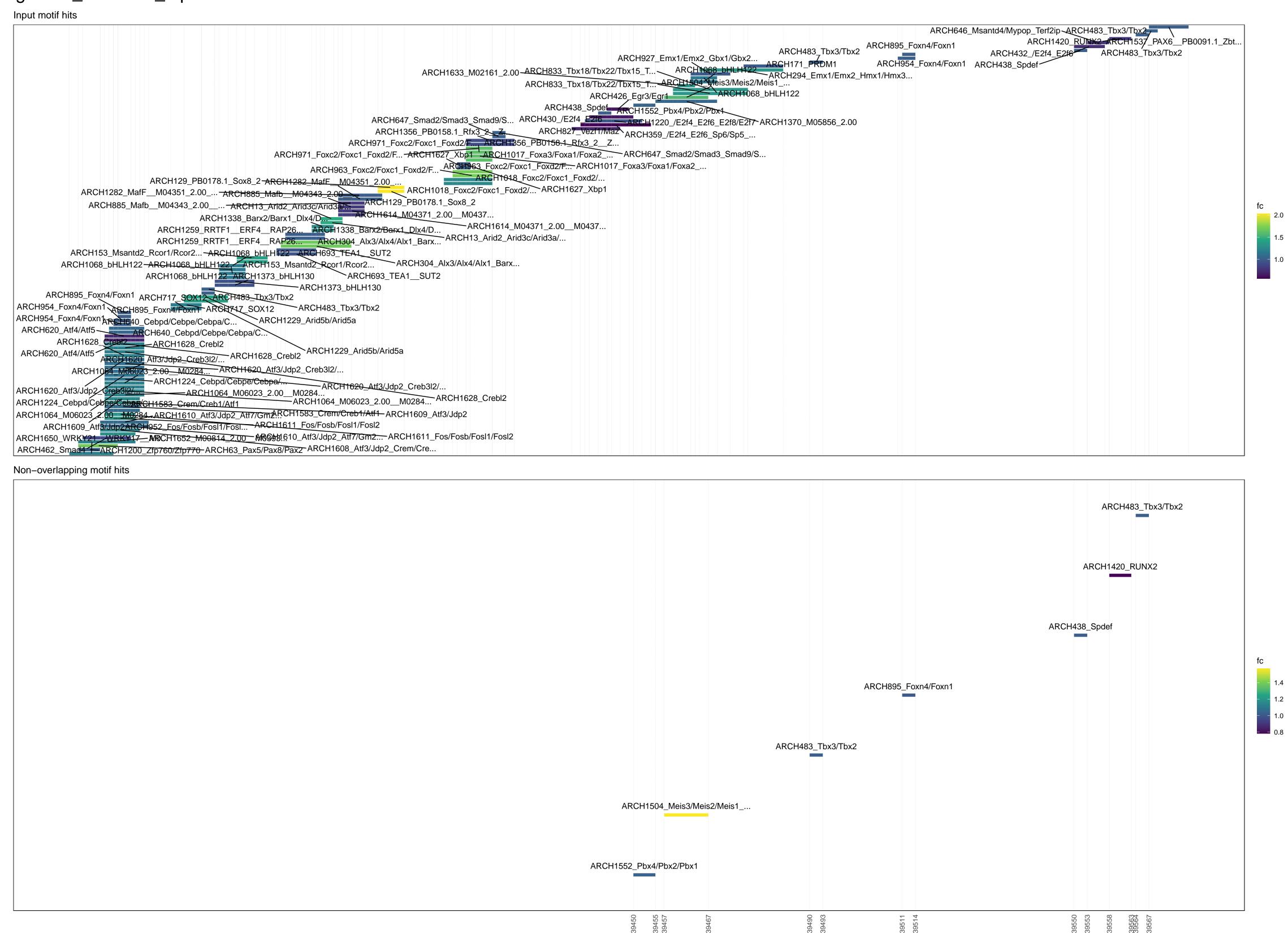


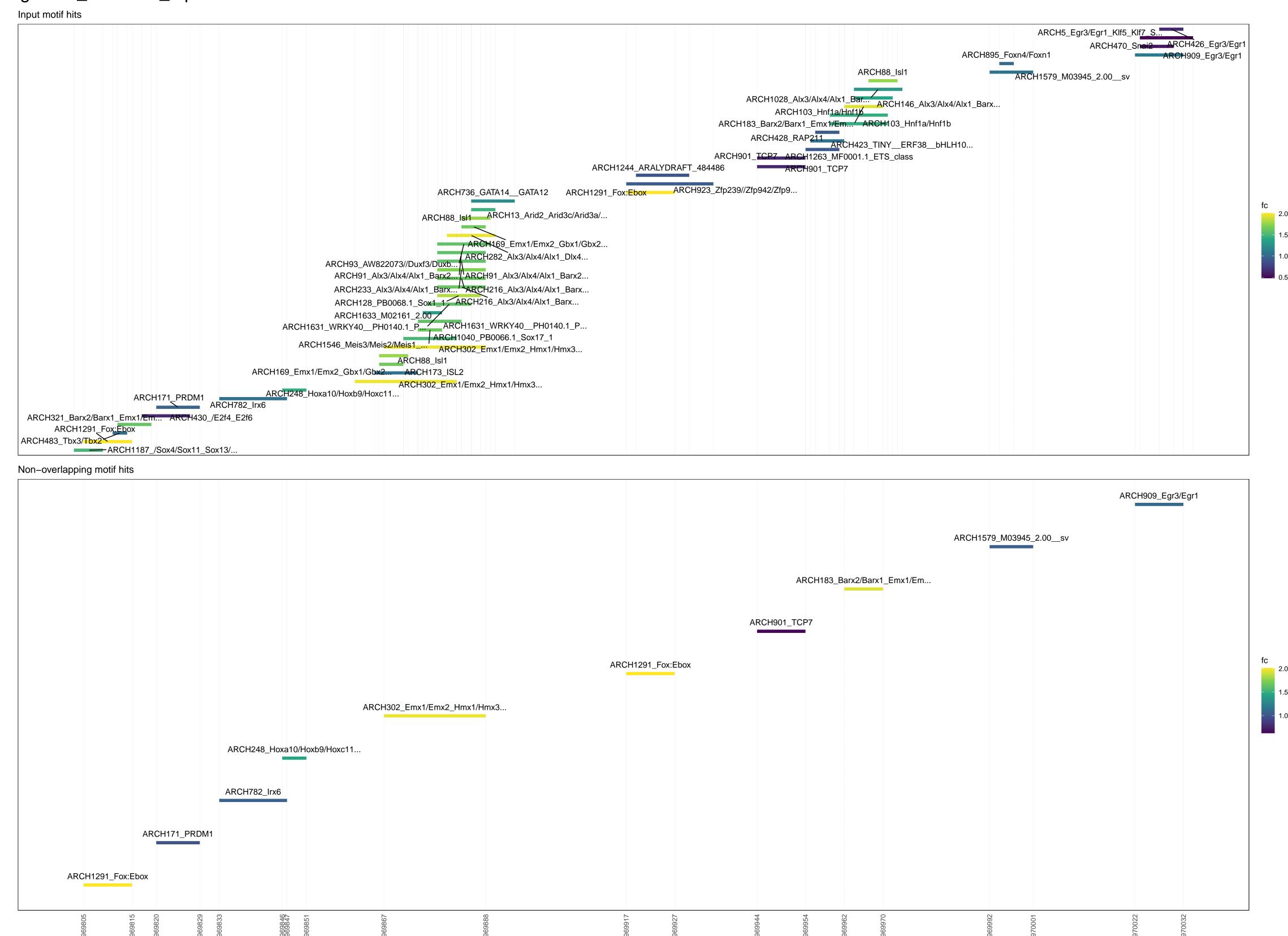


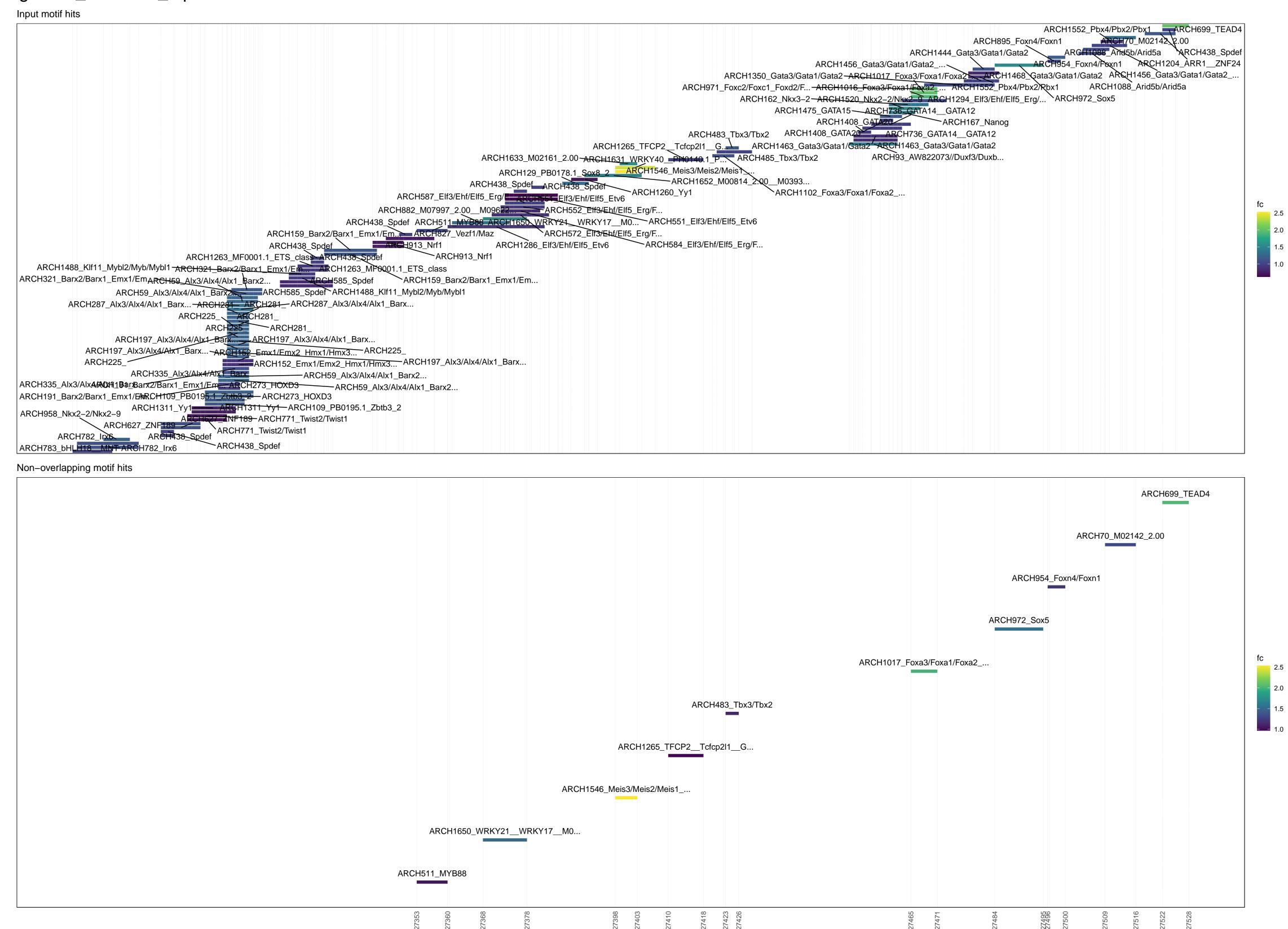


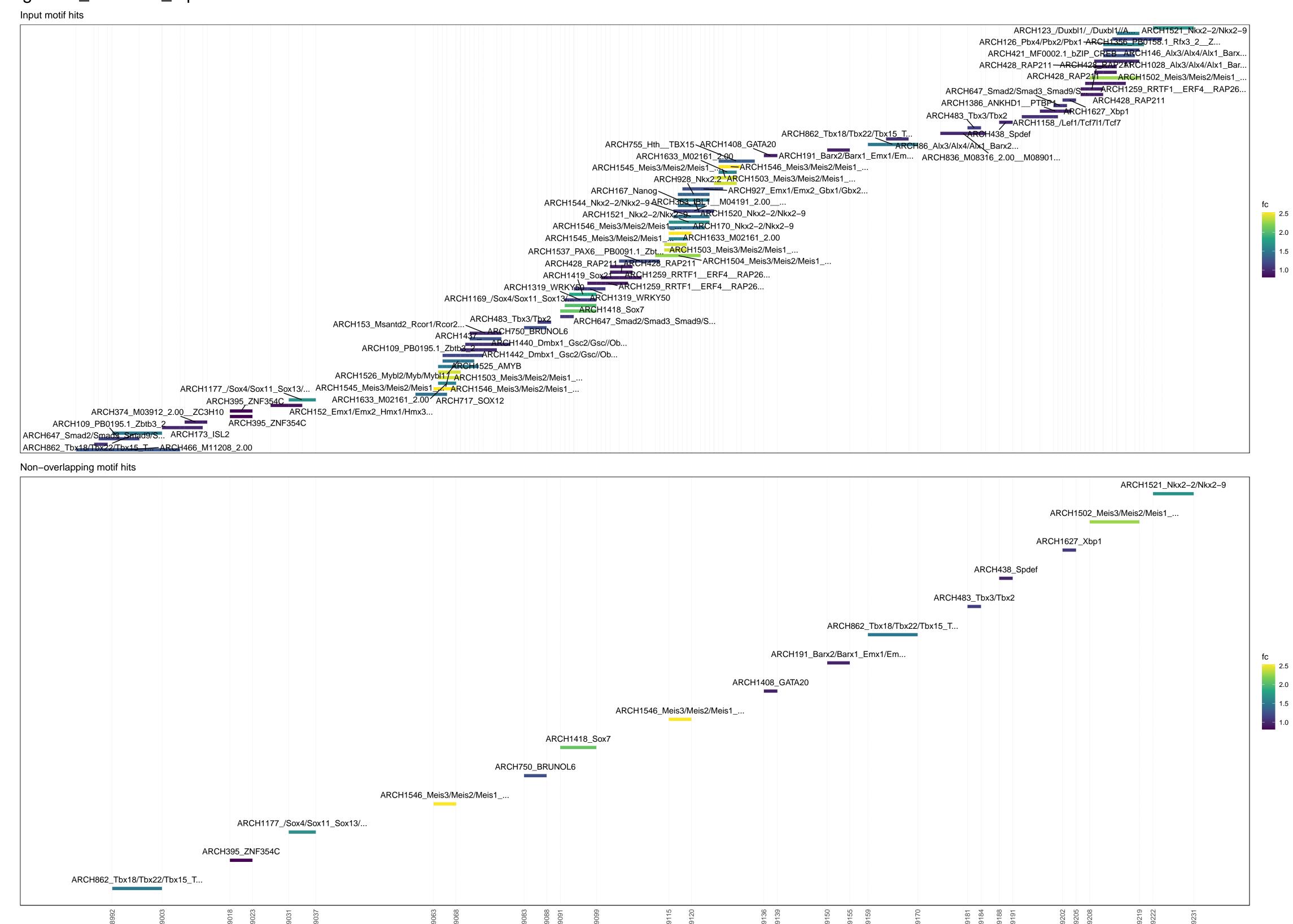


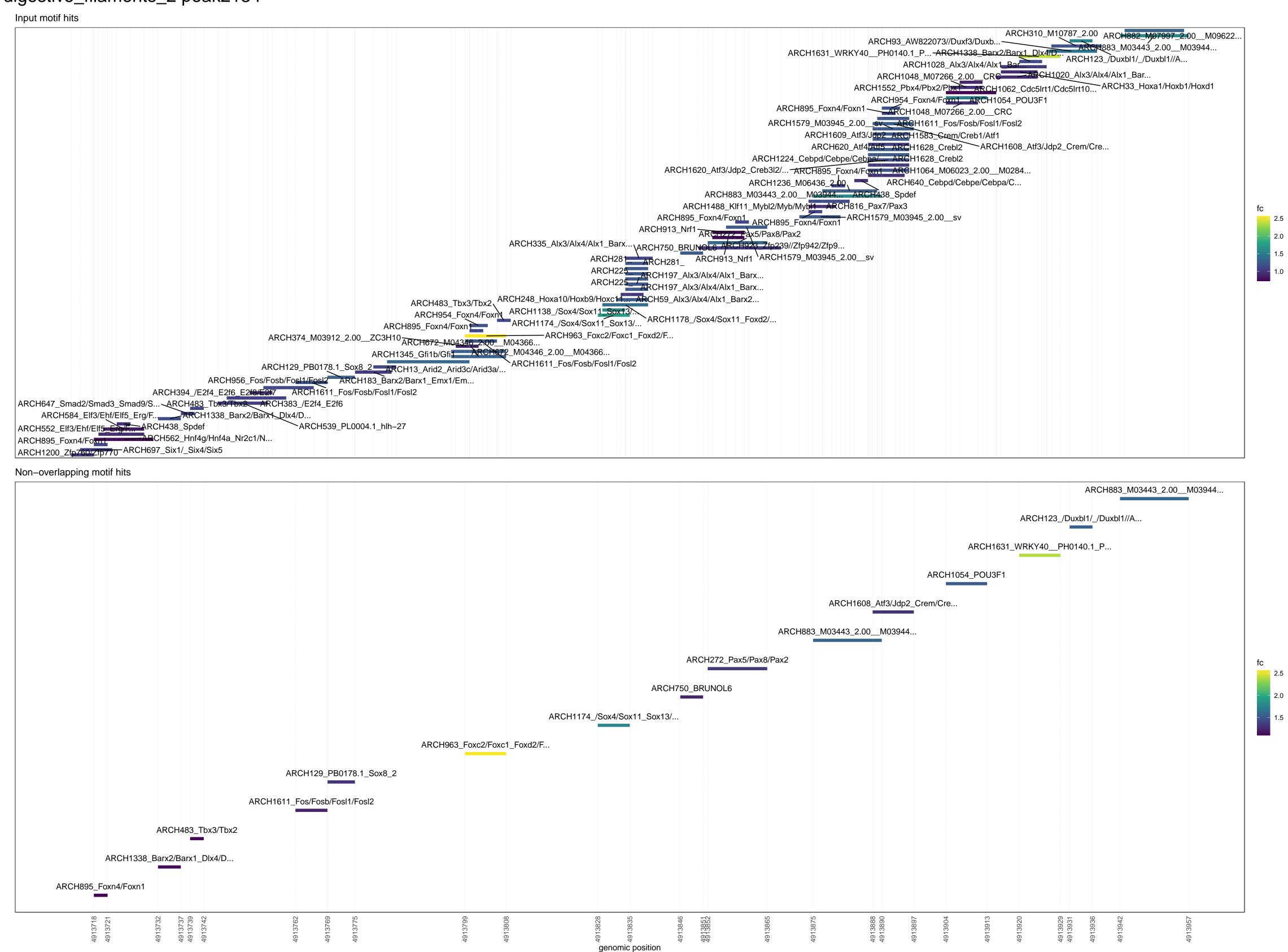
digestive_filaments_1 peak105141 Input motif hits ARCH56_POU4F1 ARCH1040_PB0066.1_Sox17_1 ARCH310_M10787_2.00 ARCH428_RAP211 ARCH1020_Alx3/Alx4/Alx1_Bar...
ARCH428_RAP211 ARCH1265_TFCP2__Tcfcp2l1__G... ARCH1259_RRTF1__ERF4__RAP26.. ARCH483_Tbx3/Tbx2 ARCH175_PRDM14_ ARCH716_/Sox4/Sox11_Sox13/S... ARCH243_Alx3/Alx4/Alx1 ARCH438_Spdef ARCH637_Six1/_Six3/Six6_Six... ARCH1552_Pbx4/Pbx2/Pbx1 ARCH1135_/Sox4/Sox11_Sox13/... ARCH1419_Sox21 ARCH1397_RBFox2__OCT:OCT-short ARCH647_Smad2/Smad3_Smad9/S... ARCH1369_Zfp7/Gm21060 ARCH497_M03679_2.00 ARCH175_PRDM14 ARCH662_Smad4
ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6 ARCH497_M03679_2.00 ARCH374_M03912_2.00__ZC3H10 ARCH374_M03912_2.00__ZC3H107 ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH378_M00590_2.00__PB0095.../__ARCH367_/E2f4_E2f6_E2f8/E2f... ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH425_/E2f4_E2f6 ARCH901_TCP7 ARCH421_MF0002.1_bZIP_CREB ARCH1361_Six3/Six6 ARCH1068_bHLH122 ARCH1068_bHLH122 ARCH64_Arid2_Arid3c/Arid3a/... ARCH1200_Zfp760/Zfp770 ARCH153_Msantd2_Rcor1/Rcor2... ARCH154_/E2f4_E2f6_E2f8/E2f7 ARCH882_M07997_2.00__M09622... ARCH1579_M03945_2.00__sv_ARCH462_Smad4 ARCH816_Pax7/Pax3 ARCH1241_Elf3/Ehf/Elf5_Etv6 ARCH623_M06455_2.00__M07545.. ARCH1391_MYB113 Non-overlapping motif hits ARCH1040_PB0066.1_Sox17_1 ARCH310_M10787_2.00 ARCH1259_RRTF1__ERF4__RAP26... ARCH483_Tbx3/Tbx2 ARCH175_PRDM14 ARCH1043_ZNF652 ARCH1552_Pbx4/Pbx2/Pbx1 ARCH1419_Sox21 ARCH1397_RBFox2__OCT:OCT-short 1.2 ARCH175_PRDM14 ARCH421_MF0002.1_bZIP_CREB ARCH1361_Six3/Six6 ARCH1068_bHLH122 ARCH64_Arid2_Arid3c/Arid3a/... ARCH153_Msantd2_Rcor1/Rcor2... ARCH1391_MYB113

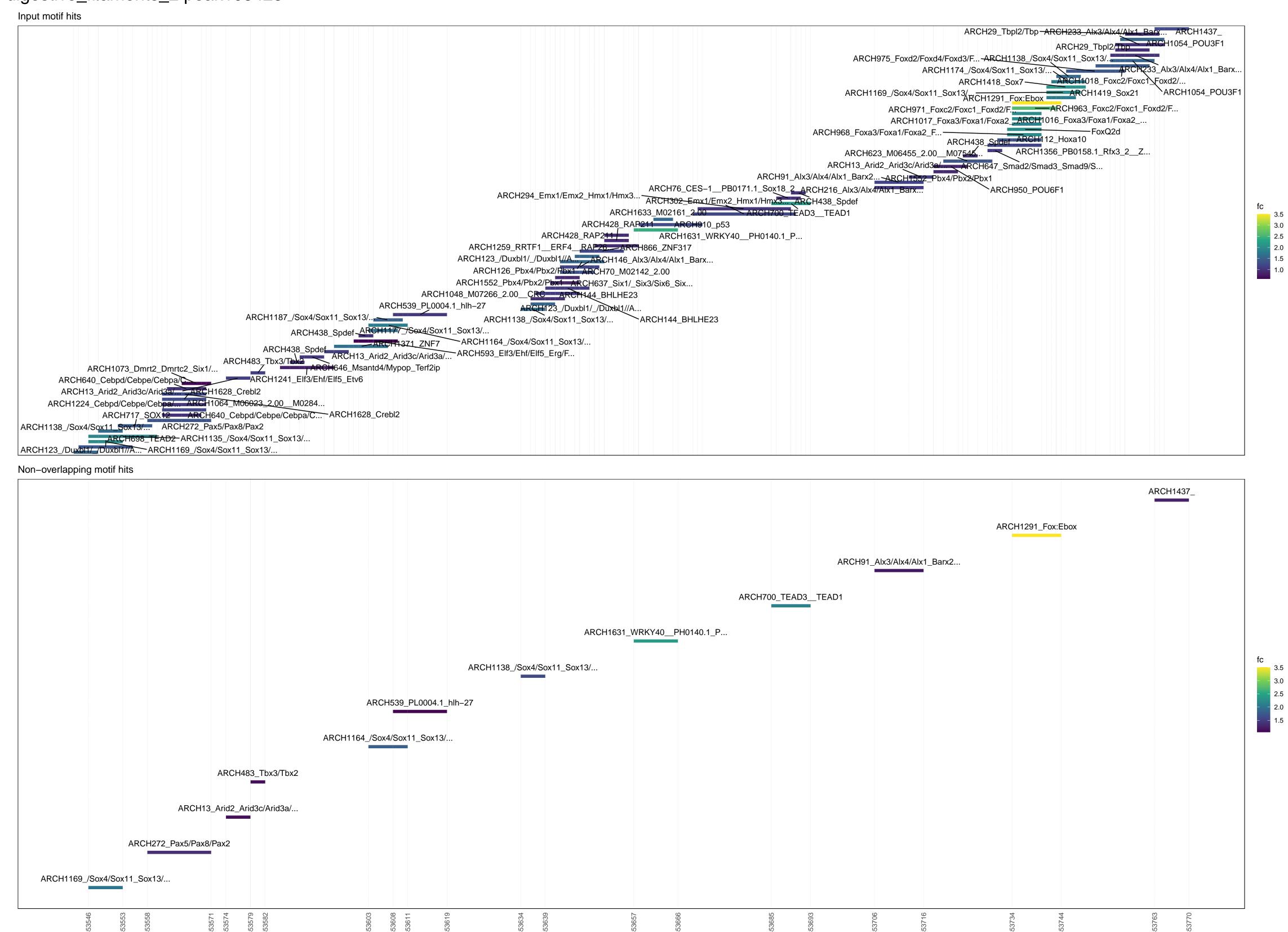


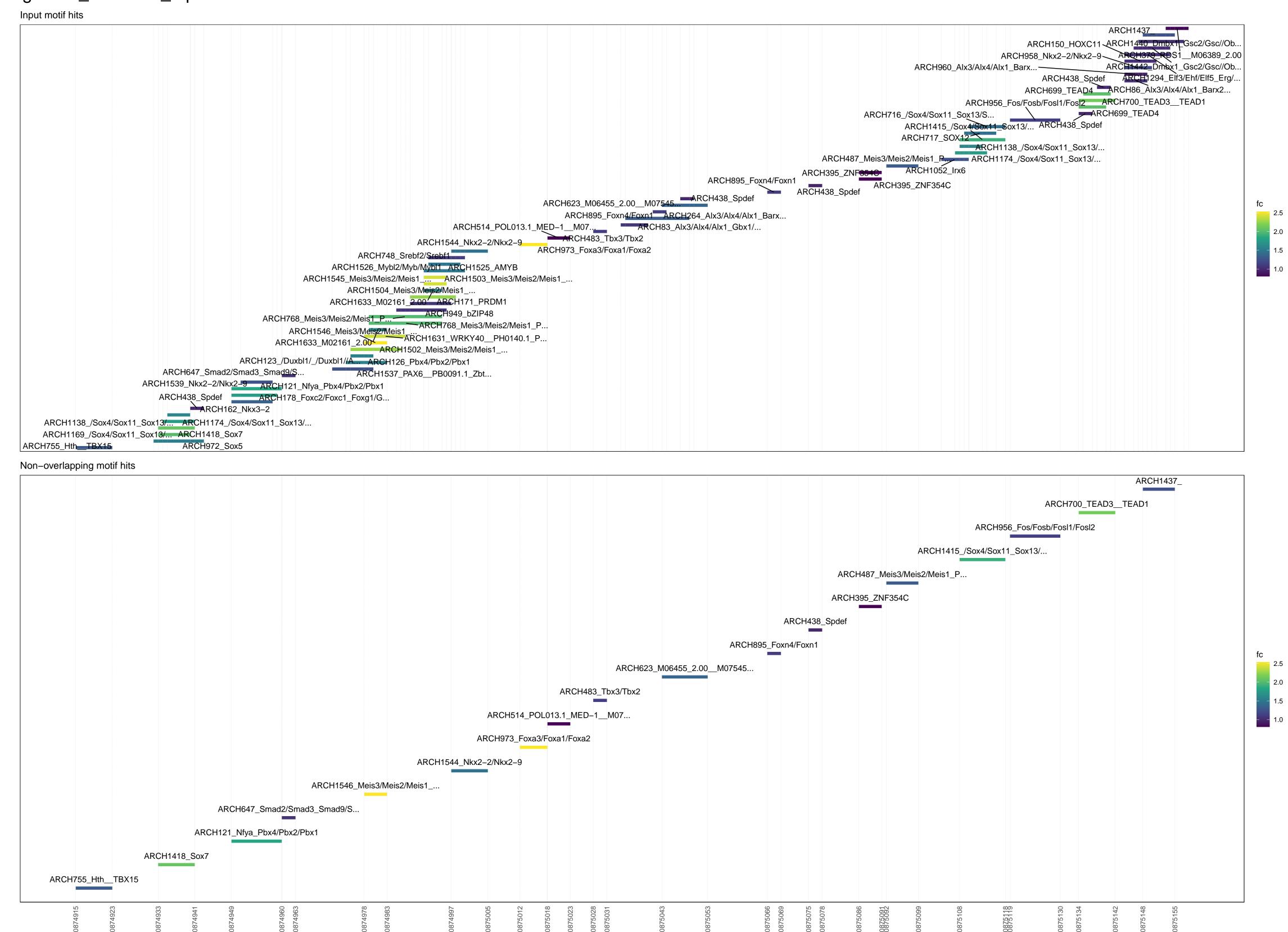


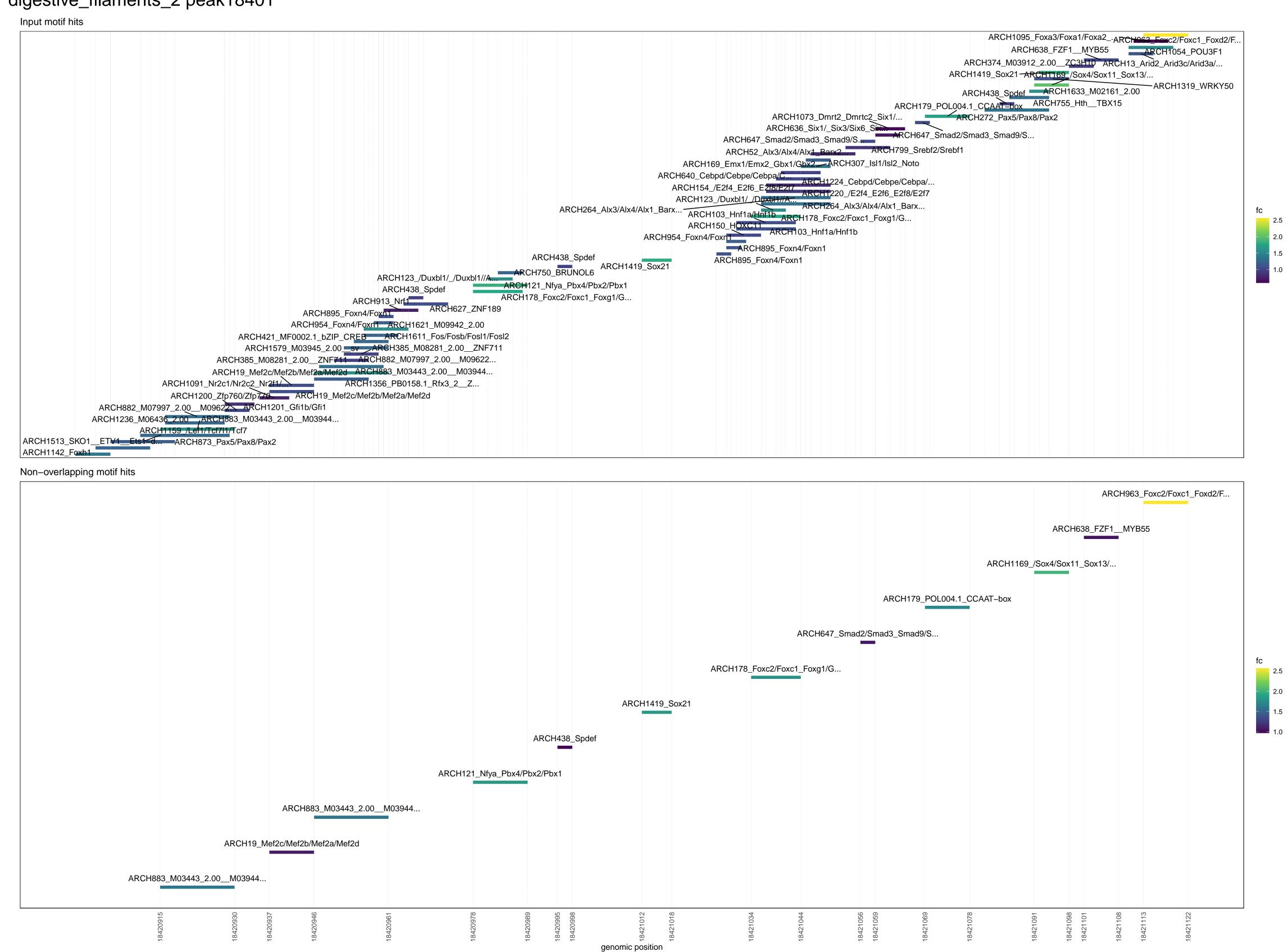


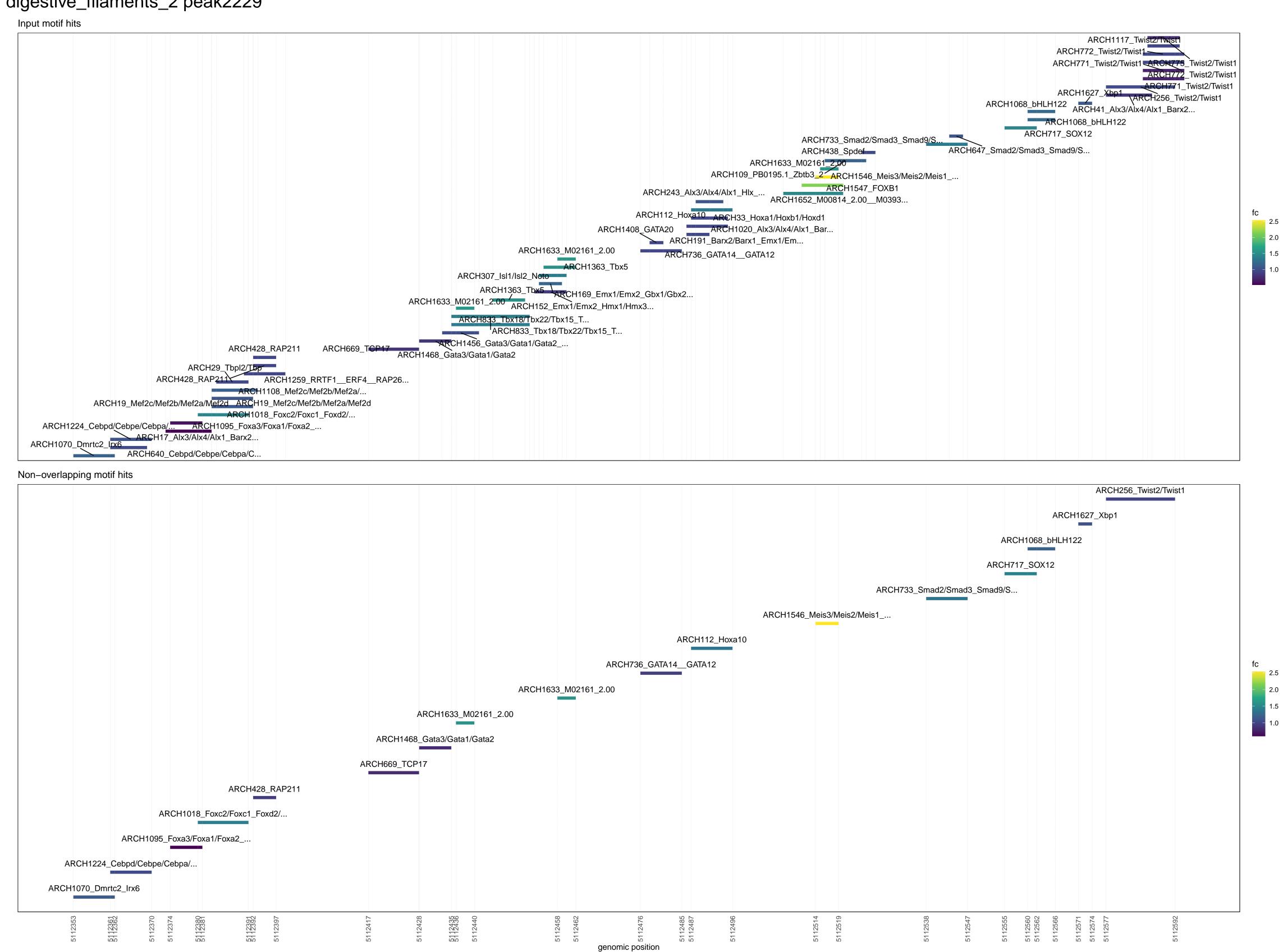


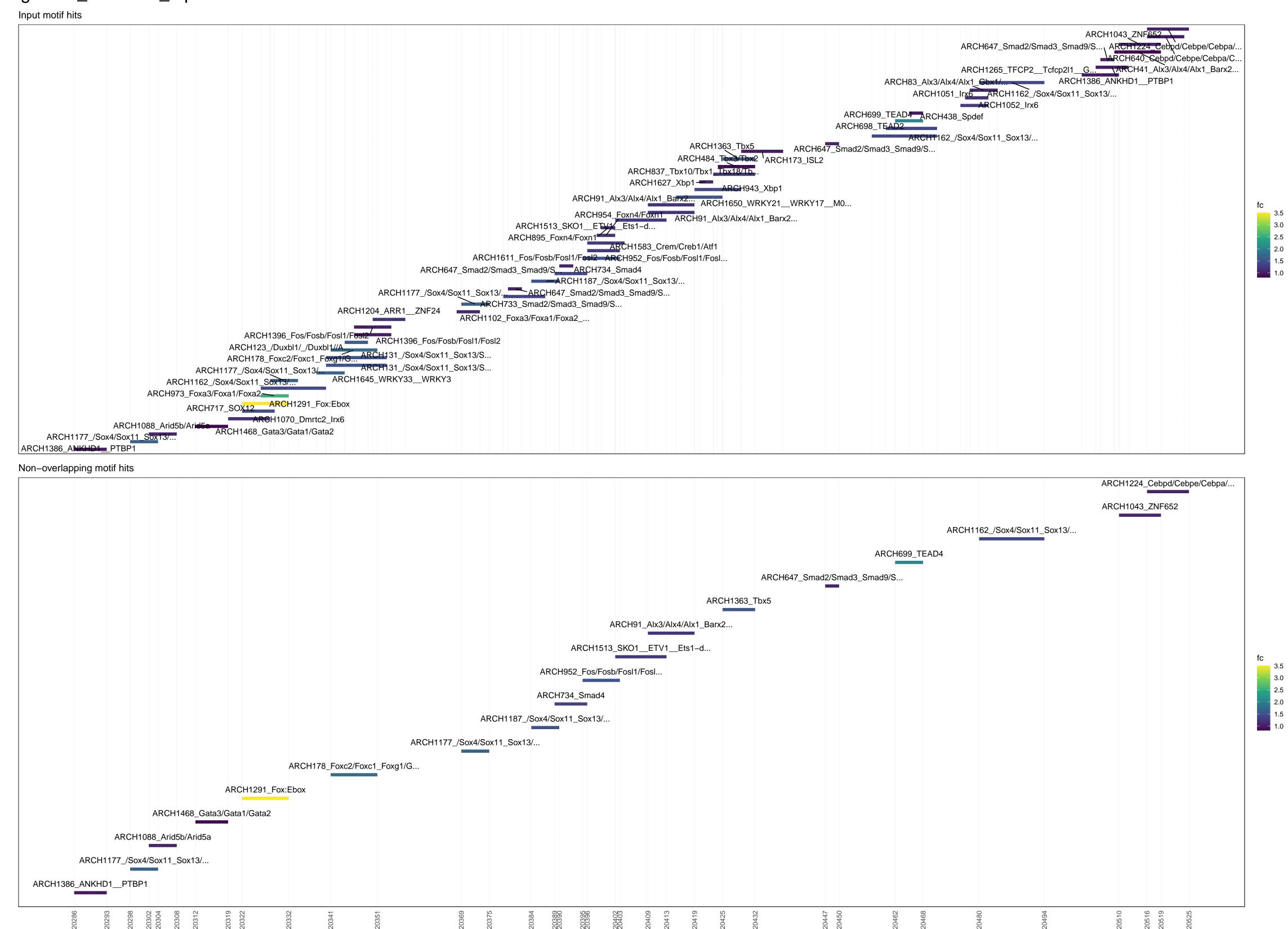


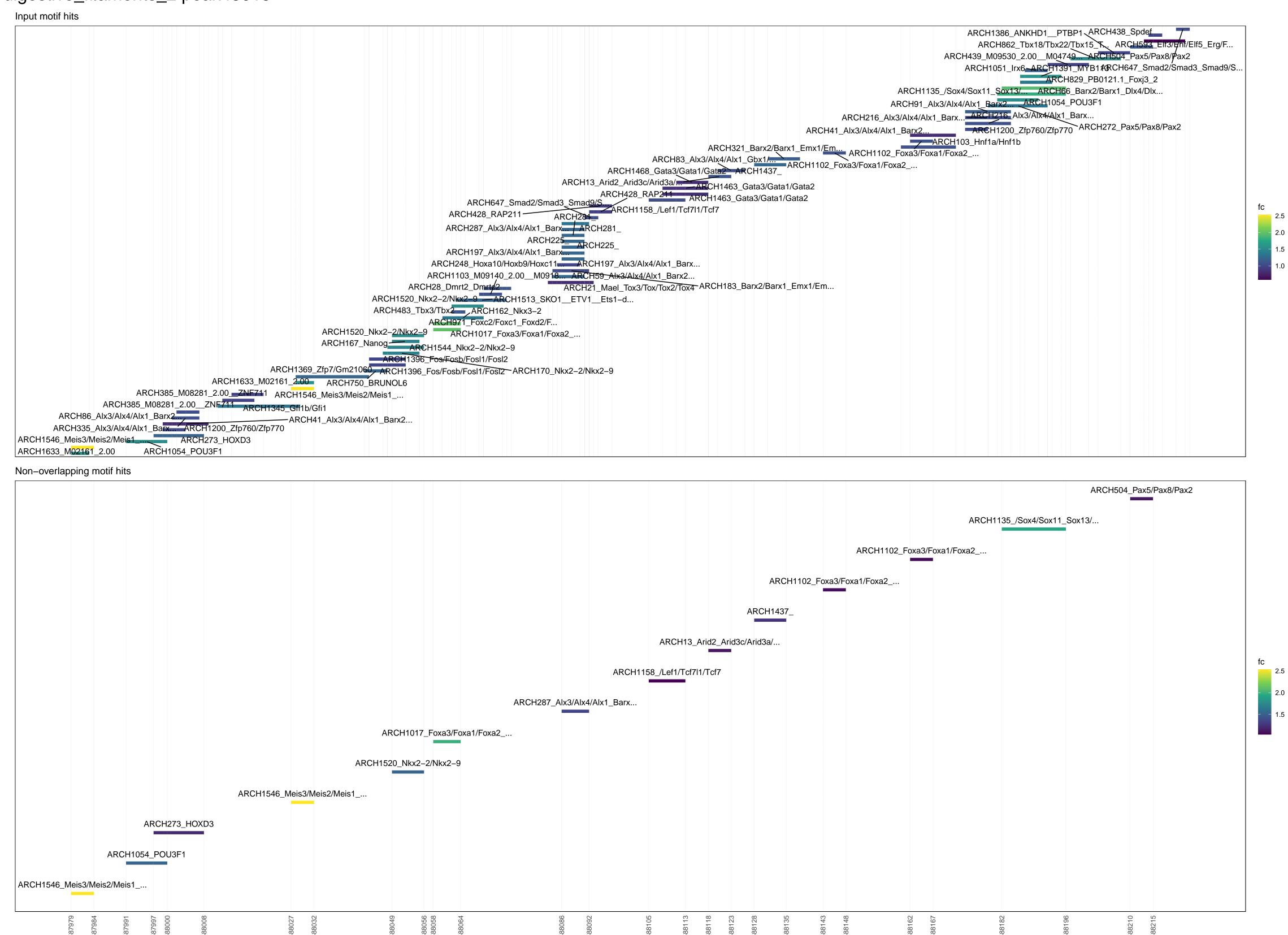


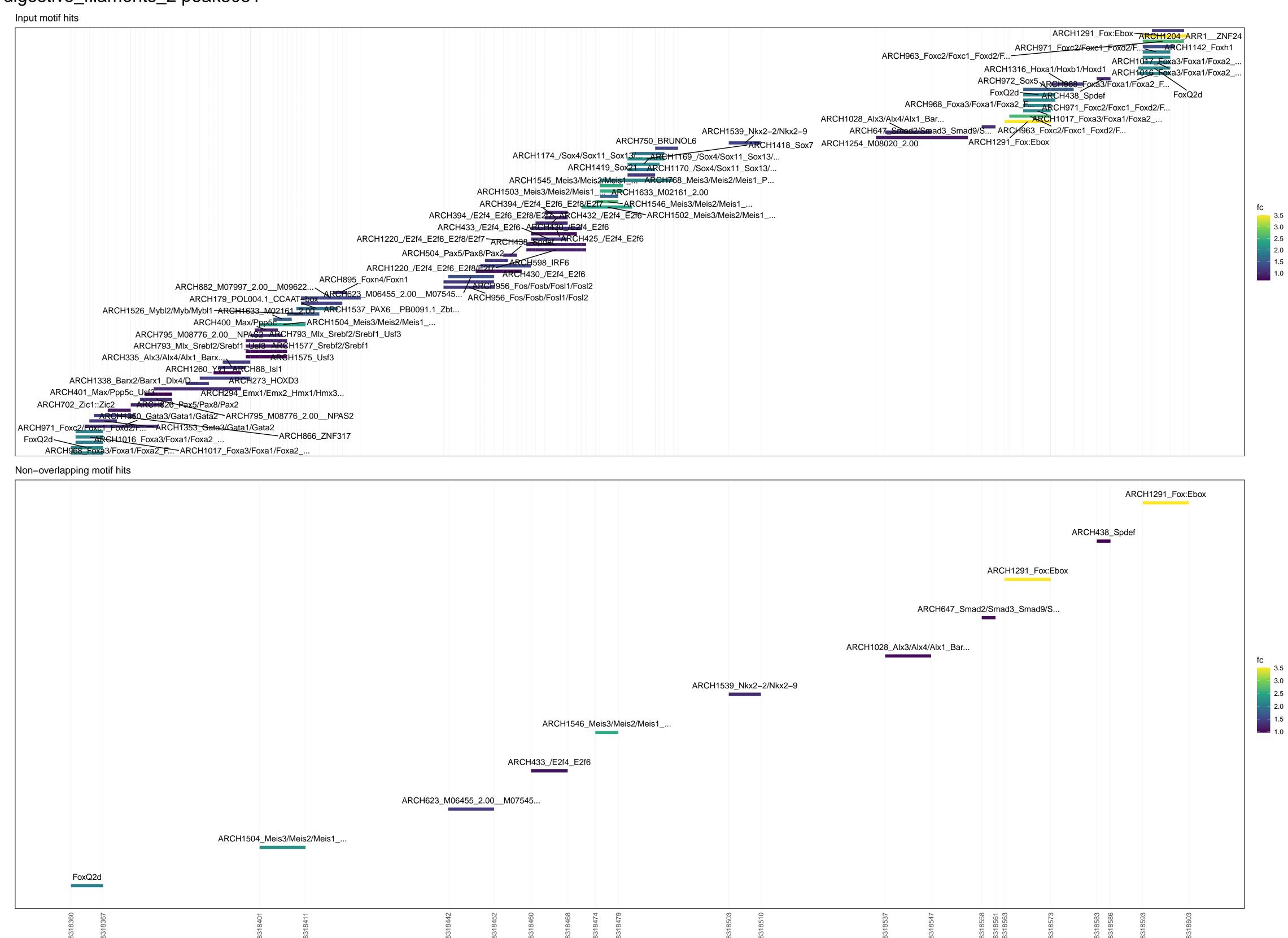


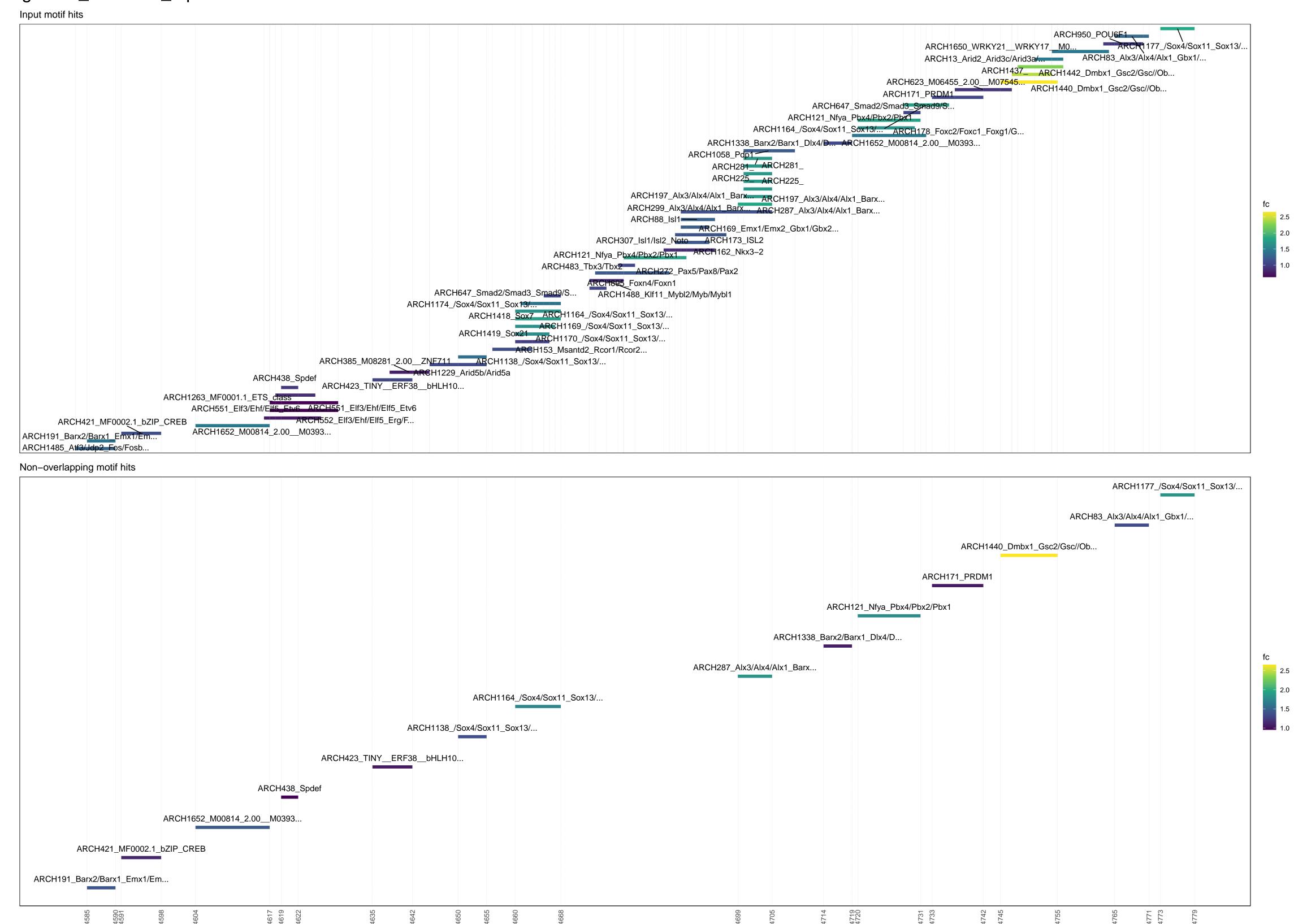


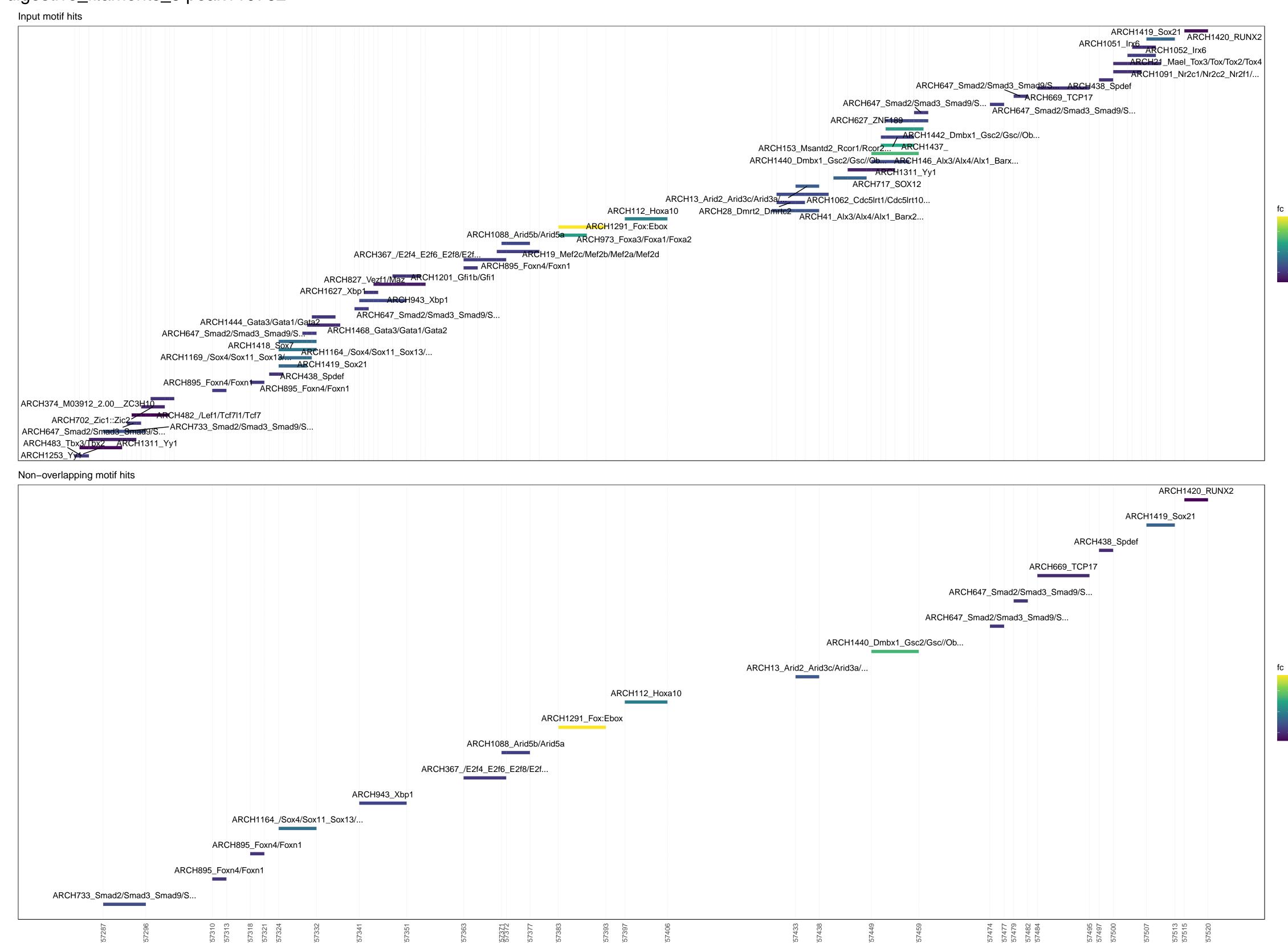


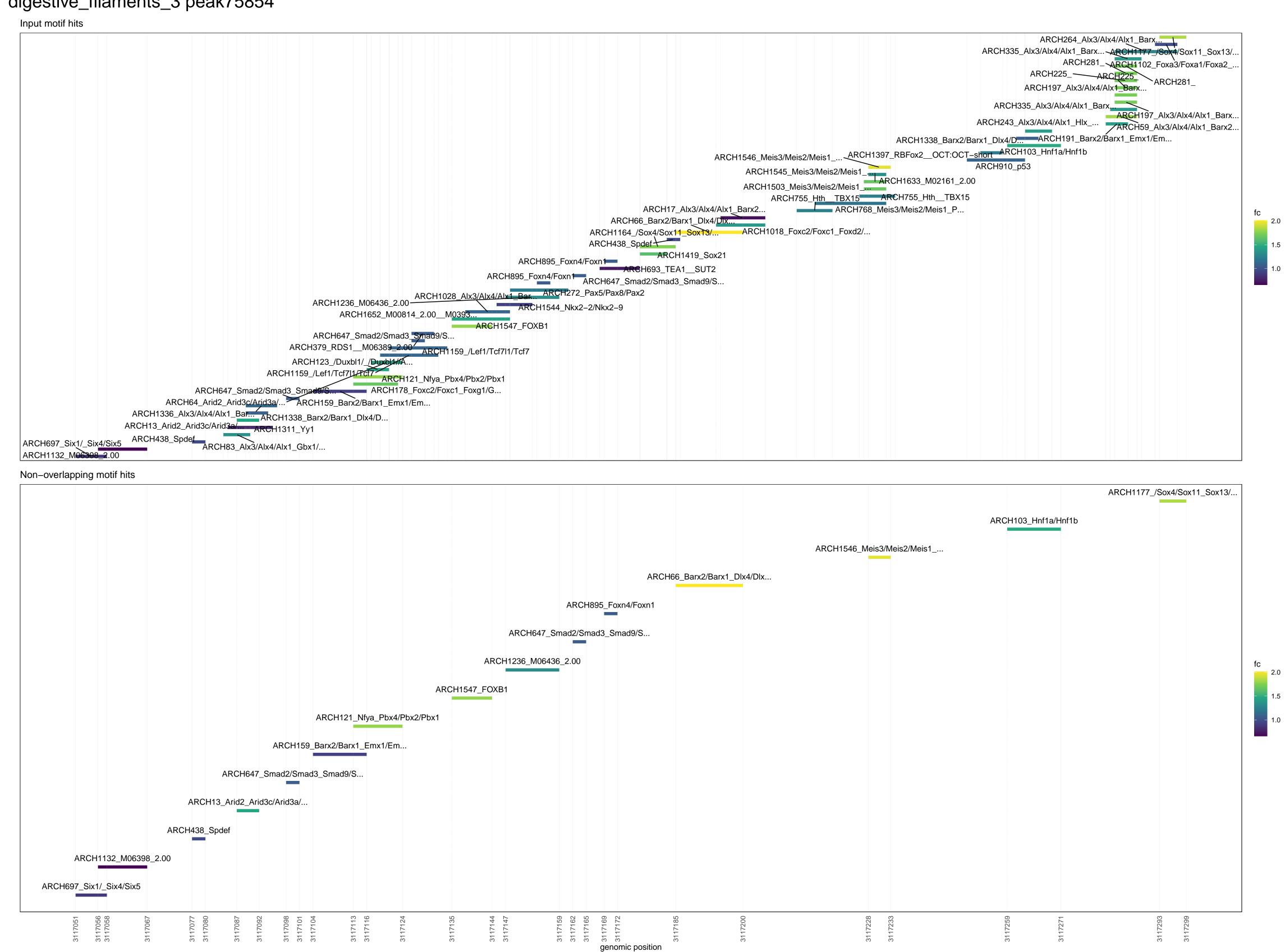








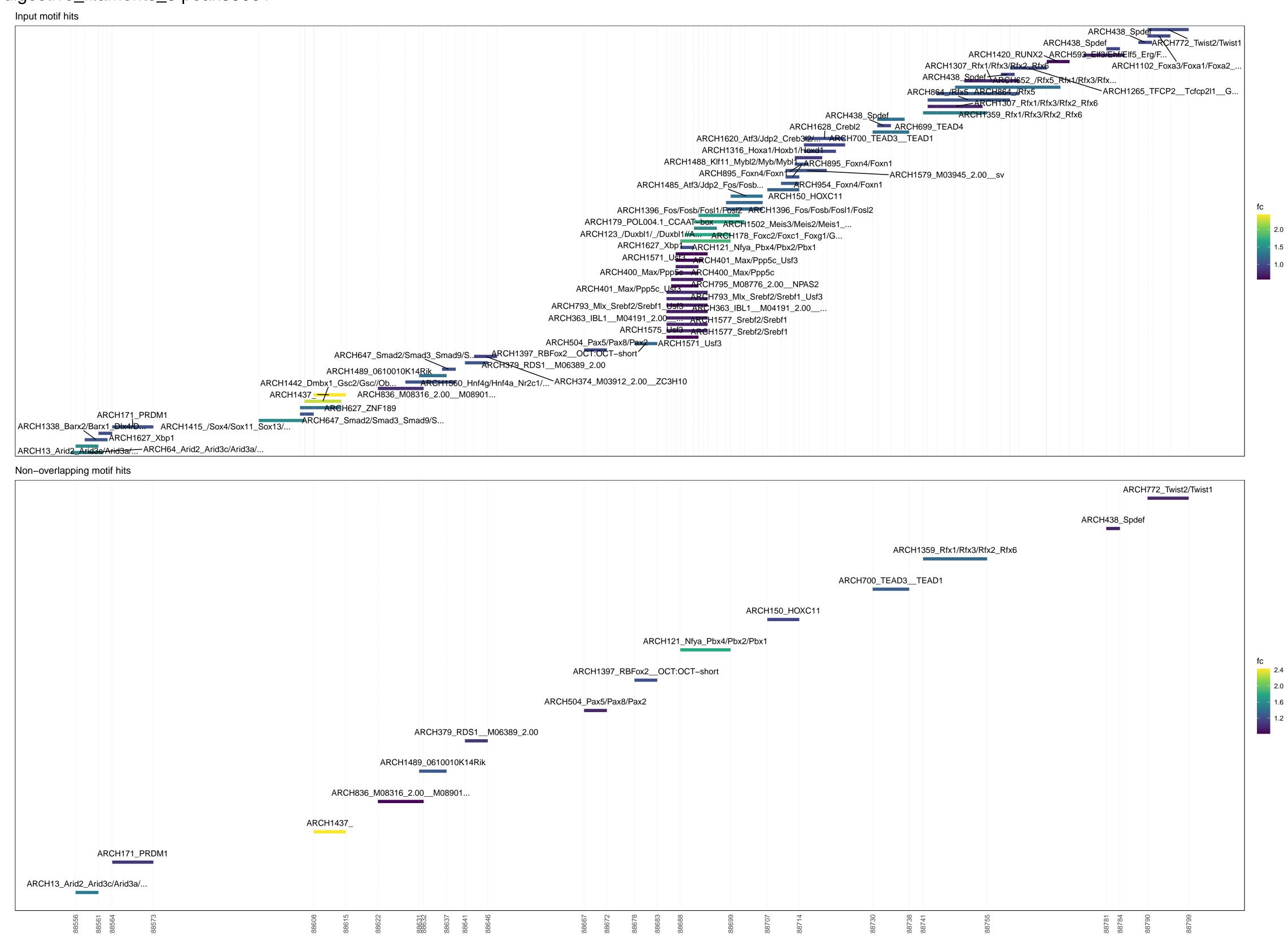


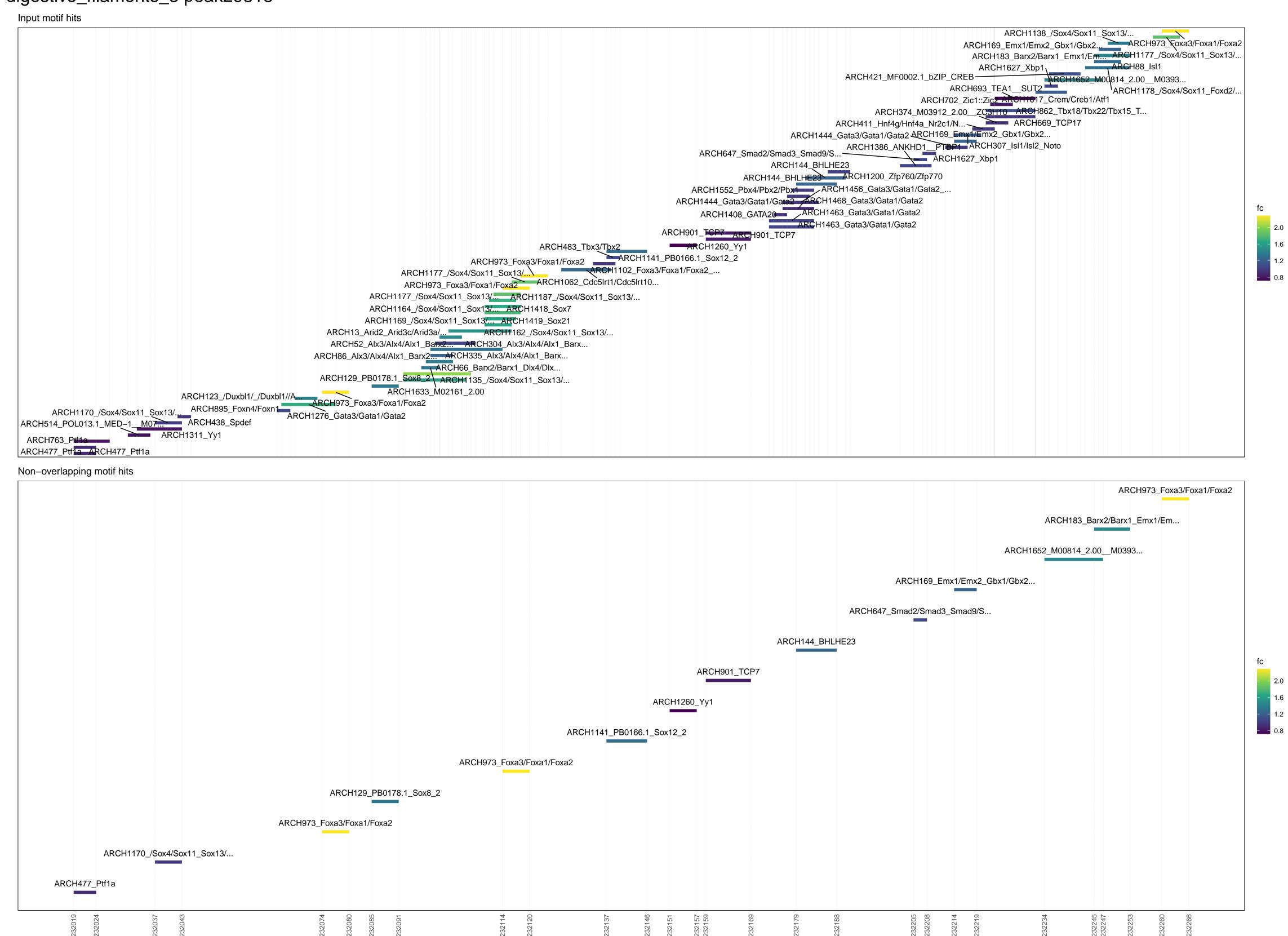


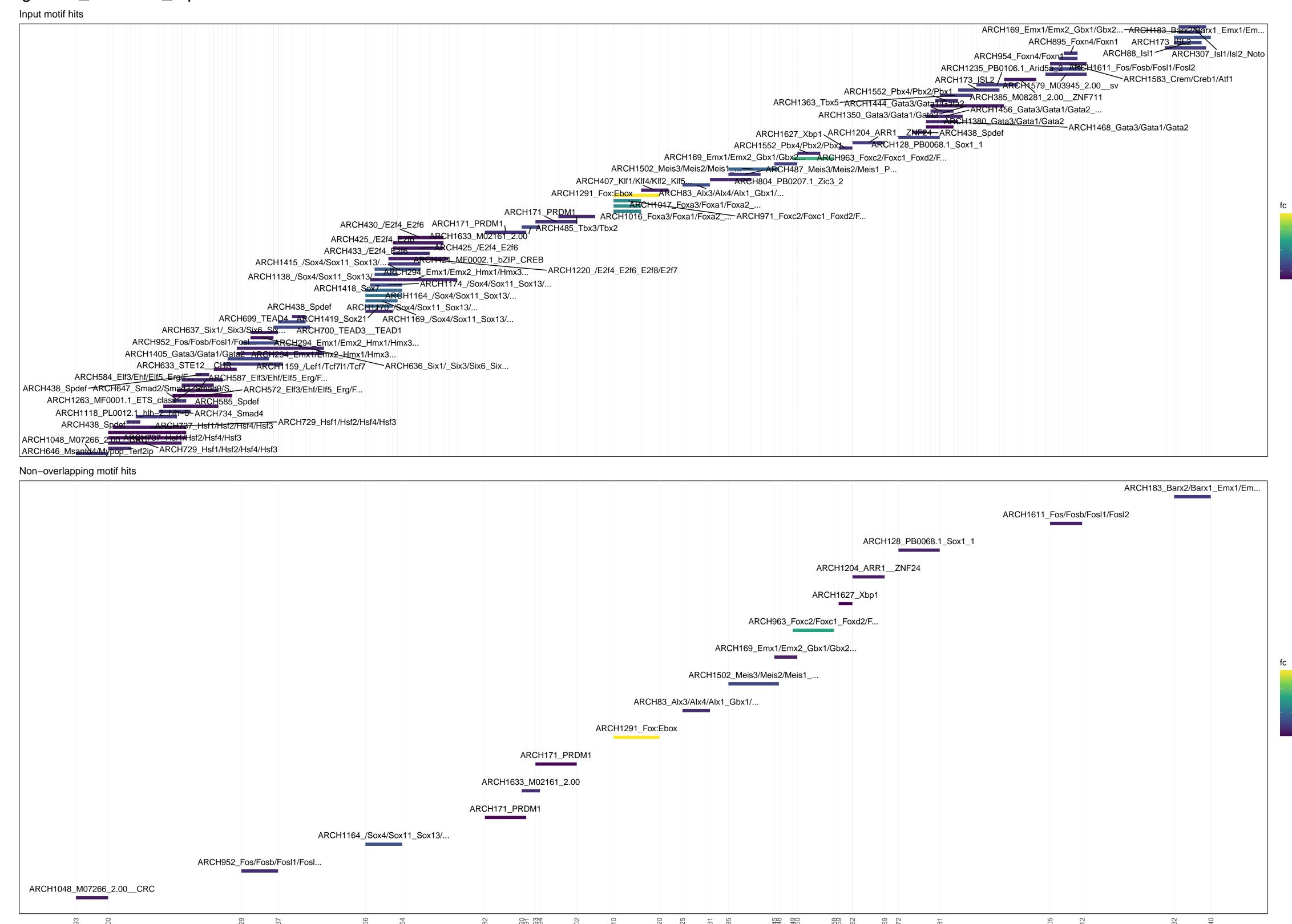
digestive_filaments_3 peak2917 Input motif hits ARCH13_Arid2_Arid3c/Arid3a/ ARCH1437_ ARCH76_CEŞ-1_\PB0171.1_Sox18_2 ARCH627_ZNF189 ARCH1442_Dmbx1_Gsc2/Gsc//Ob... ARCH1062_Cdc5lrt1/Cdc5lrt10... ARCH299_Alx3/Alx4/Alx1_Barx... ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH1159_/Lef1/Tef7[1/Tcf7 ARCH484_Tbx3/Tbx2 ARCH485_Tbx3/Tbx2 ARCH66_Barx2/Barx1_Dlx4/Dlx... ARCH1135_/Sox4/Sox11_Sox13/... ARCH1633_M02161_2.00 ARCH1546_Meis3/Meis2/Meis1_... ARCH1631_WRKY40__PH014 ARCH1647_WRKY71__WRKY55__WR... ARCH1631_WRKY40__PH0140.1_P... ARCH963_Foxc2/Foxc1_Foxd2/F... ARCH1138_/Sox4/Sox11_Sox13/... ARCH1229_Arid5b/Arid5a ARCH487_Meis3/Meis2/Meis1_P... ARCH1456_Gata3/Gata1/Gata2_... 2.5 ARCH1558_Nr2c1/Nr2c2_Nr2f1/... ARCH1594_Nr2c1/Nr2c2_Nr2f1/... 2.0 ARCH1654_Nr2c1/Nr2c2_Nr2f1/... ARCH1244_ARALYDRAFT_484486_ARCH121_Nfya_Pbx4/Pbx2/Pbx1 ARCH438_Spdef ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH1539_Nkx2-2/Nkx2-9---ARCH121_Nfya_Pbx4/Pbx2/Pbx1_ARCH647_Smad2/Smad3_Smad9/S... ARCH500_ZNE467 ARCH484_Tbx3/Tbx2 ARCH357_Egr3/Egr1_Sp6/Sp5 ARCH497_M03679_2.00 ARCH357_Egr3/Egr1_Sp6/Sp5_S... ARCH4_Klf1/Klf4/Klf2_Klf11_... ARCH357_Egr3/Egr1_Sp6/Sp5_S... ARCH1631_WRKY40__PH0140.1_P... ARCH357_Egr3/Egr1_Sp6/Sp5_S... ARCH1544_Nkx2-2/Nkx2-9 ARCH1336_Alx3/Alx4/Alx1_Bar___ ARCH1338_Barx2/Barx1_Dlx4/D... ARCH1294_Elf3/Ehf/Elf5_Erg/... ARCH647_Smad2/Smad3_Smad9/S...ARCH734_Smad4 ARCH1253_Yy1 ARCH750_BRUNOL6 ARCH638 FZF1 MYB55 ARCH178_Foxc2/Foxc1_Foxg1/G... Non-overlapping motif hits ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH1440_Dmbx1_Gsc2/Gsc//Ob... ARCH627_ZNF189 ARCH1159_/Lef1/Tcf7l1/Tcf7 ARCH66_Barx2/Barx1_Dlx4/Dlx... ARCH963_Foxc2/Foxc1_Foxd2/F... 2.5 2.0 ARCH1456_Gata3/Gata1/Gata2_... ARCH121_Nfya_Pbx4/Pbx2/Pbx1 ARCH88_Isl1 ARCH121_Nfya_Pbx4/Pbx2/Pbx1 ARCH1294_Elf3/Ehf/Elf5_Erg/...

ARCH178_Foxc2/Foxc1_Foxg1/G...

1.5







digestive_filaments_3 peak2940 Input motif hits ARCH895_Foxn4/Foxn1

ARCH895_Foxn4/Foxn1

ARCH895_Foxn4/Foxn1

ARCH102_Foxa3/Foxa1/Foxa2_... ARCH401_Max/Ppp5c_Usf3

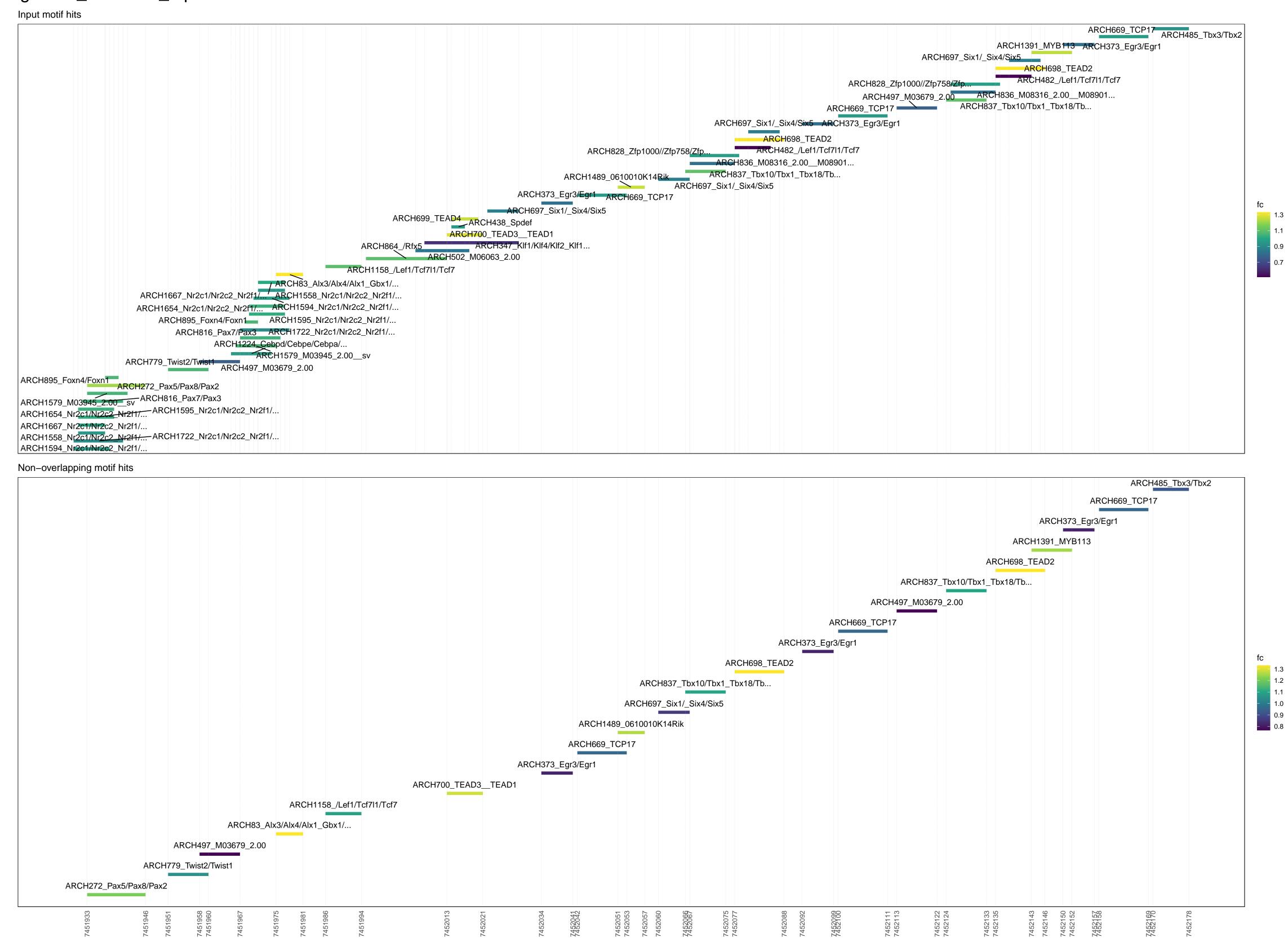
ARCH272_Pax5/Pax8/Pax2 ARCH438_Spdef1 __ARCH1533_BHLH112 ARCH483_Tbx3/Tbx2_ARCH783_bHLH18__MNT ARCH1073_Dmrt2_Dmrtc2_Six1/... ARCH636_Six1/_Six3/Six6_Six____ ARCH438_Spdef ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6 ARCH637_Six1/_Six3/Six6_Six... ARCH171_PRDM1 ARCH1442_Dmbx1_Gsc2/Gsc//Ob... ARCH1235_PB0106.1_Ario5a_2 ARCH1356_PB0158.1_Rfx3_2_Z... ARCH652_/Rfx5_Rfx1/Rfx3/Rfx... ARCH1103_M09140_2.00__M0918... ARCH1177_/Sox4/Sox11_Sox13/... 2.0 ARCH483_Tbx3/Tbx2____ARCH407_Klf1/Klf4/Klf2_Klf5.. ARCH395_ZNF354C ARCH483_Tbx3/Tbx2 ARCH1442_Dmbx1_Gsc2/Gsc//Qb... ARCH395_ZNF354C ARCH699_TEAD4 __ARCH70_M02142_2.00 ARCH438_Spder ARCH123_/Duxbl1/_/Duxbl1//A... ARCH428_RAP214 ARCH294_Emx1/Emx2_Hmx1/Hmx3..._ARCH1259_RRTF1__ERF4__RAP26...

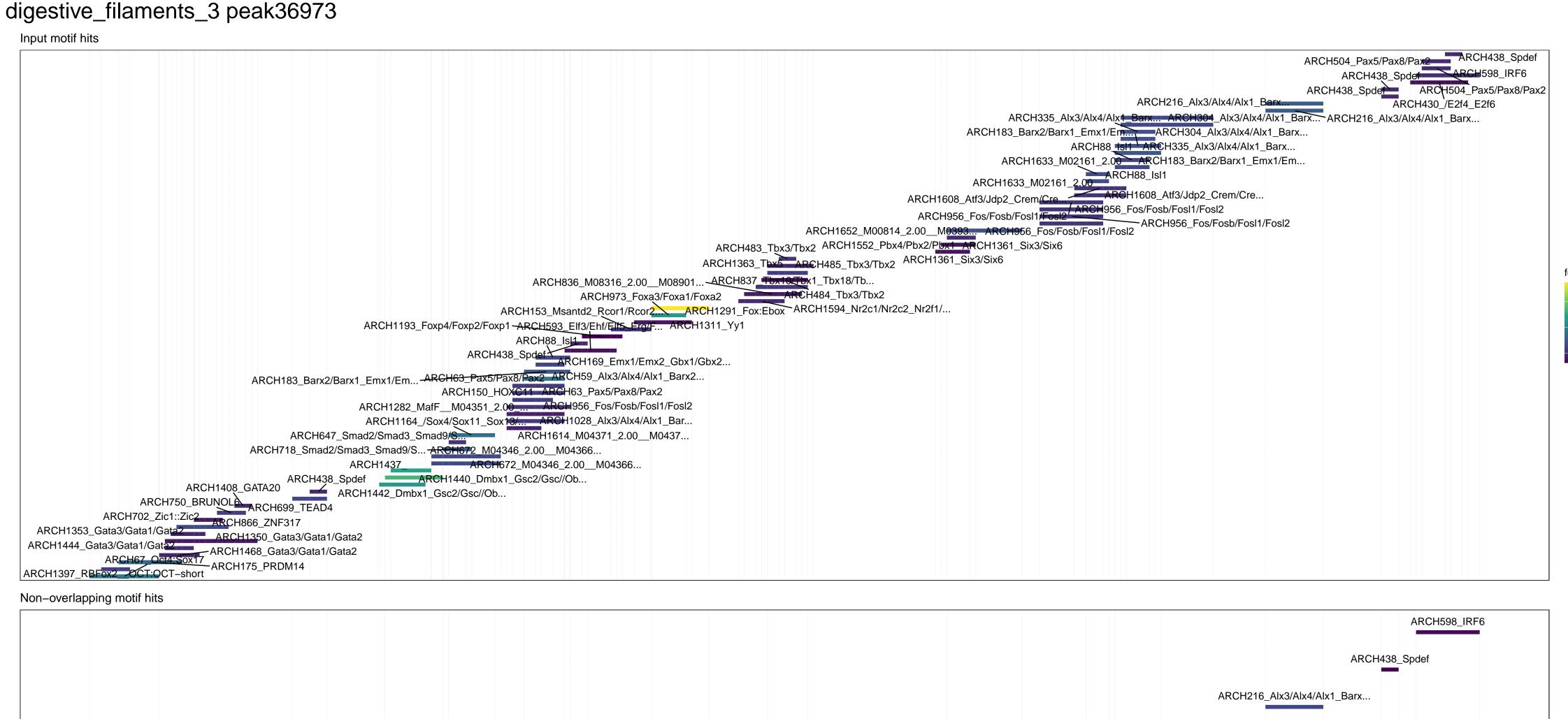
ARCH428_RAP211

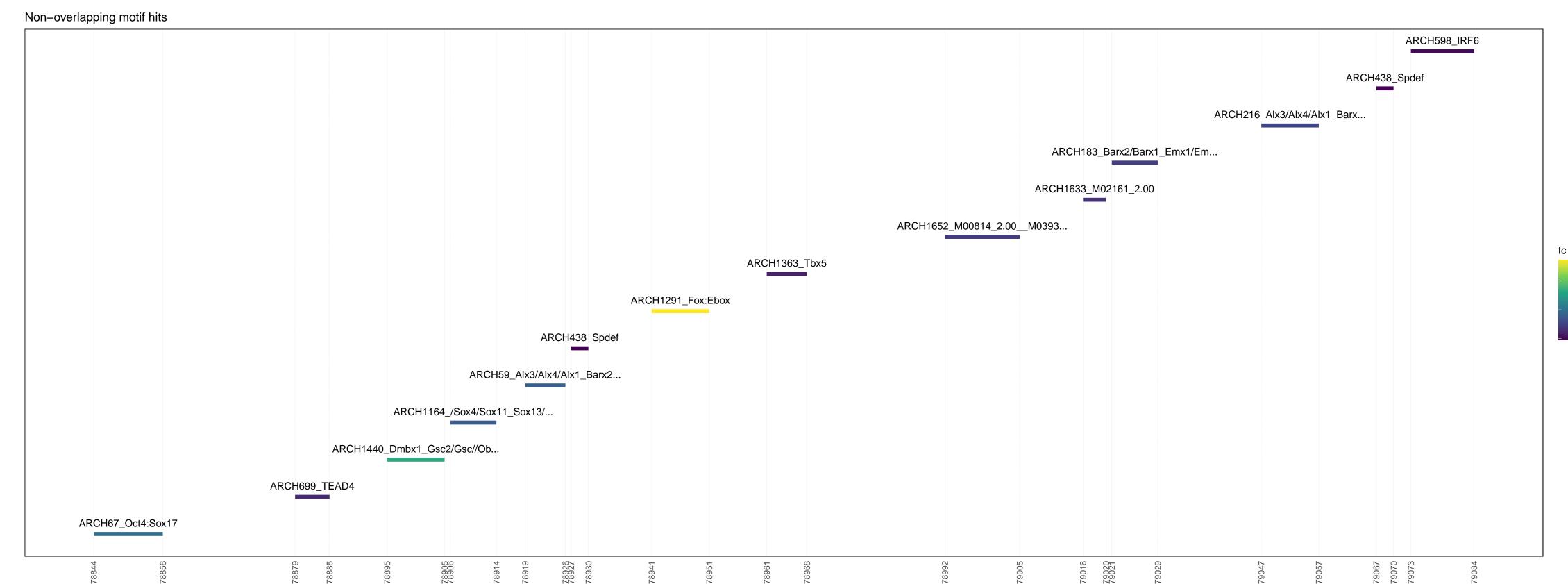
ARCH59_Alx3/Alx4/Alx1_Barx2..._ARCH294_Emx1/Emx2_Hmx1/Hmx3... ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH646_Msantd4/Mypop_Terr2ip ARCH321_Barx2/Barx1_Emx1/Em... ARCH183_Barx2/Barx1_Emx1/Em... ARCH647_Smad2/Smad3_Smad9/S. ARCH302_Emx1/Emx2_Hmx1/Hmx3... ARCH1714_Nr2c1/Nr2c2_Nr2f1/. ARCH170_Nkx2-2/Nkx2-9 ARCH633_STE12__CHR_ARCH1544_Nkx2-2/Nkx2-9 ARCH167_Nanog ARCH729 Hsf1/Hsf2/Hsf4/Hsf3 RCH737_Hsf1/Hsf2/Hsf4/Hsf3 ARCH1118_PL0012.1_hlh-2::hlh-8 - ARCH737_Hsf1/Hsf2/Hsf4/Hsf3 ARCH729_Hsf1/Hsf2/Hsf4/Hsf3_ARCH729_Hsf1/Hsf2/Hsf4/Hsf3 Non-overlapping motif hits ARCH647_Smad2/Smad3_Smad9/S... ARCH1102_Foxa3/Foxa1/Foxa2_... ARCH272_Pax5/Pax8/Pax2 ARCH483_Tbx3/Tbx2 ARCH637_Six1/_Six3/Six6_Six... ARCH171_PRDM1 ARCH1442_Dmbx1_Gsc2/Gsc//Ob... 2.0 ARCH1103_M09140_2.00__M0918... ARCH1177_/Sox4/Sox11_Sox13/... ARCH483_Tbx3/Tbx2 ARCH395_ZNF354C ARCH1442_Dmbx1_Gsc2/Gsc//Ob... ARCH699_TEAD4 ARCH59_Alx3/Alx4/Alx1_Barx2...

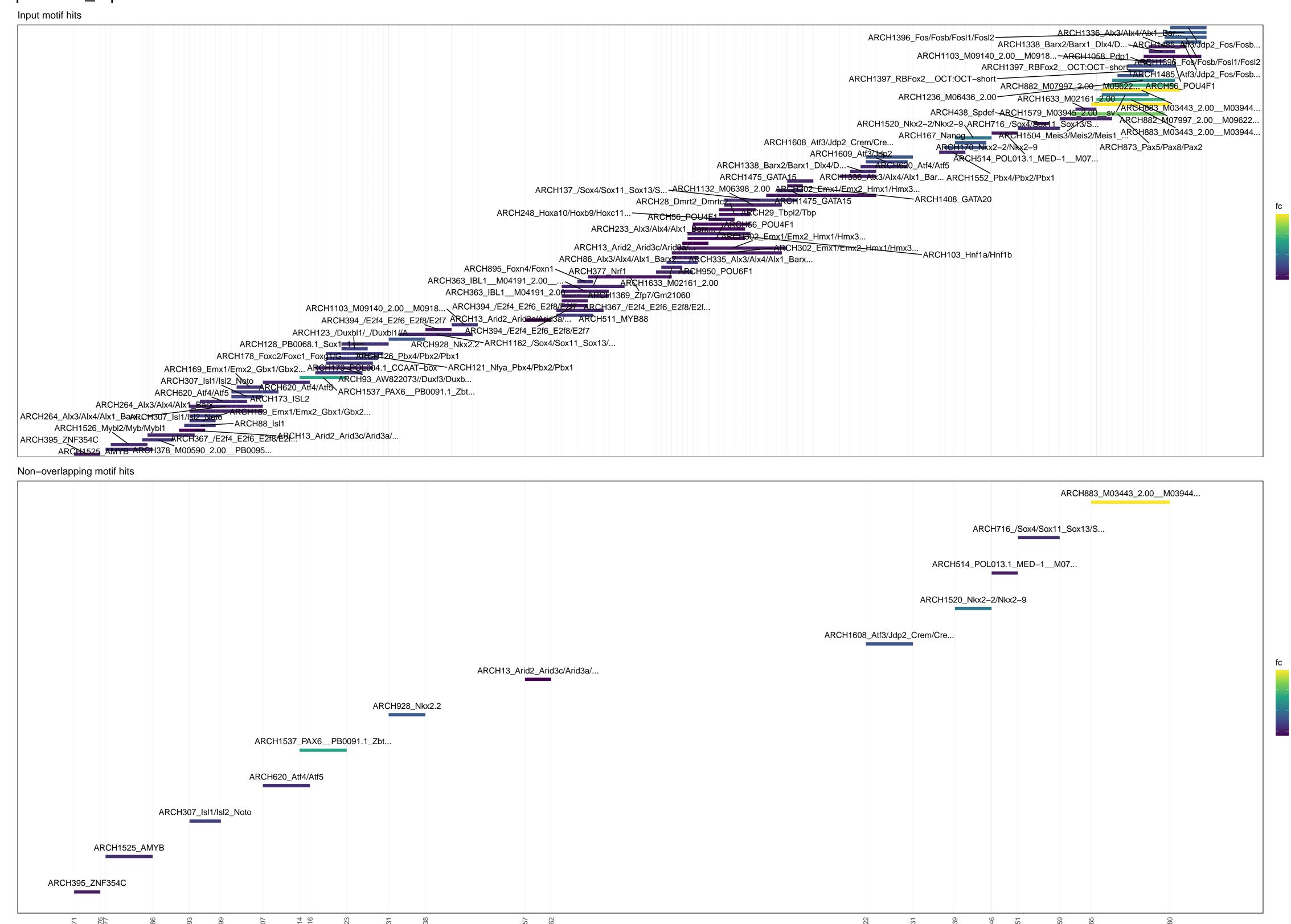
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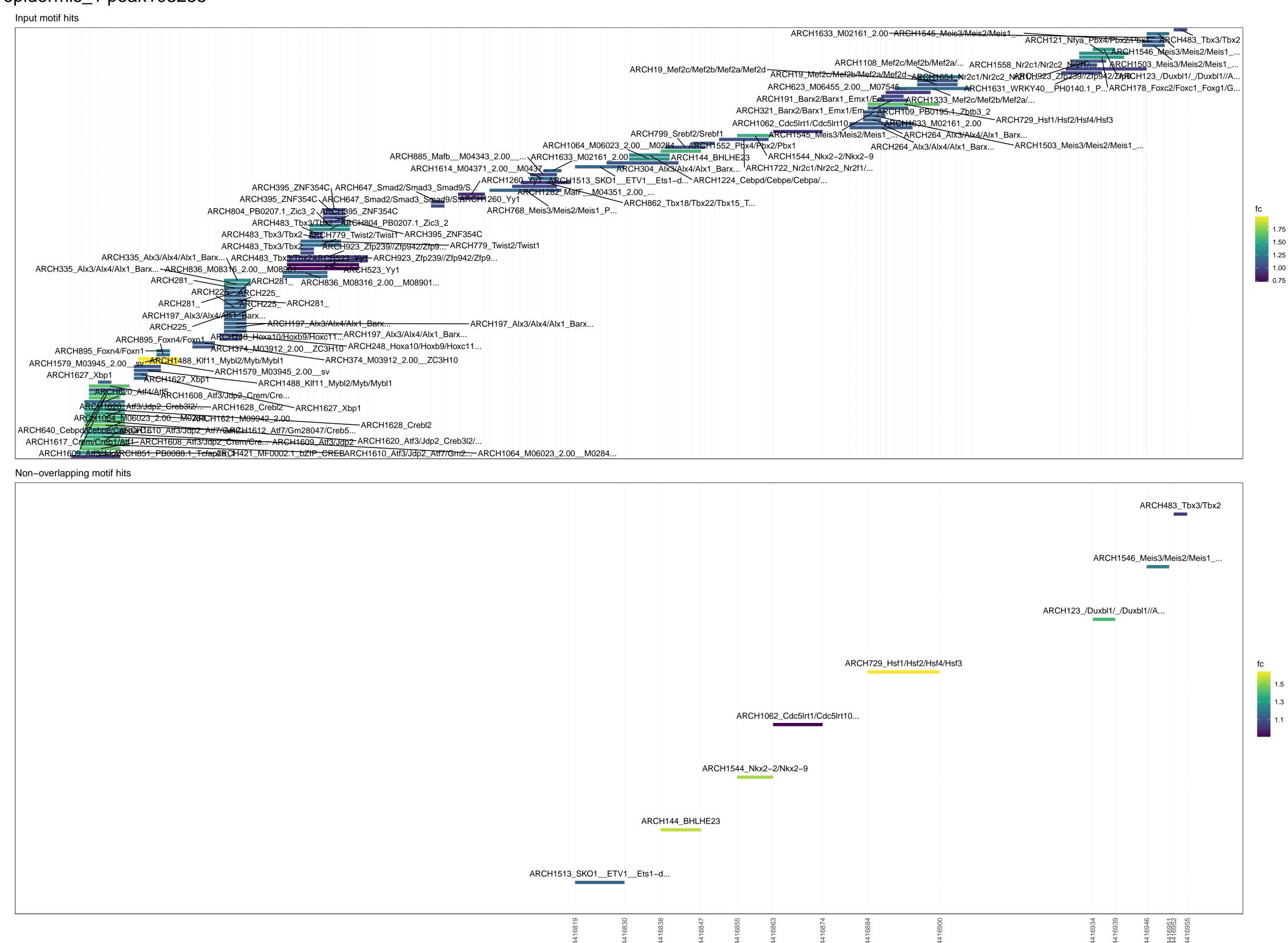
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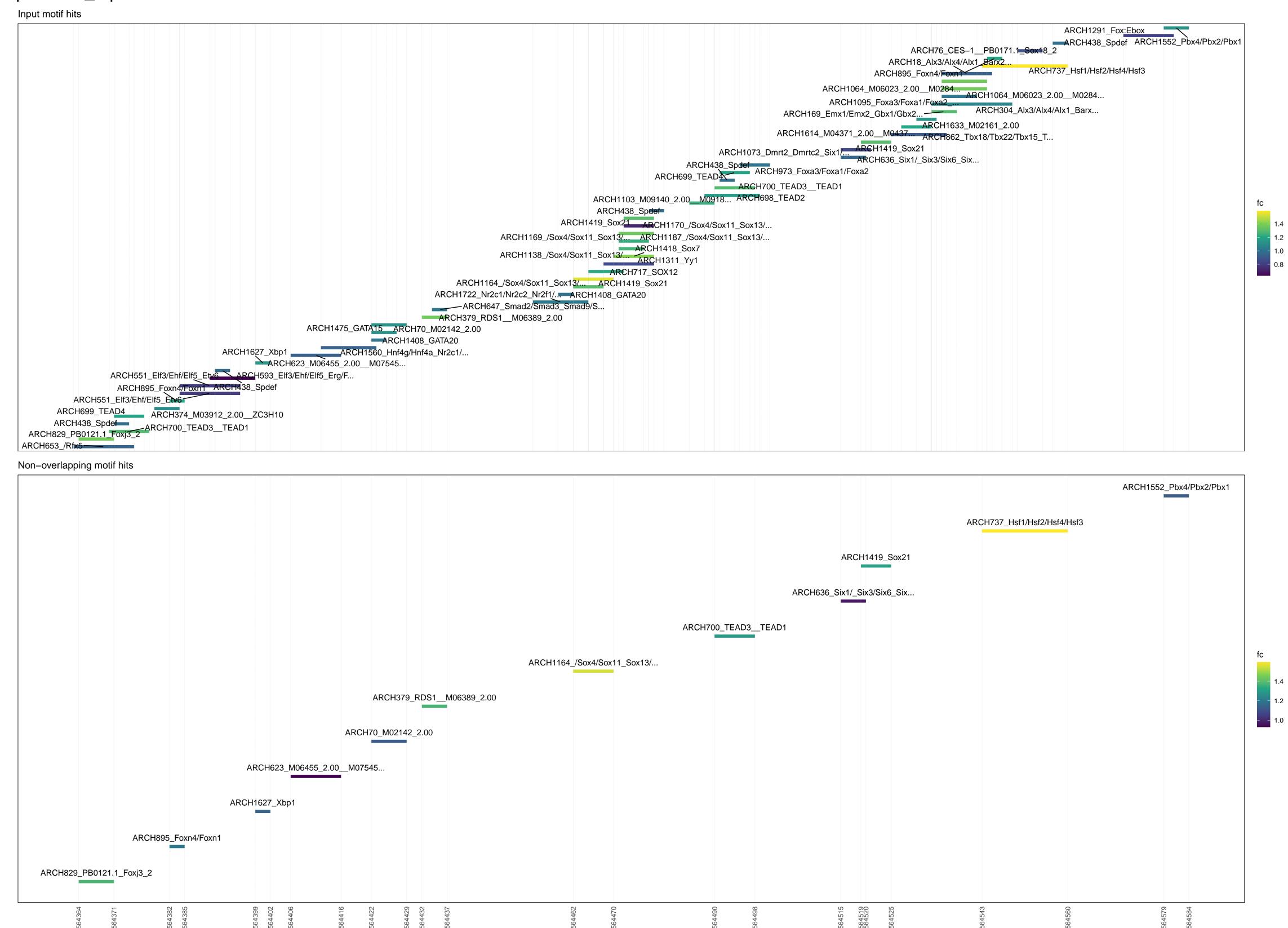


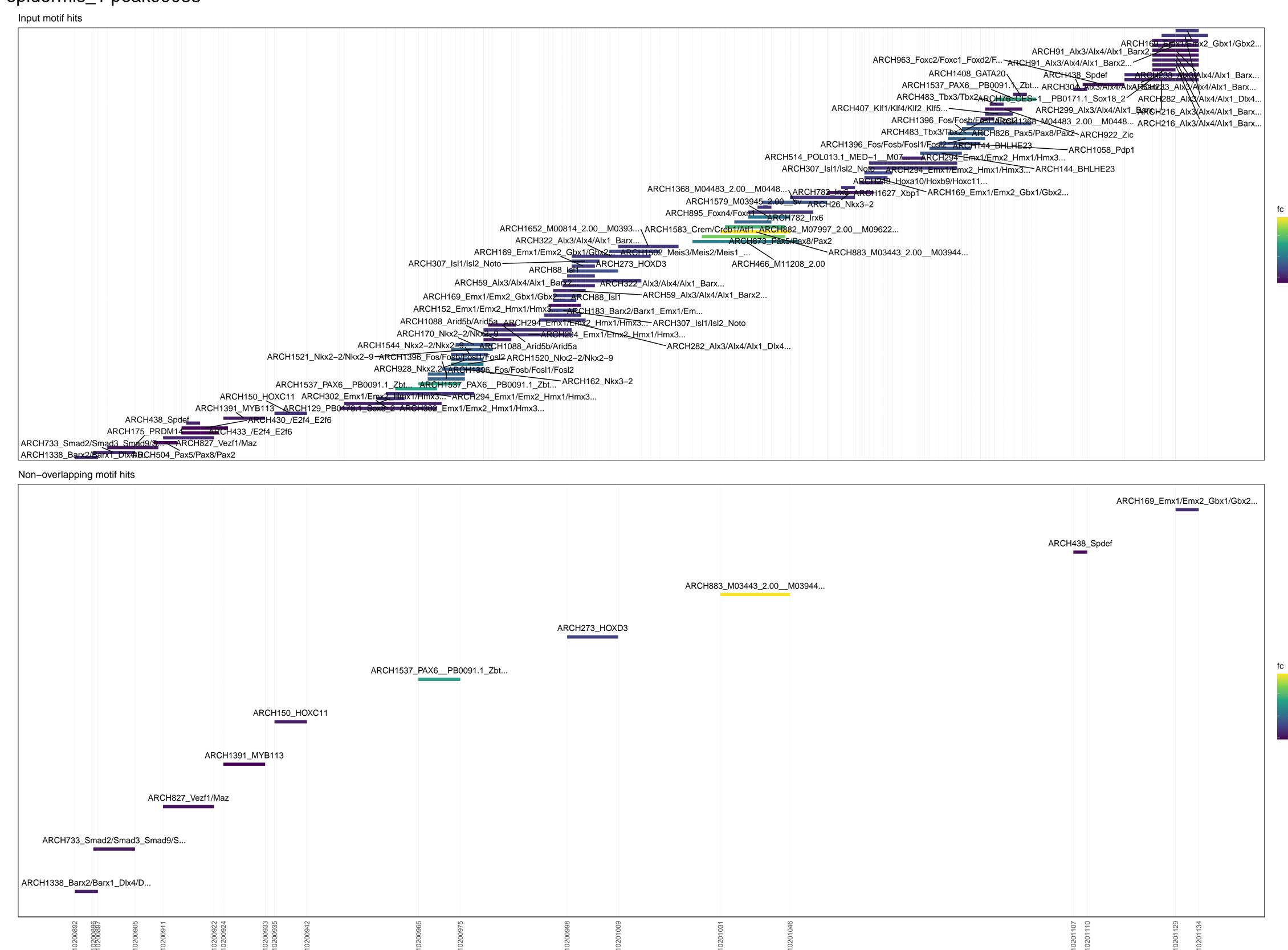


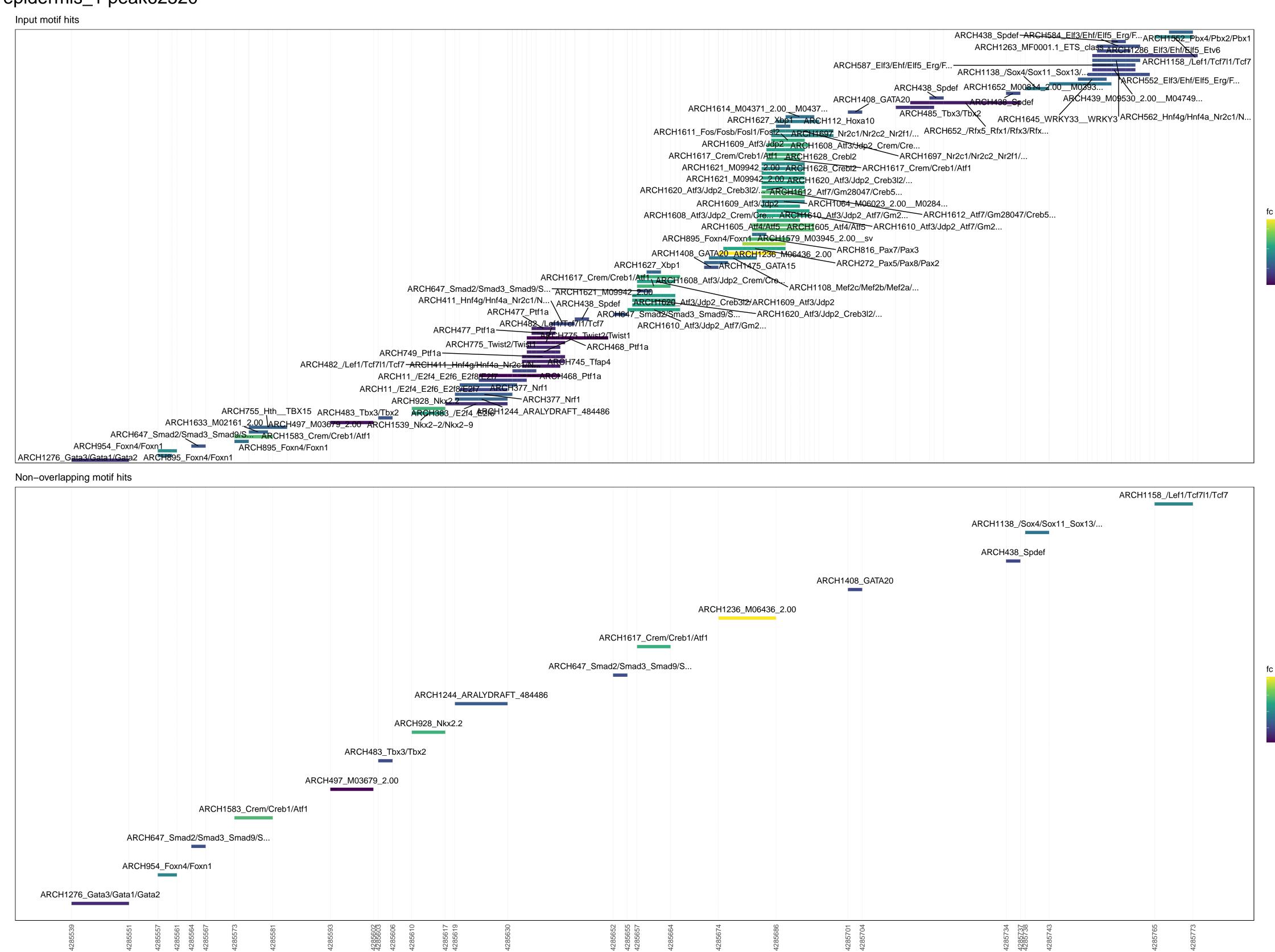








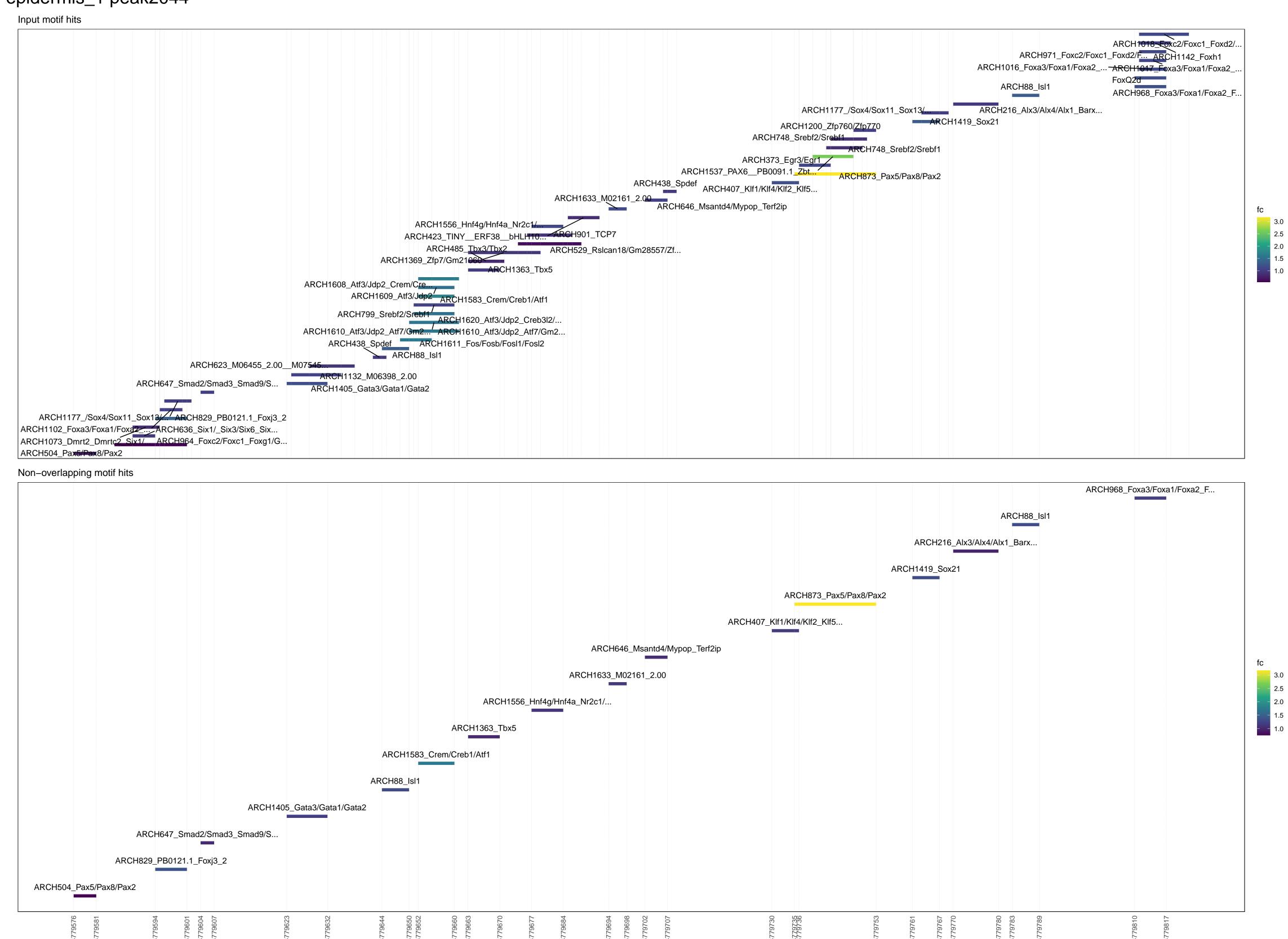


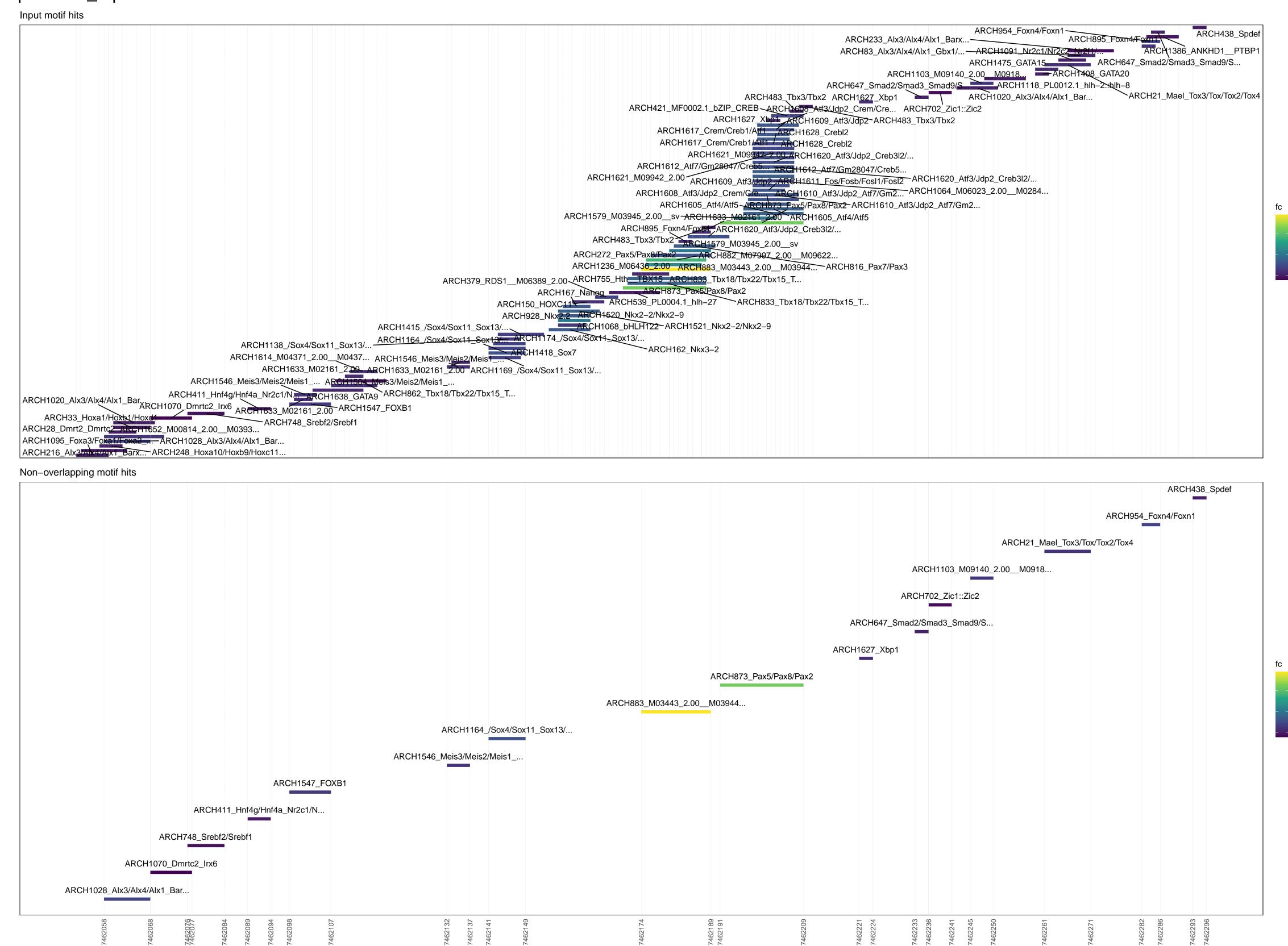


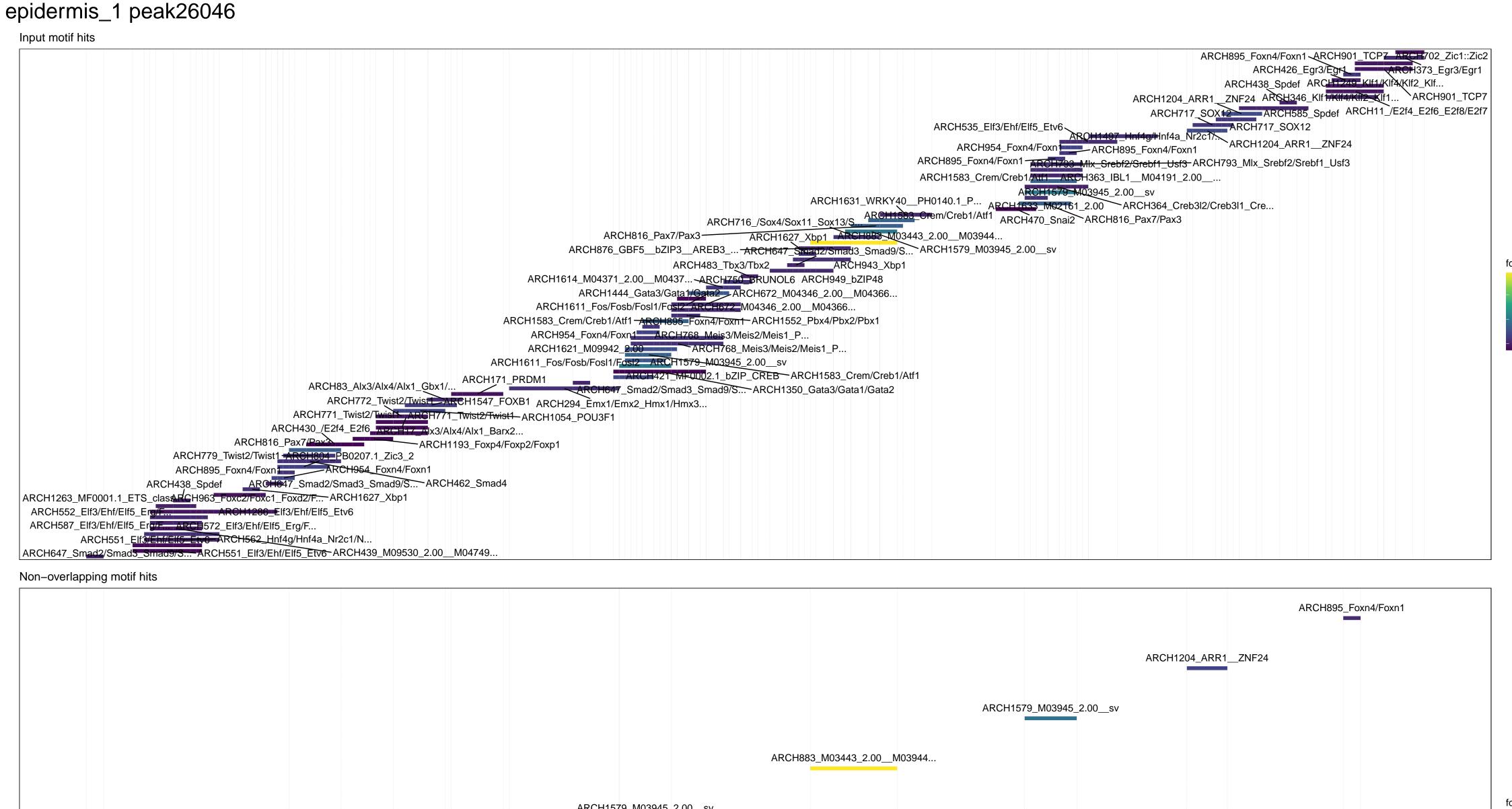
genomic position

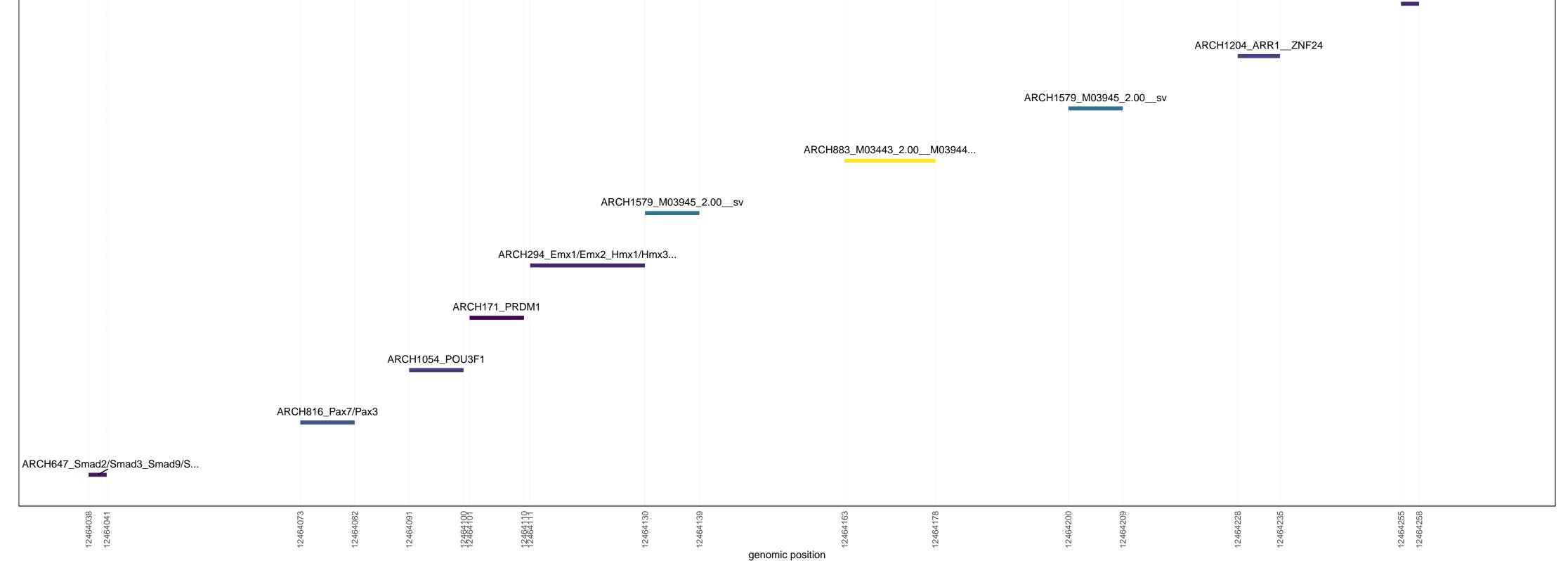
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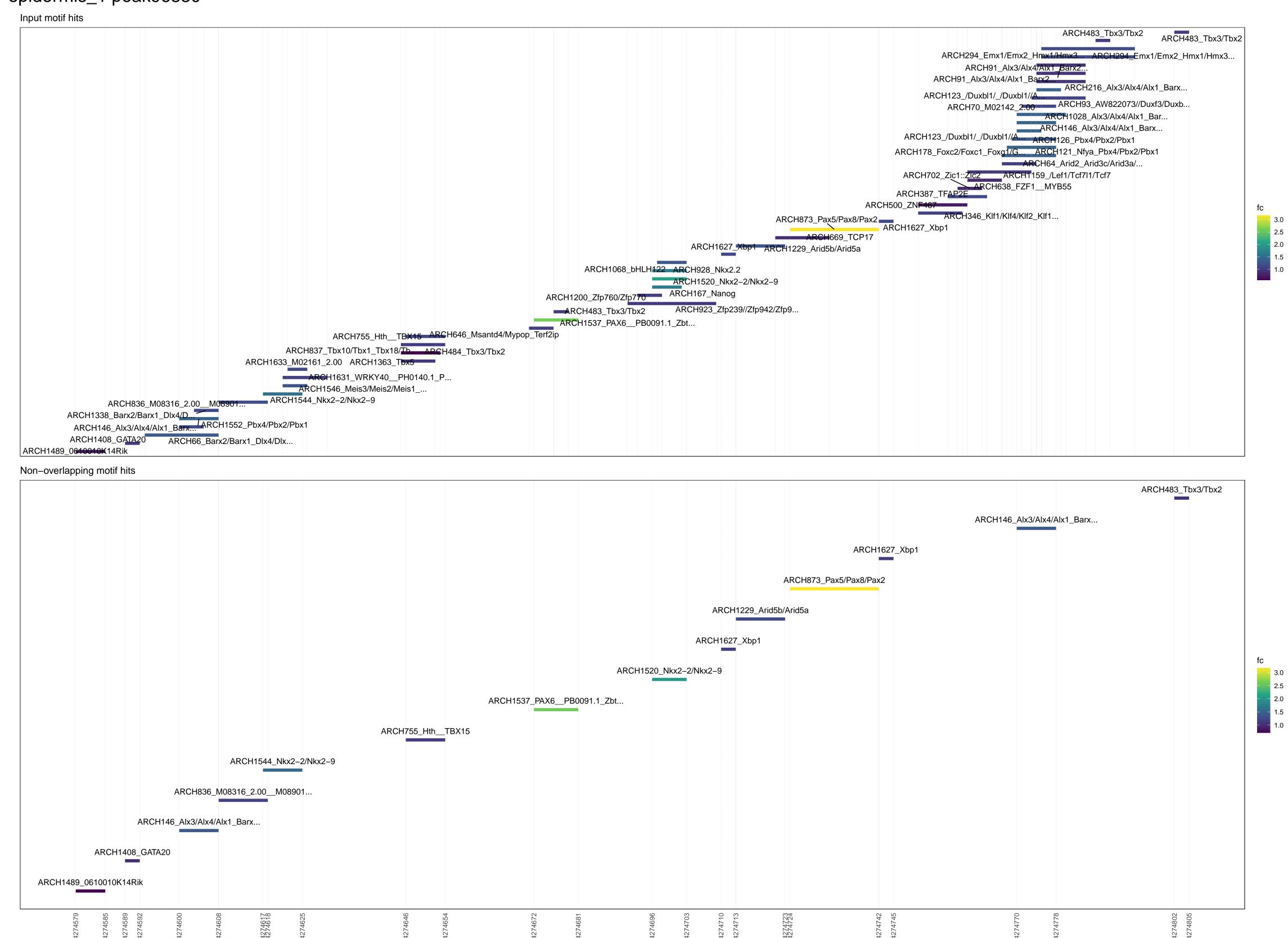
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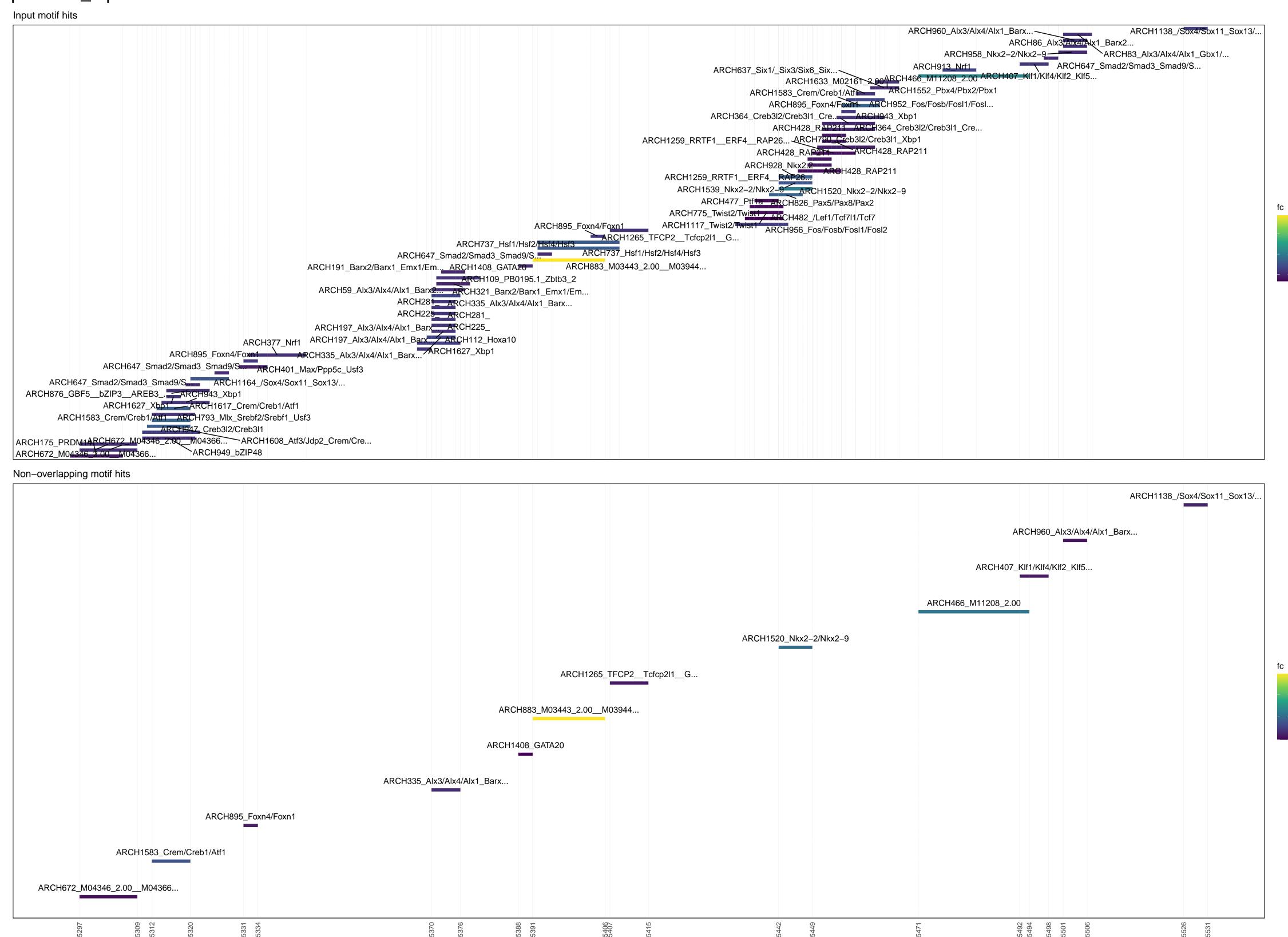


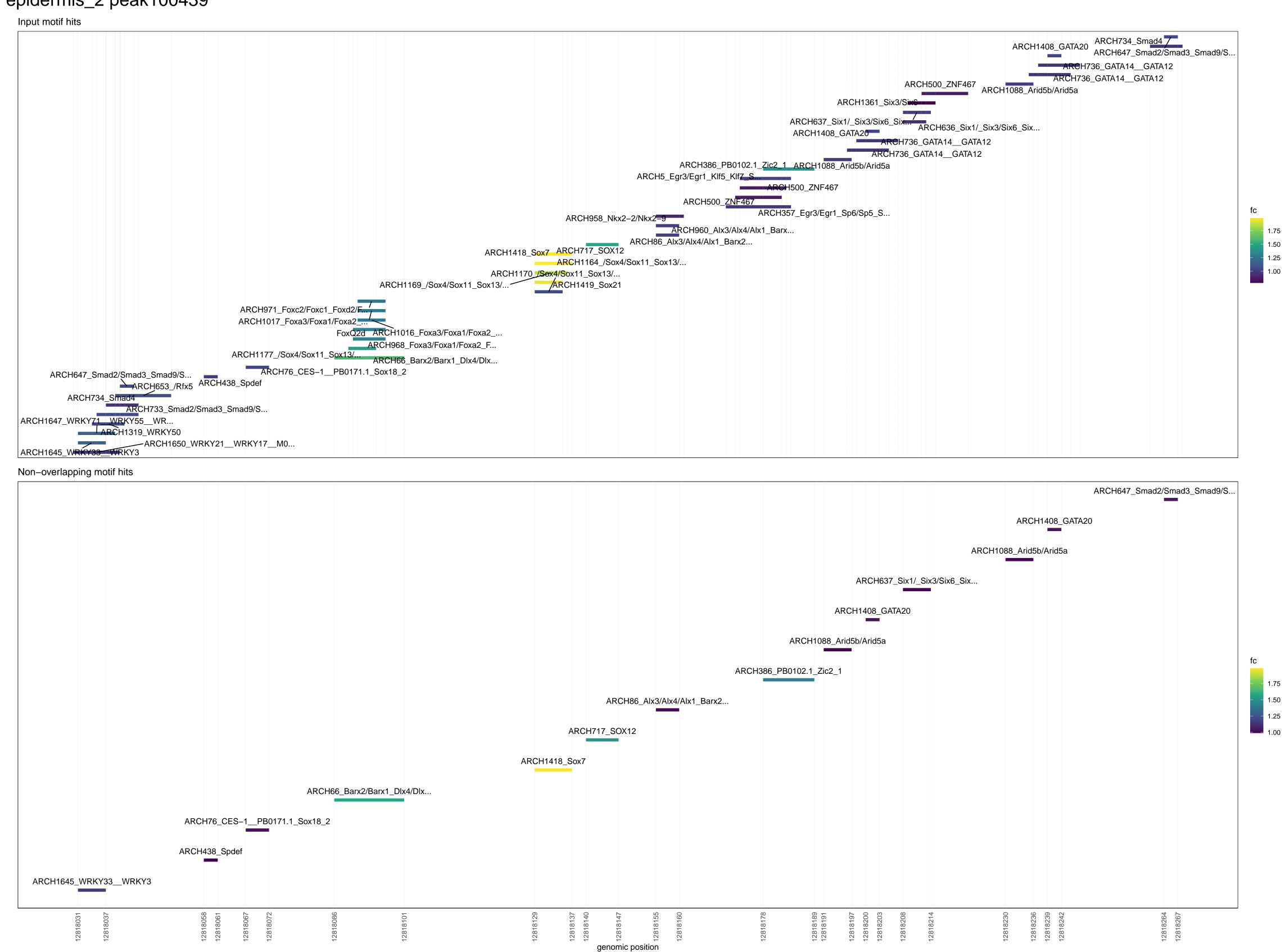


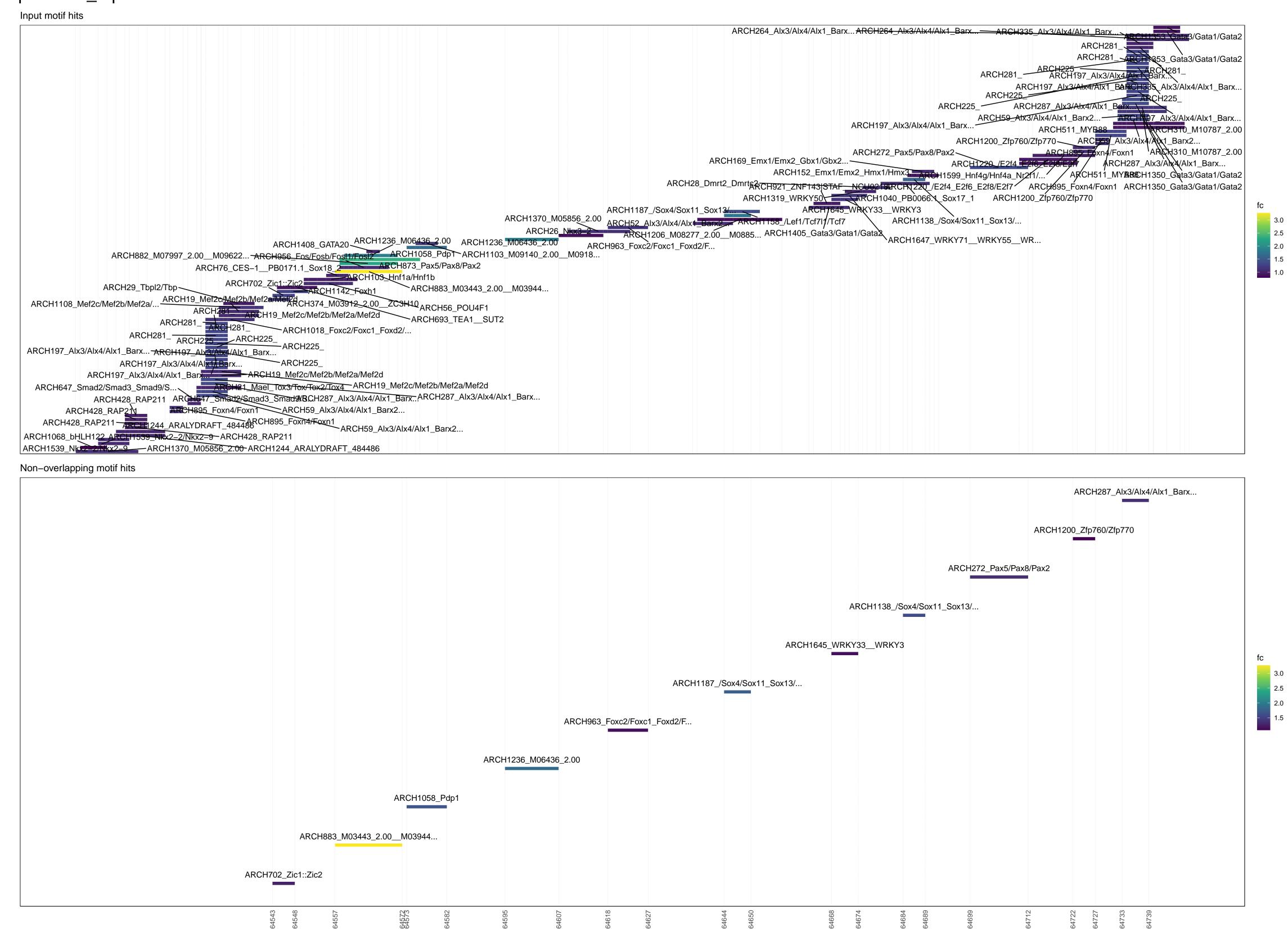


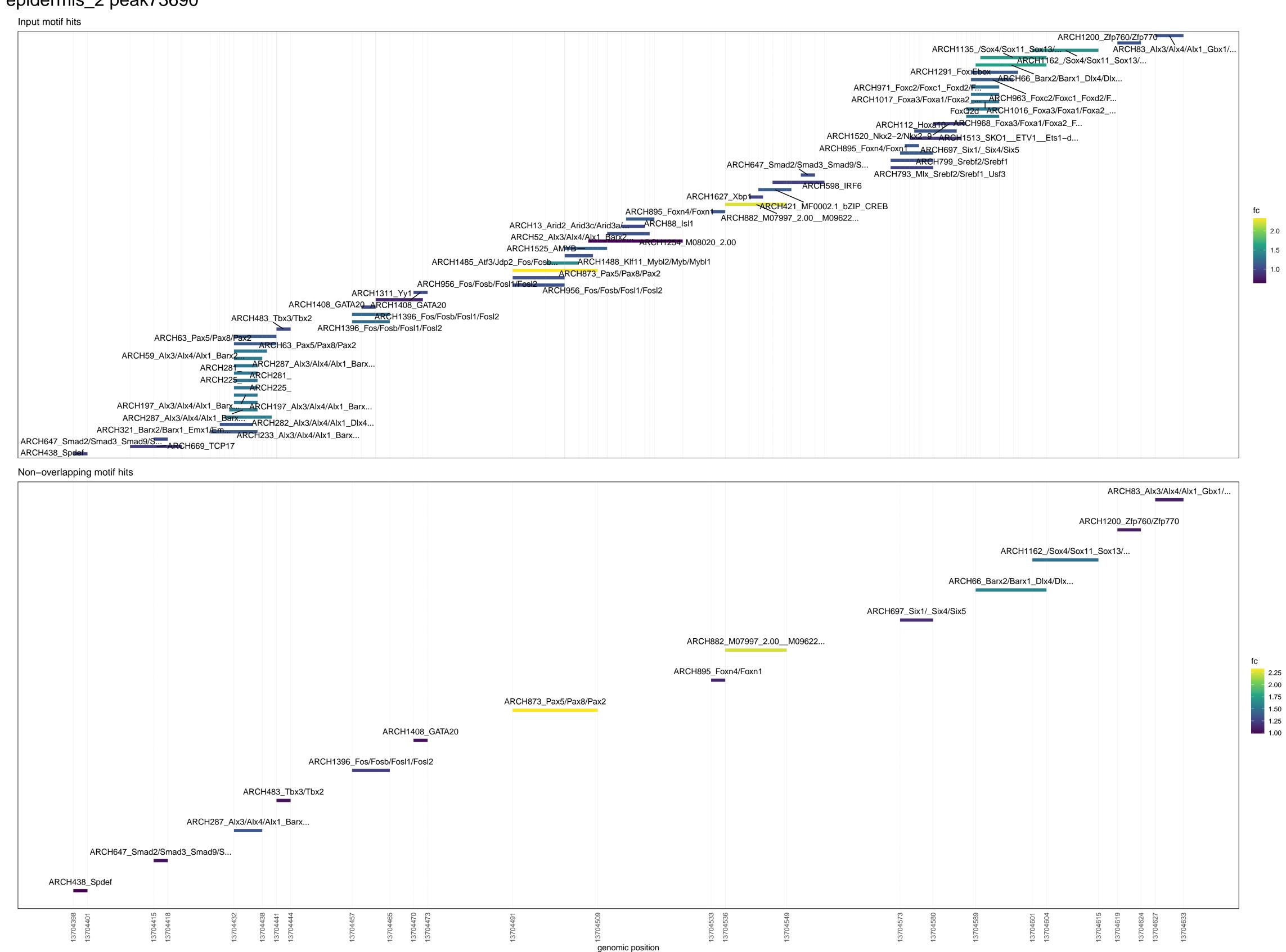


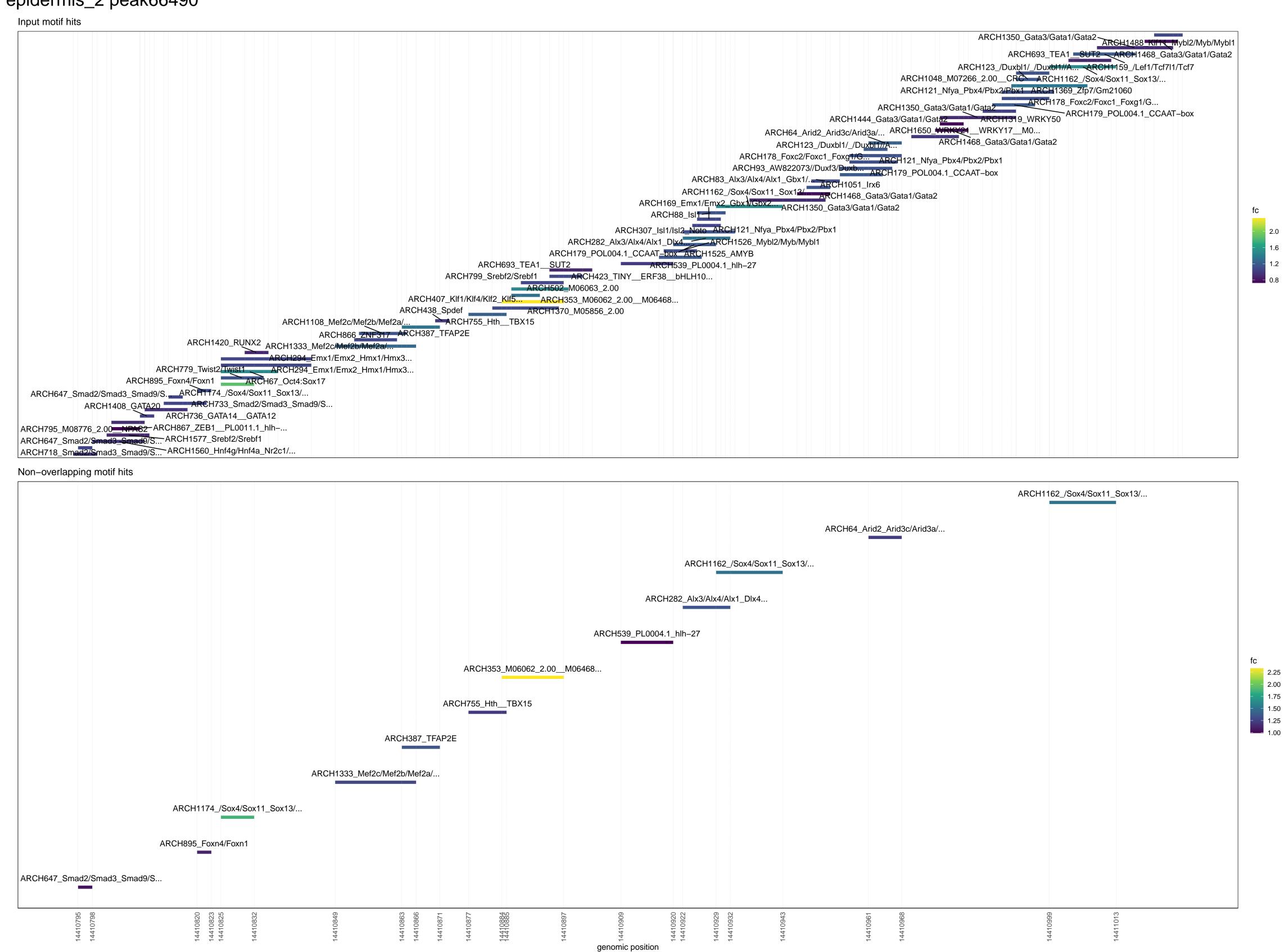


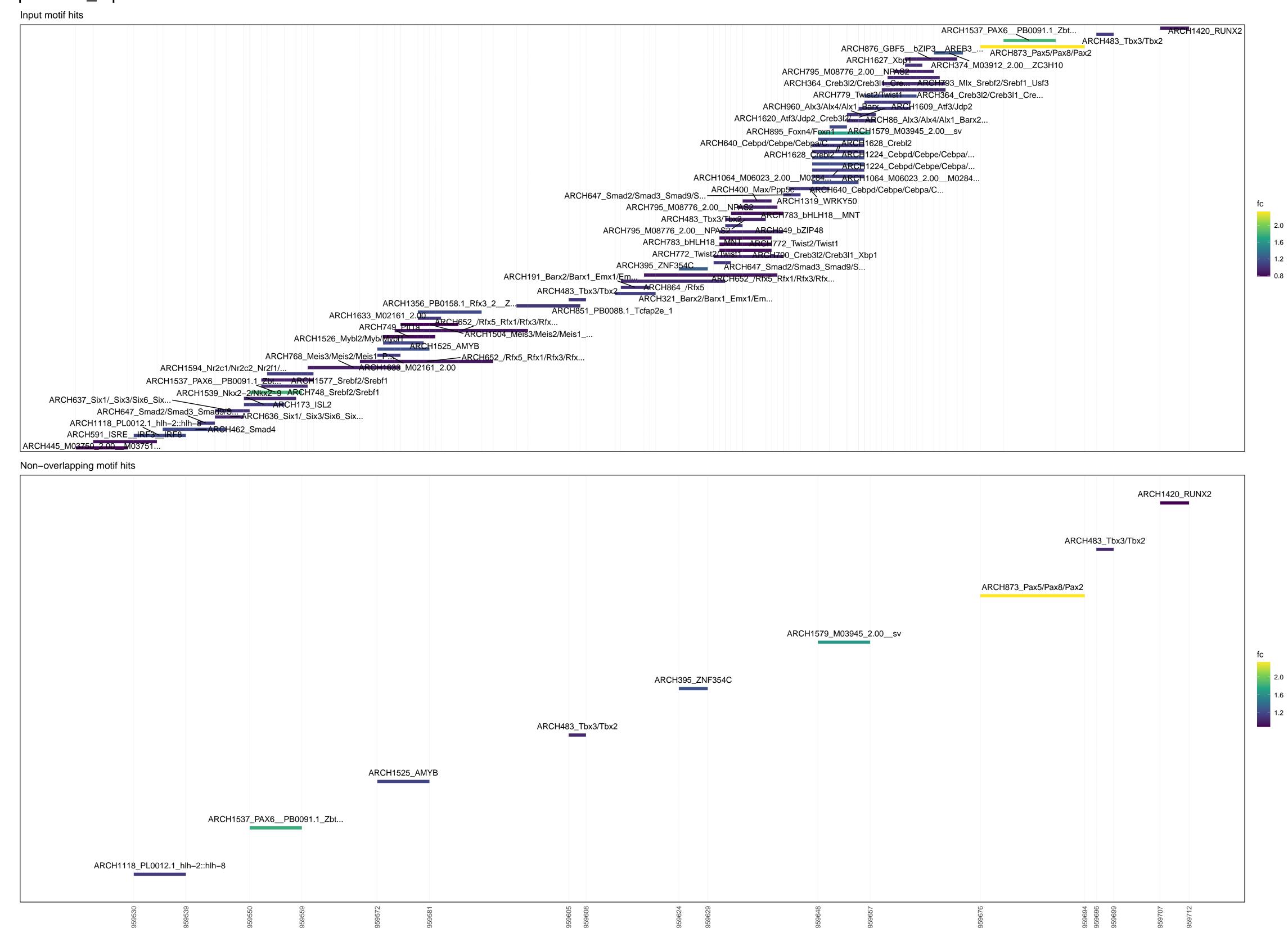


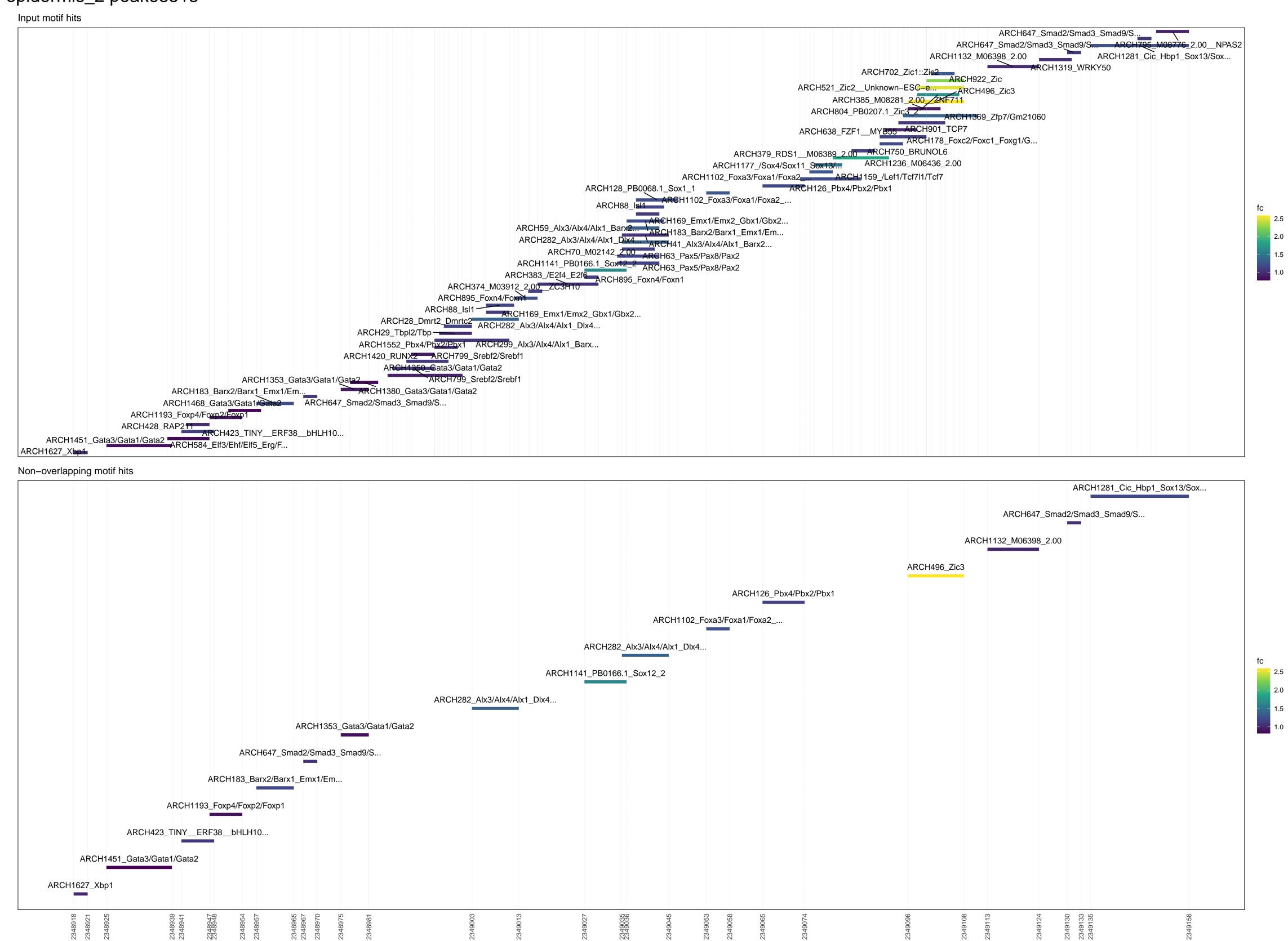


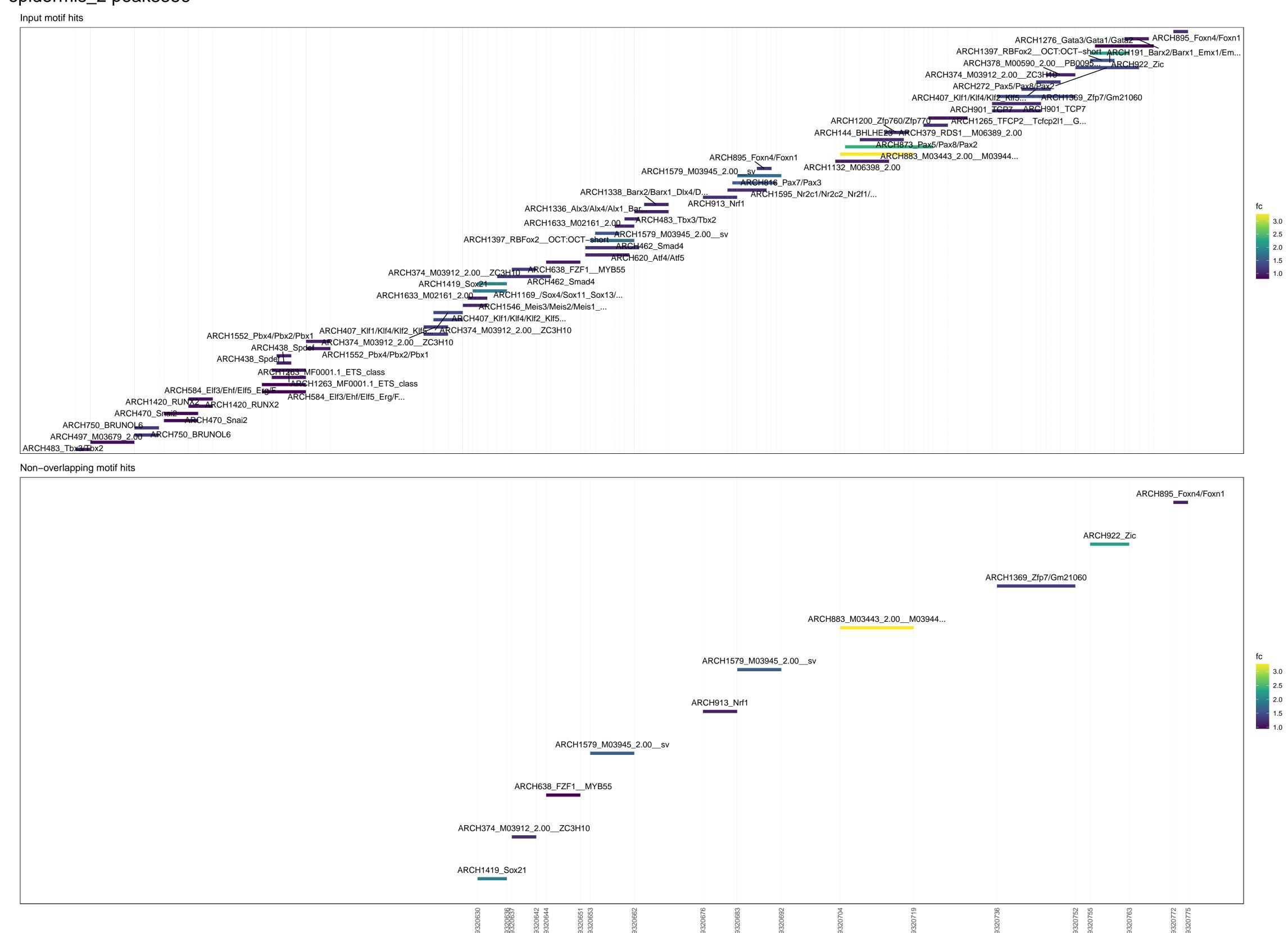


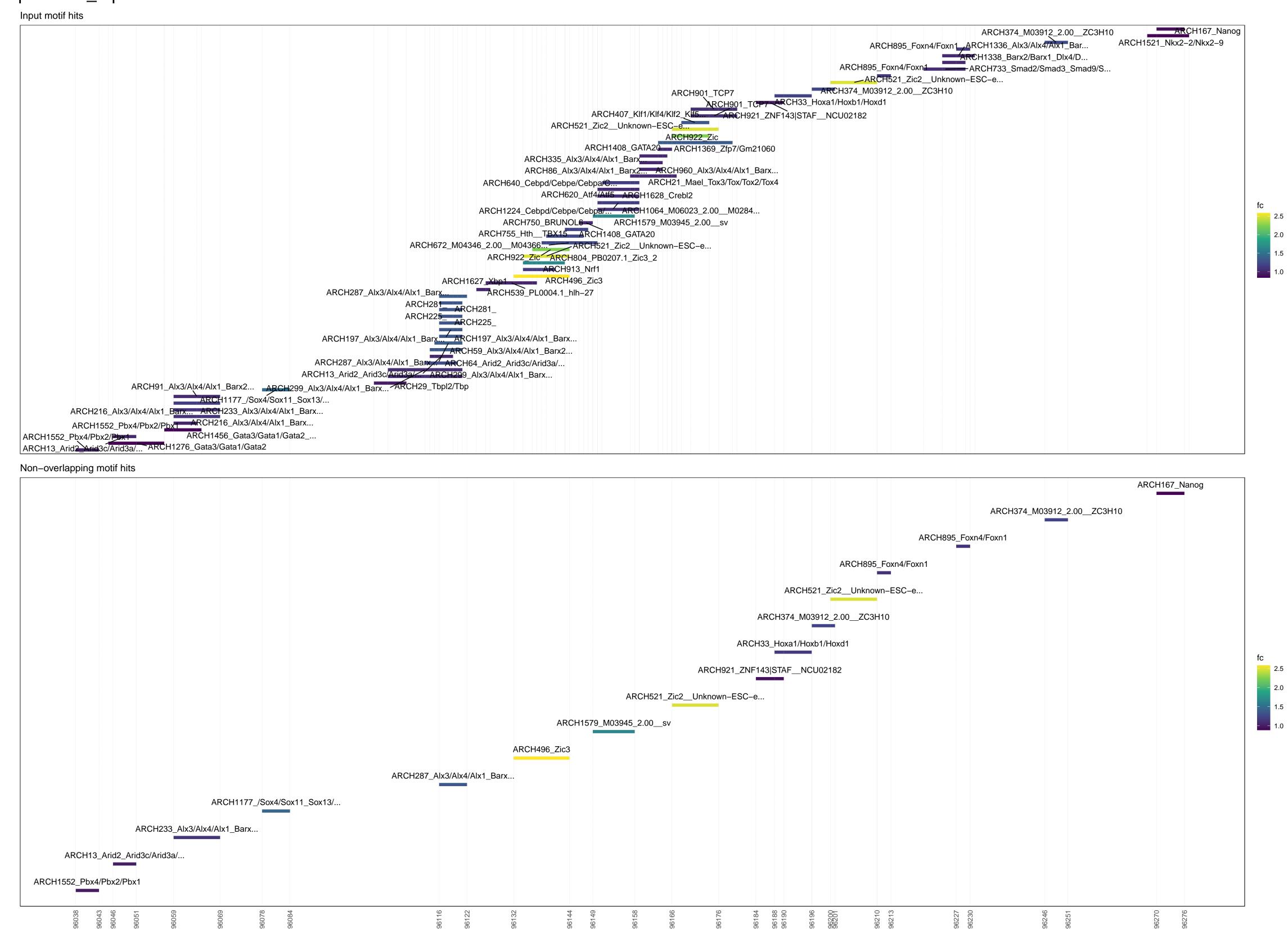


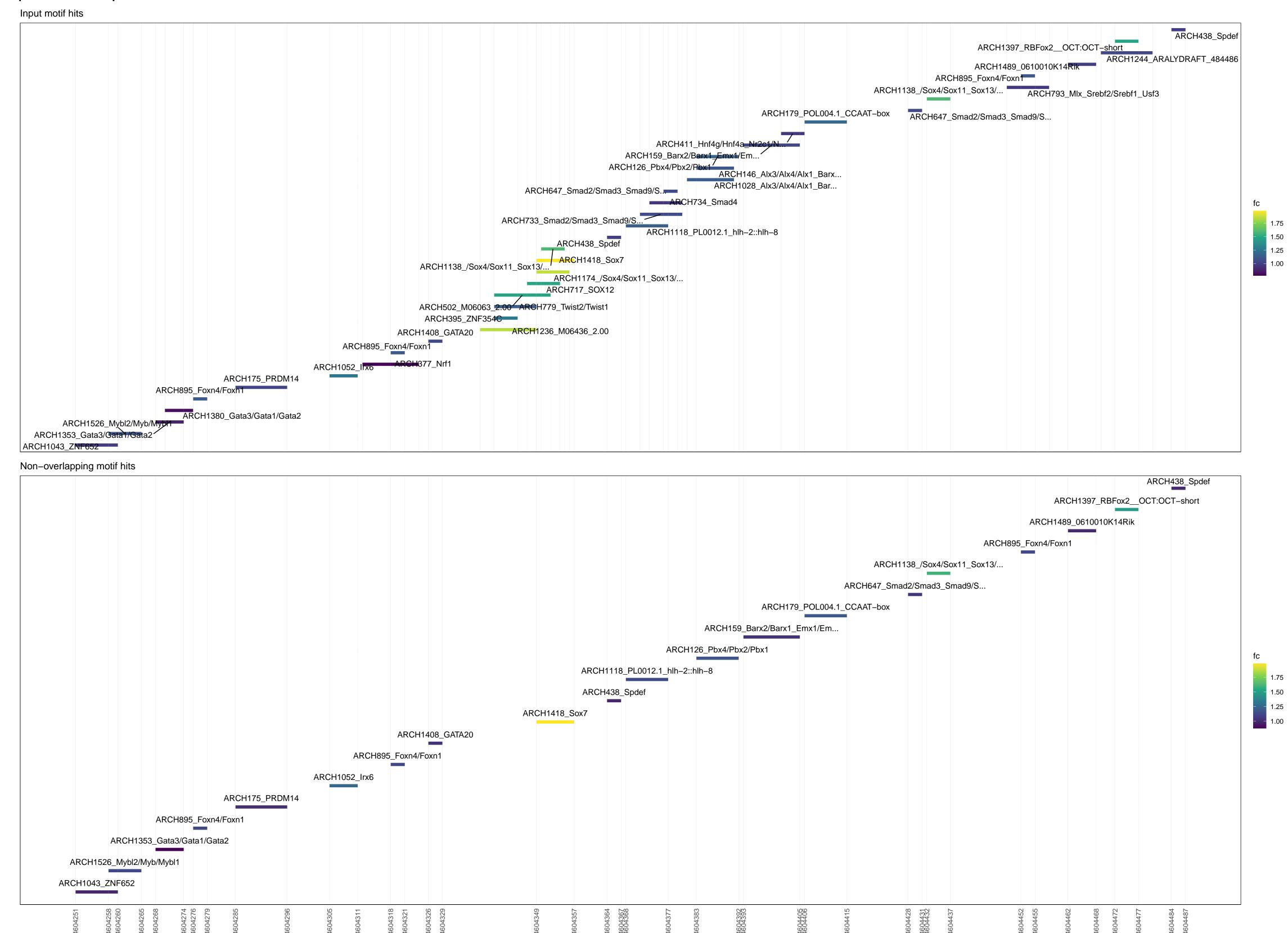


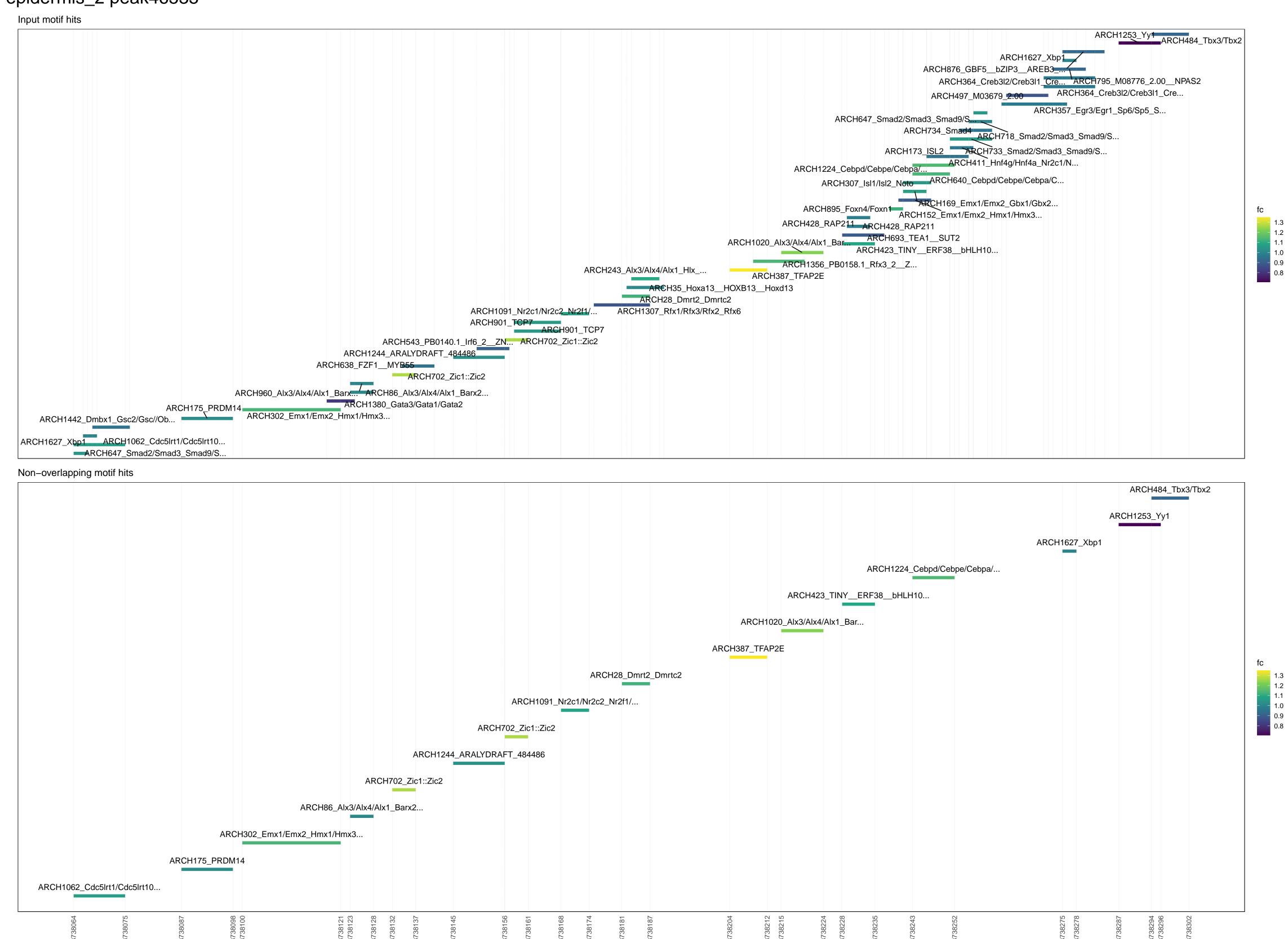


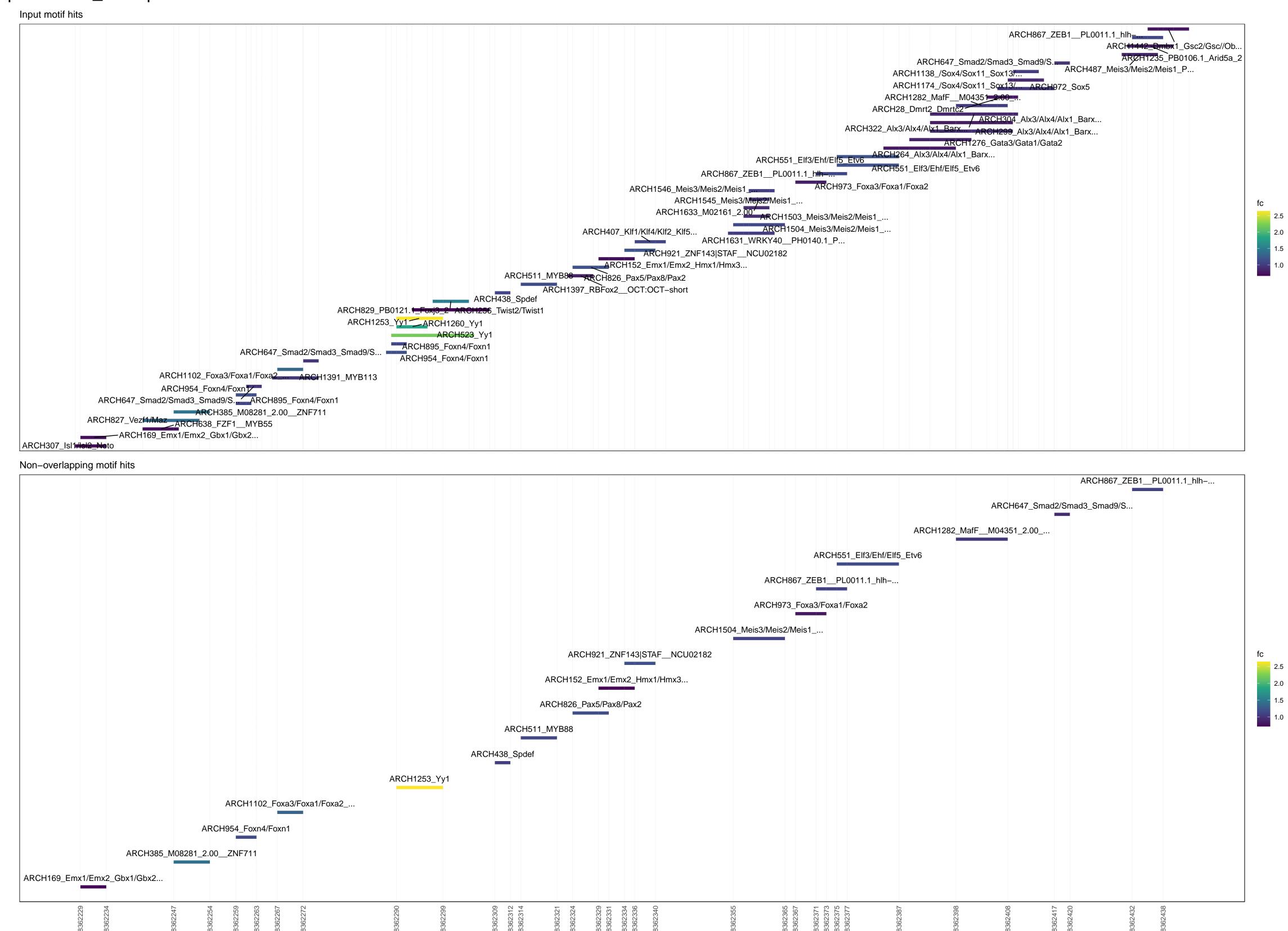


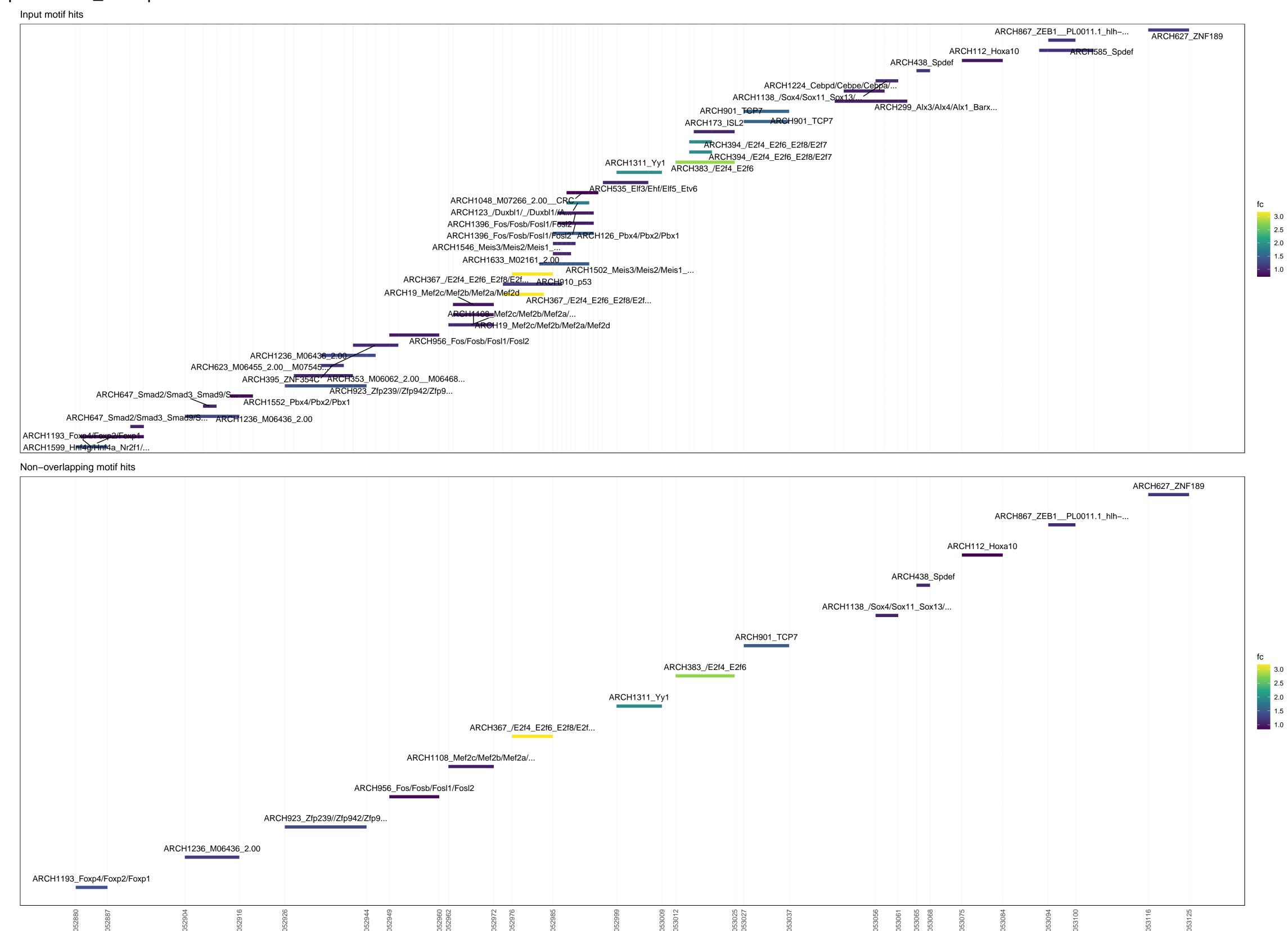


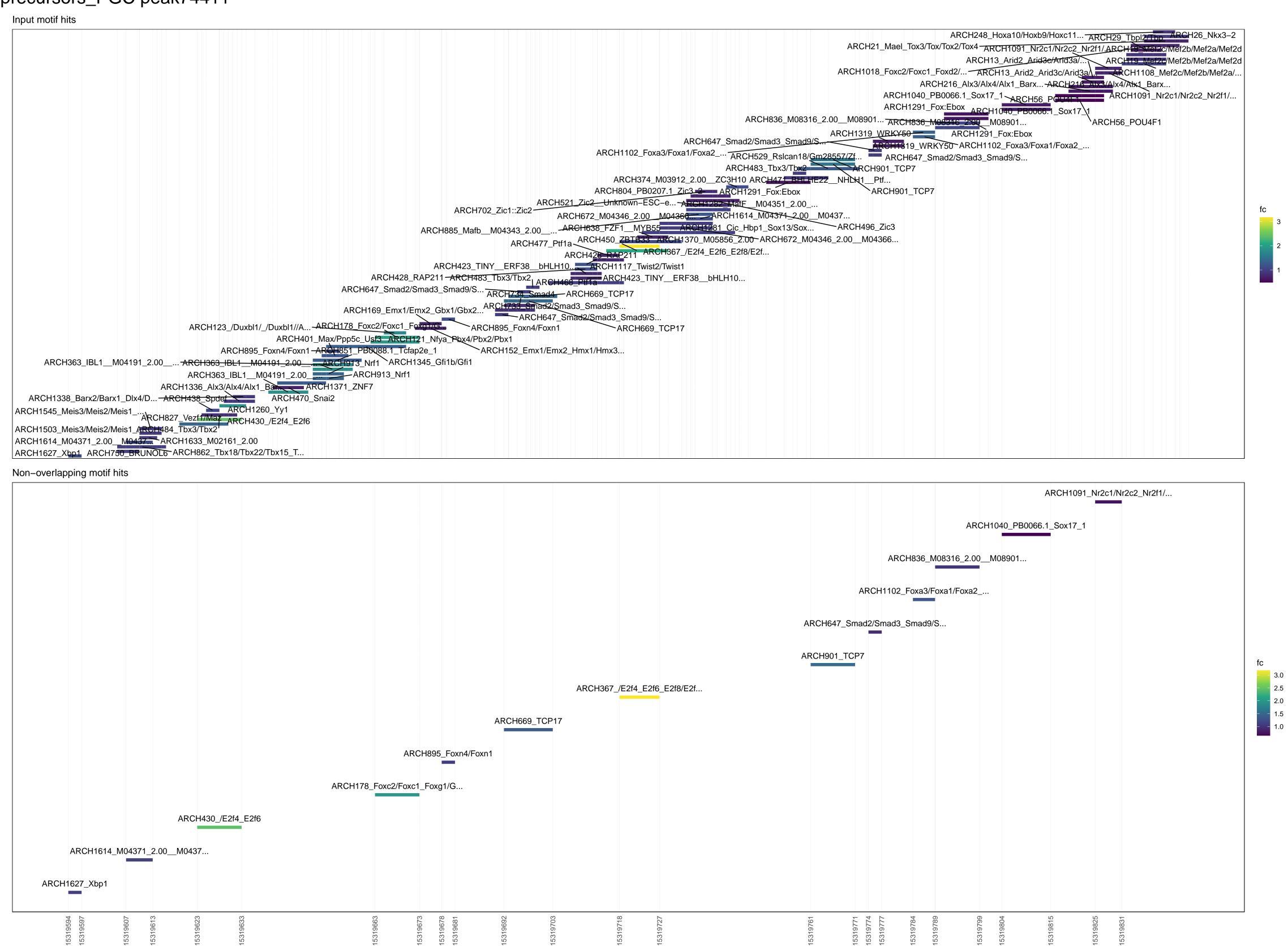






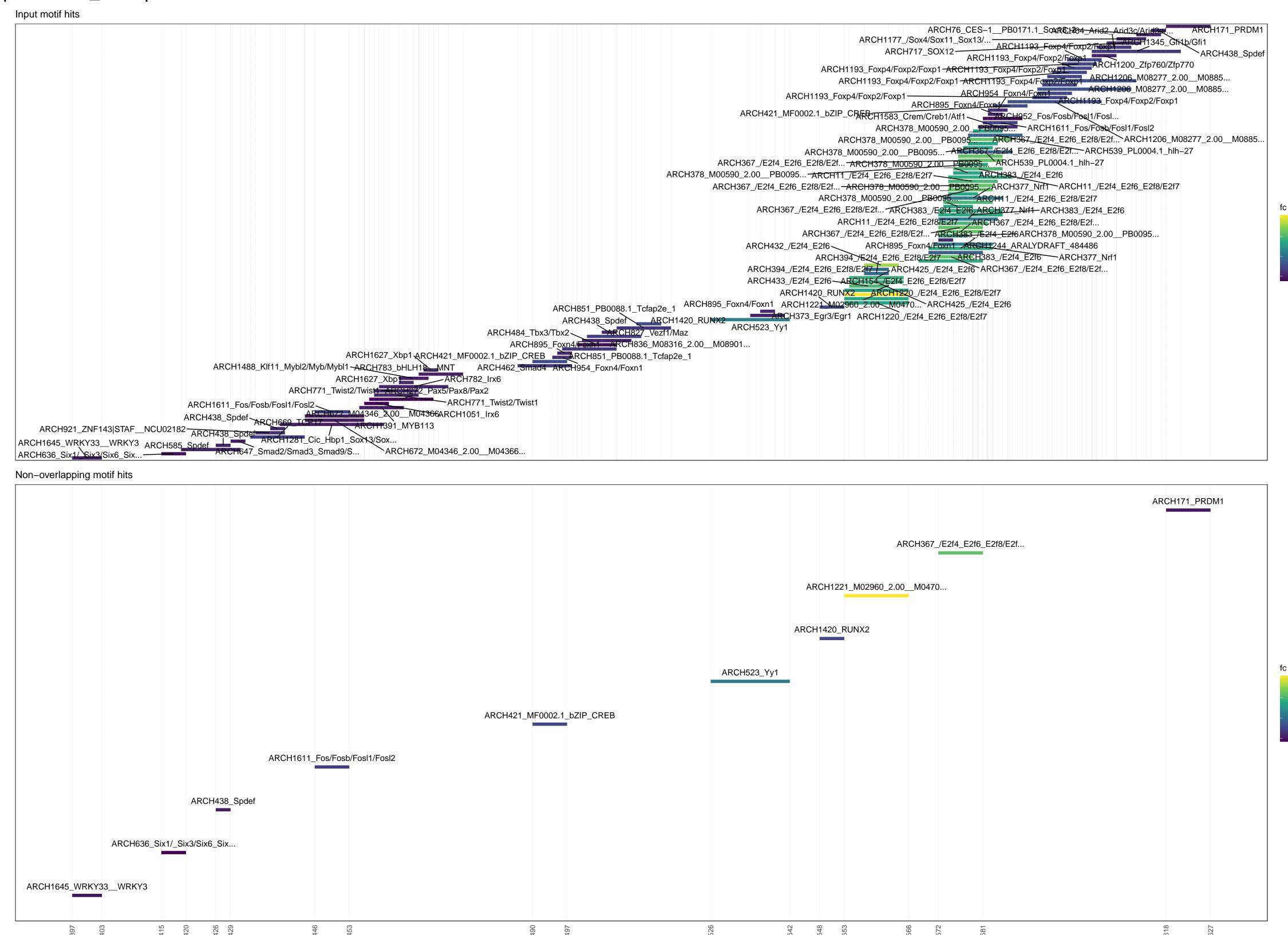




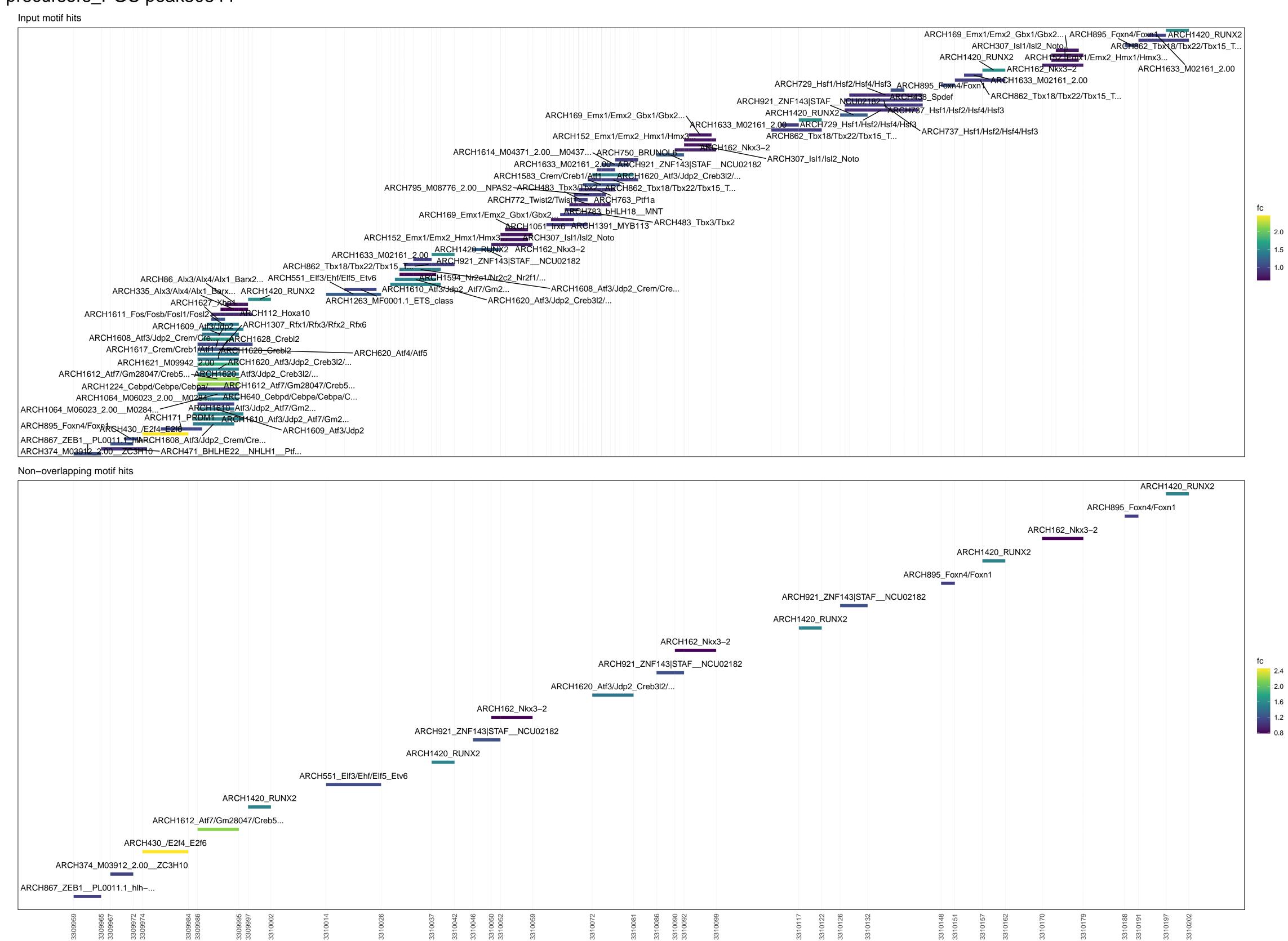


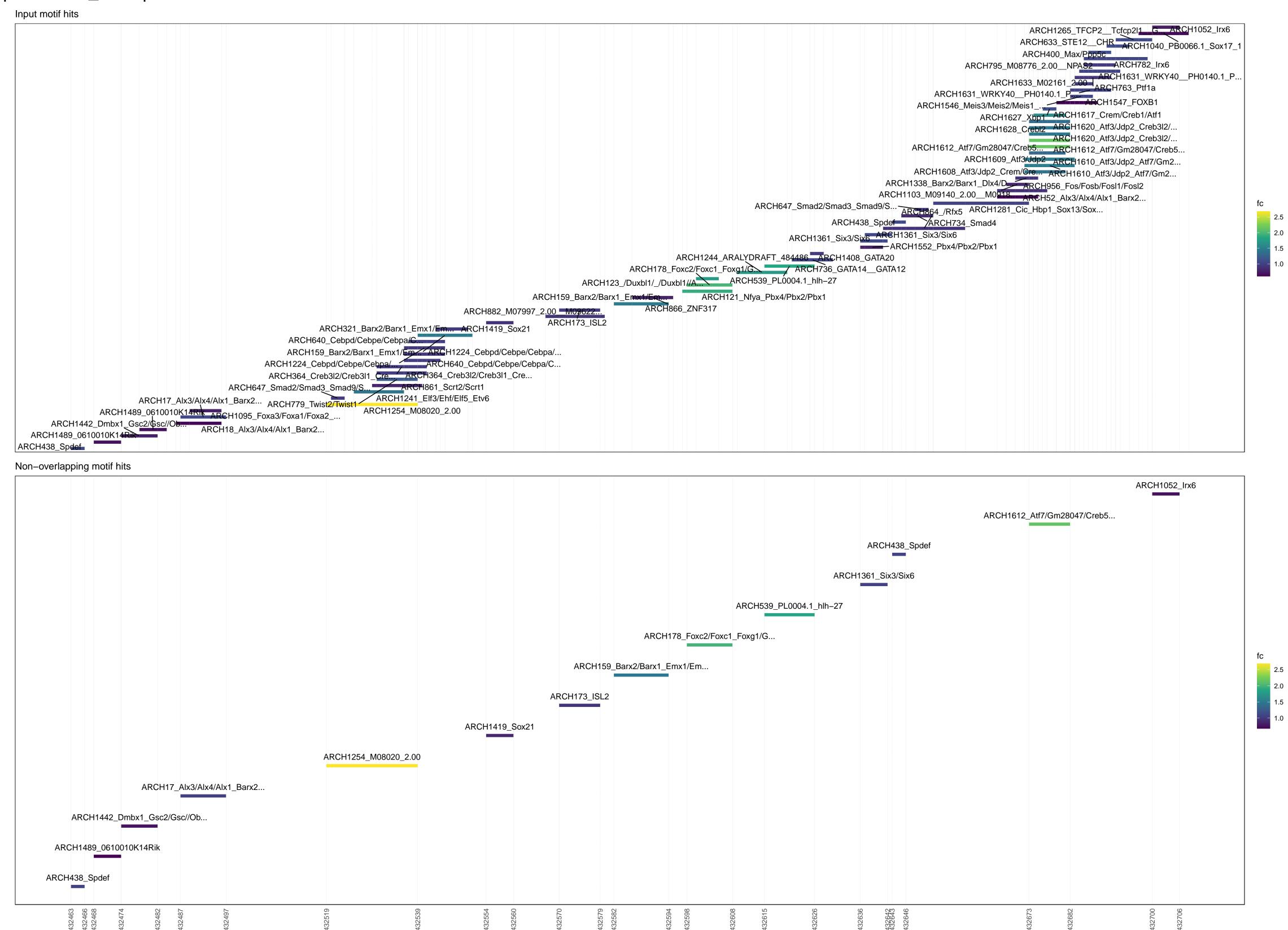
genomic position

1.0

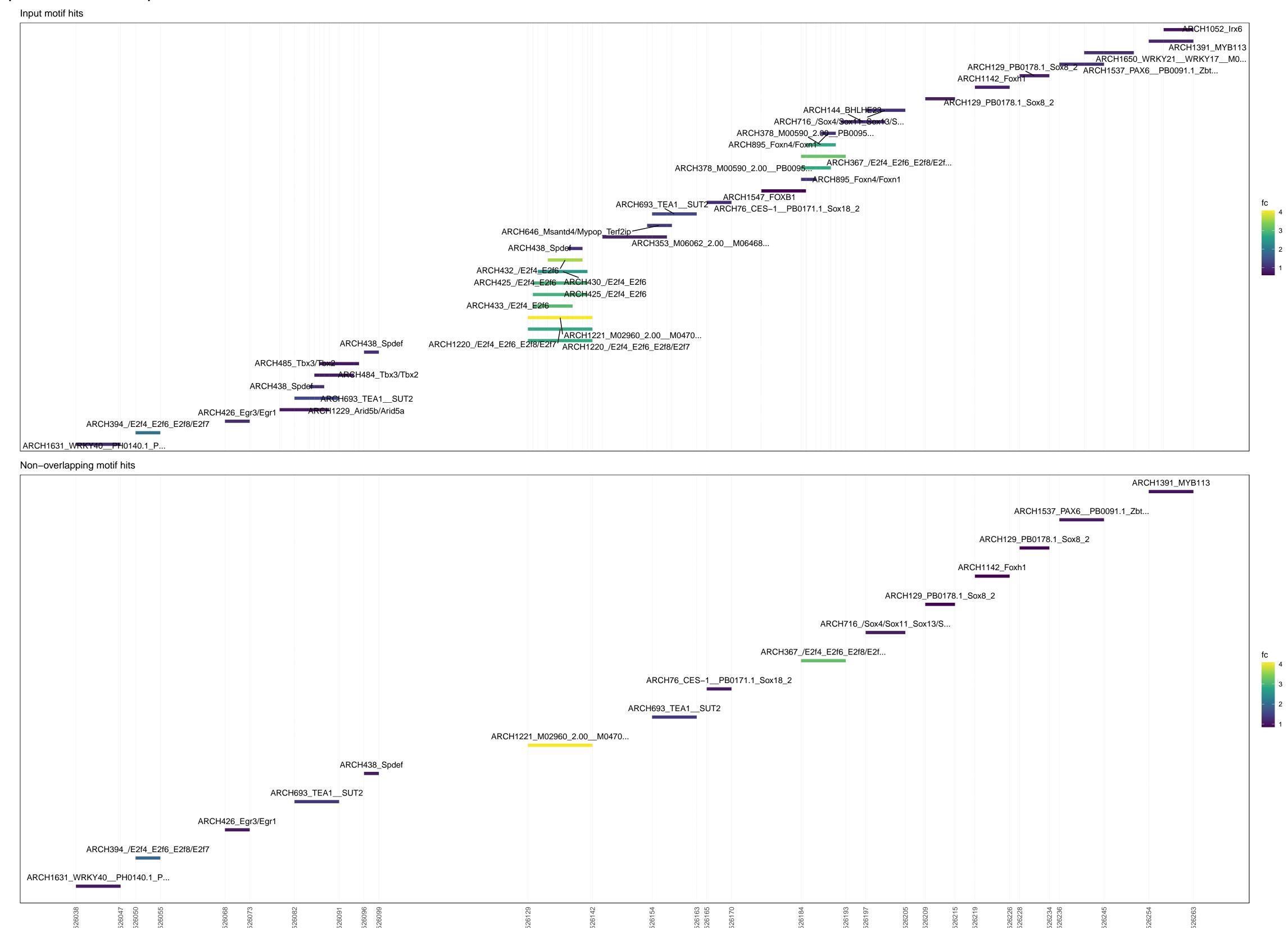


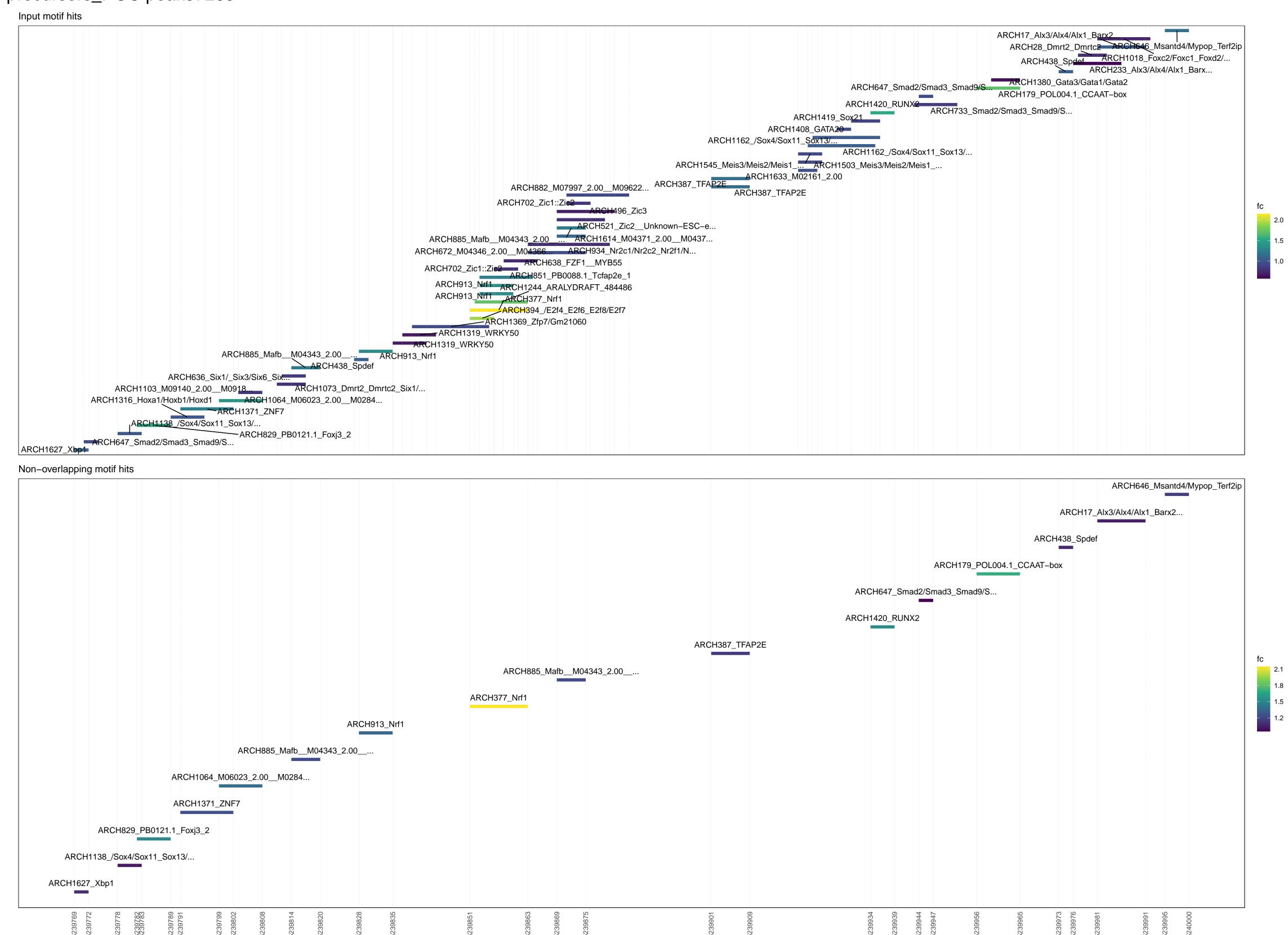
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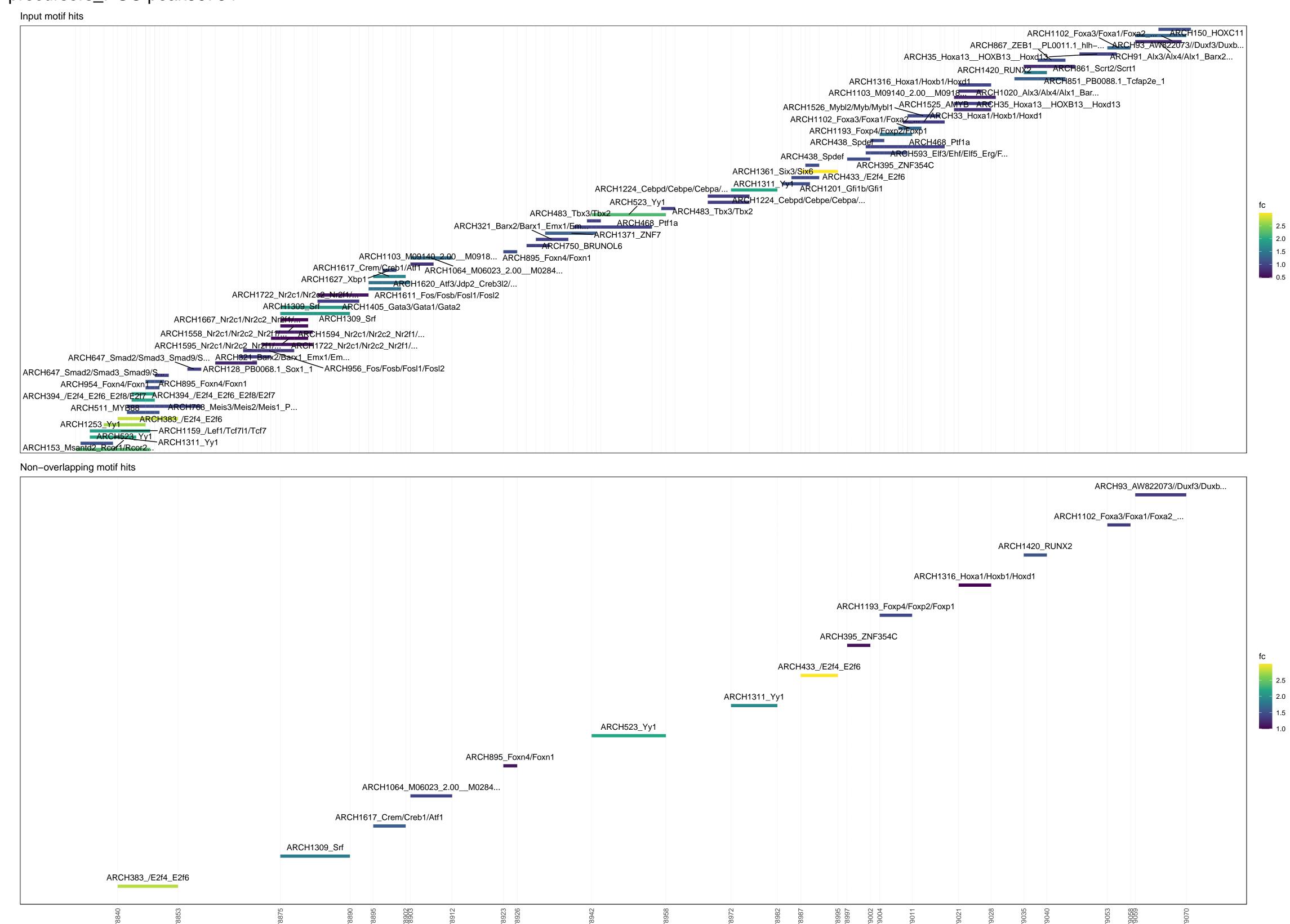


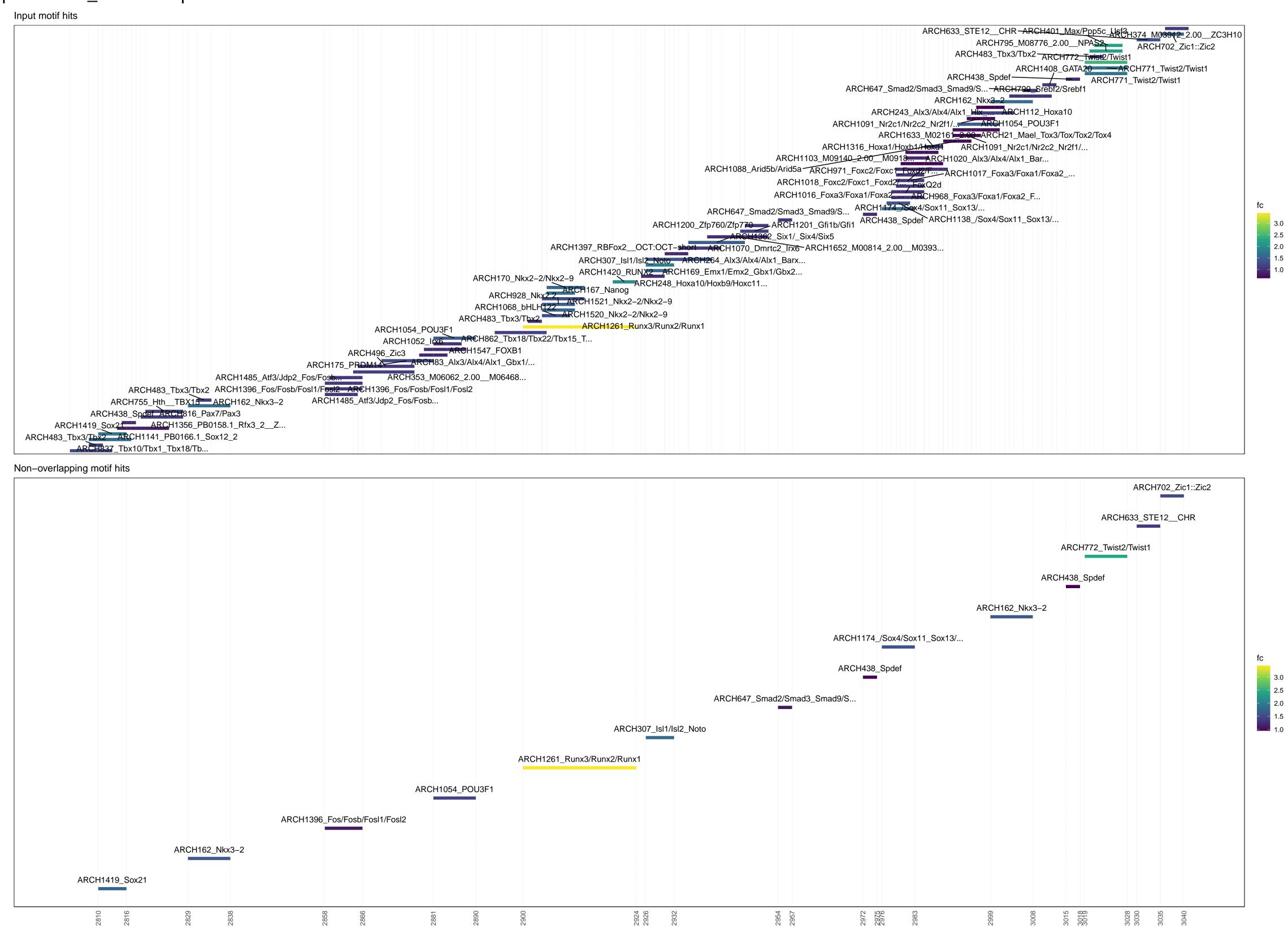




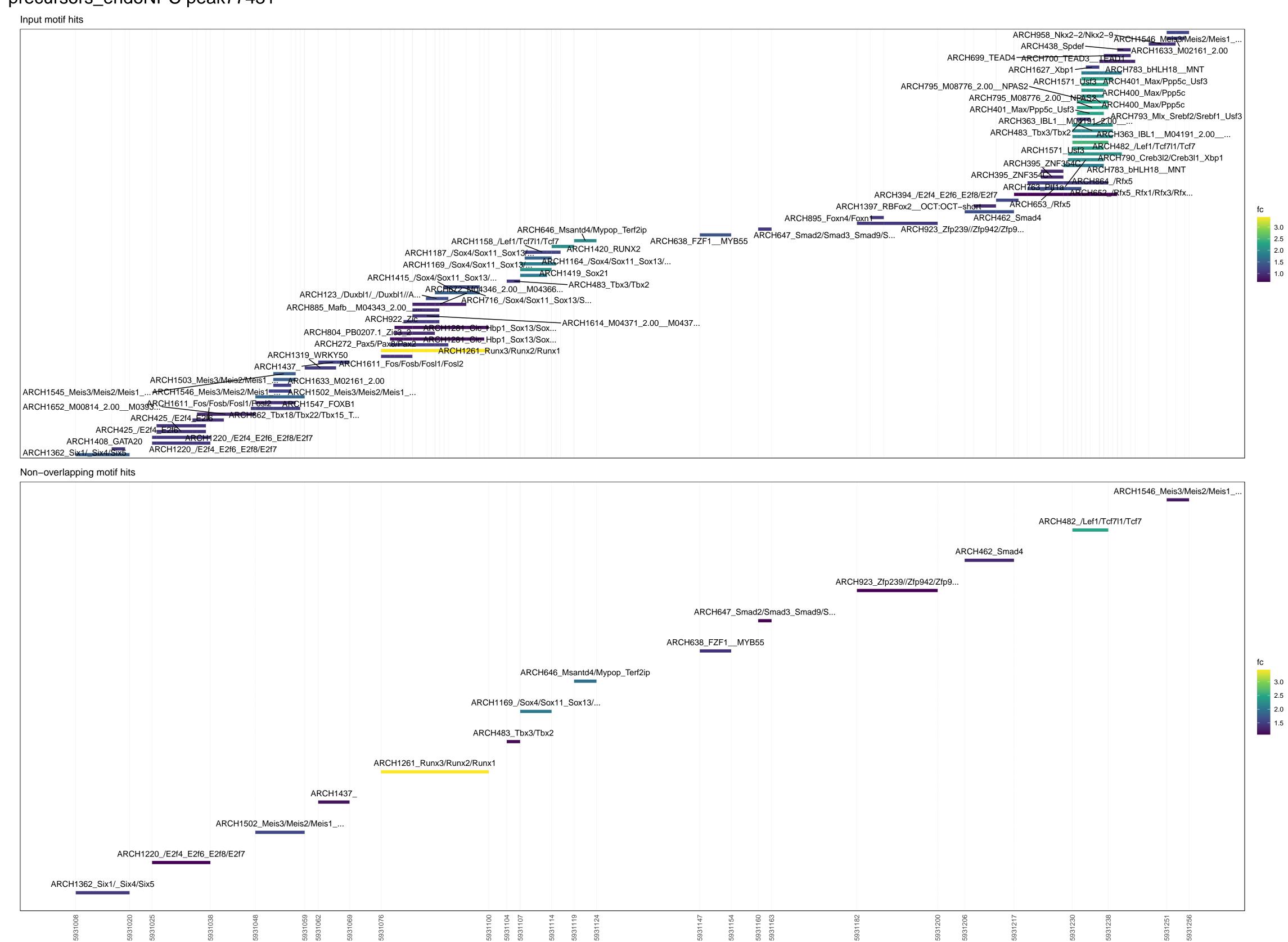


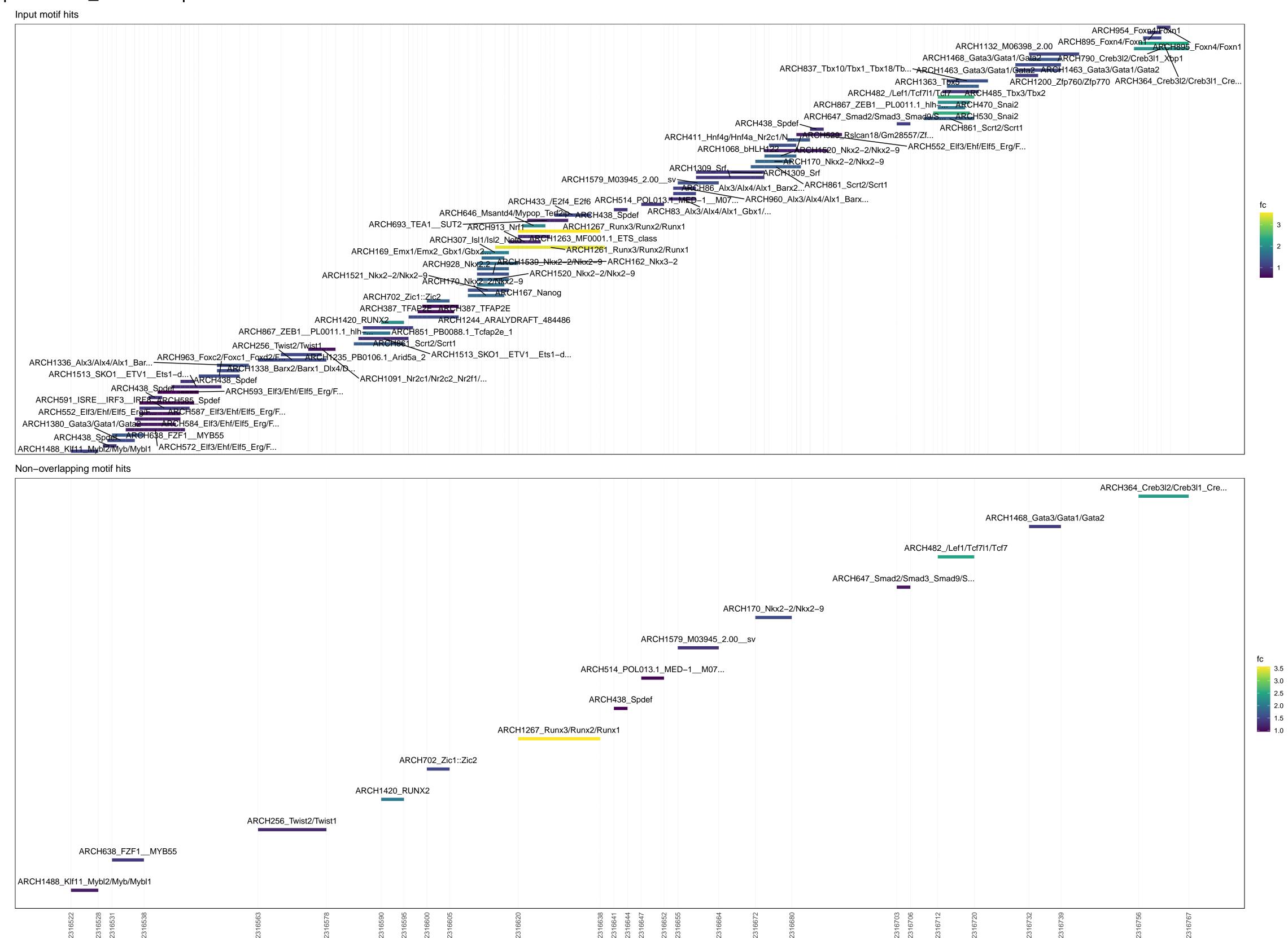


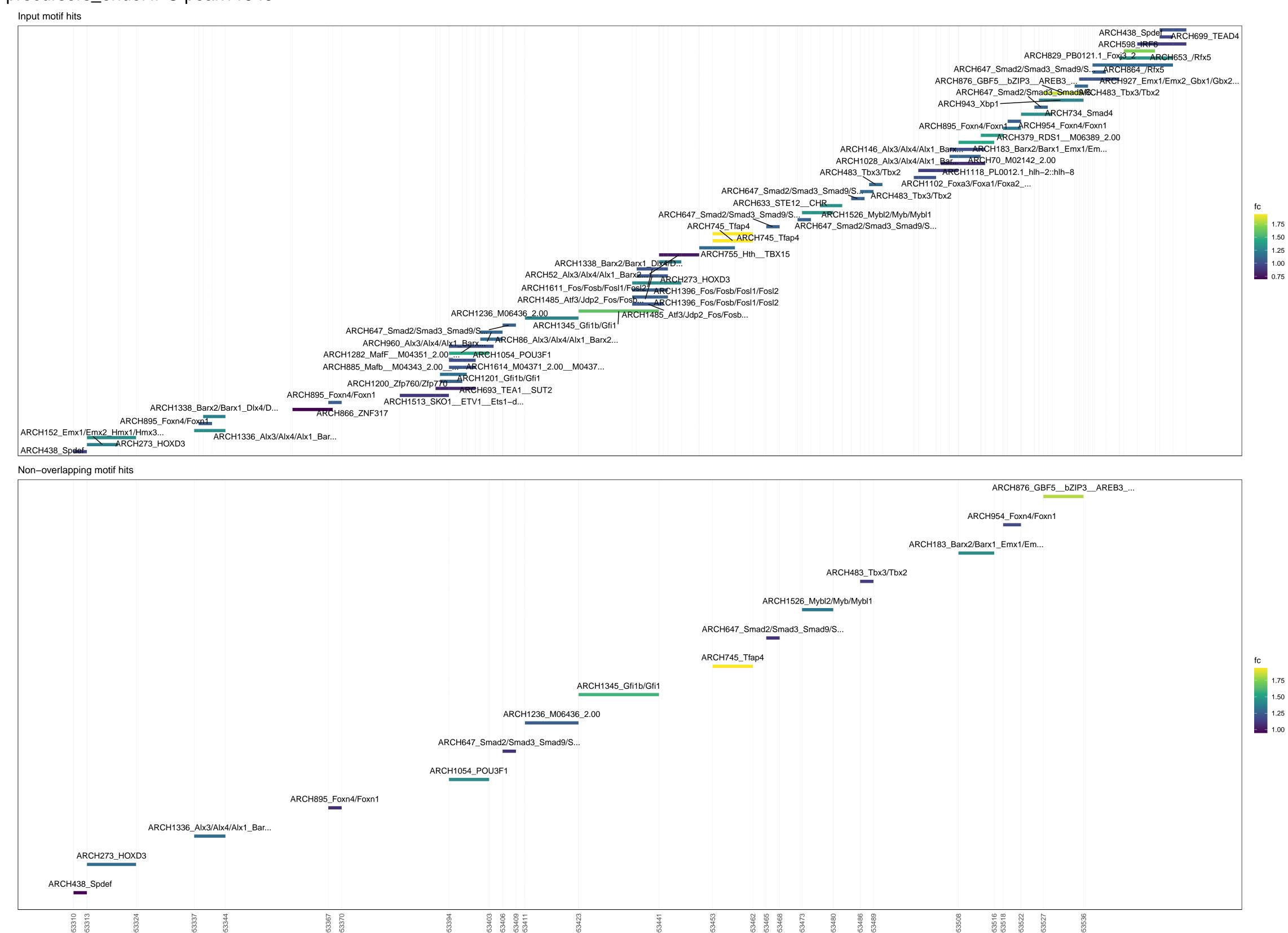




ARCH438_Spdef





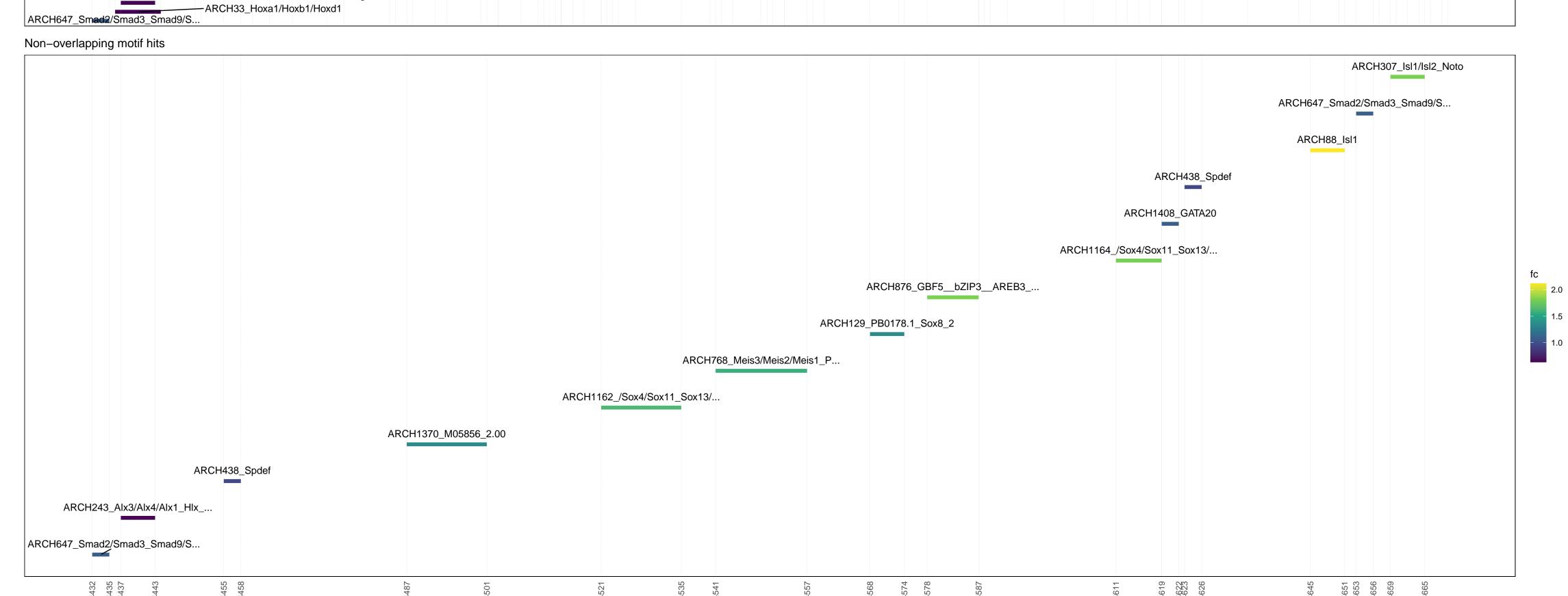


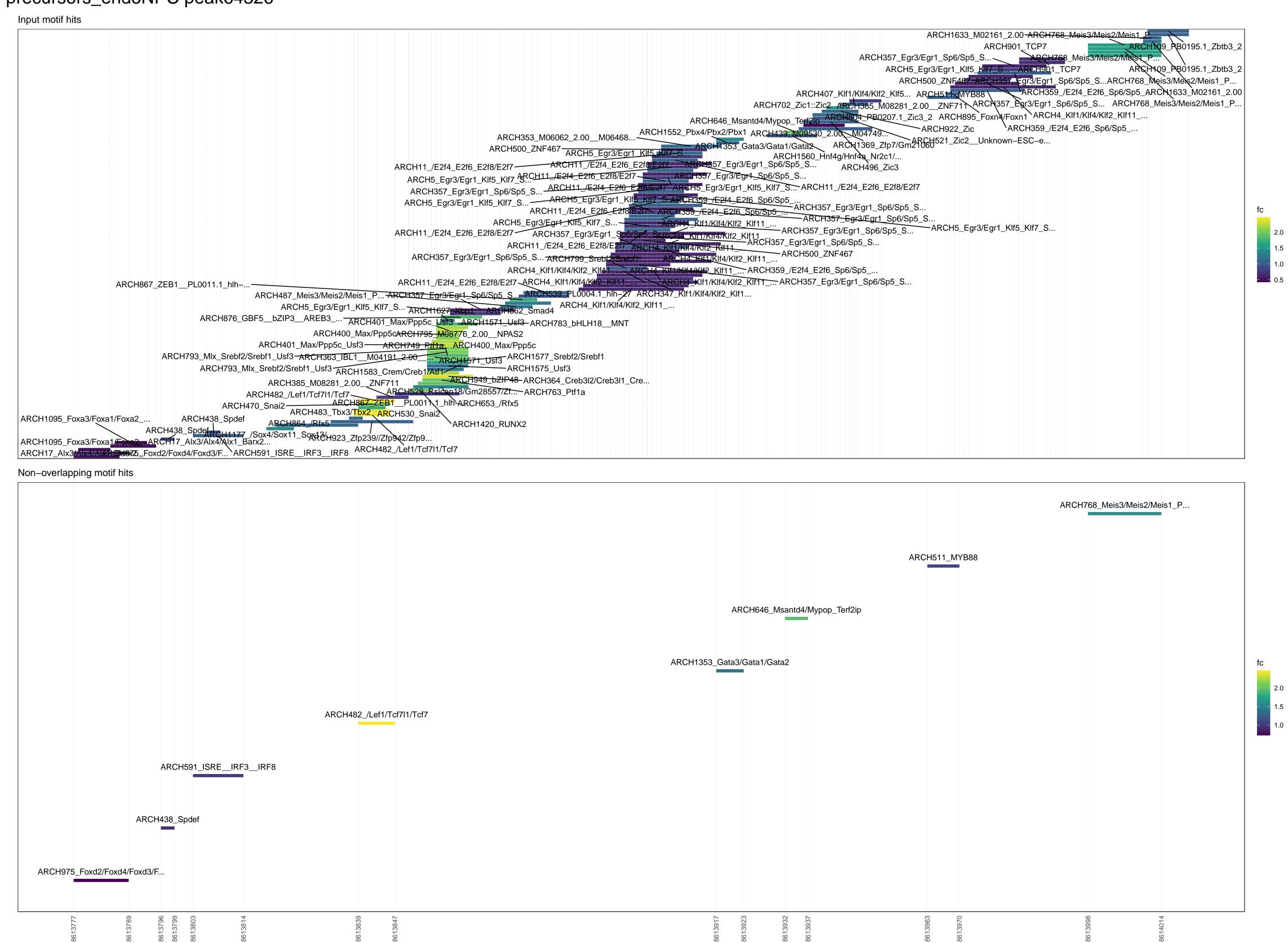
ARCH1043_ZNF652

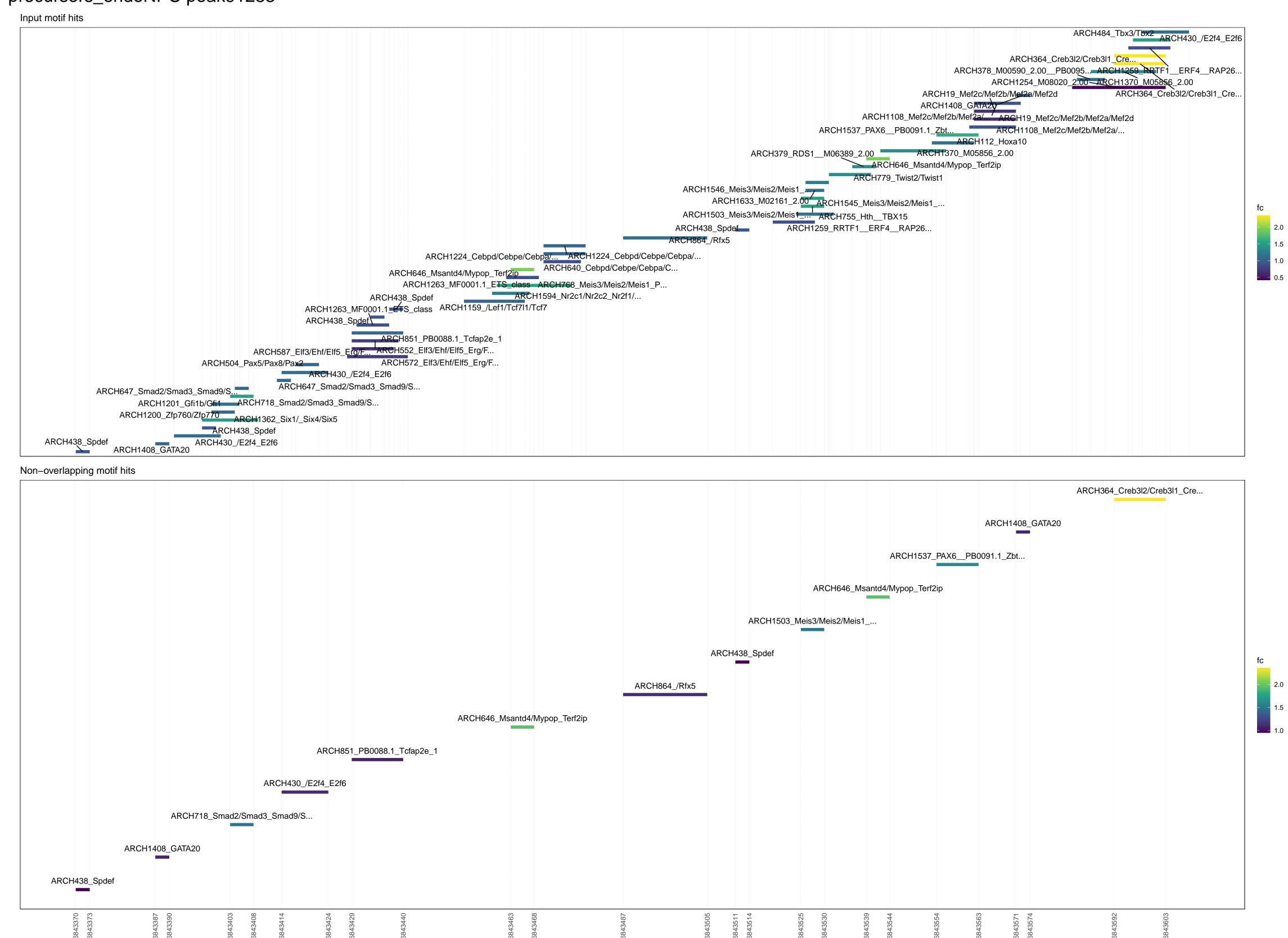
precursors_endoNPC peak31669 Input motif hits ARCH1537_PAX6__PB0091.1_Zbt... ARCH170_Nkx2-2/Nkx2-9 ARCH307_Isl1/Isl2_Noto ARCH167_Nanog ARCH483_Tbx3/Tbx2-ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH647_Smad2/Smad3_Smad9/S..._ARCH7520_Nkx2-2/Nkx2-9 ARCH299_Alx3/Alx4/Alx1_Barx._ ARCH162_Nkx3-2 ARCH183_Barx2/Barx1_Emx1/Em... ARCH438_Spdef ARCH1408_GATA20 ARCH1419_Sox21 ARCH1164_/Sox4/Sox11_Sox13/...___ARCH1415_/Sox4/Sox11_Sox13/... ARCH716_/Sox4/Sox11_Sox13/S... ARCH876_GBF5__bZIP3__AREB3_____ARCH1370_M05856_2.00 ARCH514_POL013.1_MED-1__M07... ARCH359_/E2f4_E2f6_Sp6/Sp5_... ARCH1546_Meis3/Meis2/Meis1_... ARCH129_PB0178.1_Sox8_2 ARCH1633_M02161_2.00 ARCH1504_Meis3/Meis2/Meis1_... ARCH52_Alx3/Alx4/Alx1_Barx2... ARCH128_PB0068.1_Sox1_1 ARCH1020_Alx3/Alx4/Alx1_Bar... ARCH768_Meis3/Meis2/Meis1_P... ARCH1162_/Sox4/Sox11_Sox13/... ARCH768_Meis3/Meis2/Meis1_P... ARCH1547_FOXB1 ARCH483_Tbx3/Tbx2 ARCH1609_Atf3/Jdp ARCH1628_Crebl2 ARCH1628_Crebl2 ARCH1064_M06023_2.00__M0284..._ARCH66_Barx2/Barx1_Dlx4/Dlx... ARCH1338_Barx2/Barx1_Dlx4/D____ARCH1054_POU3F1 ARCH1408_GATA20 ARCH438_Spdef ARCH669_TCP17 ARCH1370_M05856_2.00 ARCH804_PB0207.1_Zic3_2 ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6 ARCH1633_M02161_2.00 ARCH523_Yy1 ARCH438_Spdef ARCH1286_Elf3/Ehf/Elf5_Etv6 ARCH587_Elf3/Ehf/Elf5_Erg/F.. ARCH243_Alx3/Alx4/Alx1_Hlx_.. ARCH572_Elf3/Ehf/Elf5_Erg/F... -ARCH33_Hoxa1/Hoxb1/Hoxd1 ARCH647_Smad2/Smad3_Smad9/S... Non-overlapping motif hits ARCH307_Isl1/Isl2_Noto ARCH647_Smad2/Smad3_Smad9/S... ARCH88_Isl1

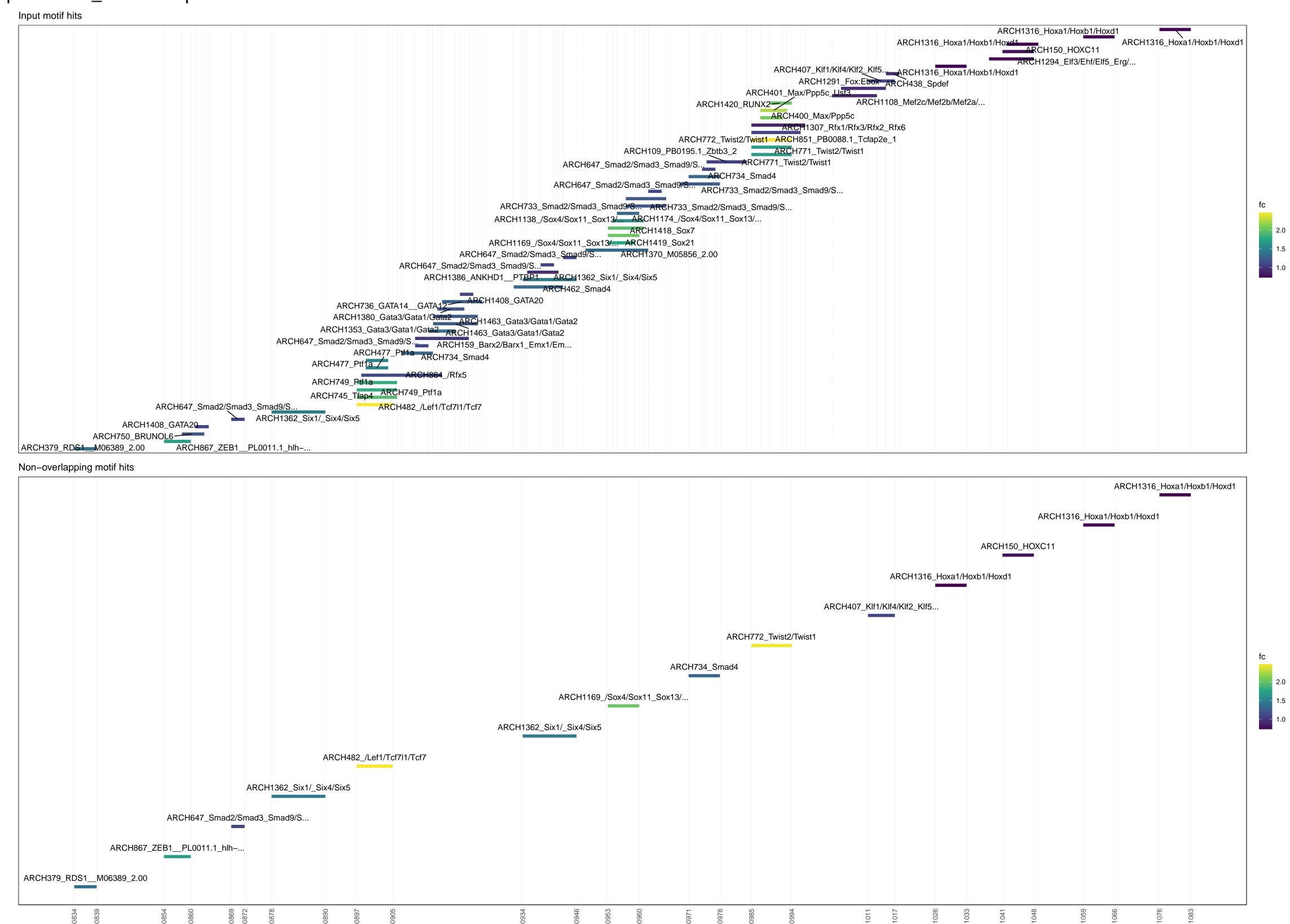
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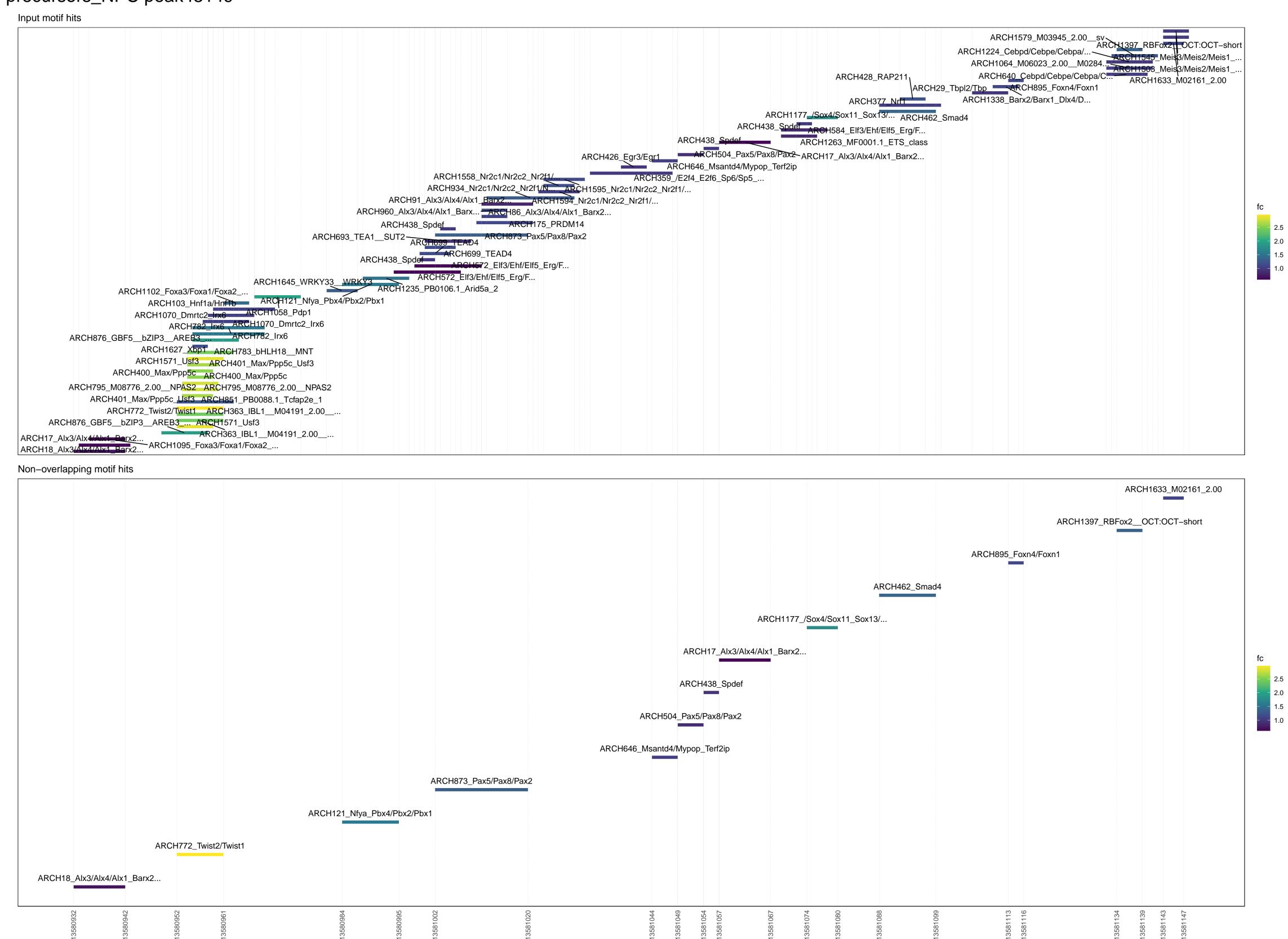
1.0







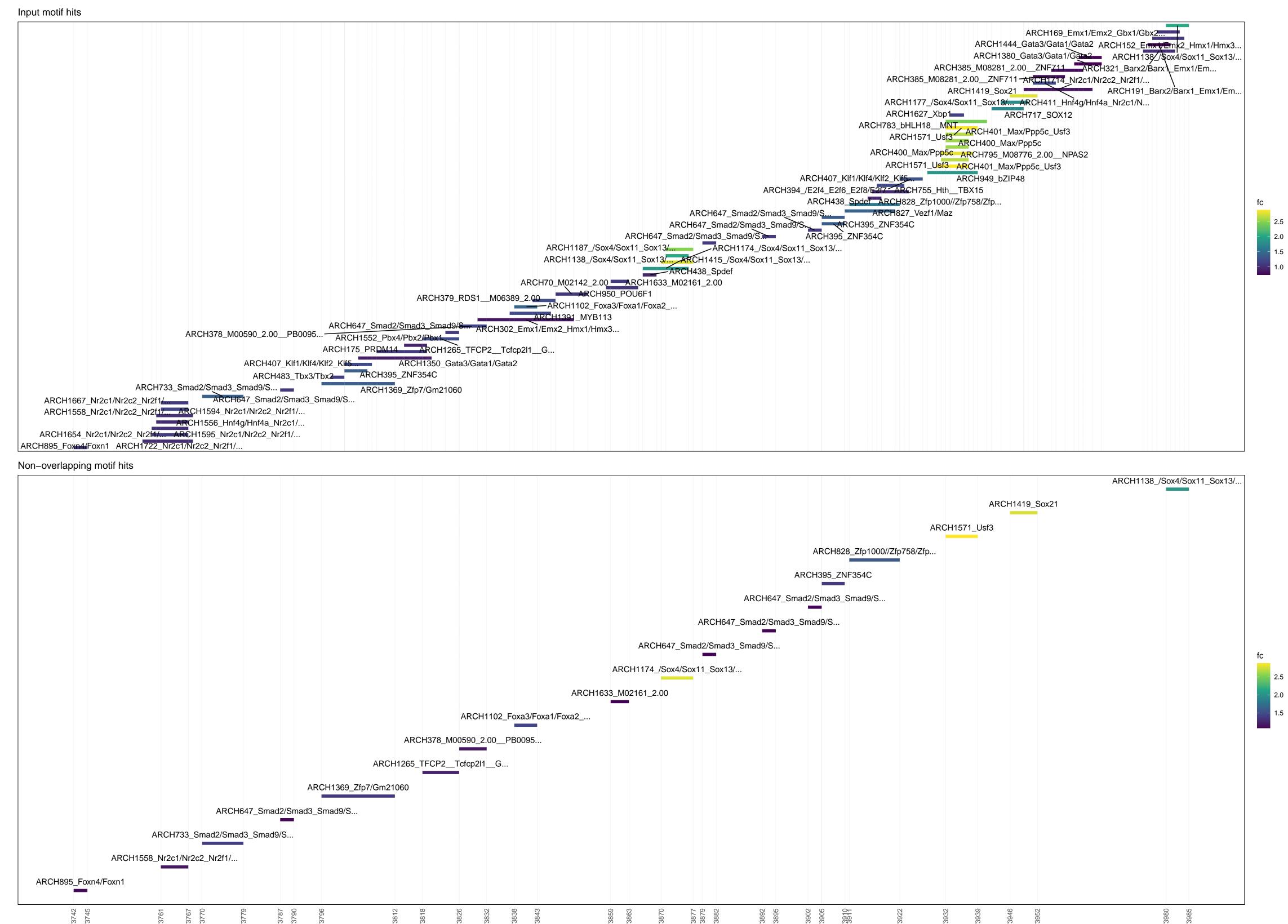




genomic position

2.0

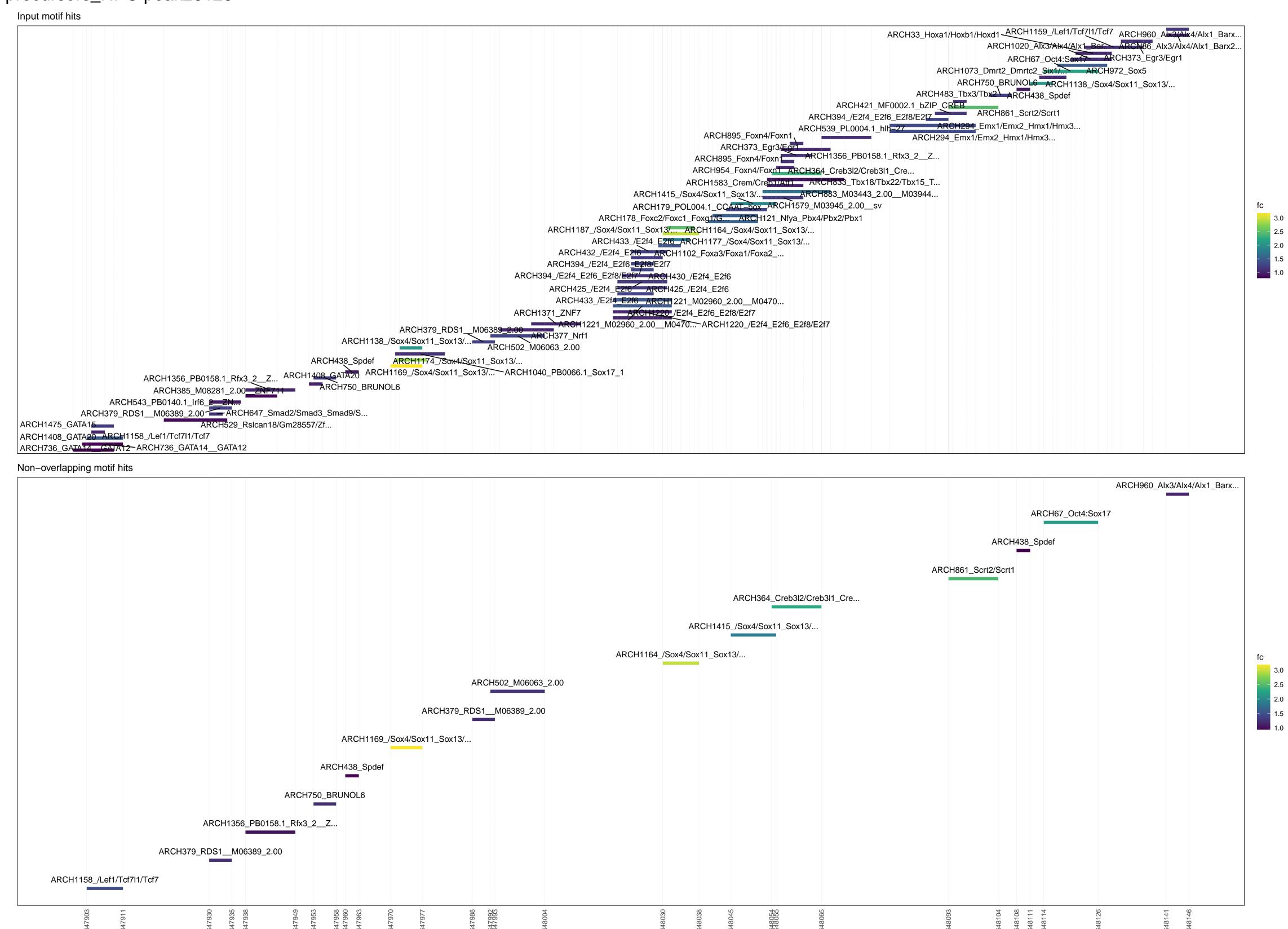
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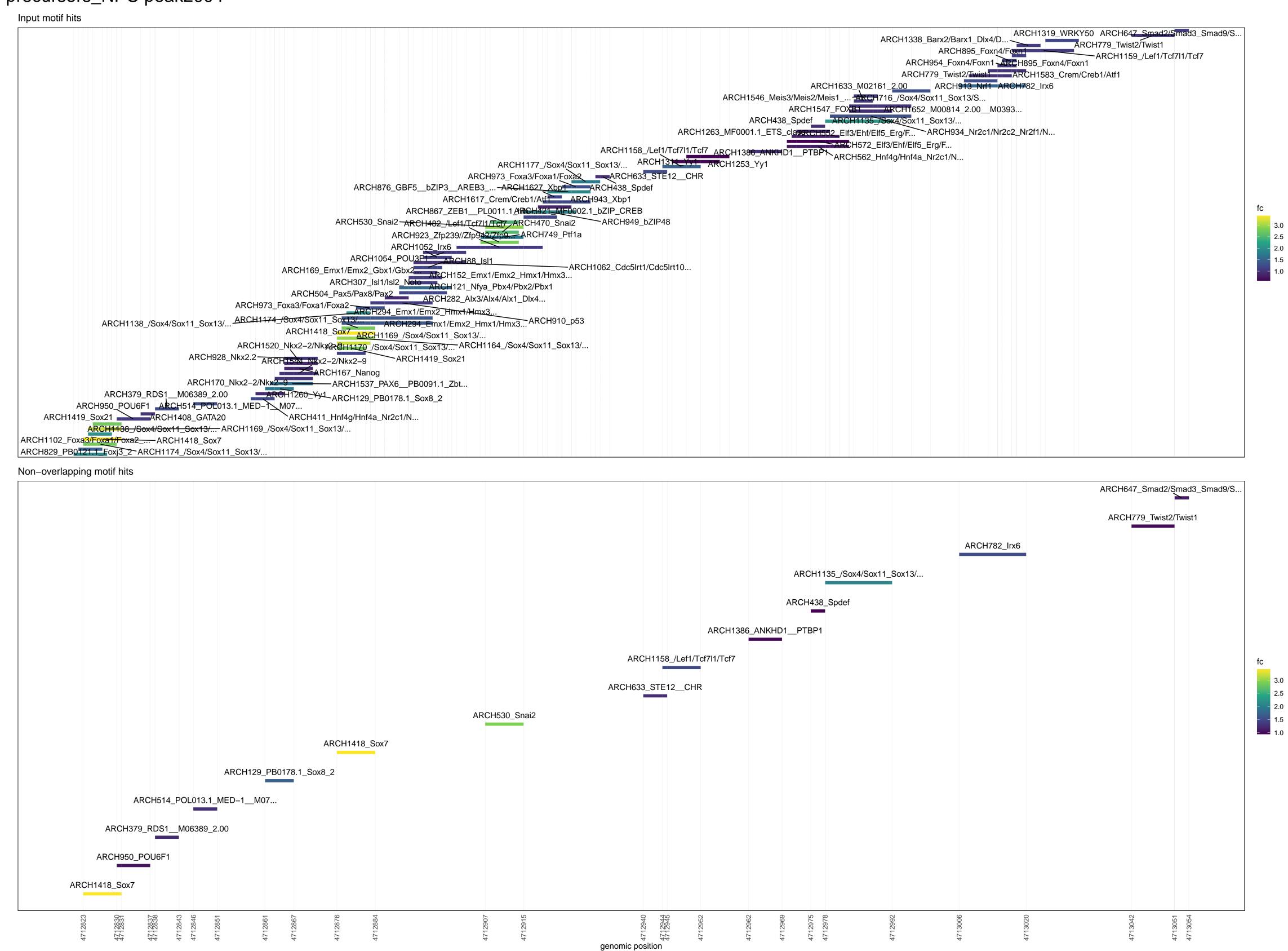


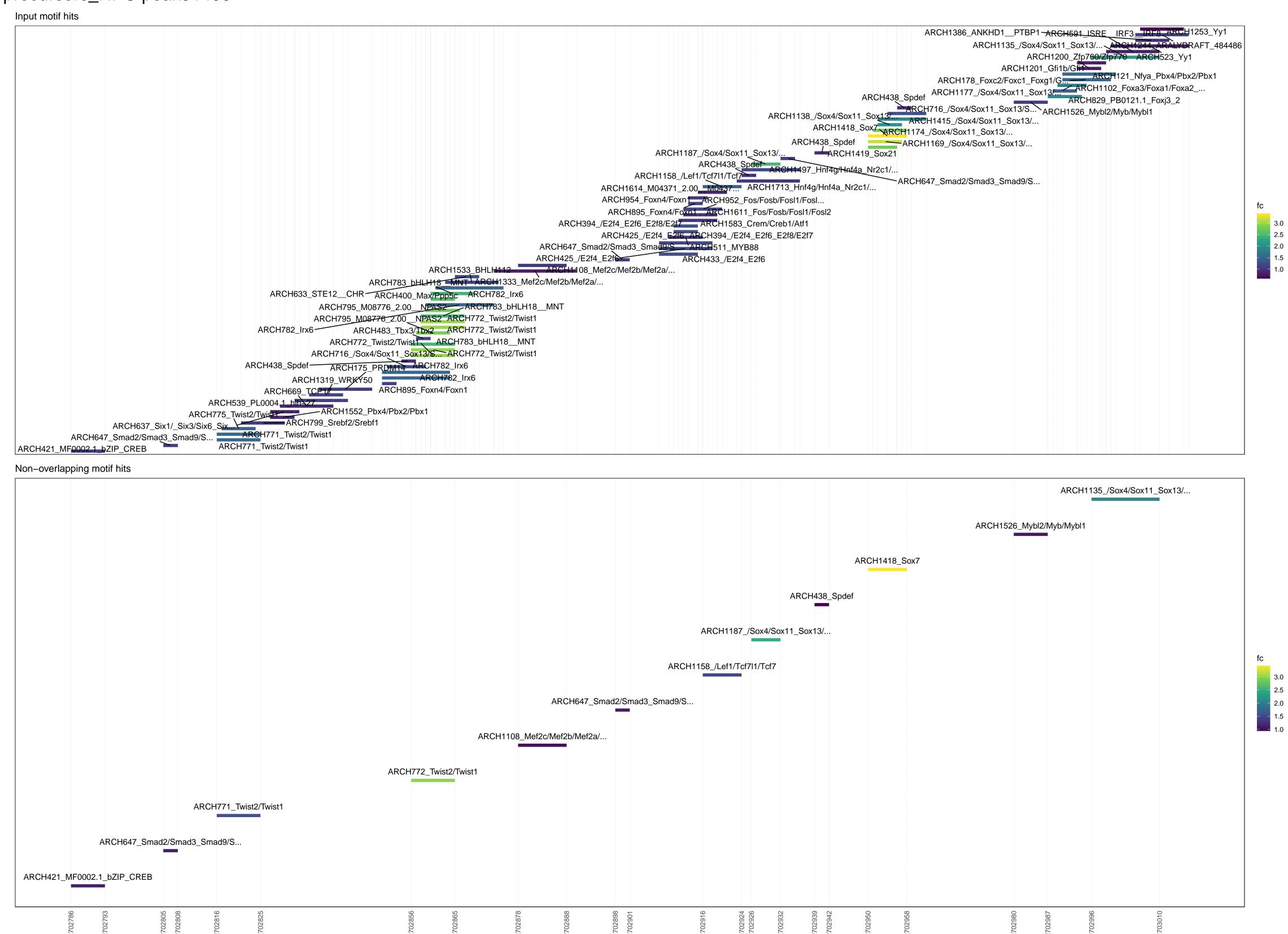
precursors_NPC peak46547 Input motif hits ARCH1397_RBFox2__OCT:OCT-short ARCH795_M08776_2.00__NPAS2_ARCH1294_Elf3/Ehf/Elf5_Erg/.. ARCH895_Foxn4/Foxn1 ARCH783_bHLH18__MNT ARCH539_PL0004.1_hlh_27 ARCH782_lrx6 ARCH1614_M04371_2.00__M043<mark>7...__ARCH</mark>1356_PB0158.1_Rfx3_2__Z... ARCH159_Barx2/Barx1_Emx1/Em.._ARCH895_Foxn4/Foxn1 ARCH633_STE12_CHR ARCH782_Irx6 ARCH487_Meis3/Meis2/Meis1_P... ARCH971_Foxc2/Foxc1_Foxd2/F... ARCH1017_Foxa3/Foxa1/Foxa2_____ARCH1016_Foxa3/Foxa1/Foxa2_... ARCH963_Foxc2/Foxc1_Foxd2/F... ARCH1018_Foxc2/Foxc1_Foxd2/... ARCH1408_GATA20____ARCH1638_GATA9 ARCH782_Irx6 ARCH387_TFAP2E ARCH895_Foxn4/Foxn1 ARCH411_Hnf4g/Hnf4a_Nr2c1/N... 2.5 ARCH511_MYB88 ARCH387_TFAP2E 2.0 ARCH895_Foxn4/Foxn1 1.5 ARCH335_Alx3/Alx4/Alx1_Barx...ARCH281 ARCH197_Alx3/Alx4/Alx1_Barx... ARCH197_Alx3/Alx4/Alx1_Barx.... ARCH273_HOXD3 ARCH287_Alx3/Alx4/Alx1_Barx... ARCH33_Hoxa1/Hoxb1/Hoxd1 ARCH59_Alx3/Alx4/Alx1_Barx2... ARCH1552_Pbx4/Pbx2/Pbx1 ARCH13_Arid2_Arid3c/Arid3a/... ARCH64_Arid2_Arid3c/Arid3a/... ARCH374_M03912_2.00__ZC3H10_ ARCH1091_Nr2c1/Nr2c2_Nr2f1/... **ARCH1475_GATA15** ARCH1408_GATA20 ARCH647_Smad2/Smad3_Smad9/S... ARCH697_Six1/_Six4/Six5 ARCH1546_Meis3/Meis2/Meis1_... ARCH1633_M02161_2.00 ARCH1652_M00814_2.00__M0393... ARCH1547_FOXB1 RCH1513_SKO1__ETV1__Ets1-d... ARCH1631_WRKY40__PH0140.1_P..._ARCH653_/Rfx5 ARCH1142_Foxh1 Non-overlapping motif hits ARCH795_M08776_2.00__NPAS2 ARCH633_STE12__CHR ARCH487_Meis3/Meis2/Meis1_P... ARCH968_Foxa3/Foxa1/Foxa2_F... ARCH782_Irx6 ARCH411_Hnf4g/Hnf4a_Nr2c1/N... 2.5 ARCH287_Alx3/Alx4/Alx1_Barx... 2.0 1.5 ARCH1091_Nr2c1/Nr2c2_Nr2f1/... ARCH374_M03912_2.00__ZC3H10 ARCH1475_GATA15 ARCH697_Six1/_Six4/Six5 ARCH653_/Rfx5 ARCH1142_Foxh1

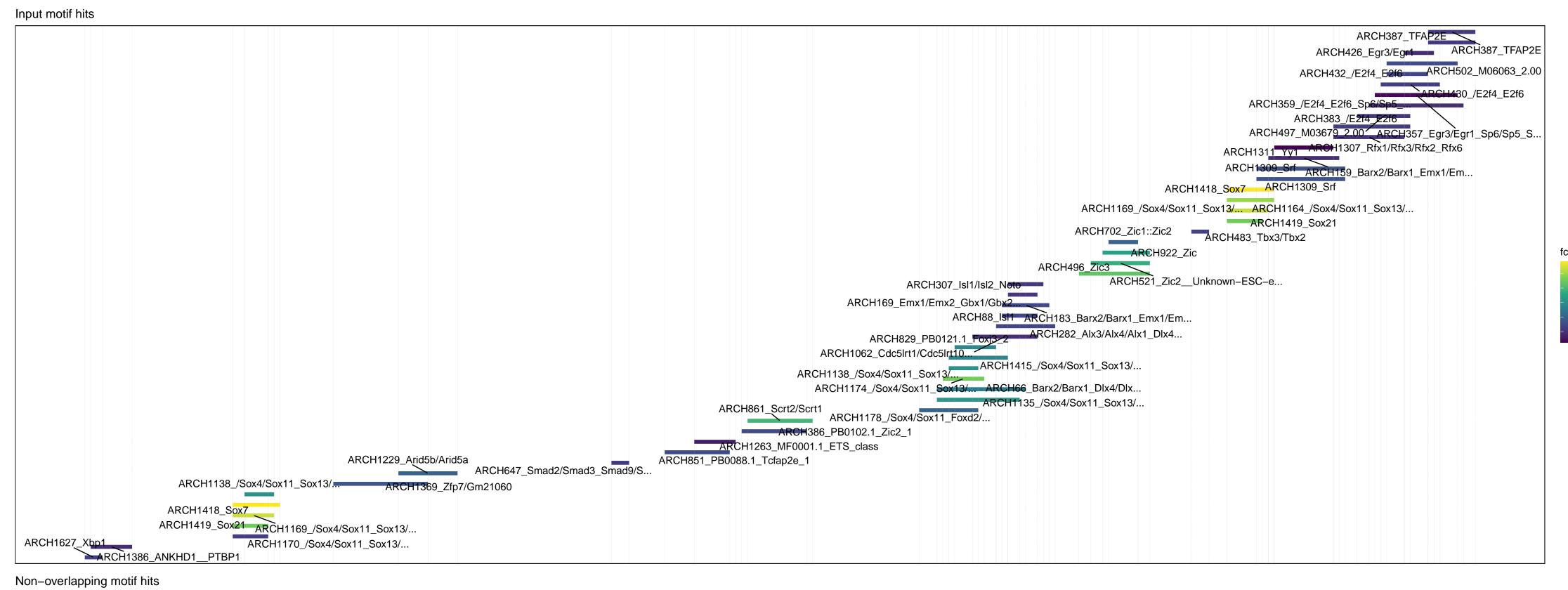
genomic position

1.0







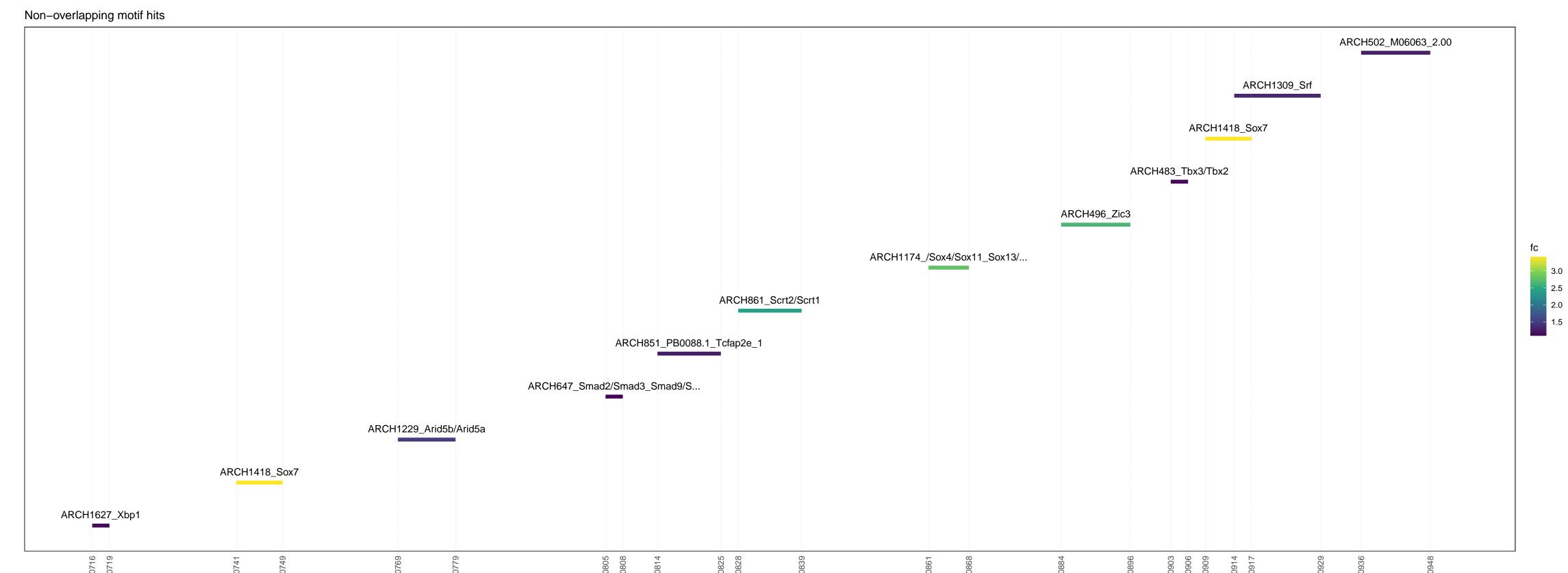


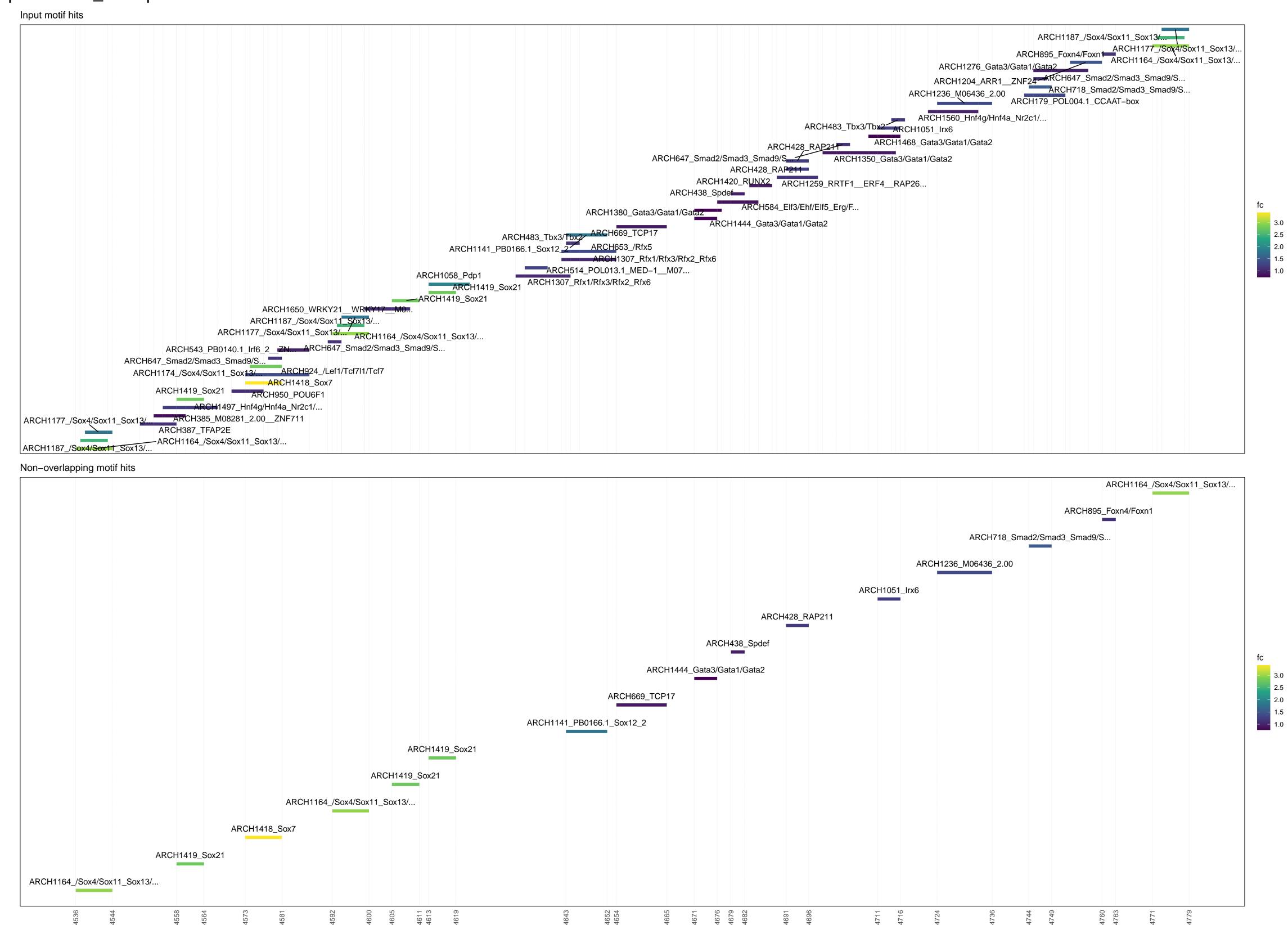
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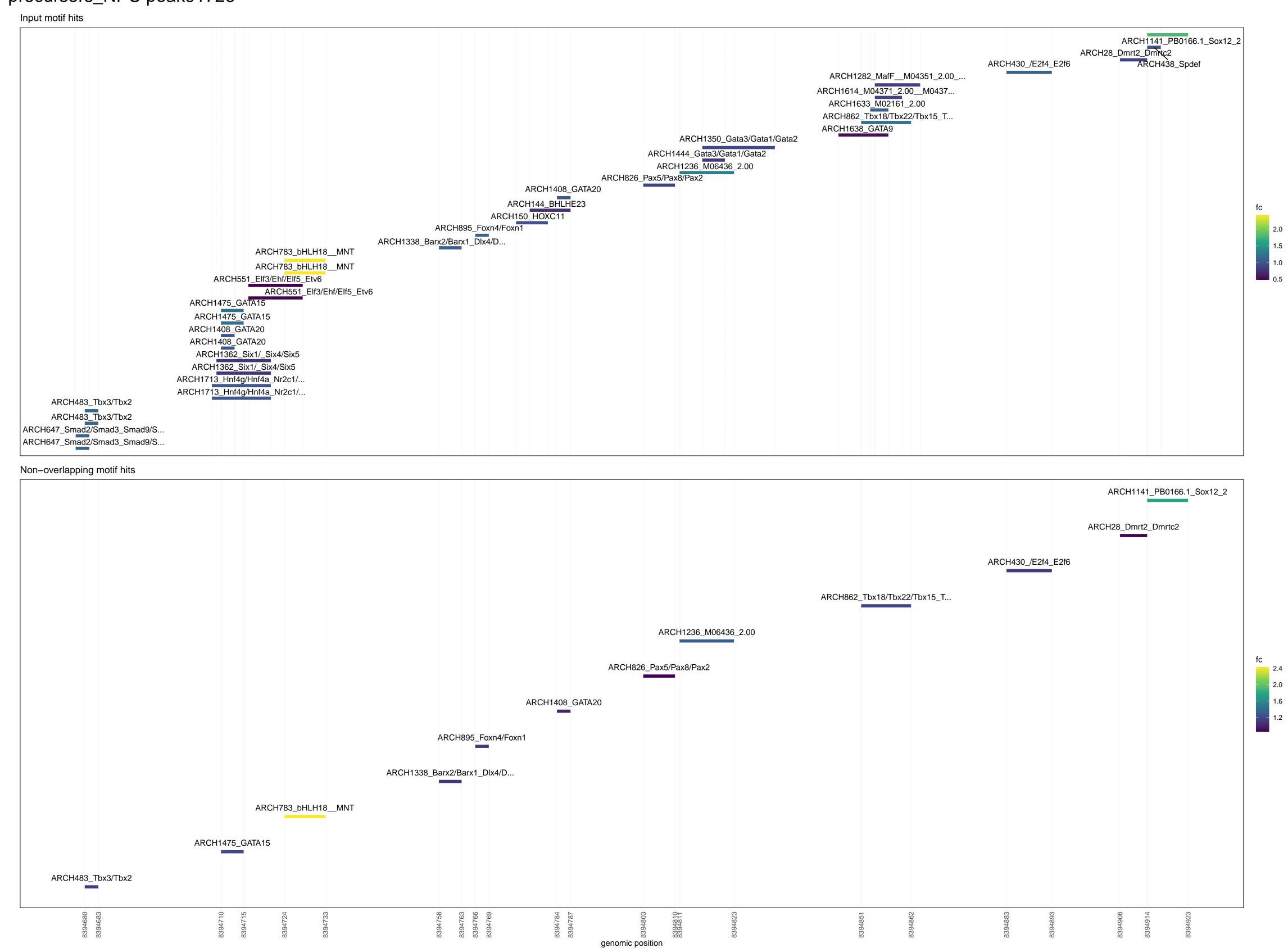
2.5 2.0

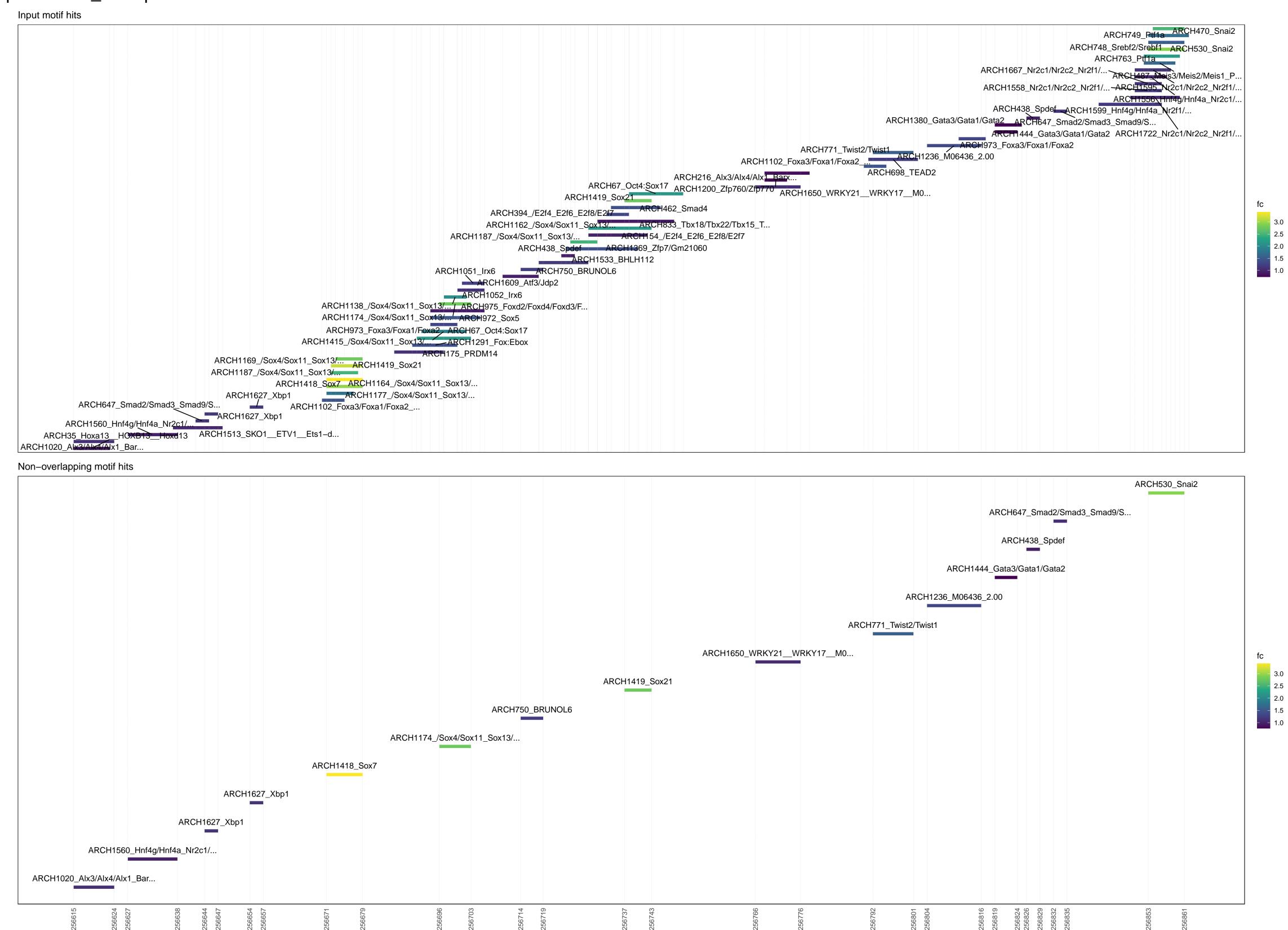
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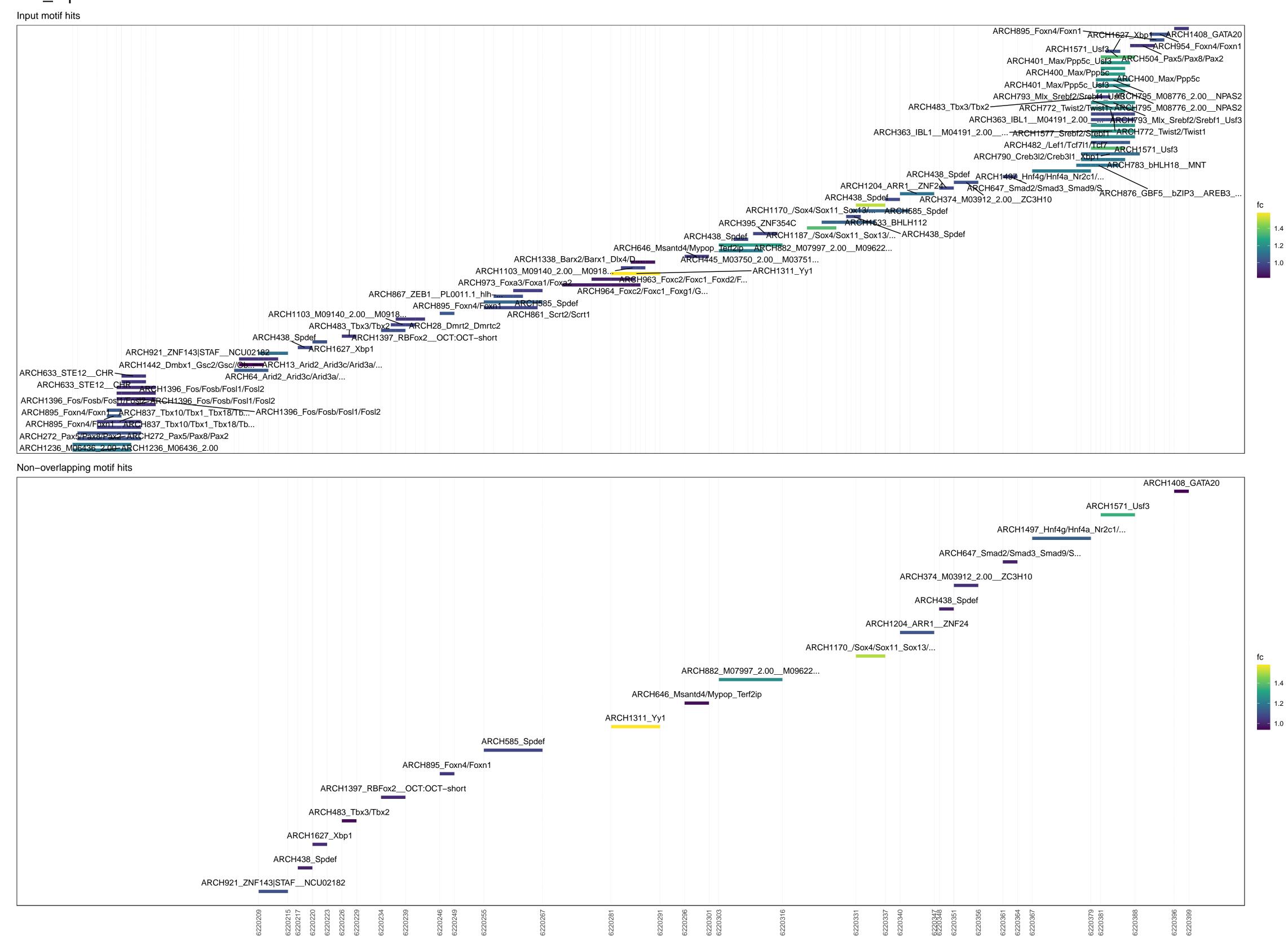
1.5

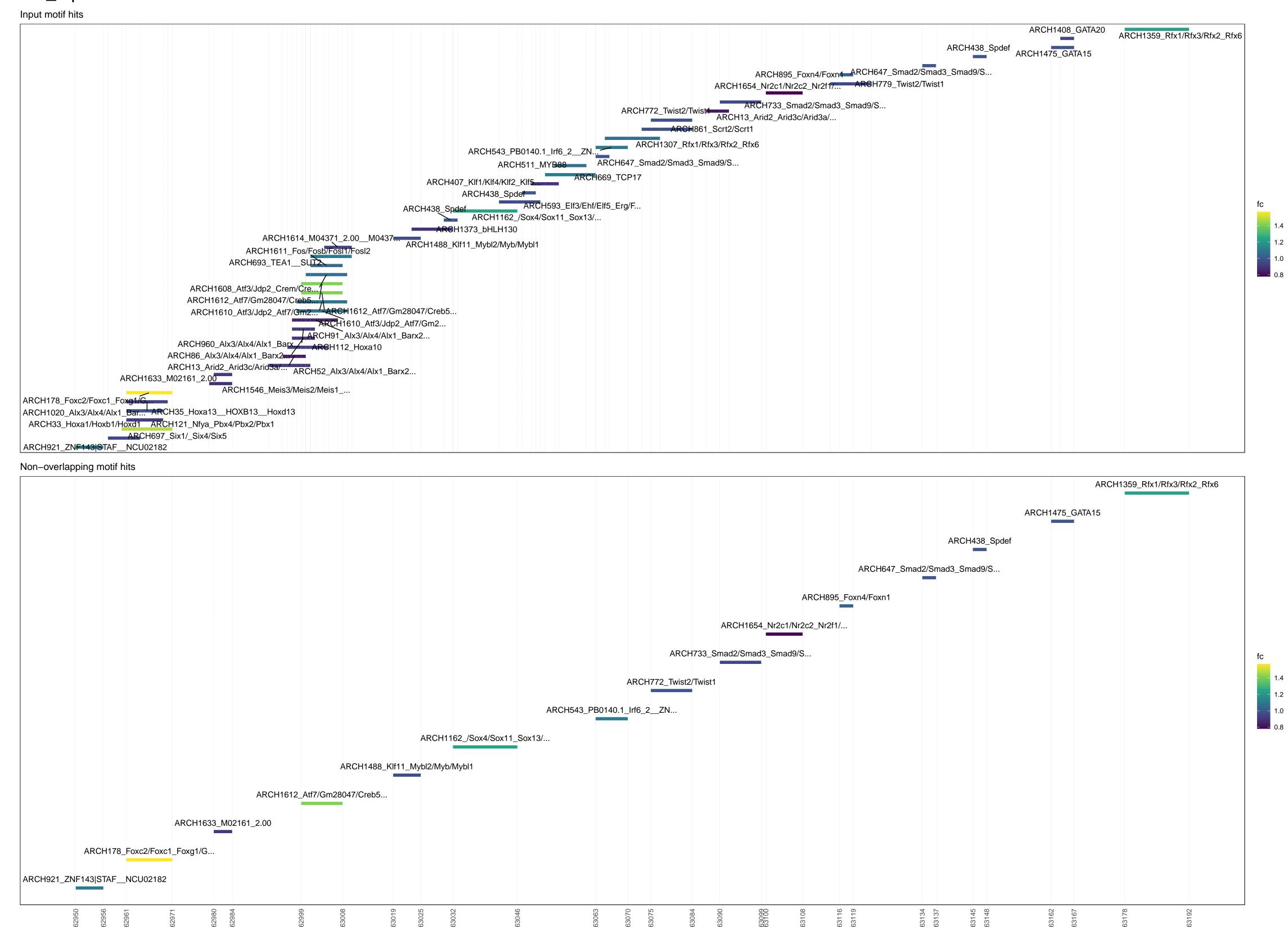


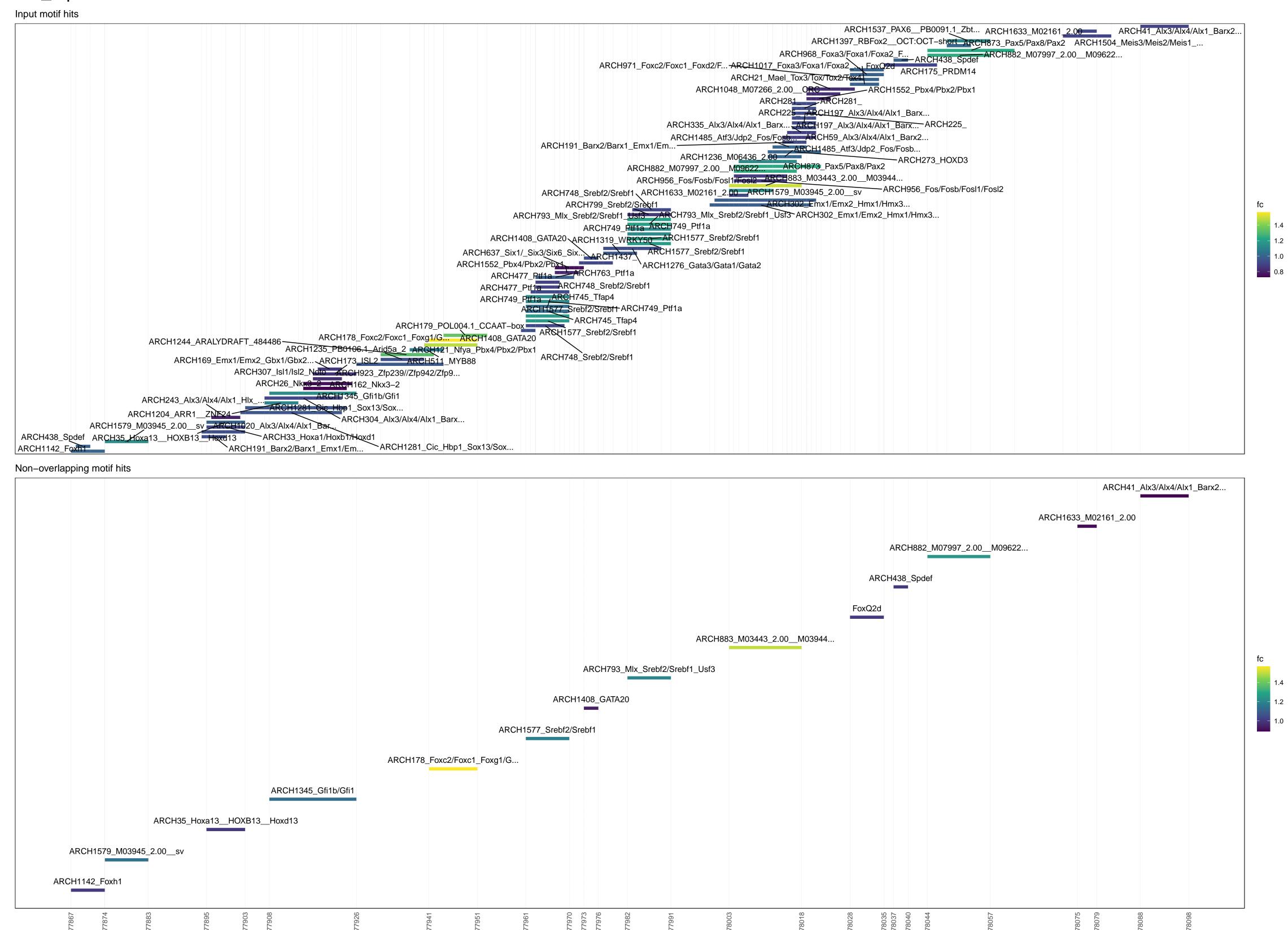


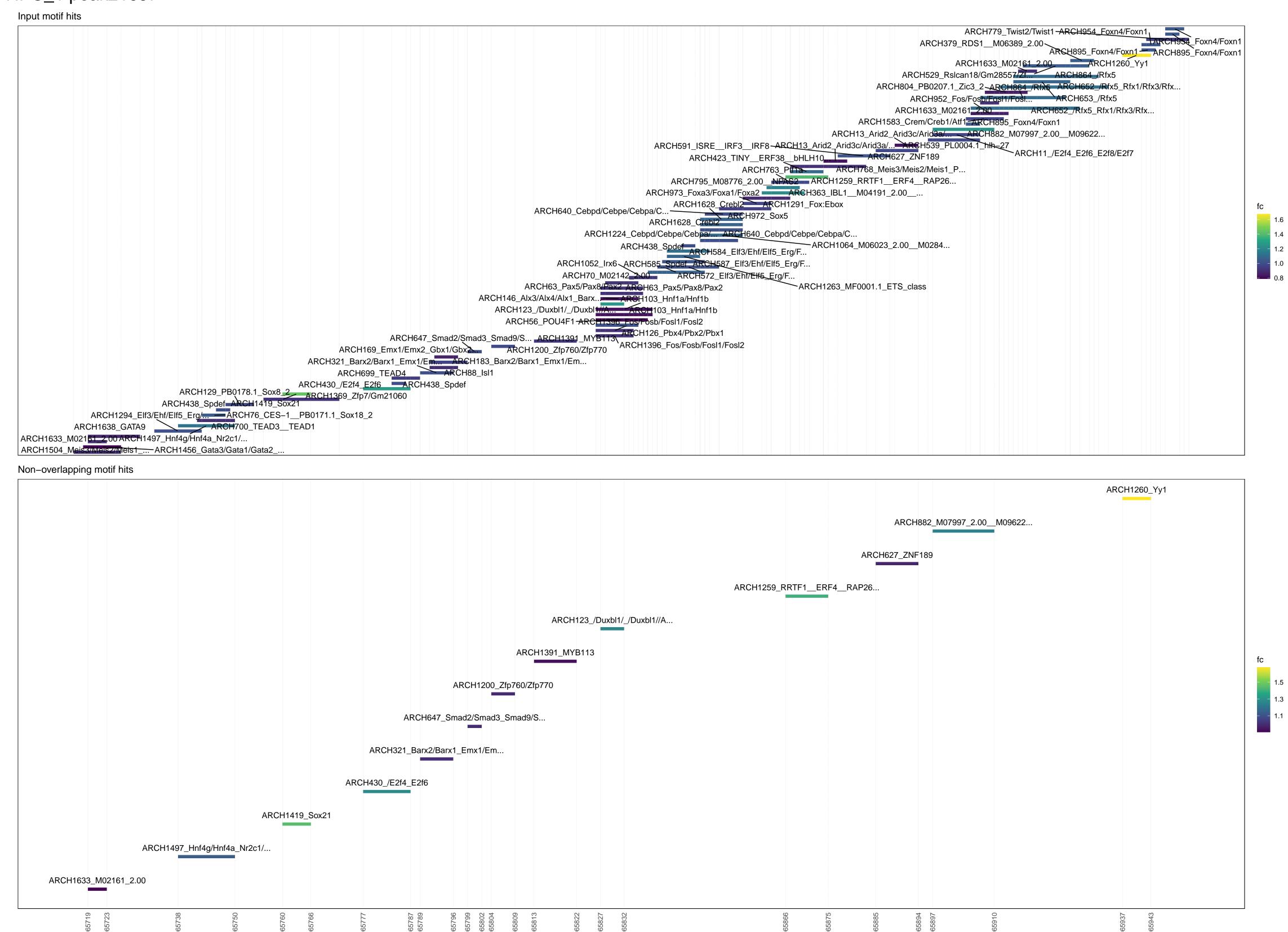


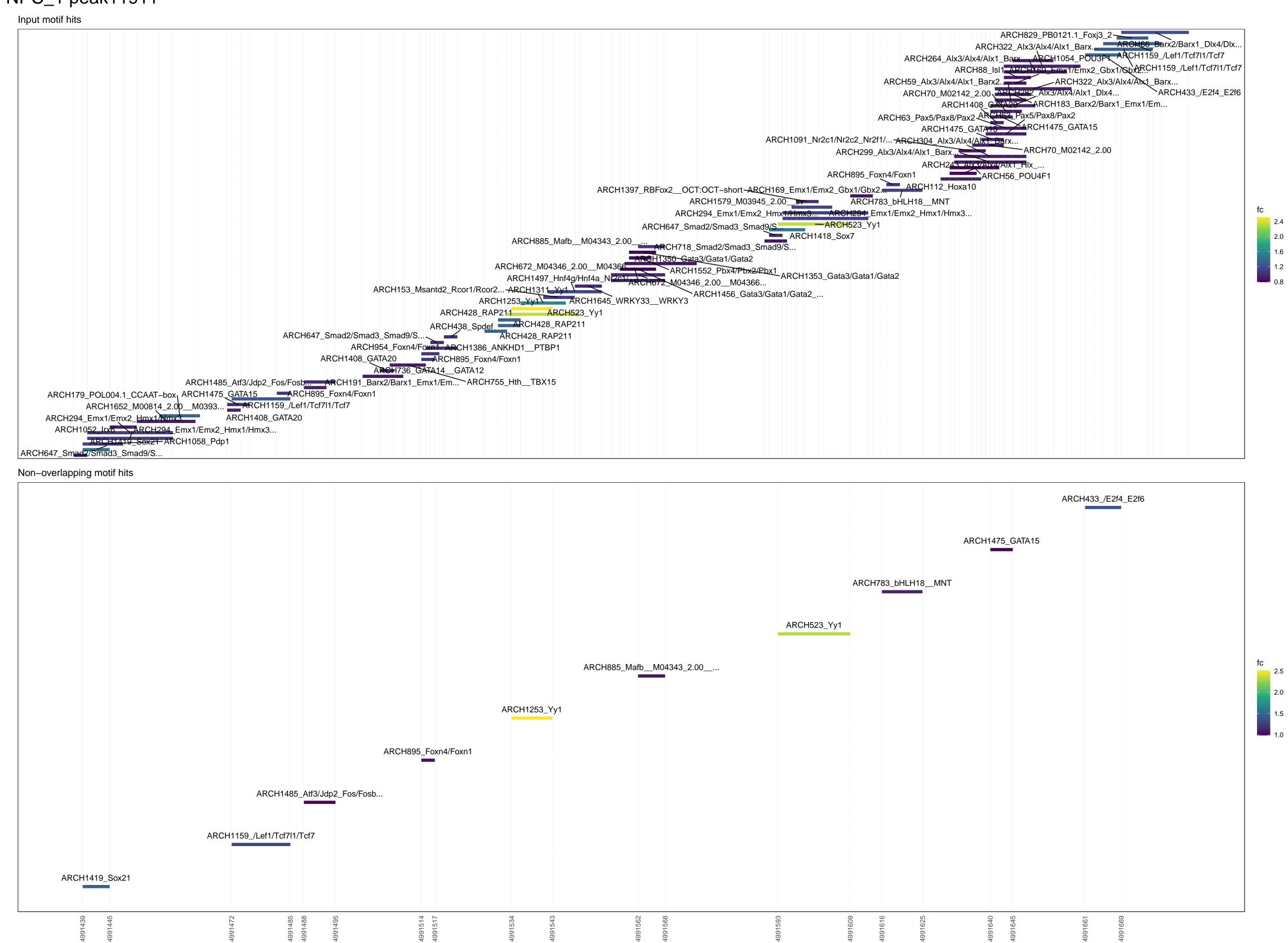


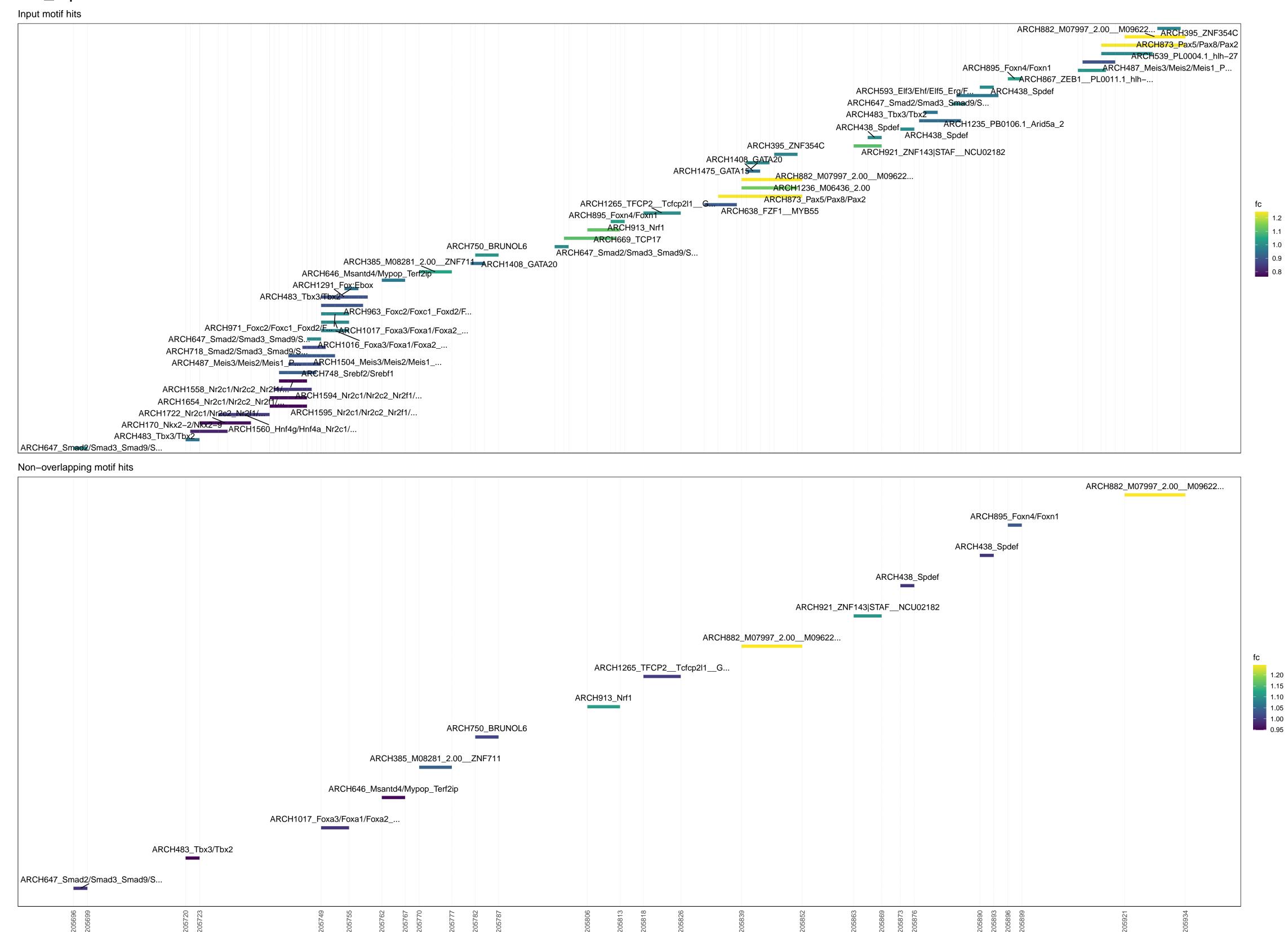


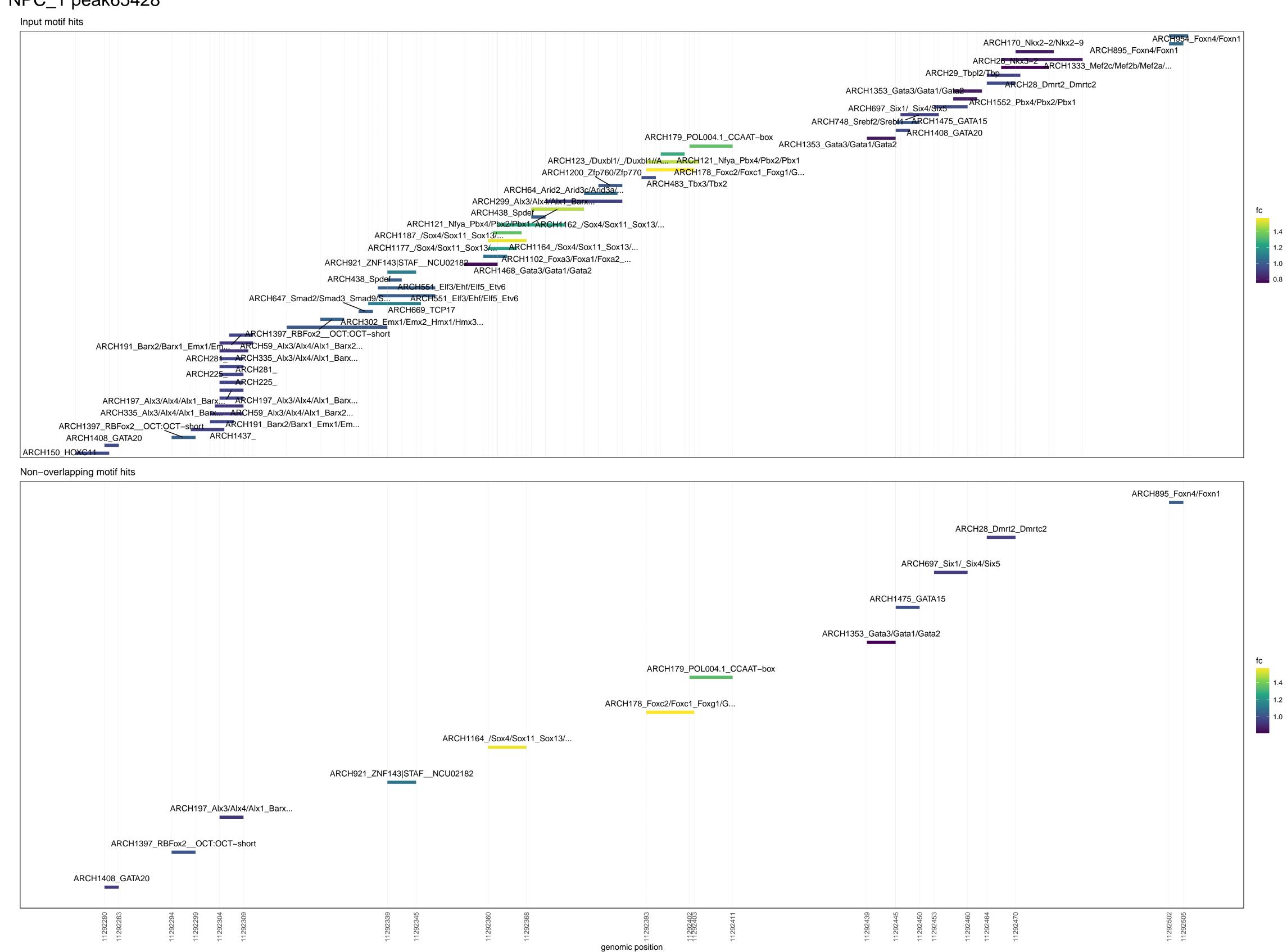


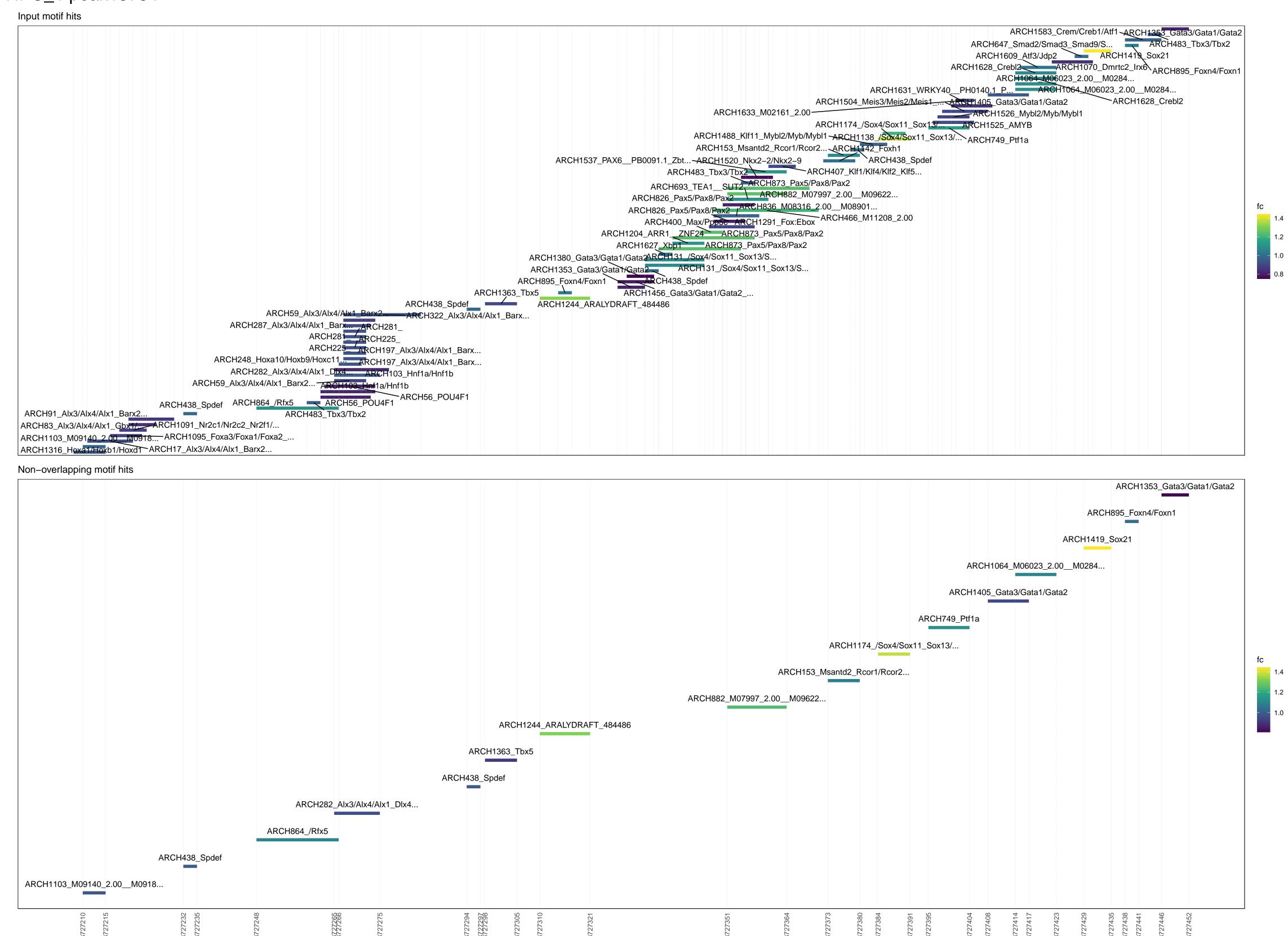


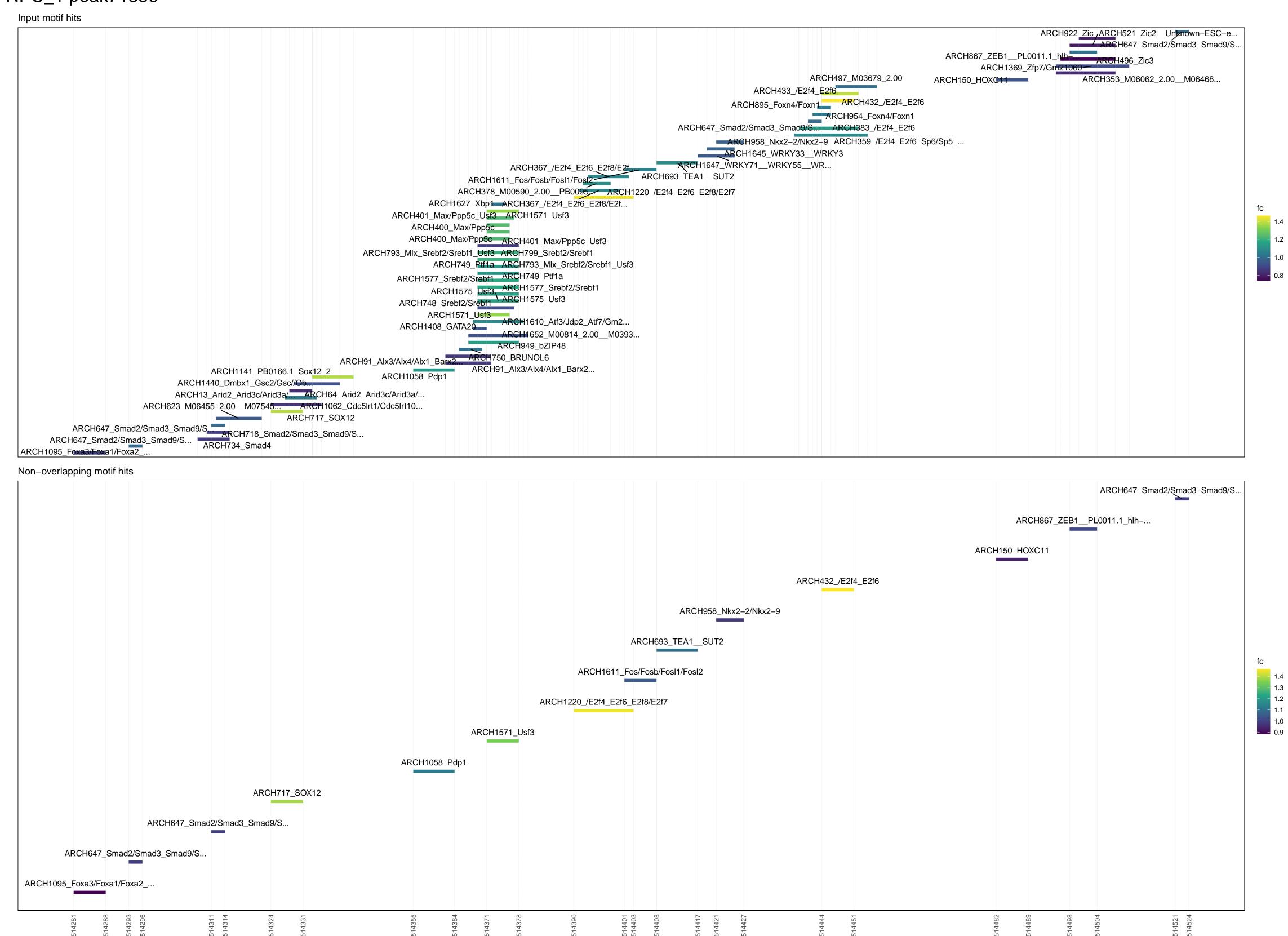


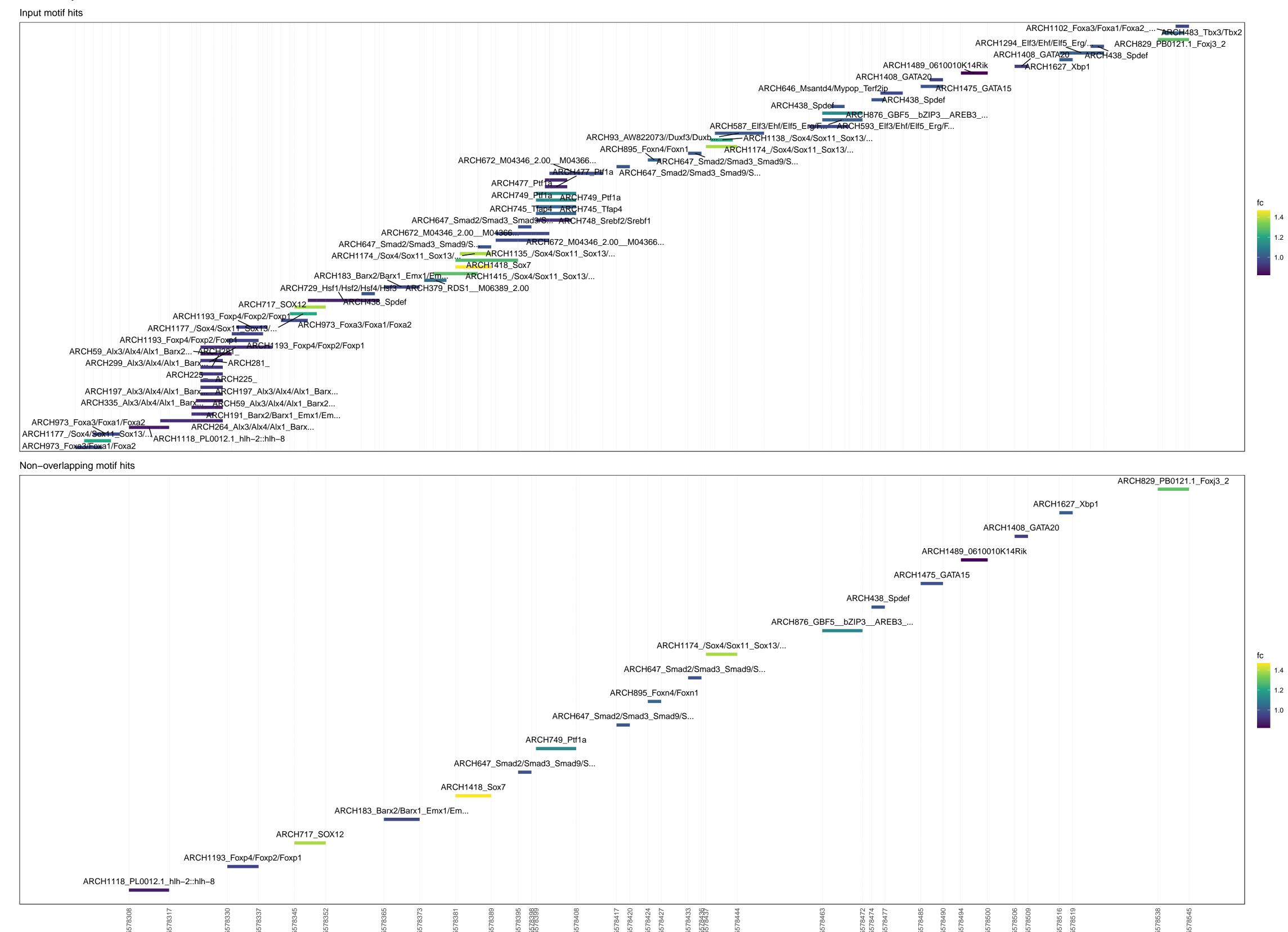


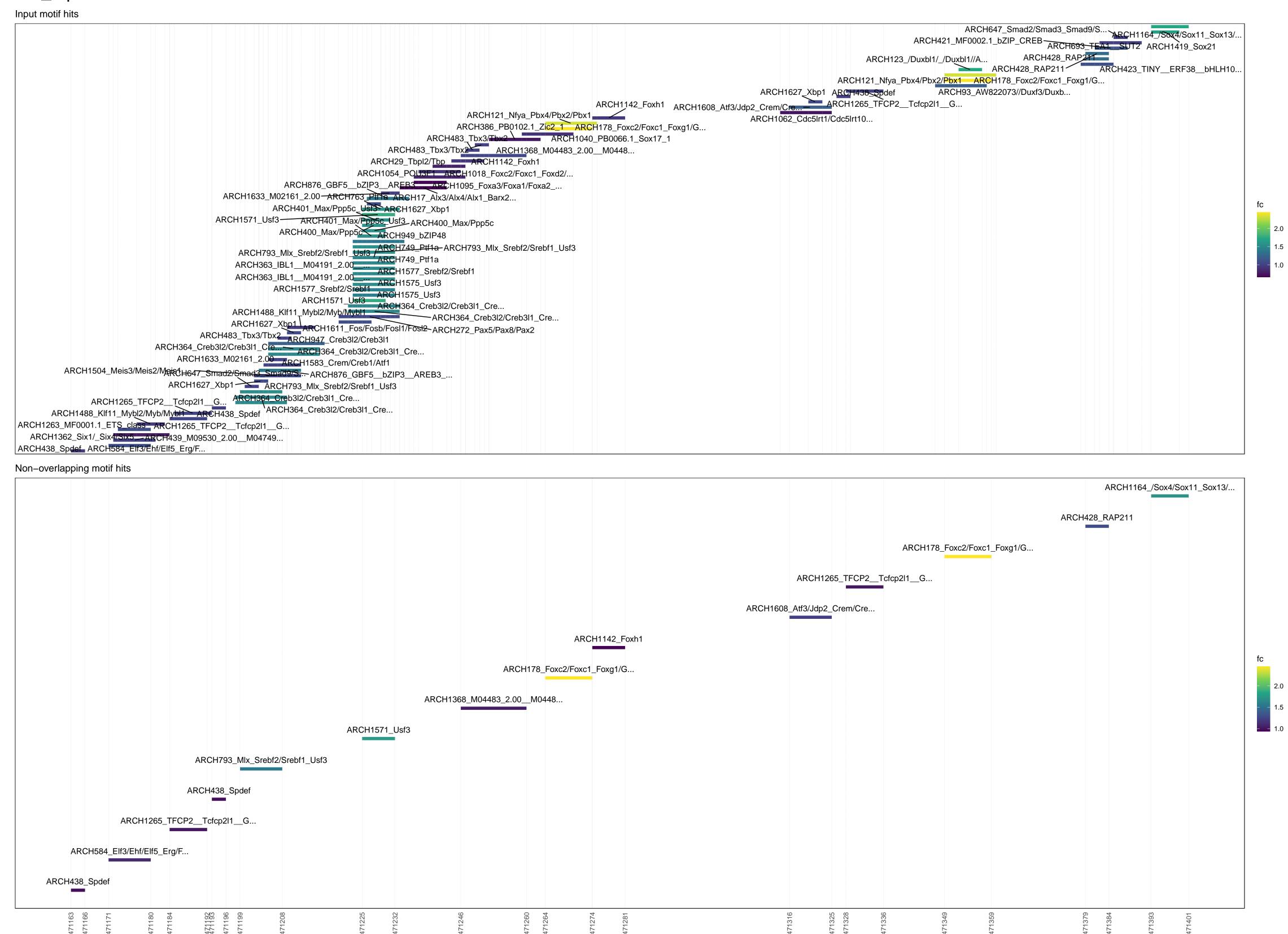


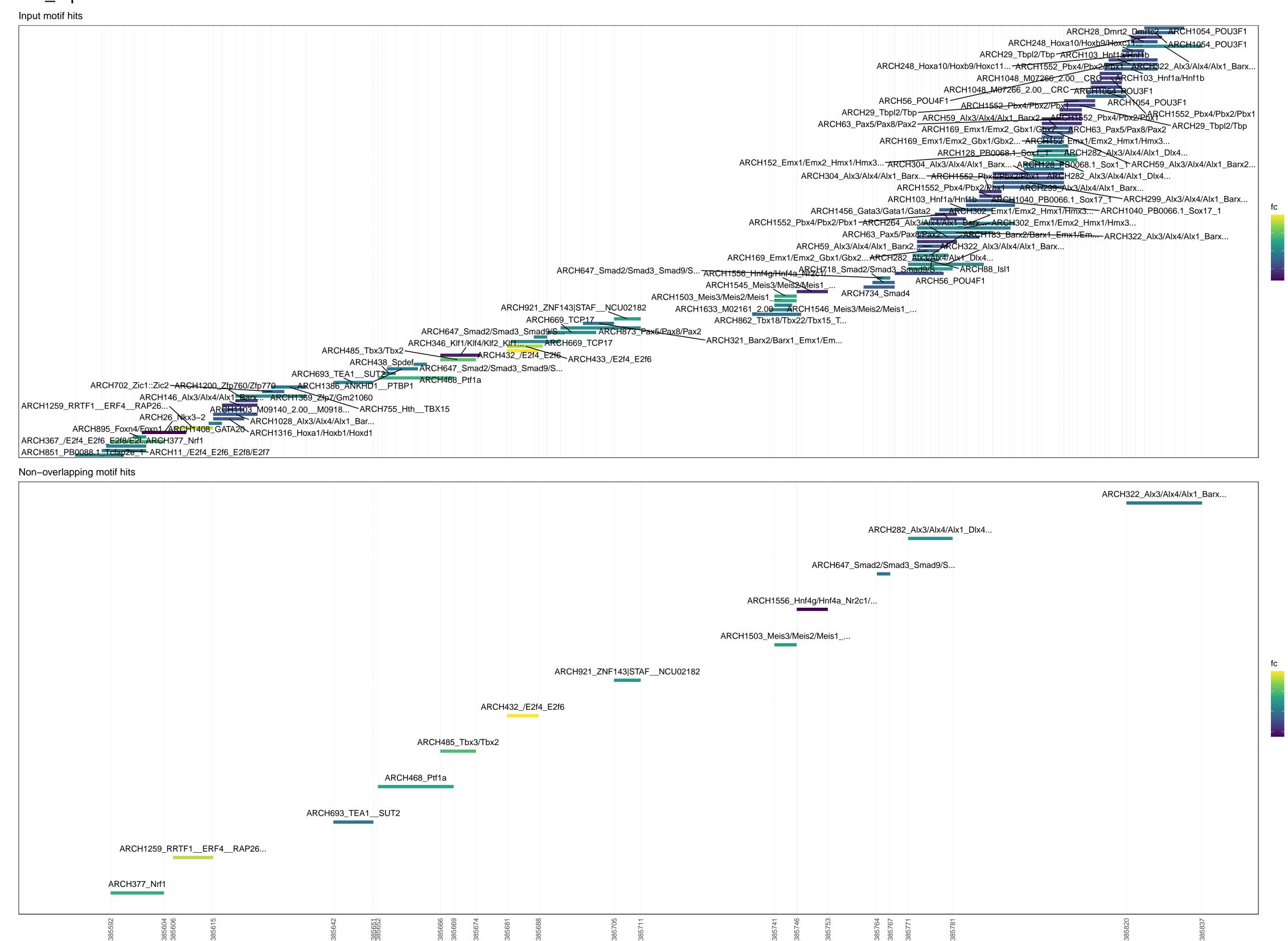


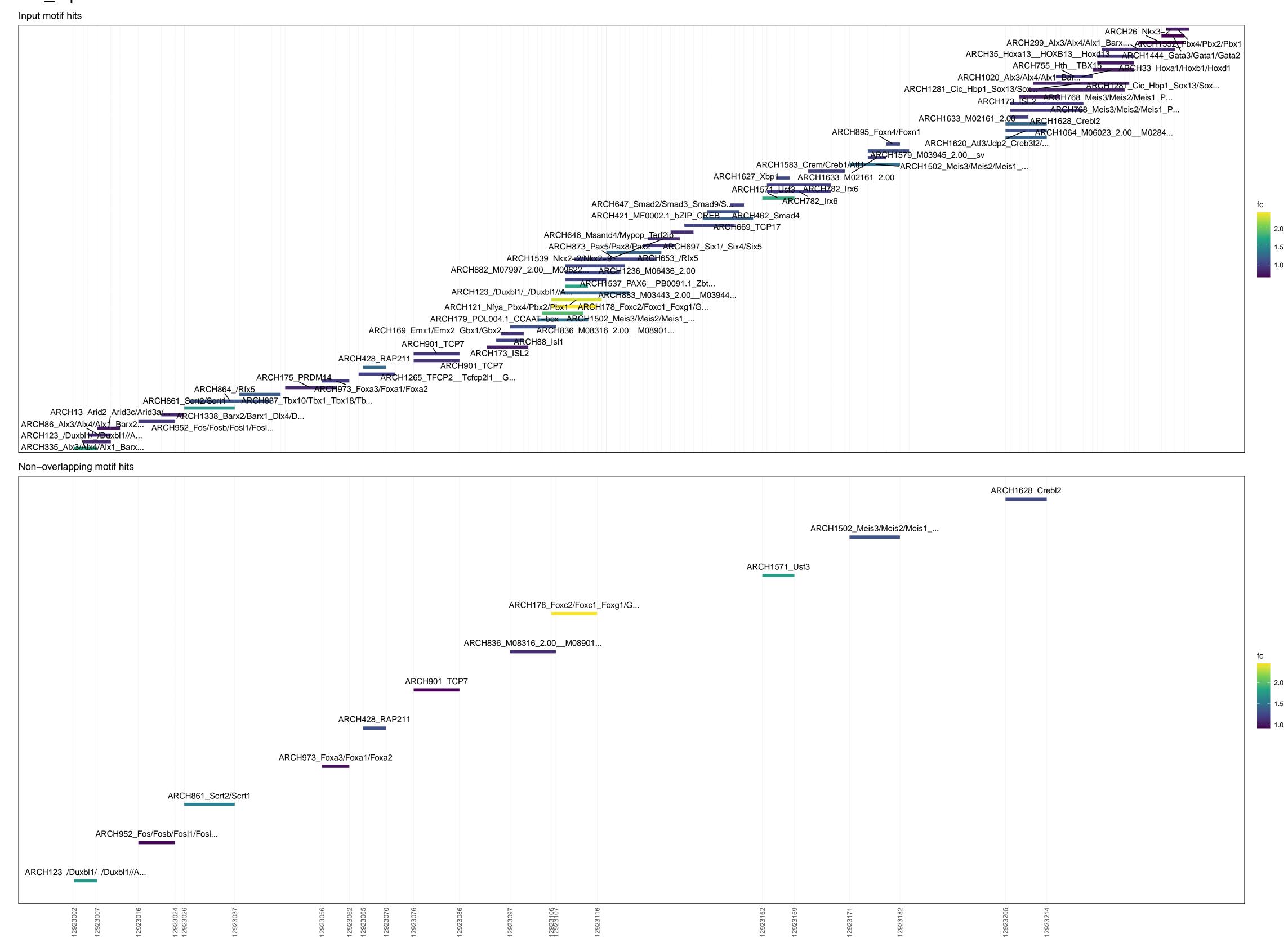


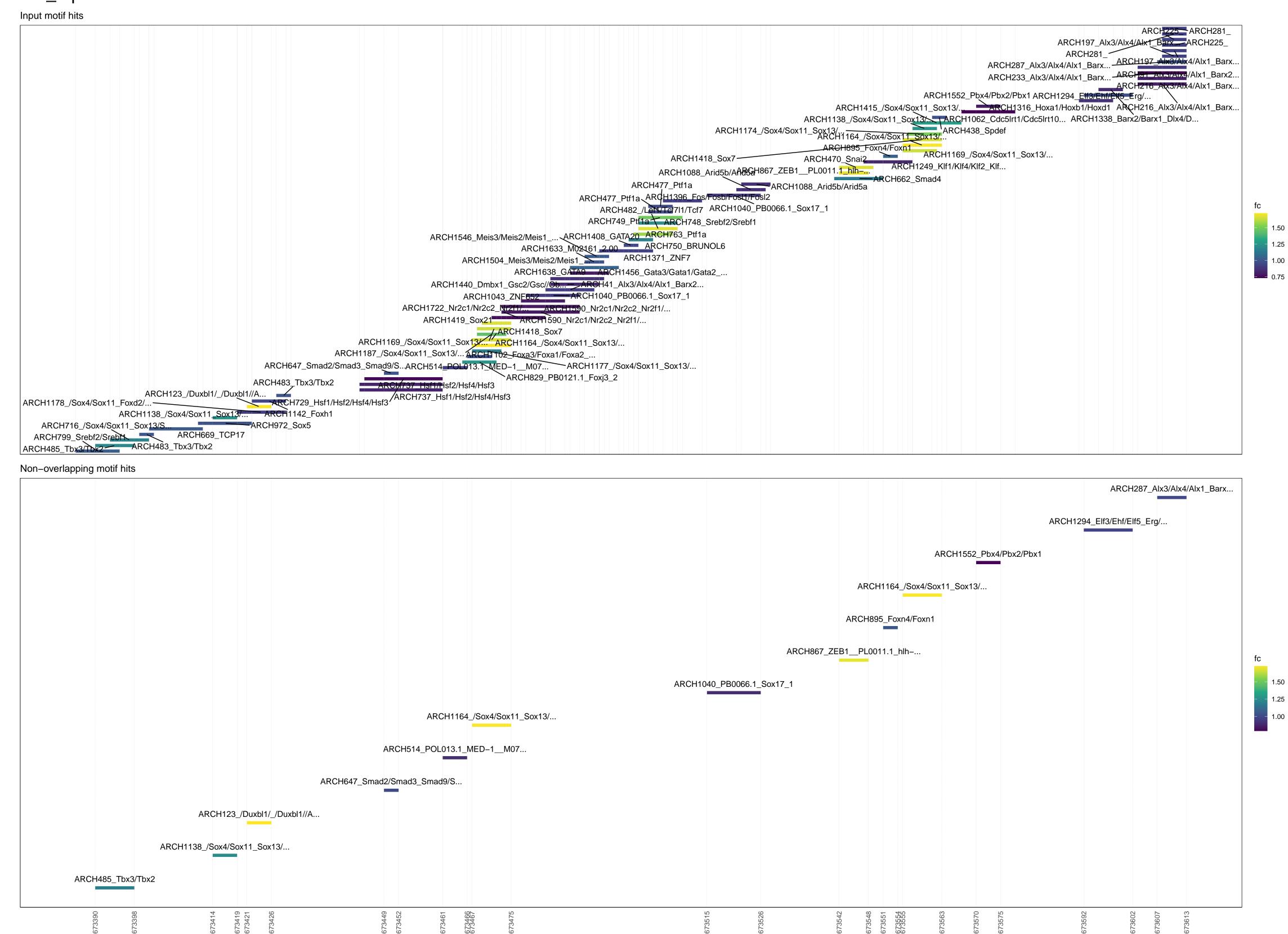


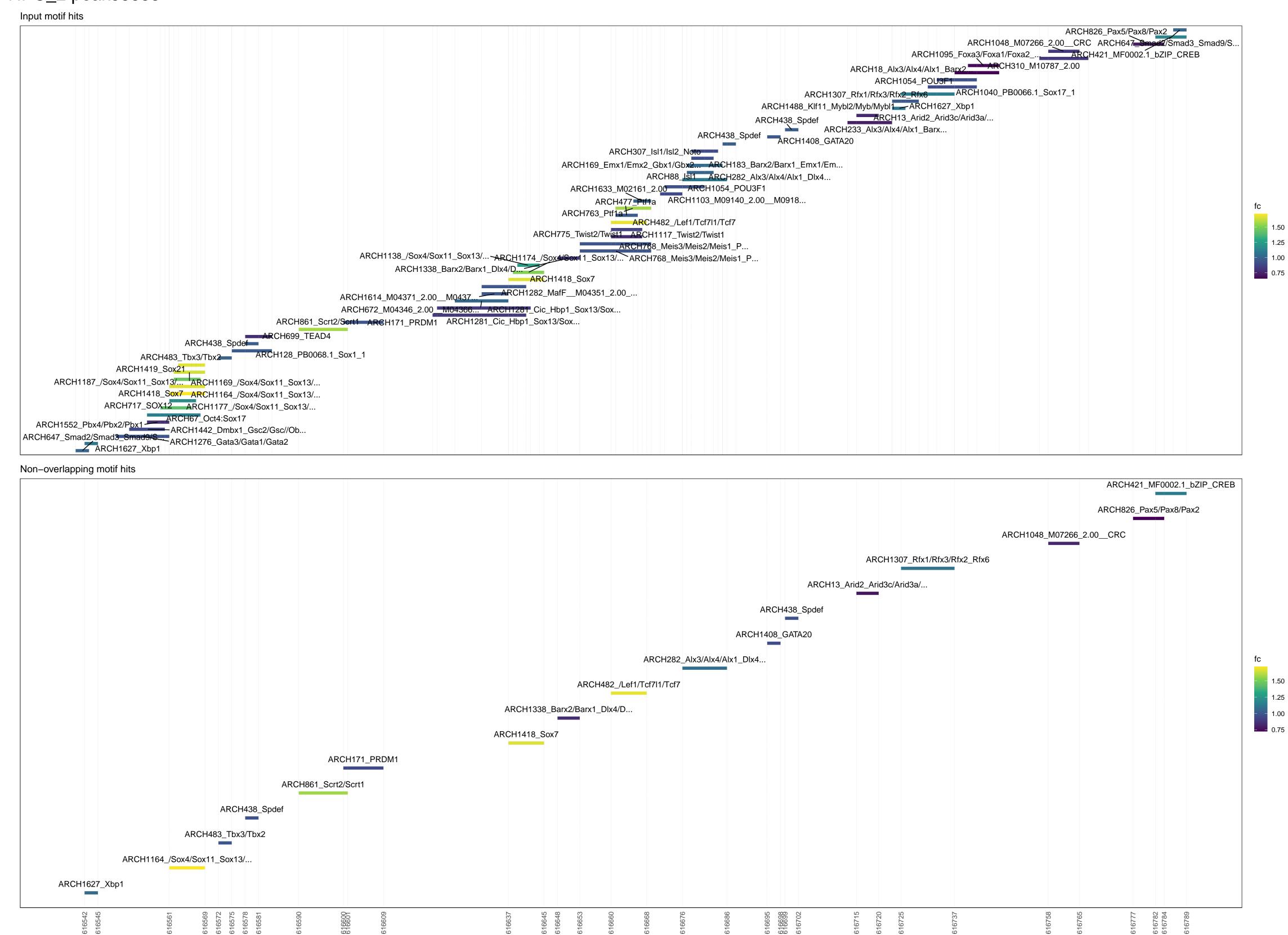


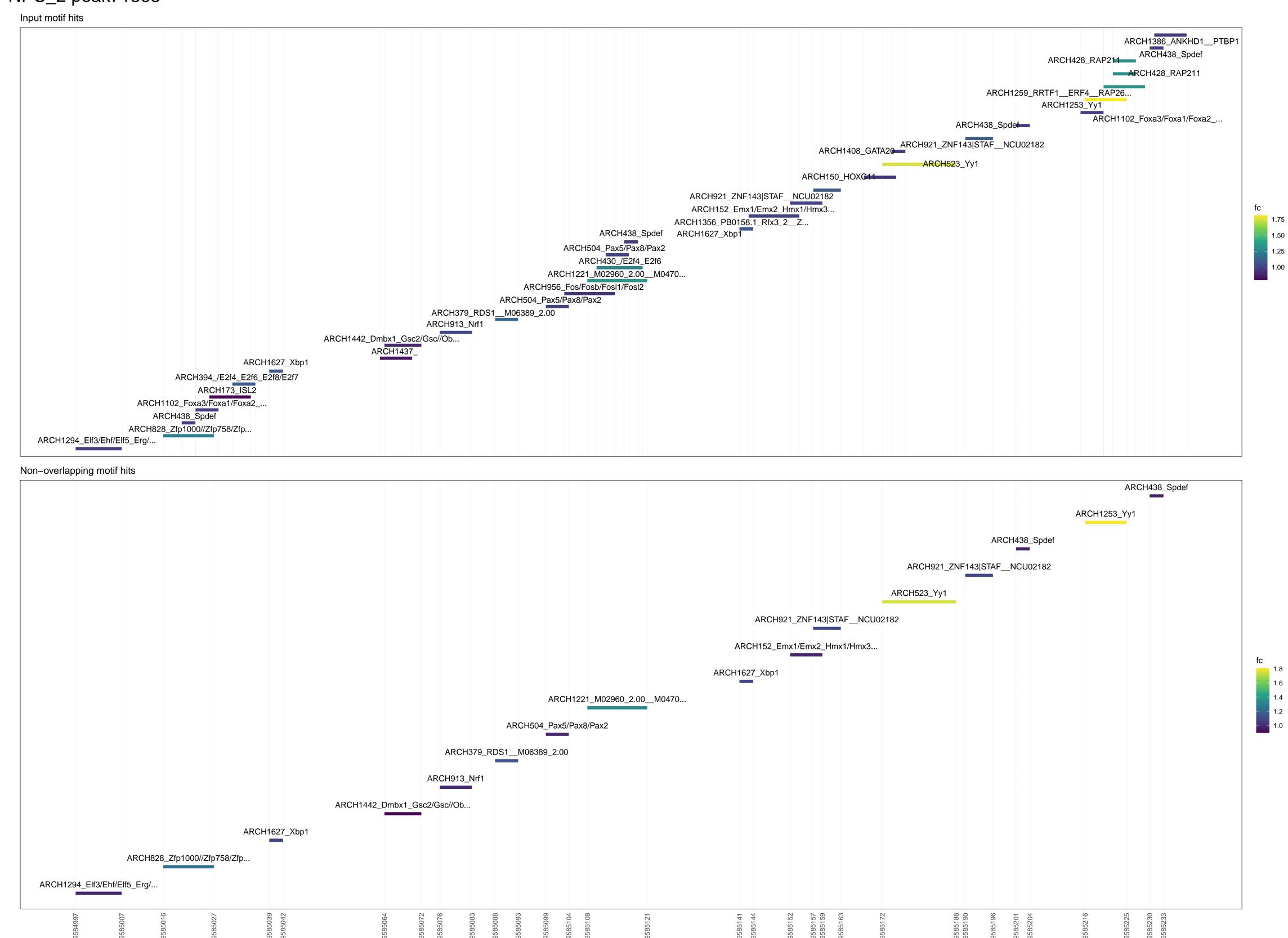


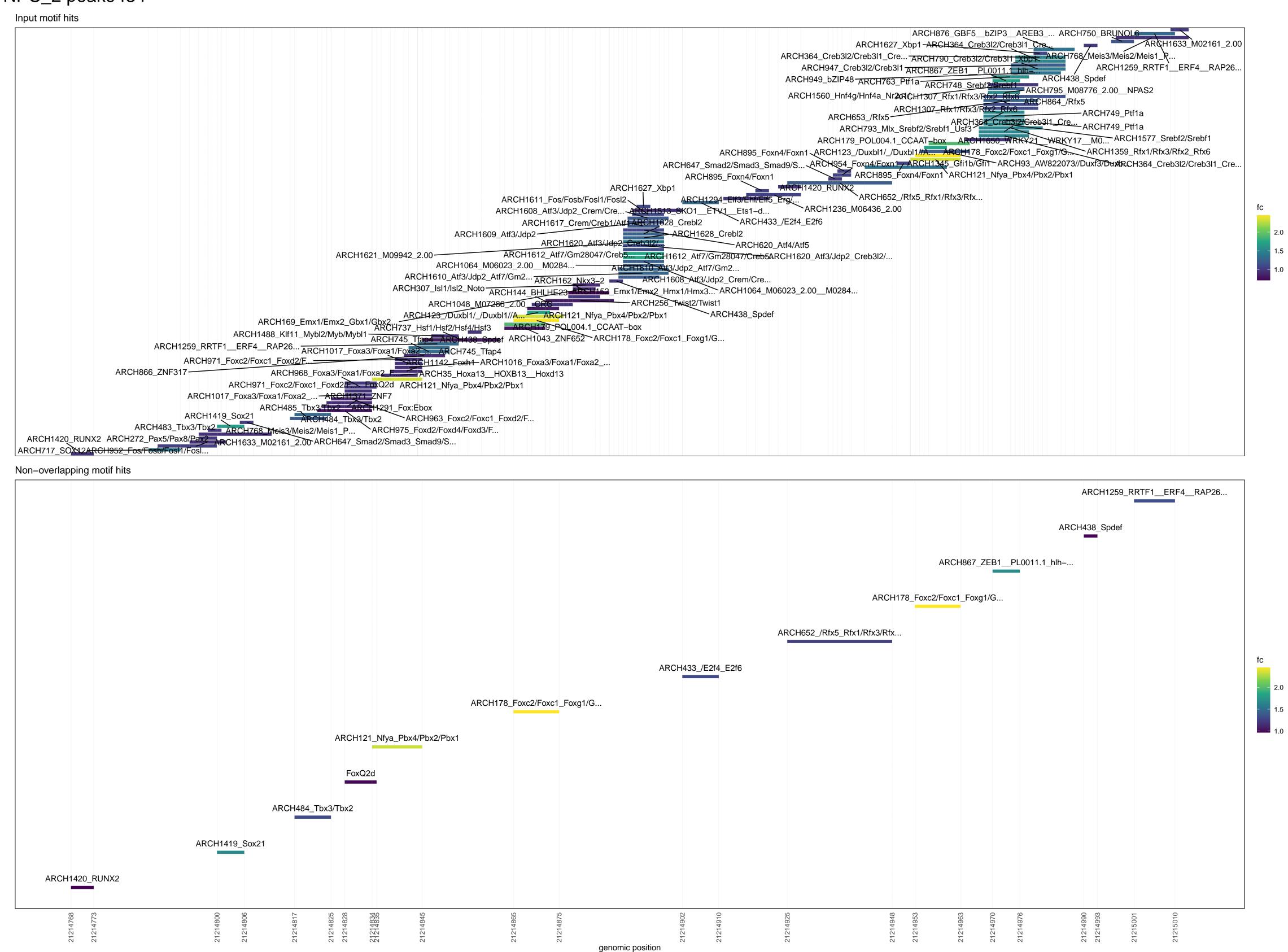


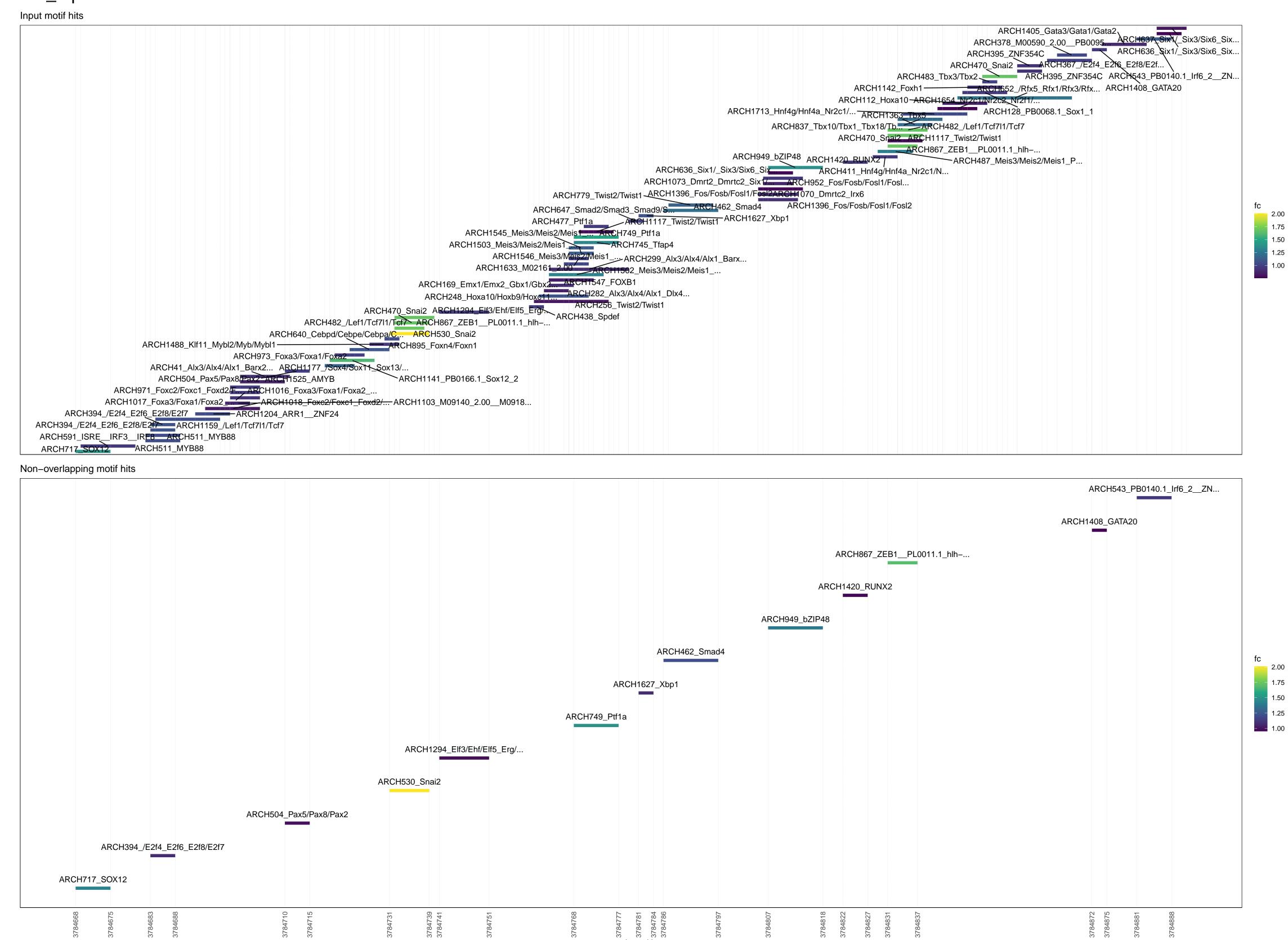


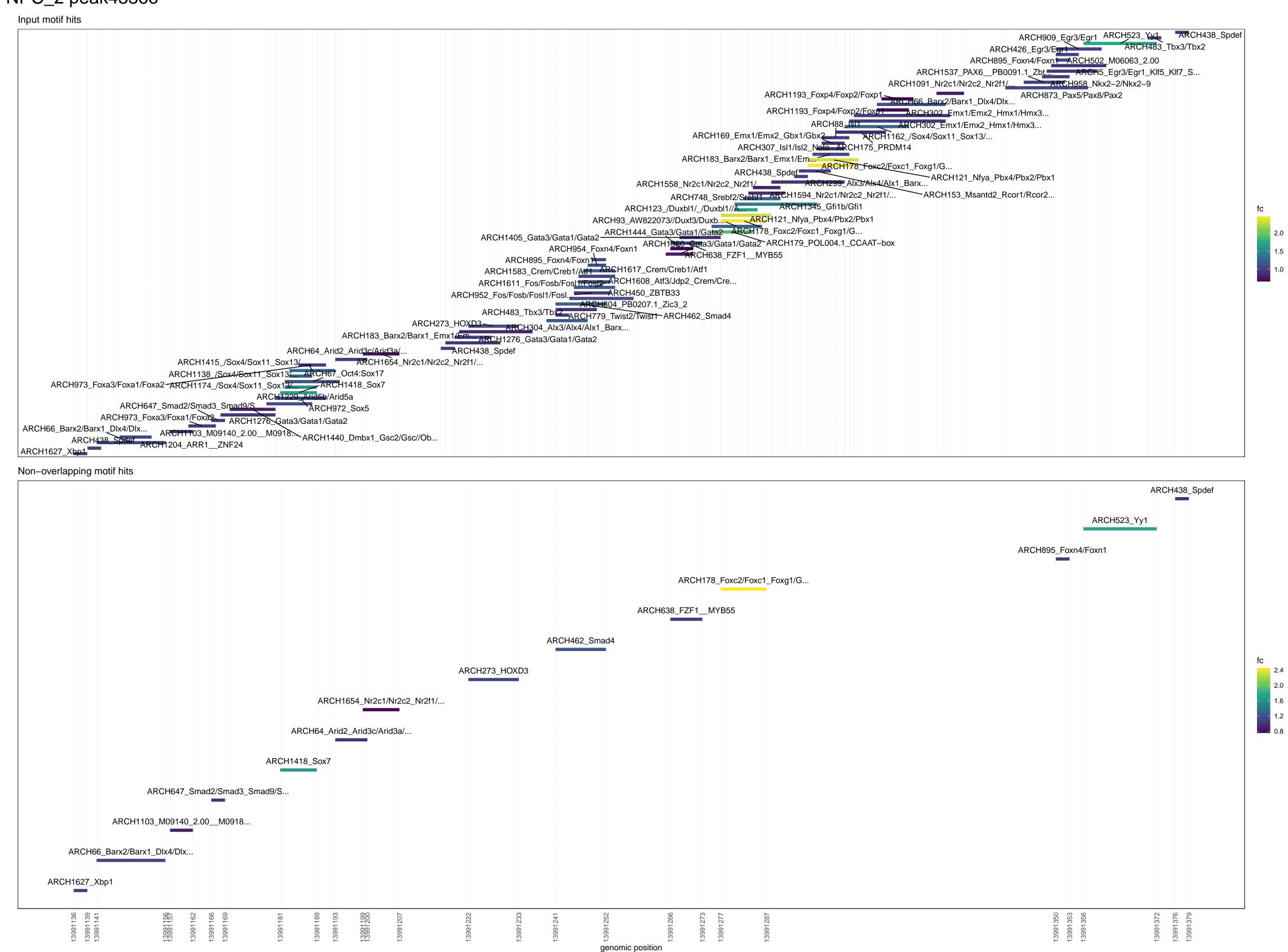


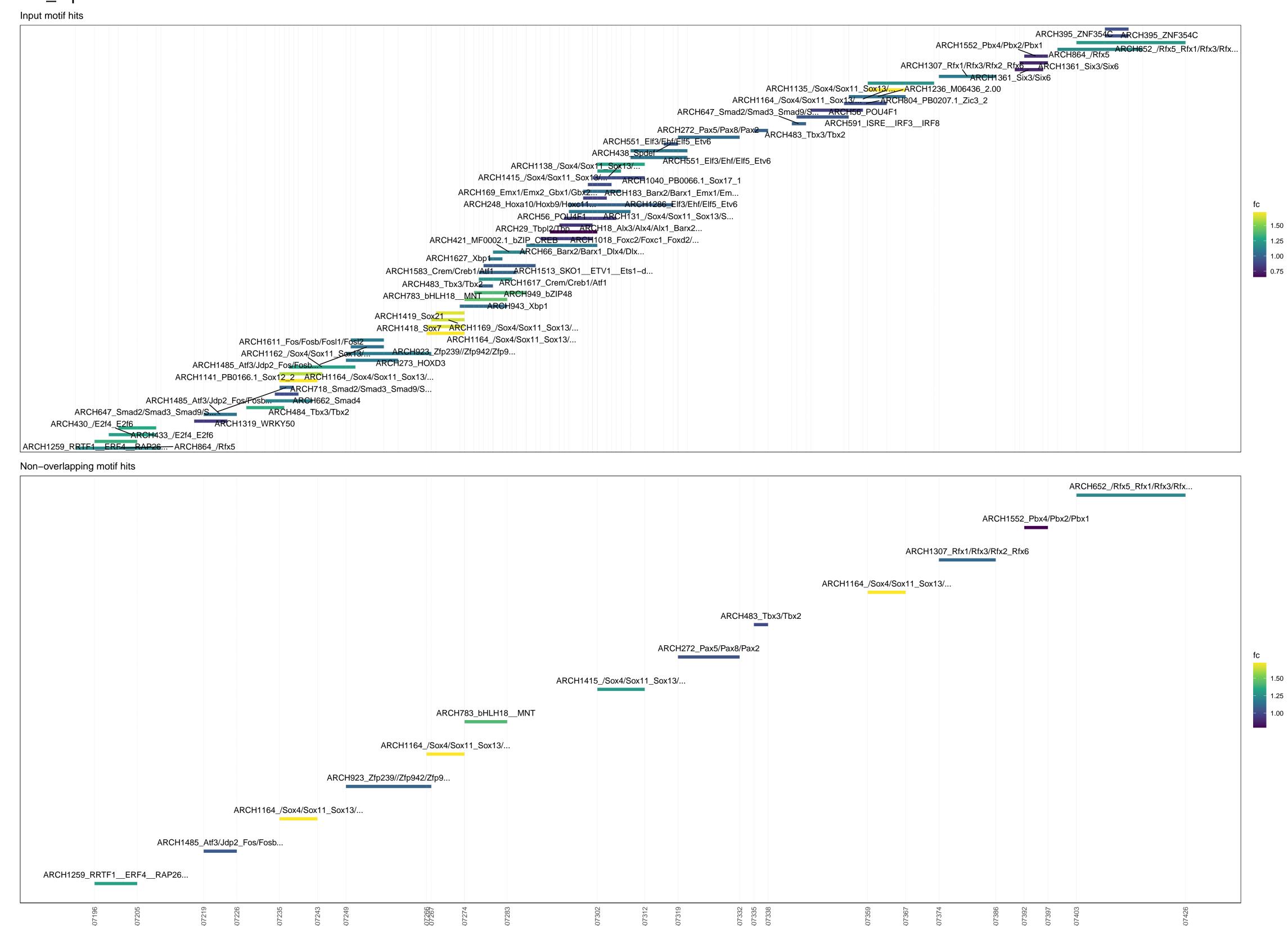


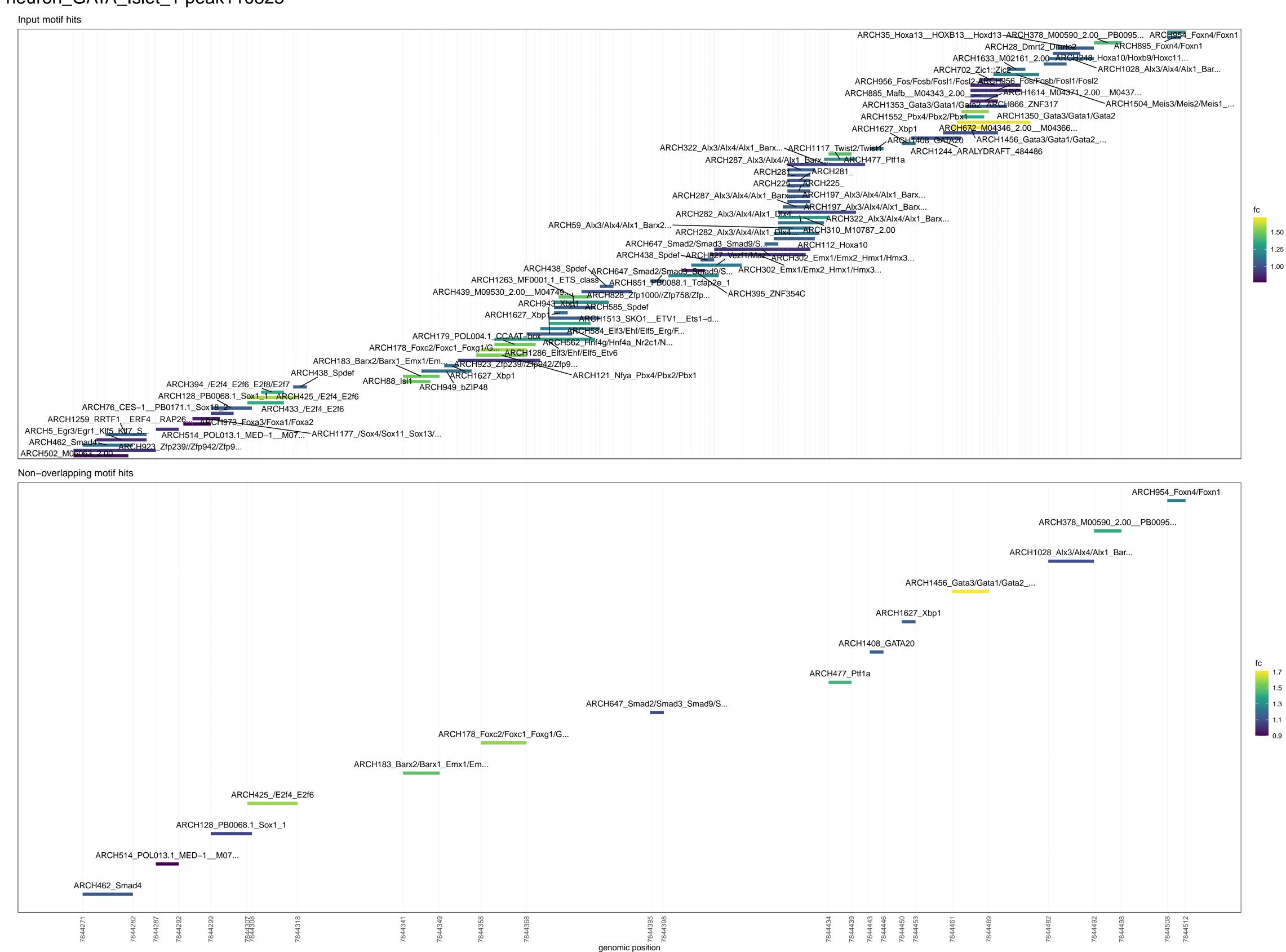


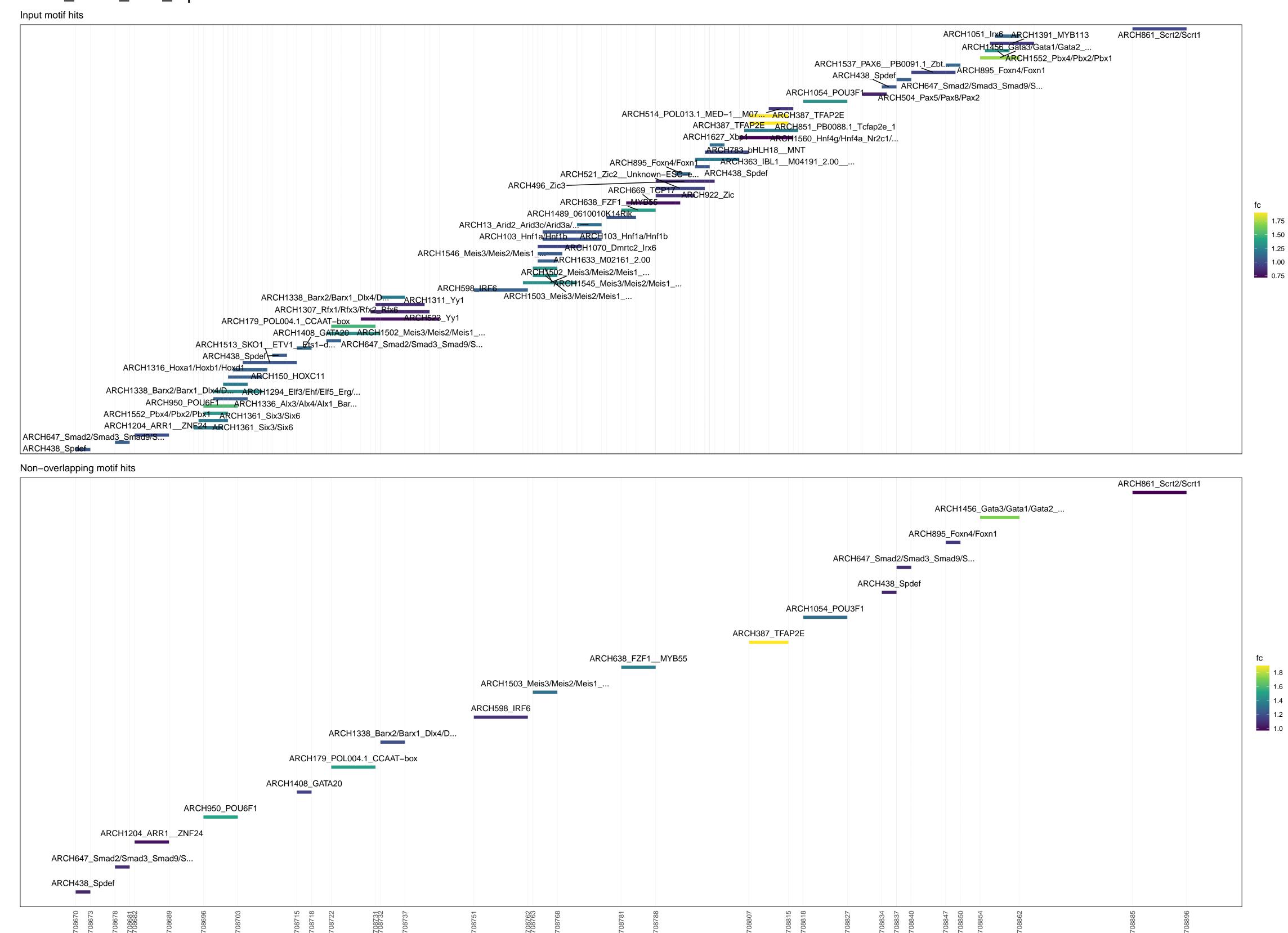


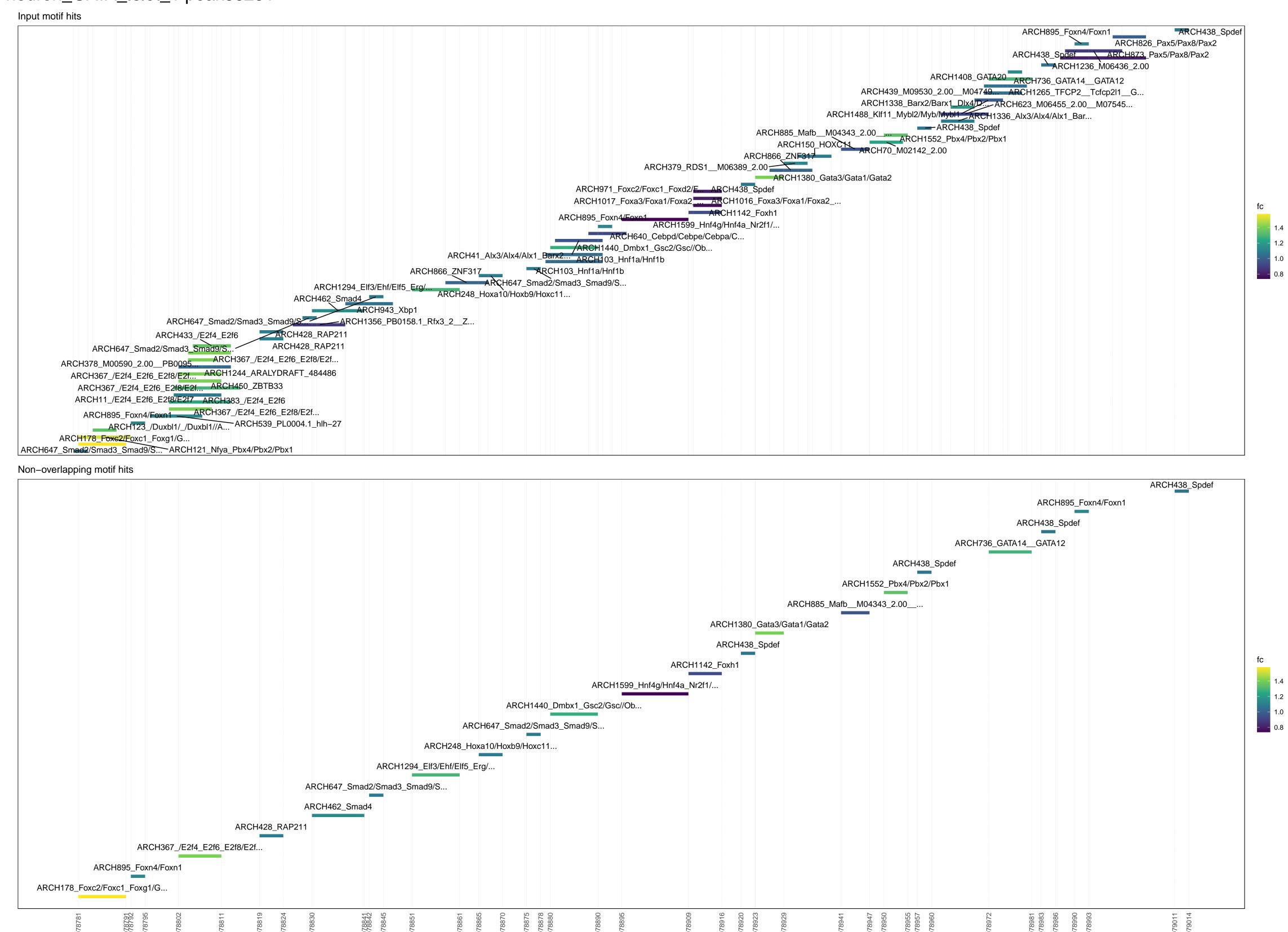


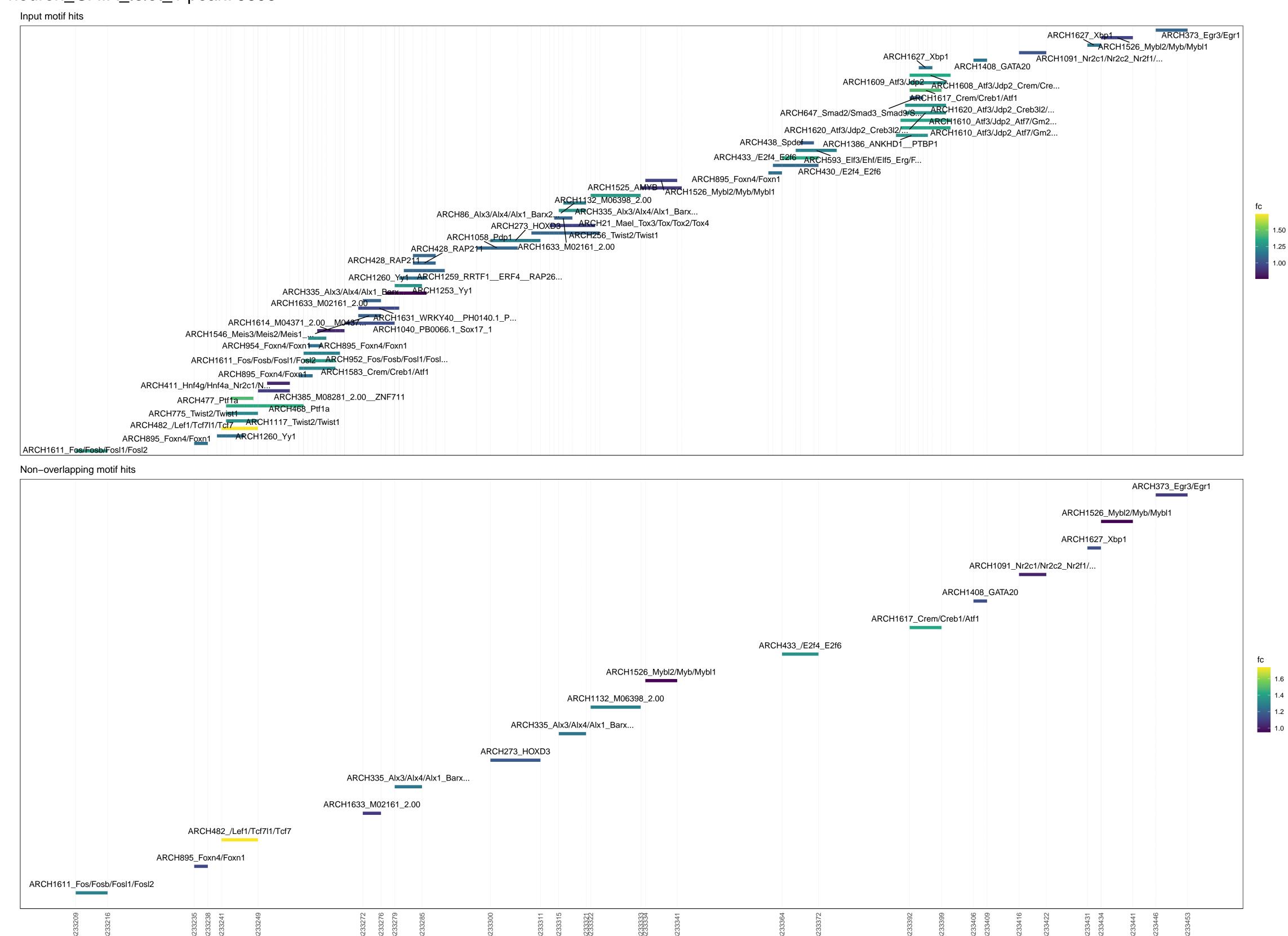


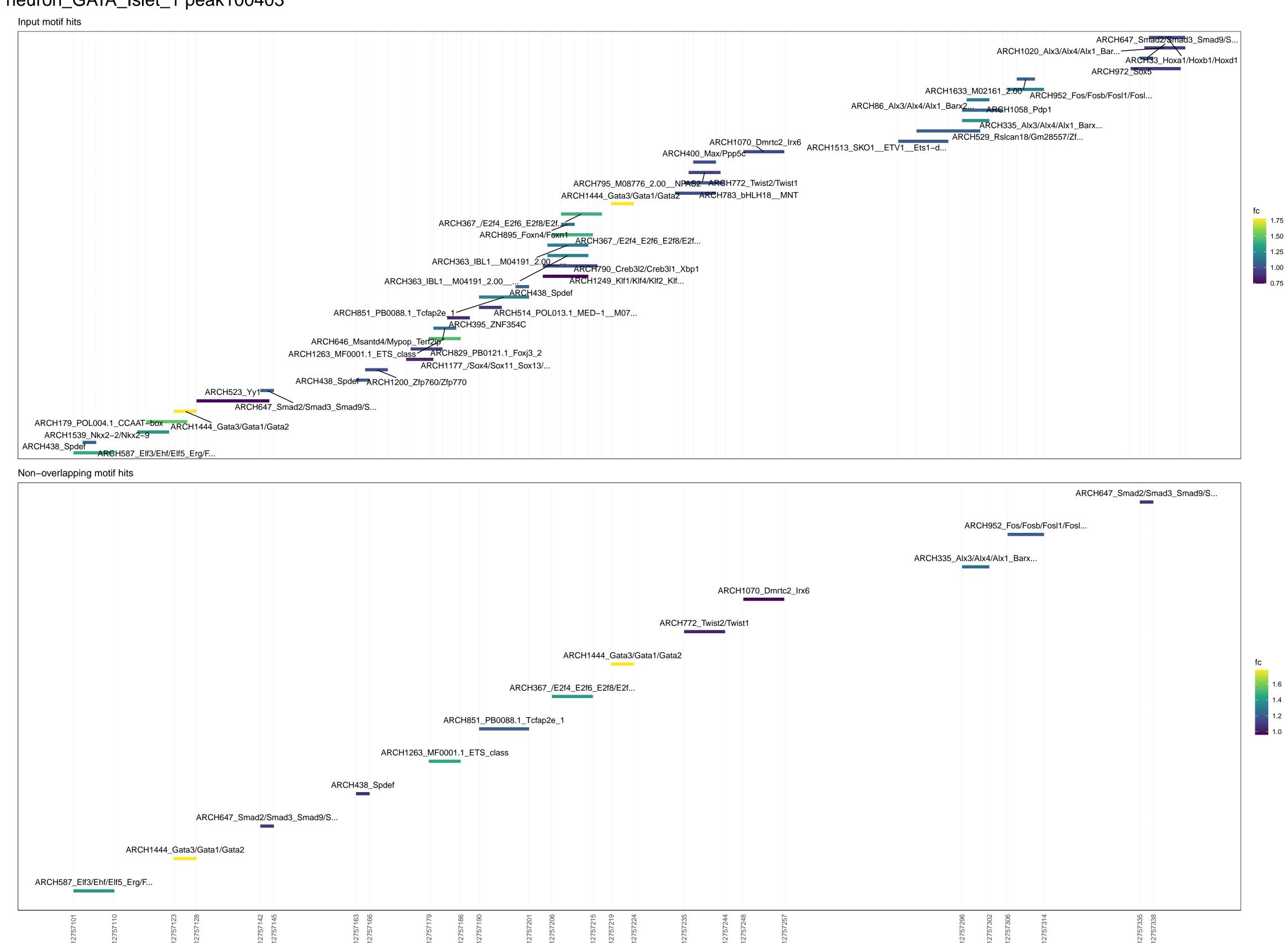


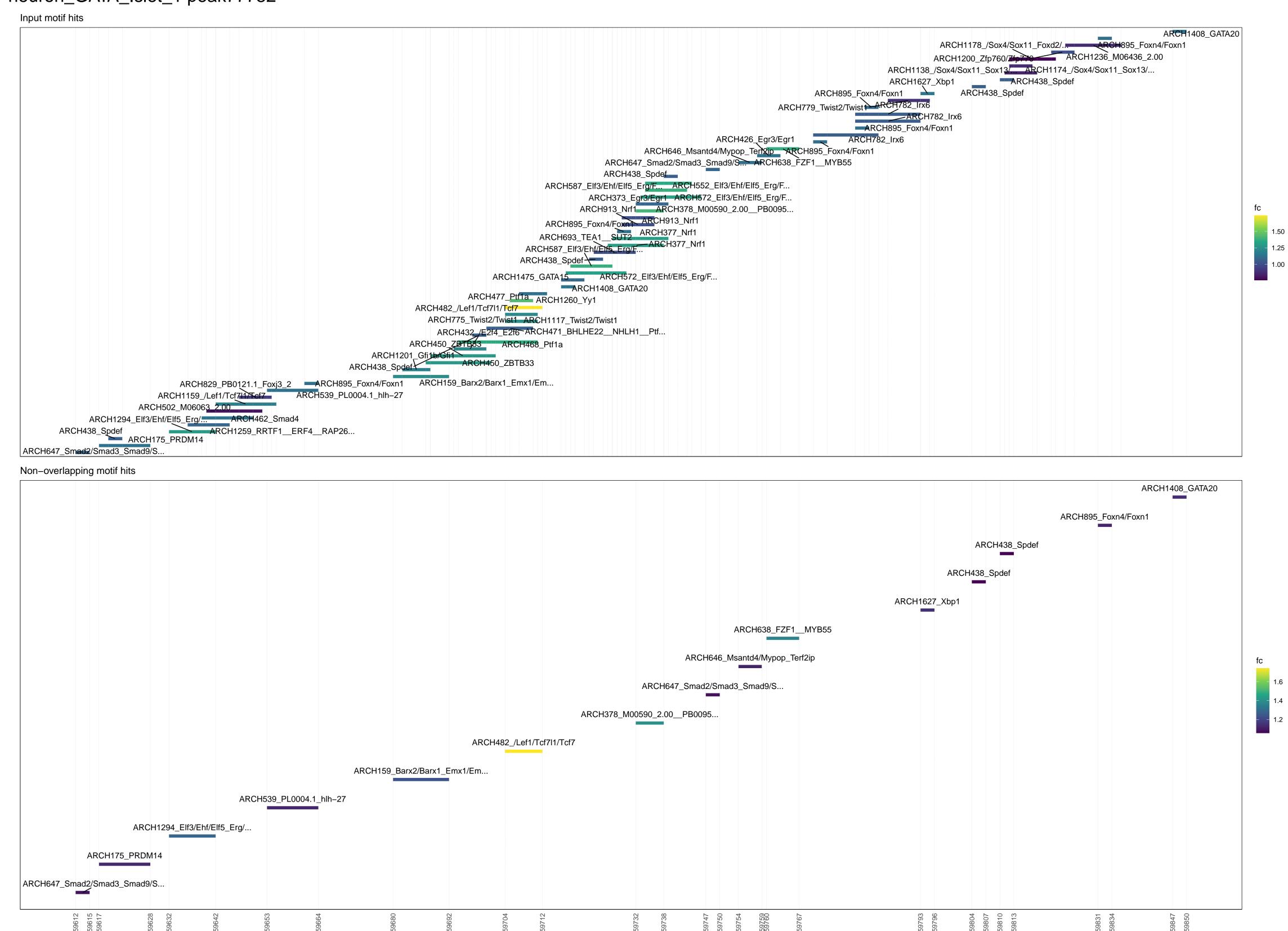


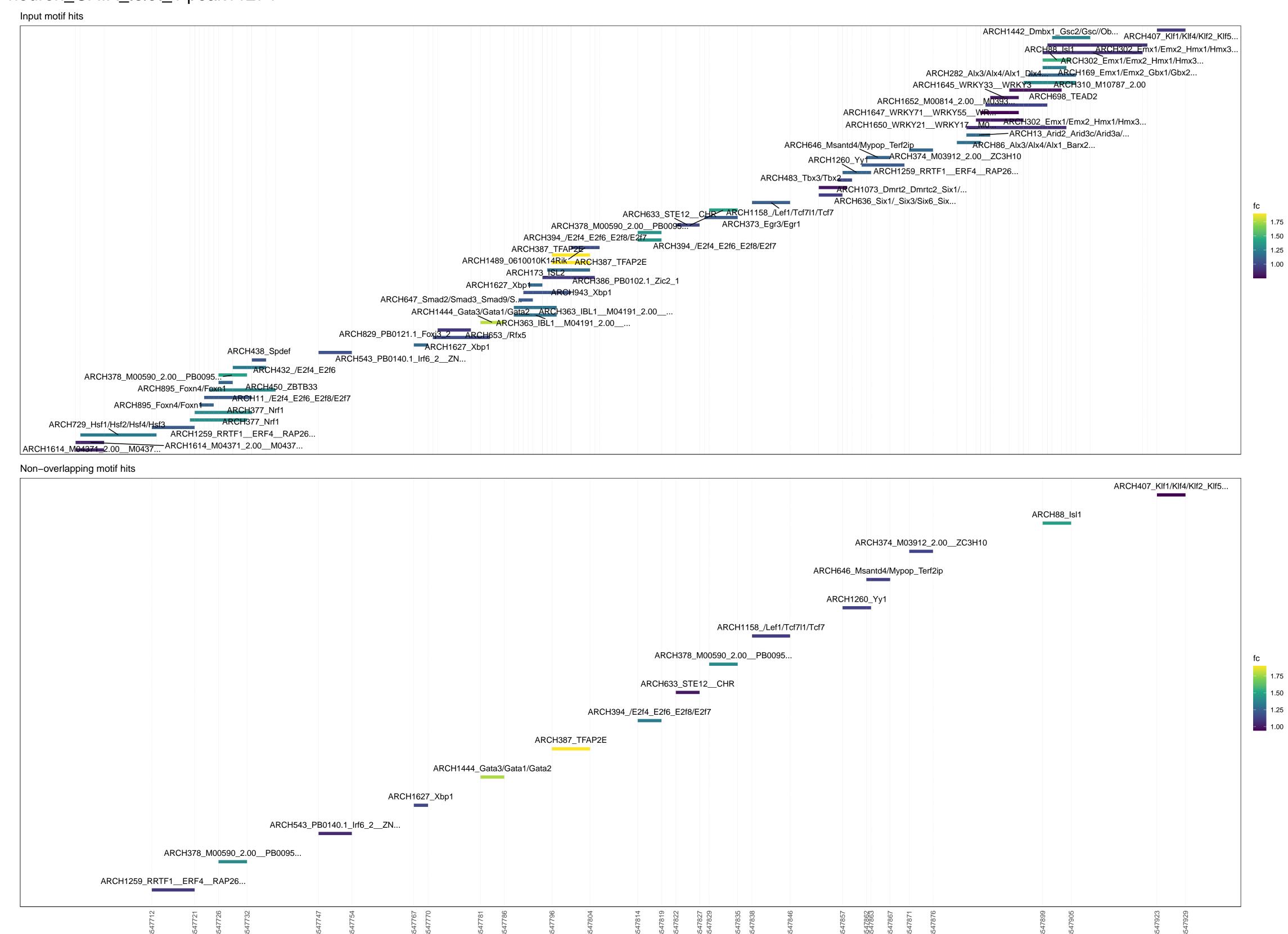


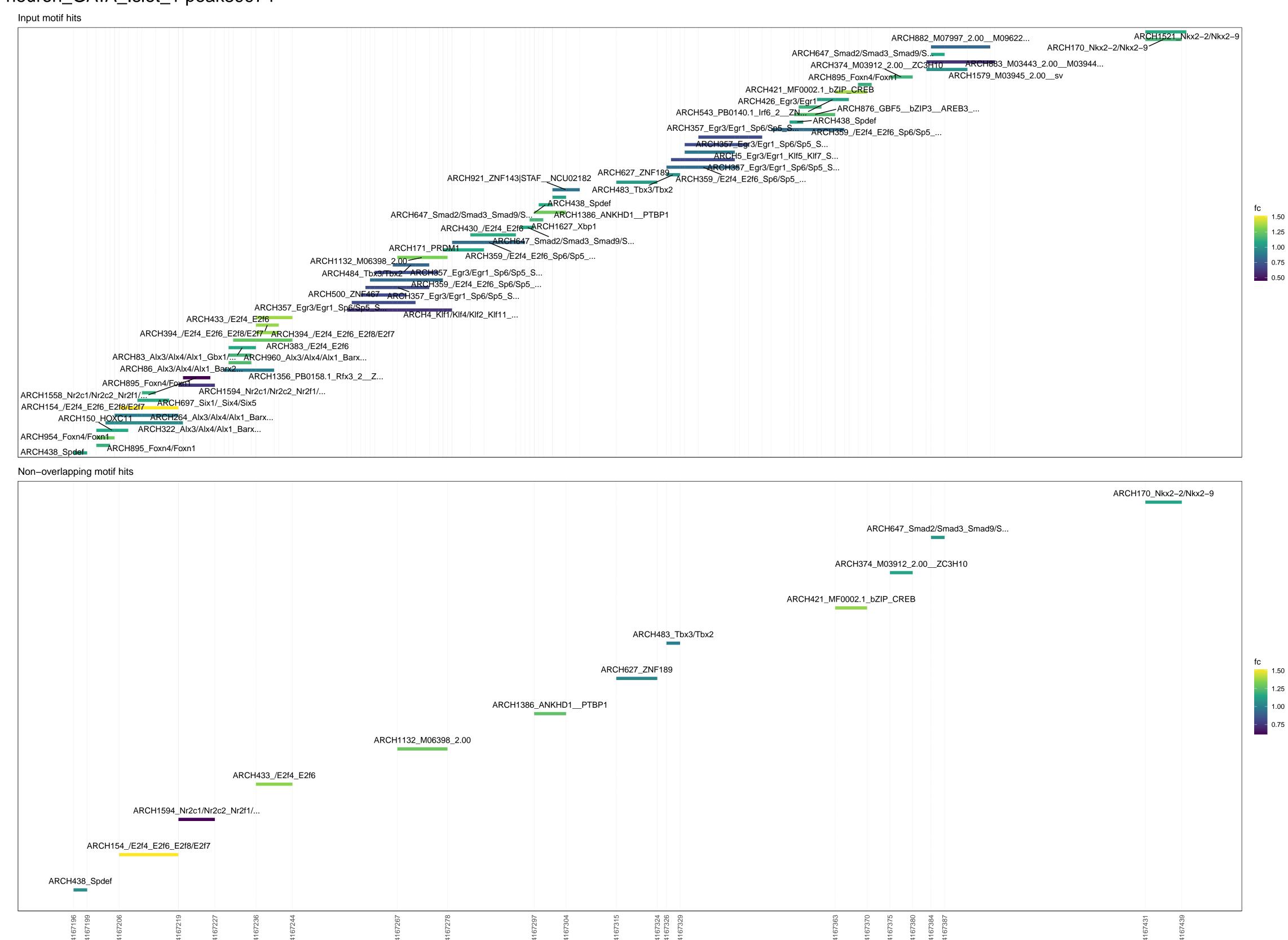


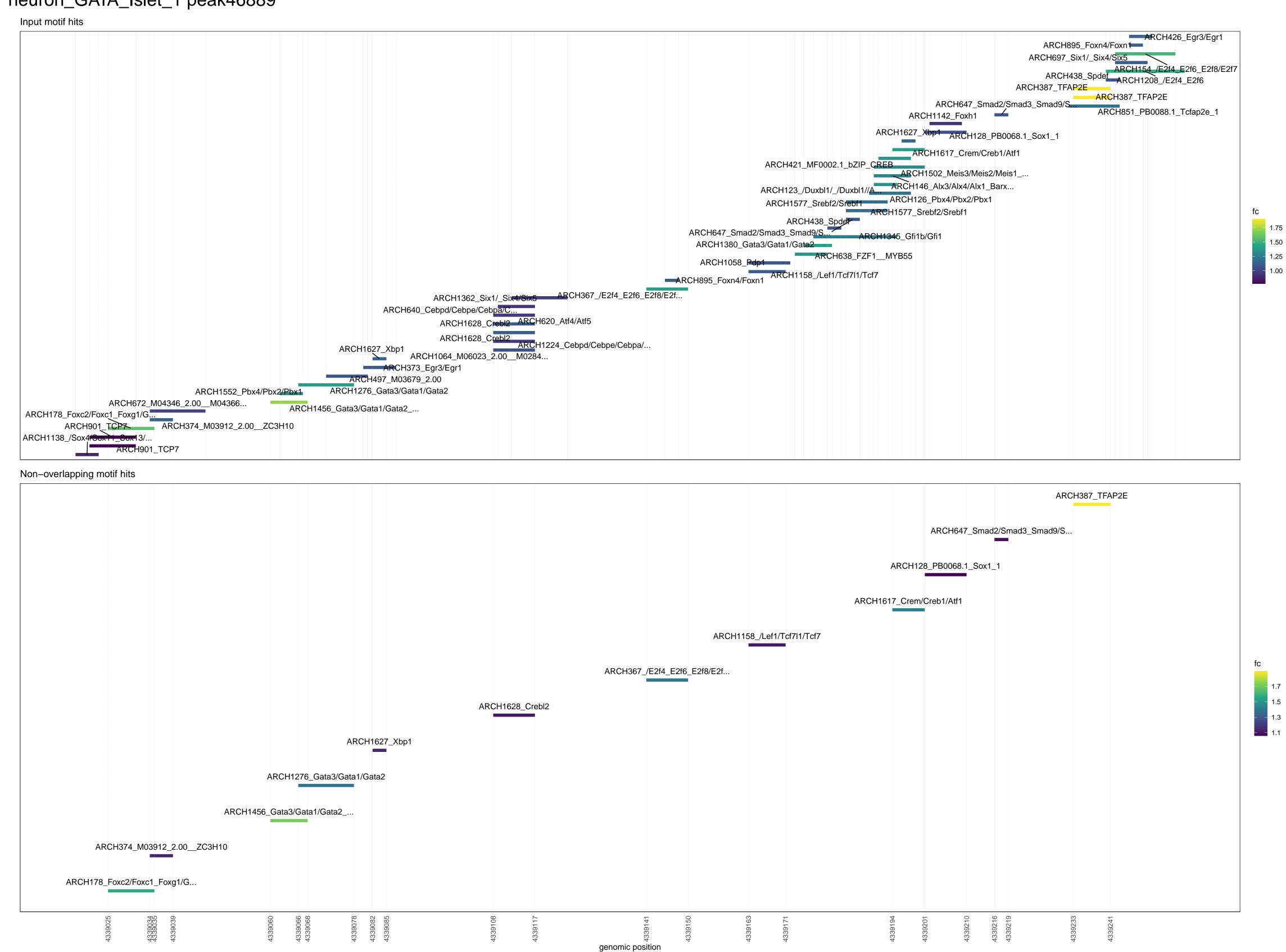


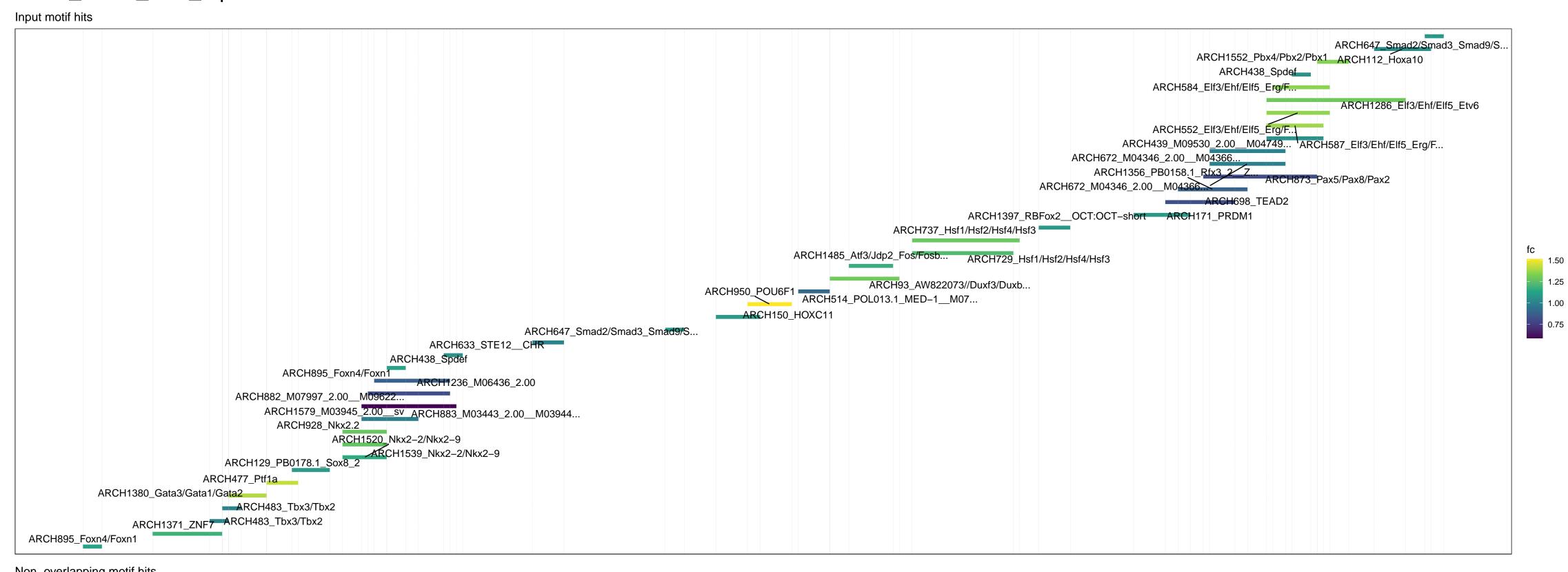


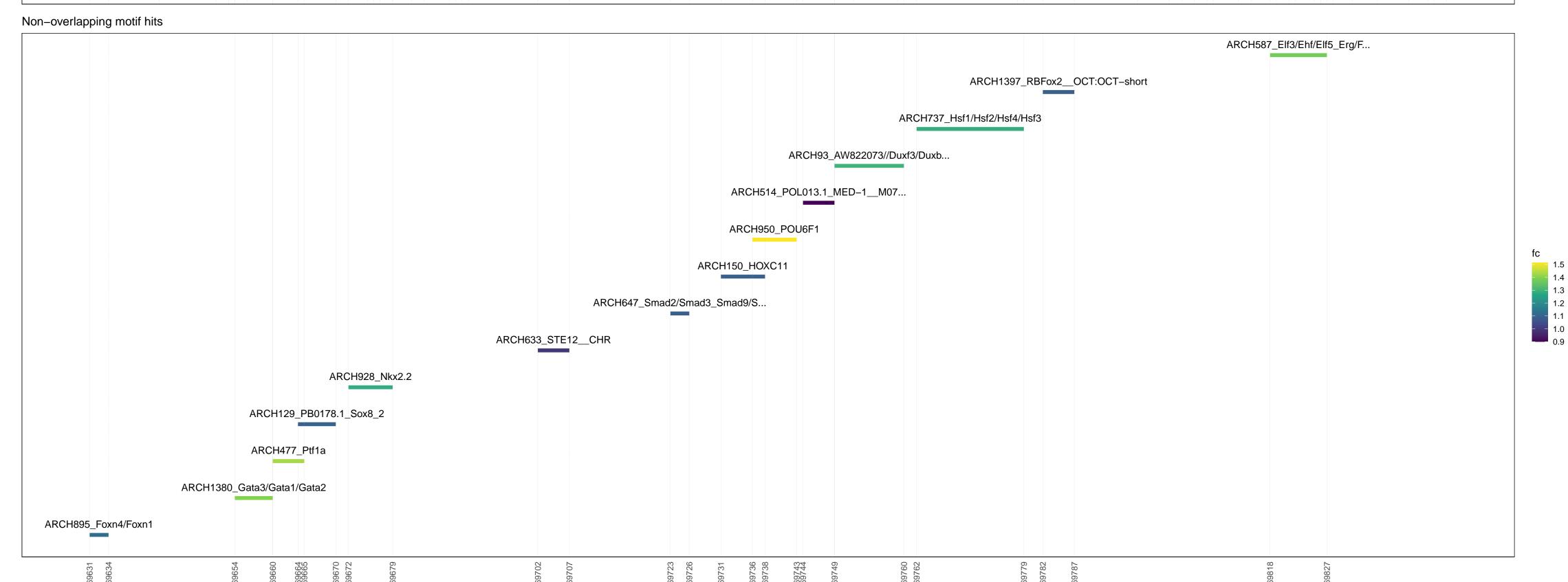


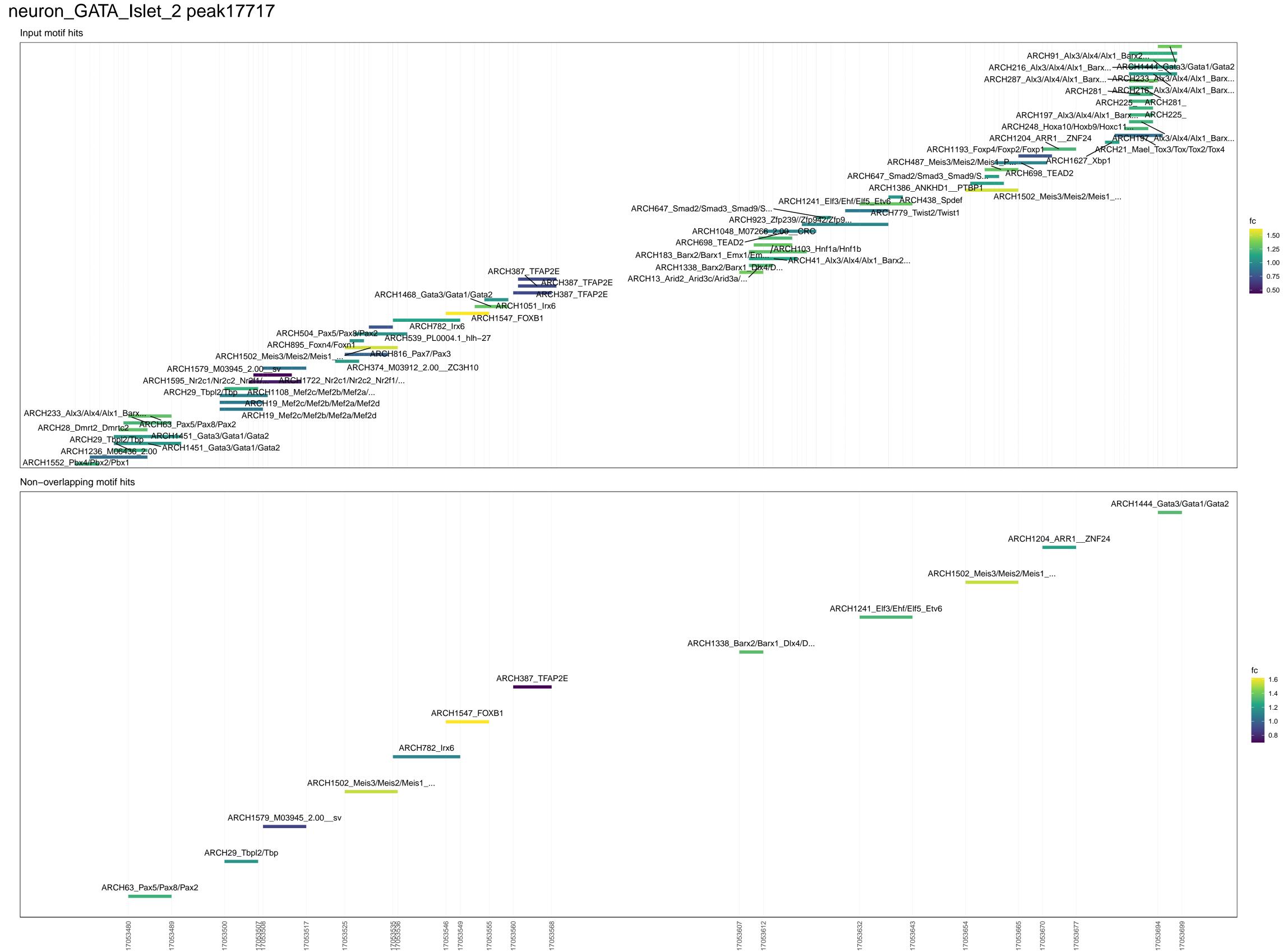


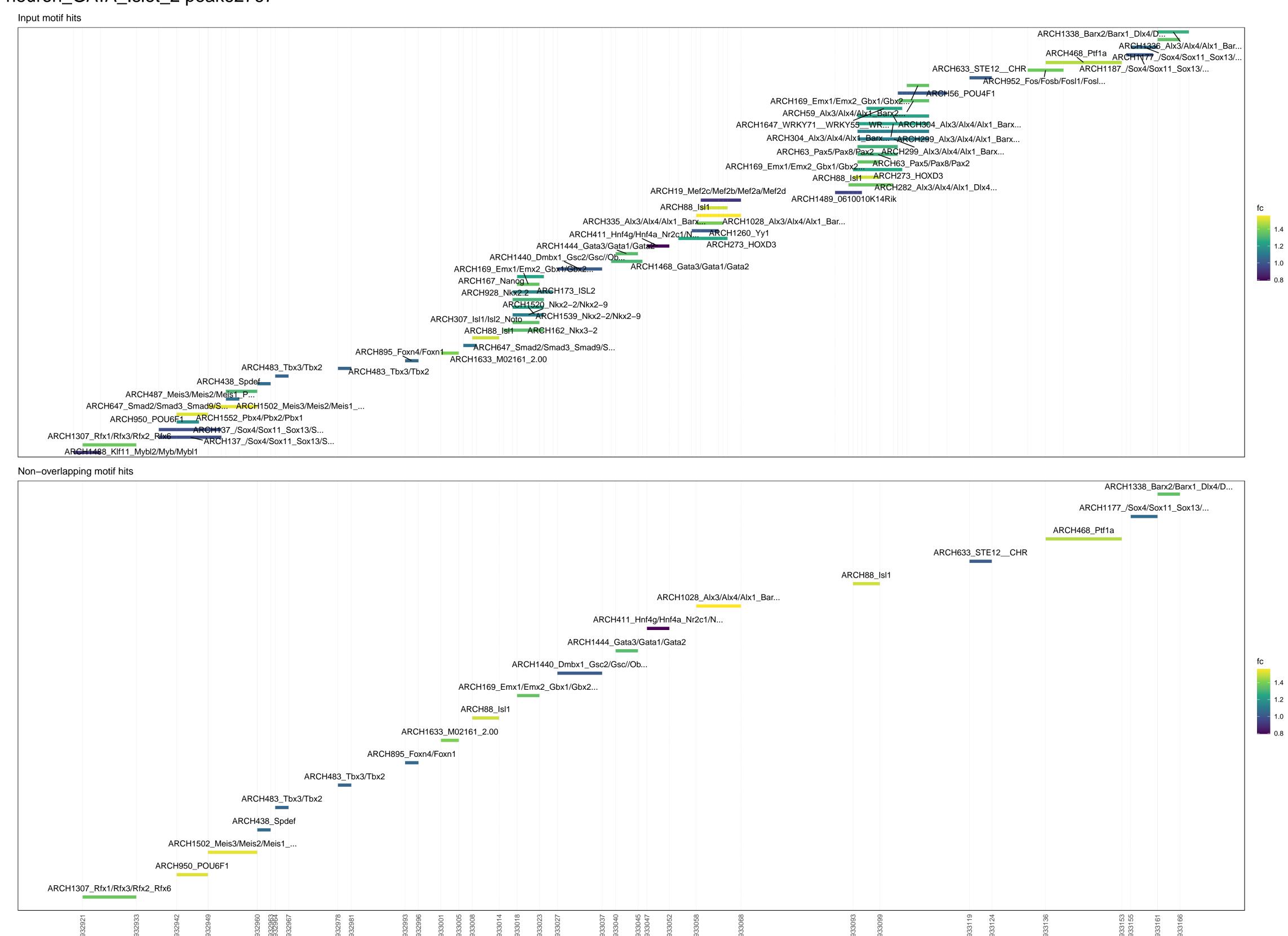


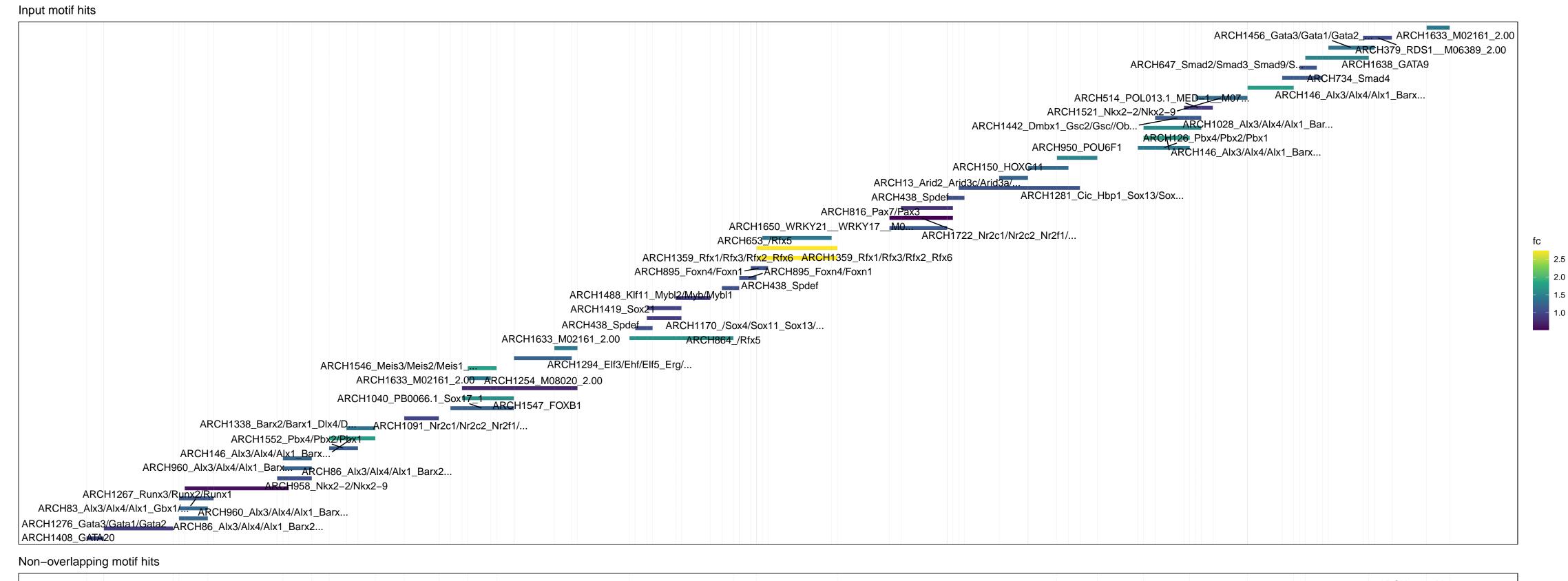




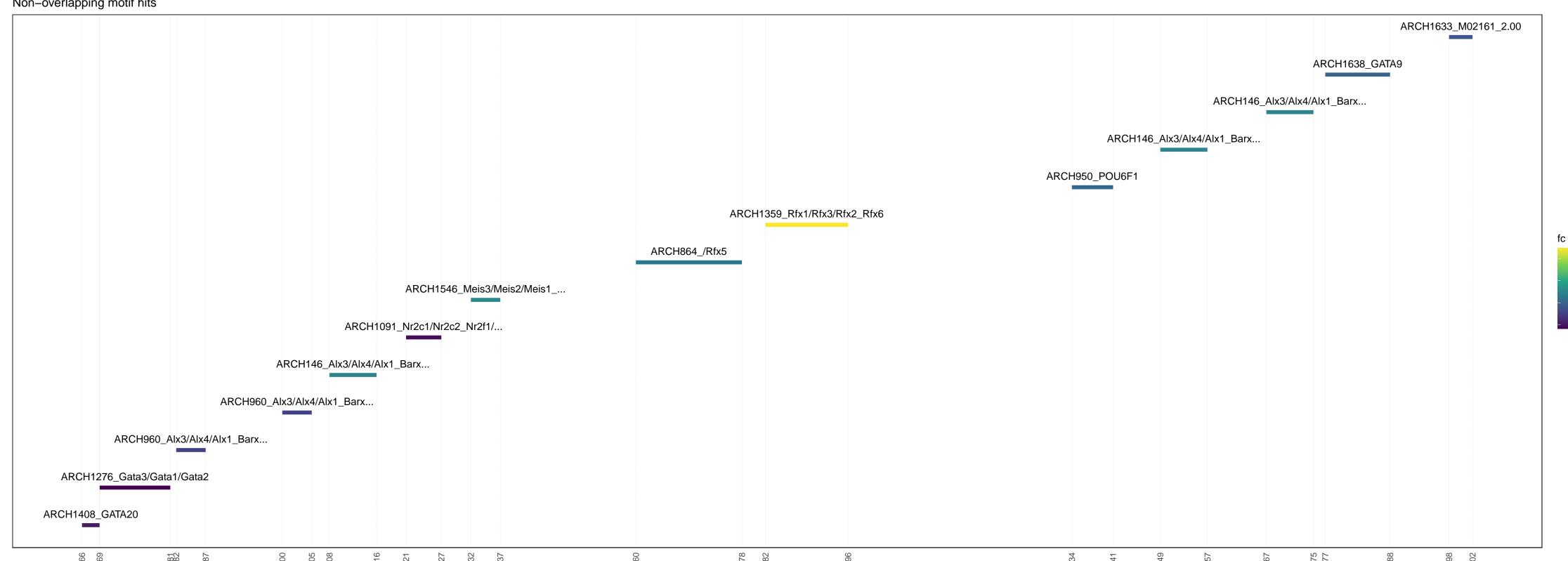


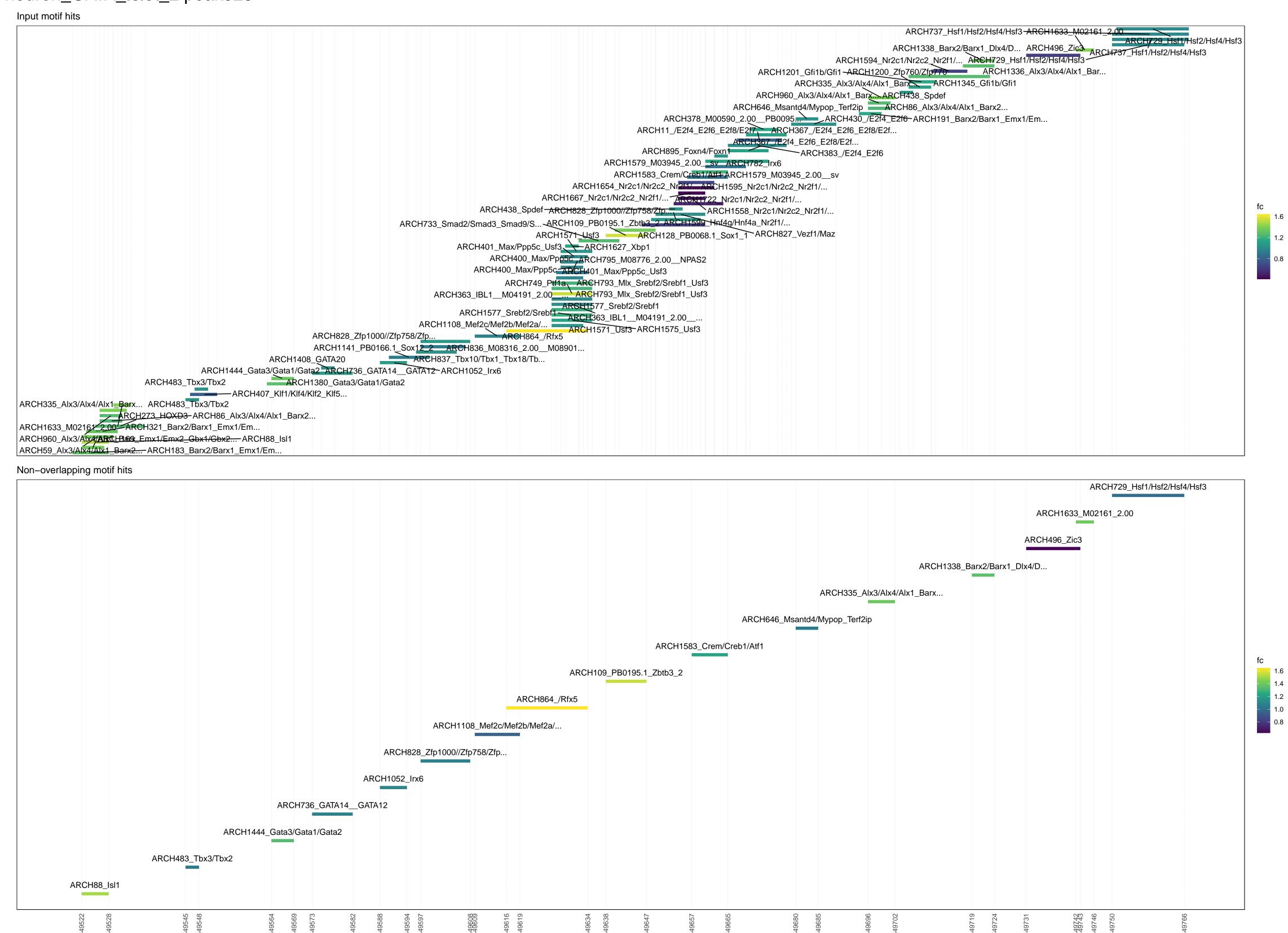


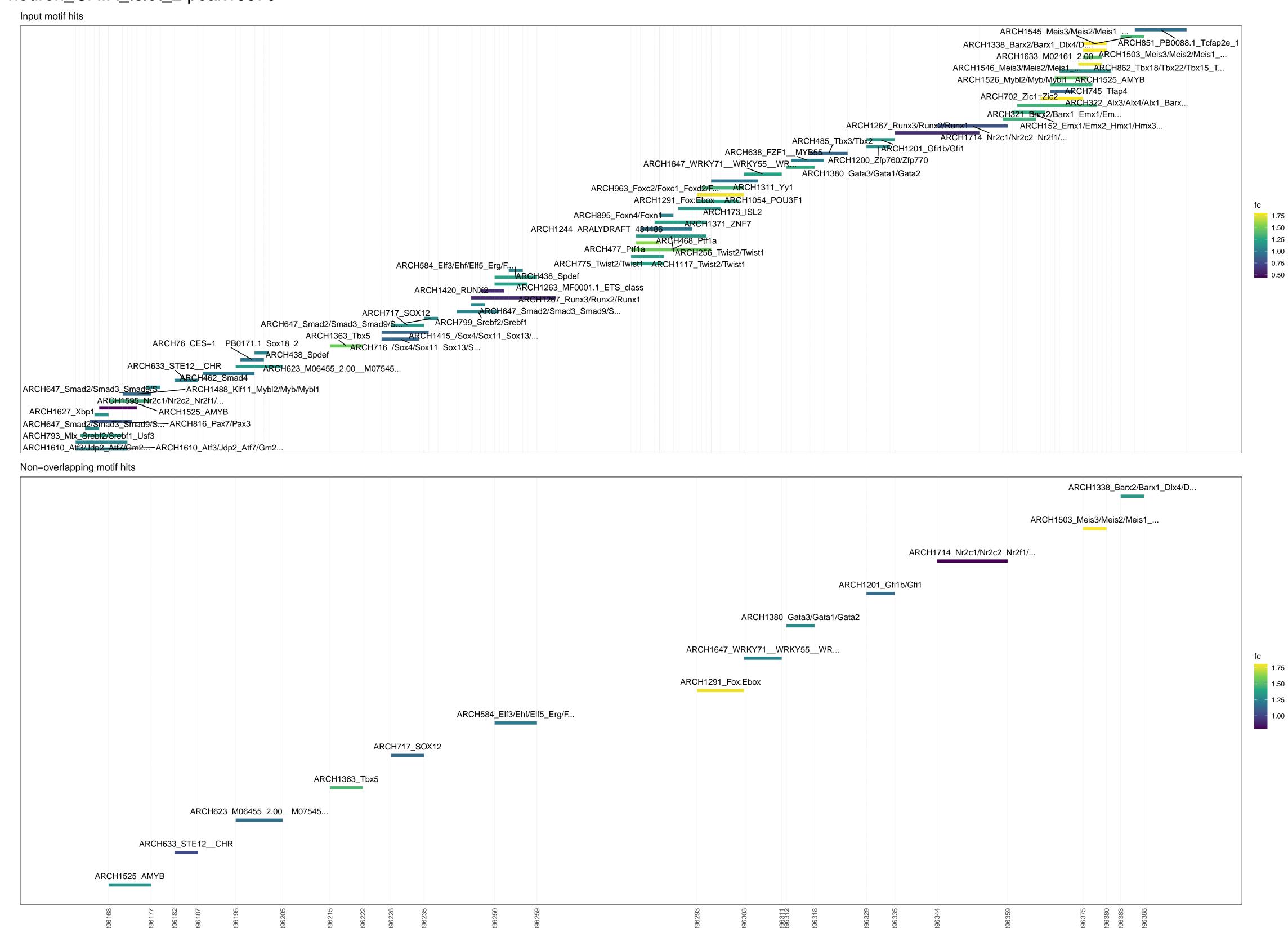


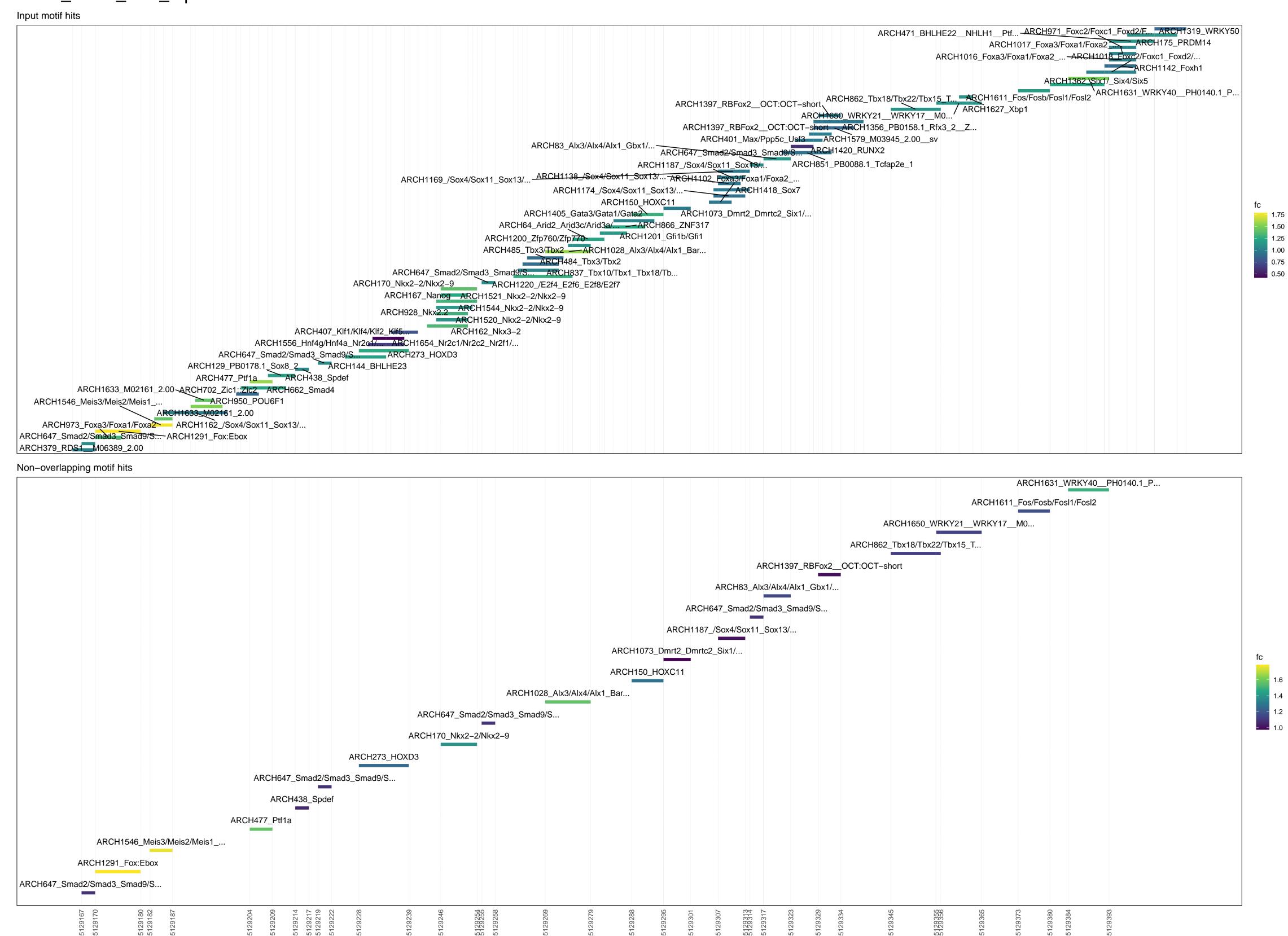


2.0

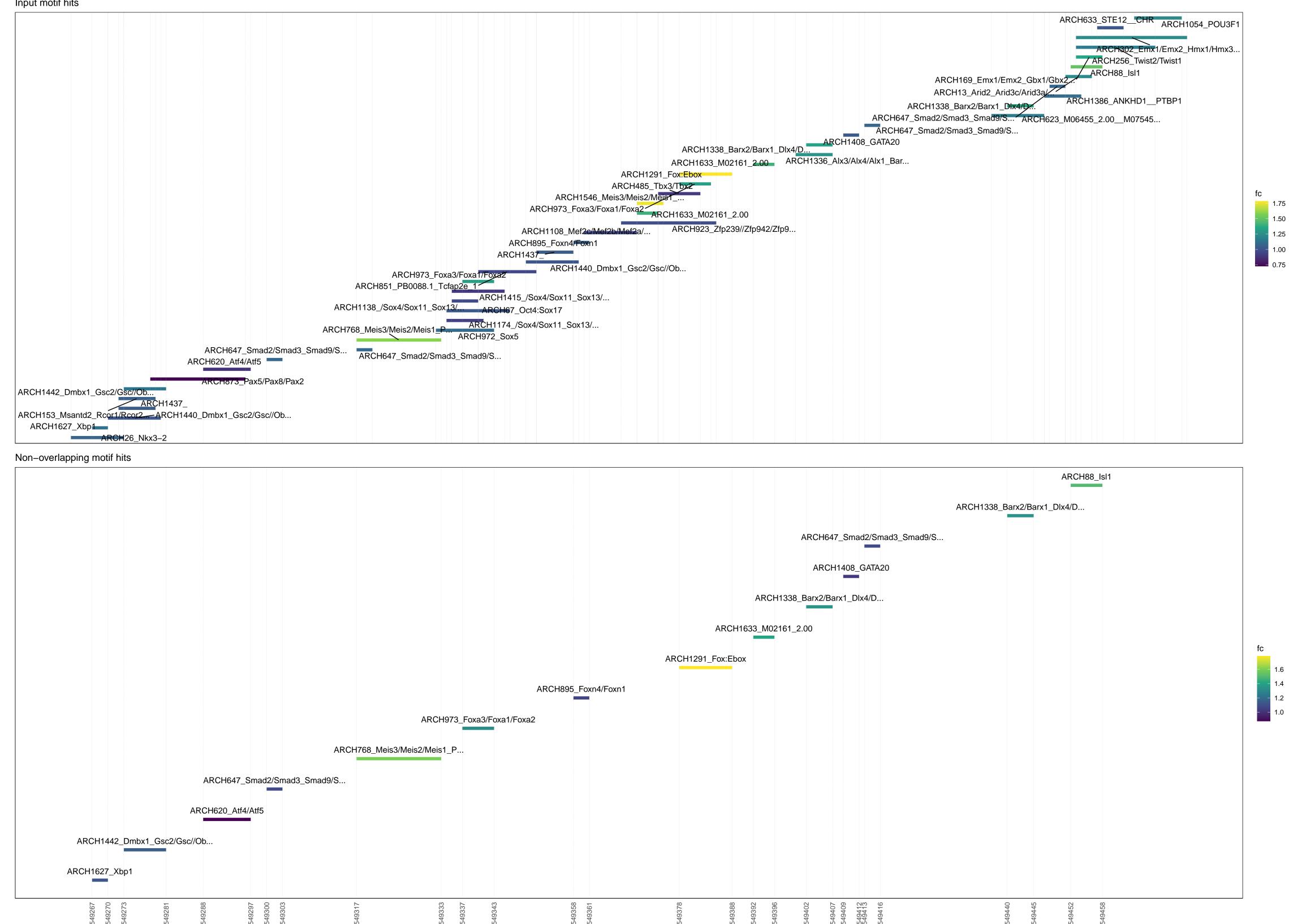


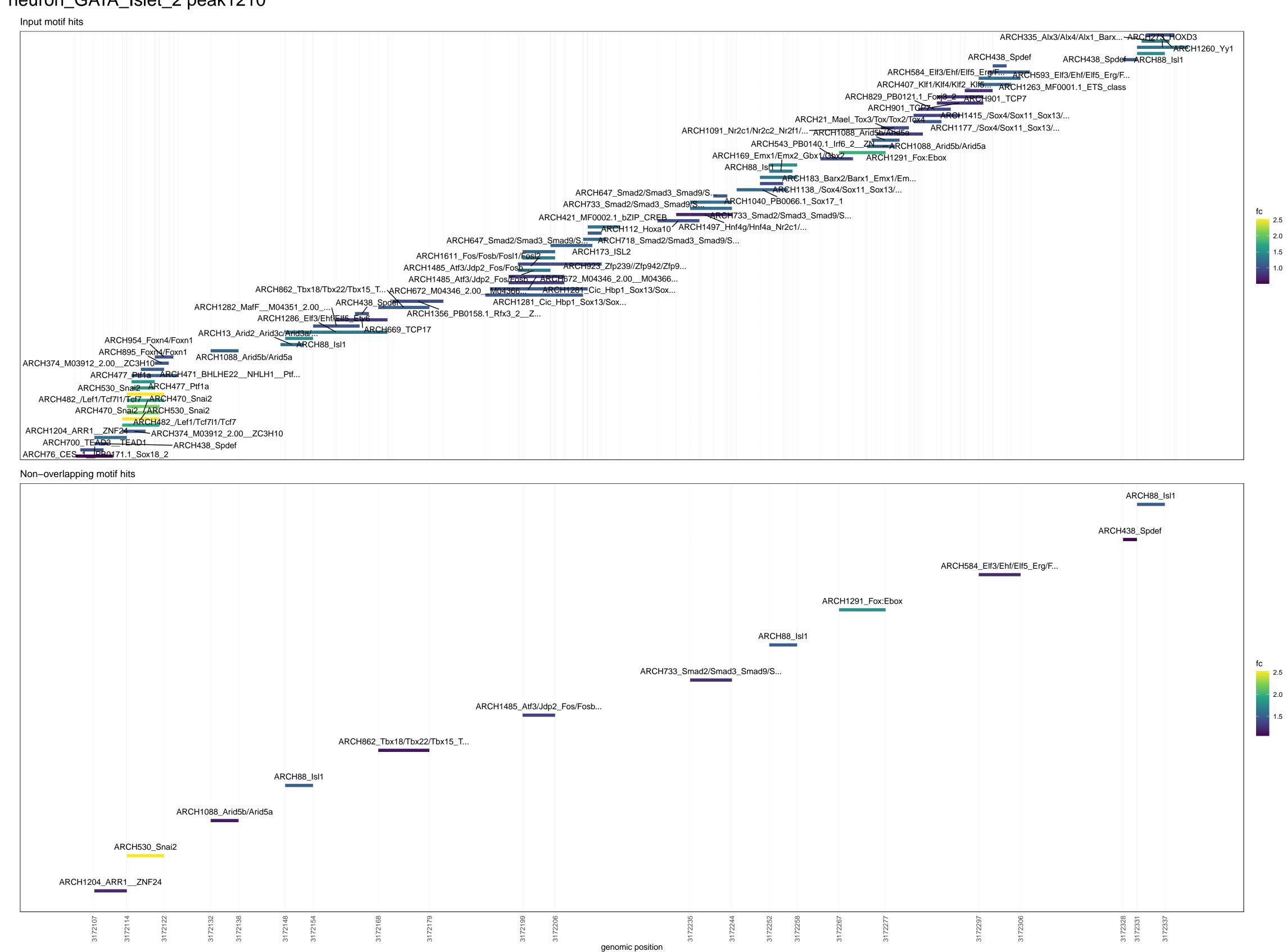


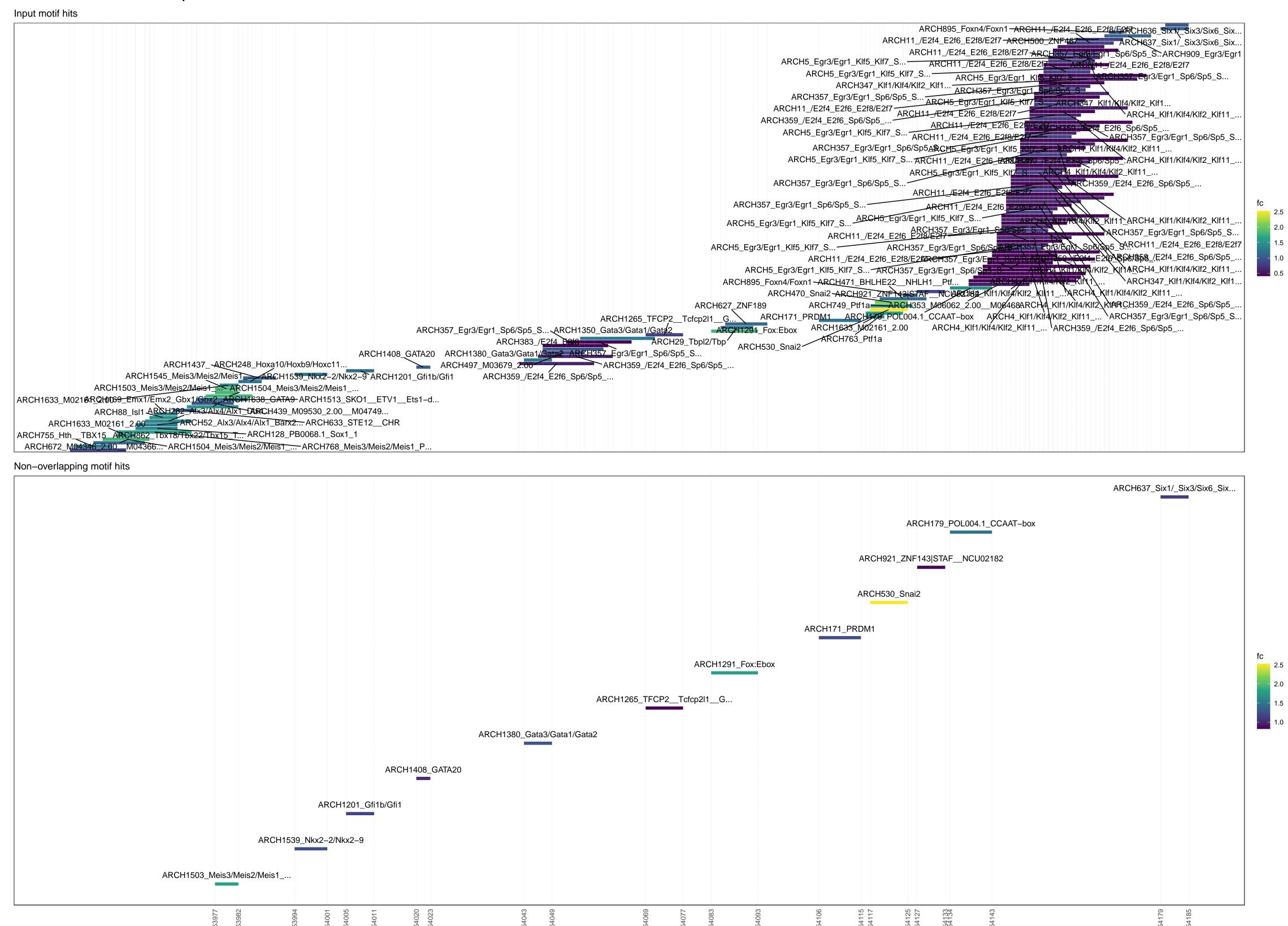


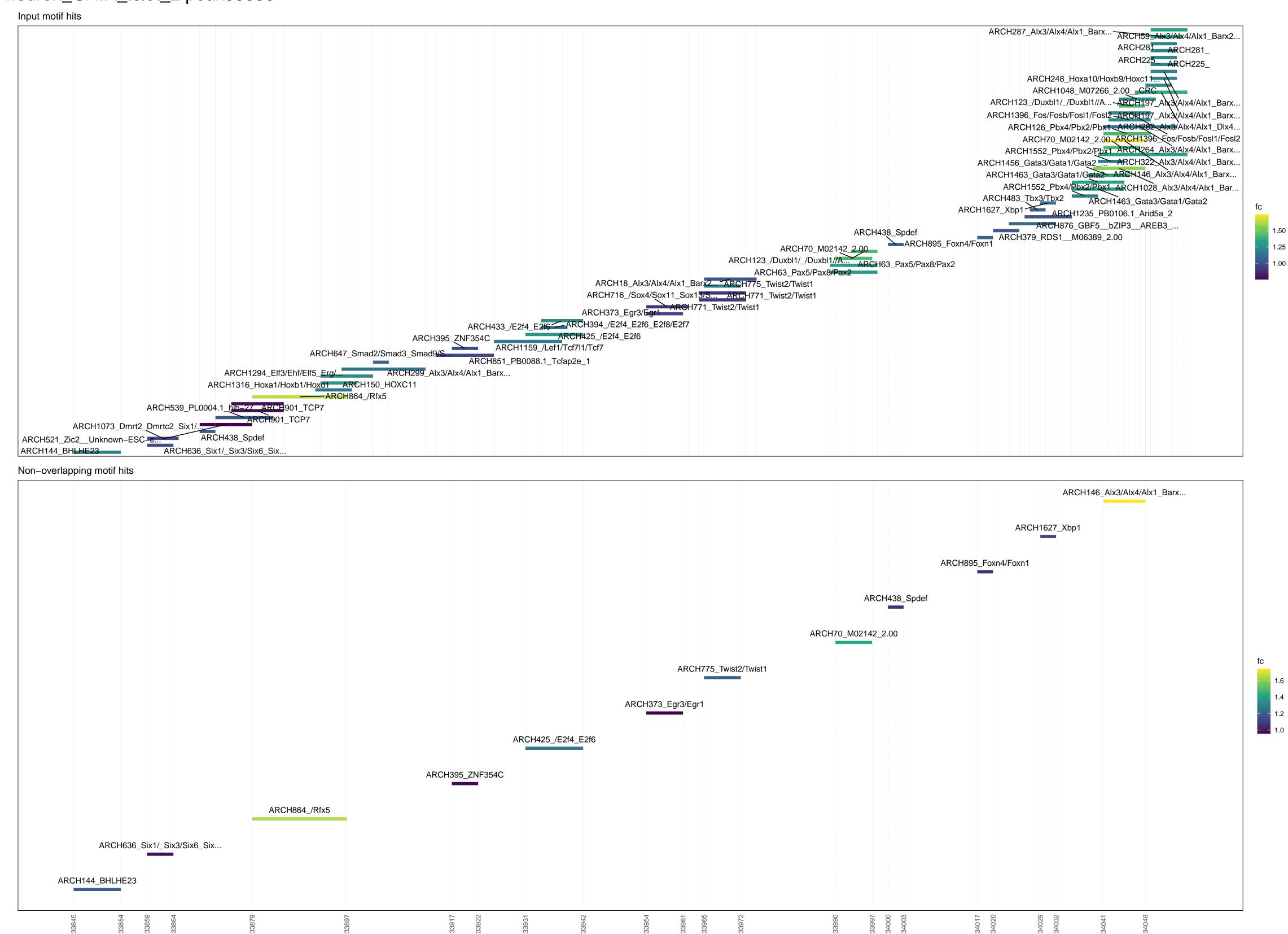


neuron_GATA_Islet_2 peak85114 Input motif hits

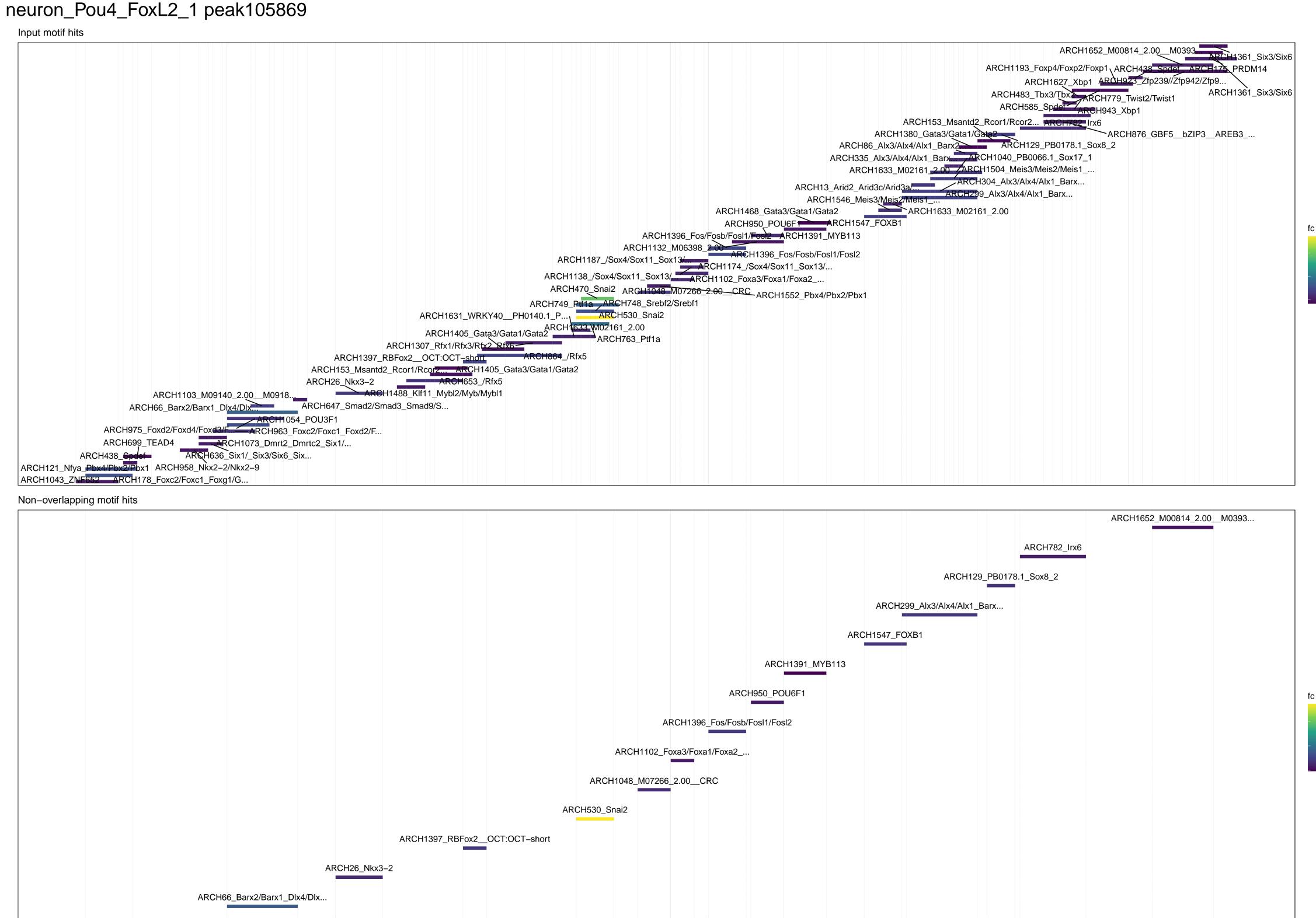


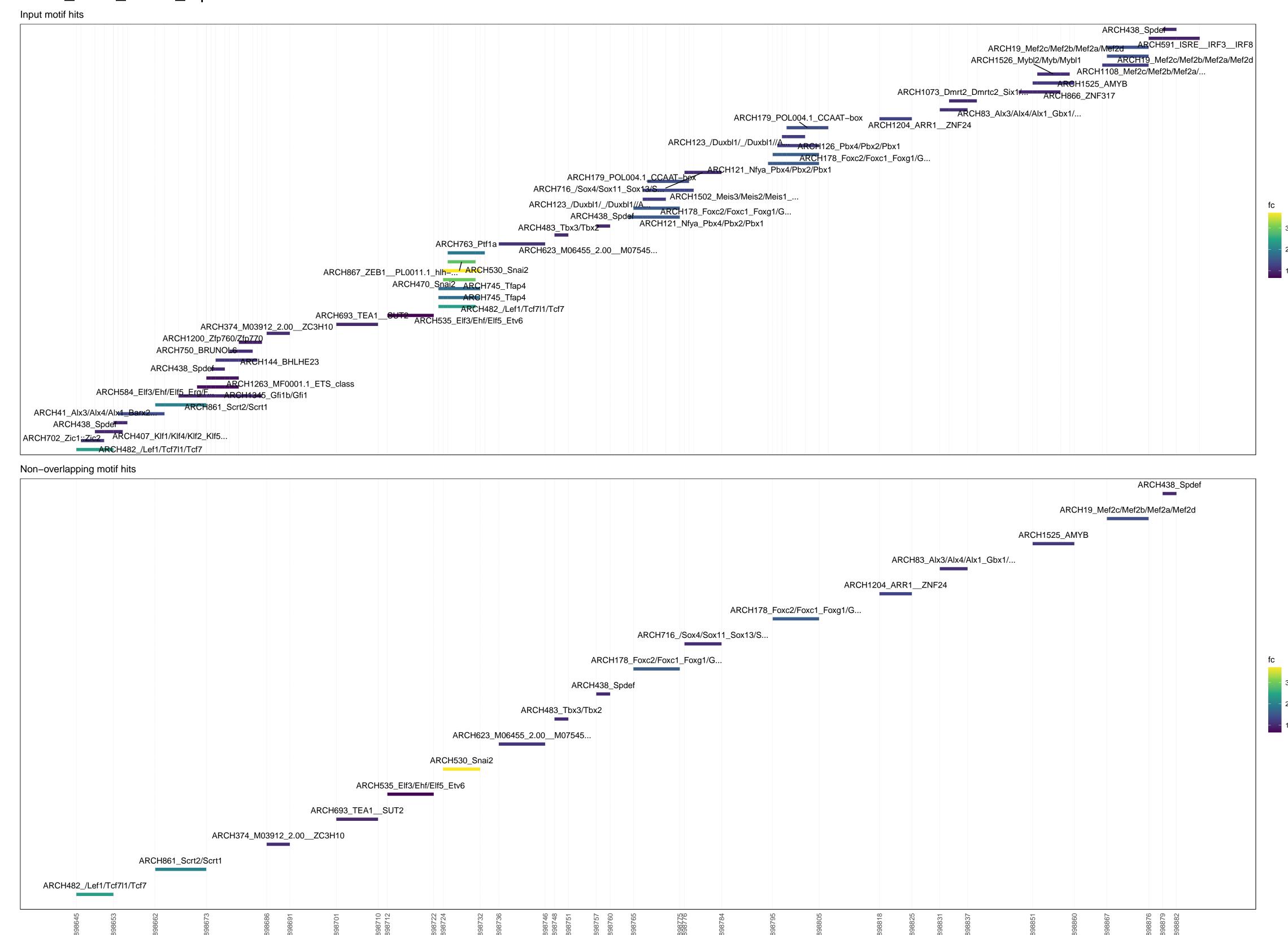


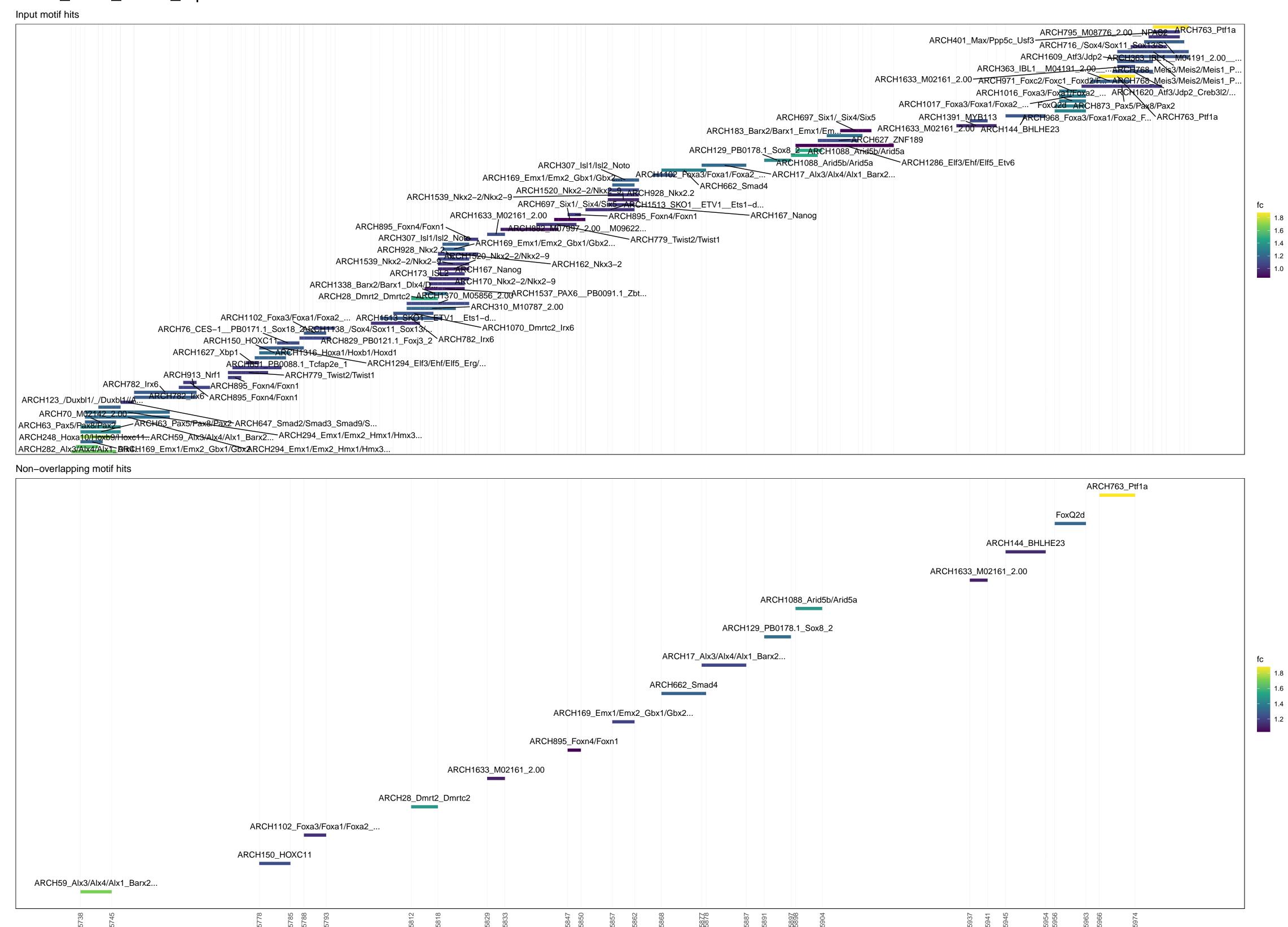


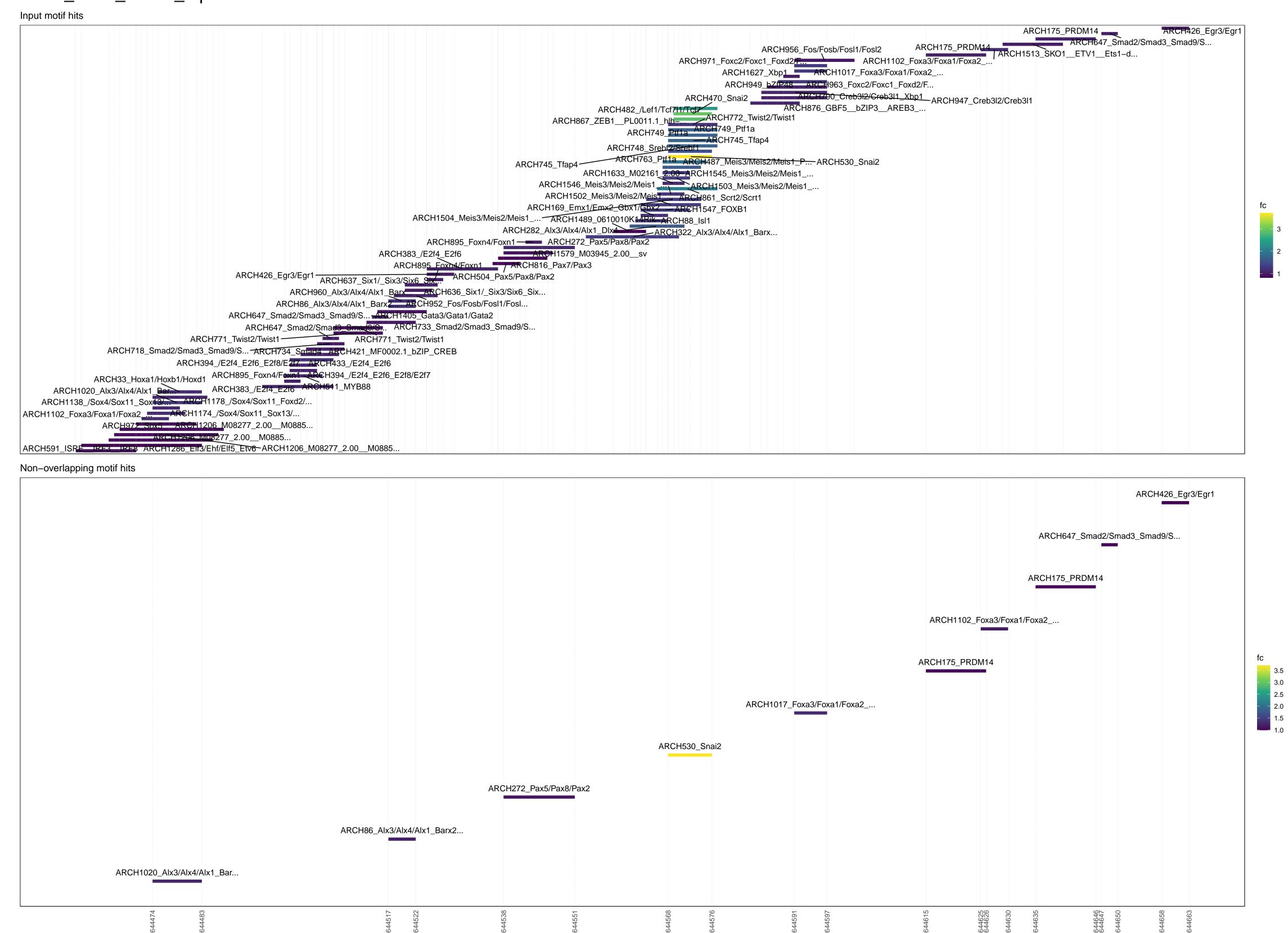


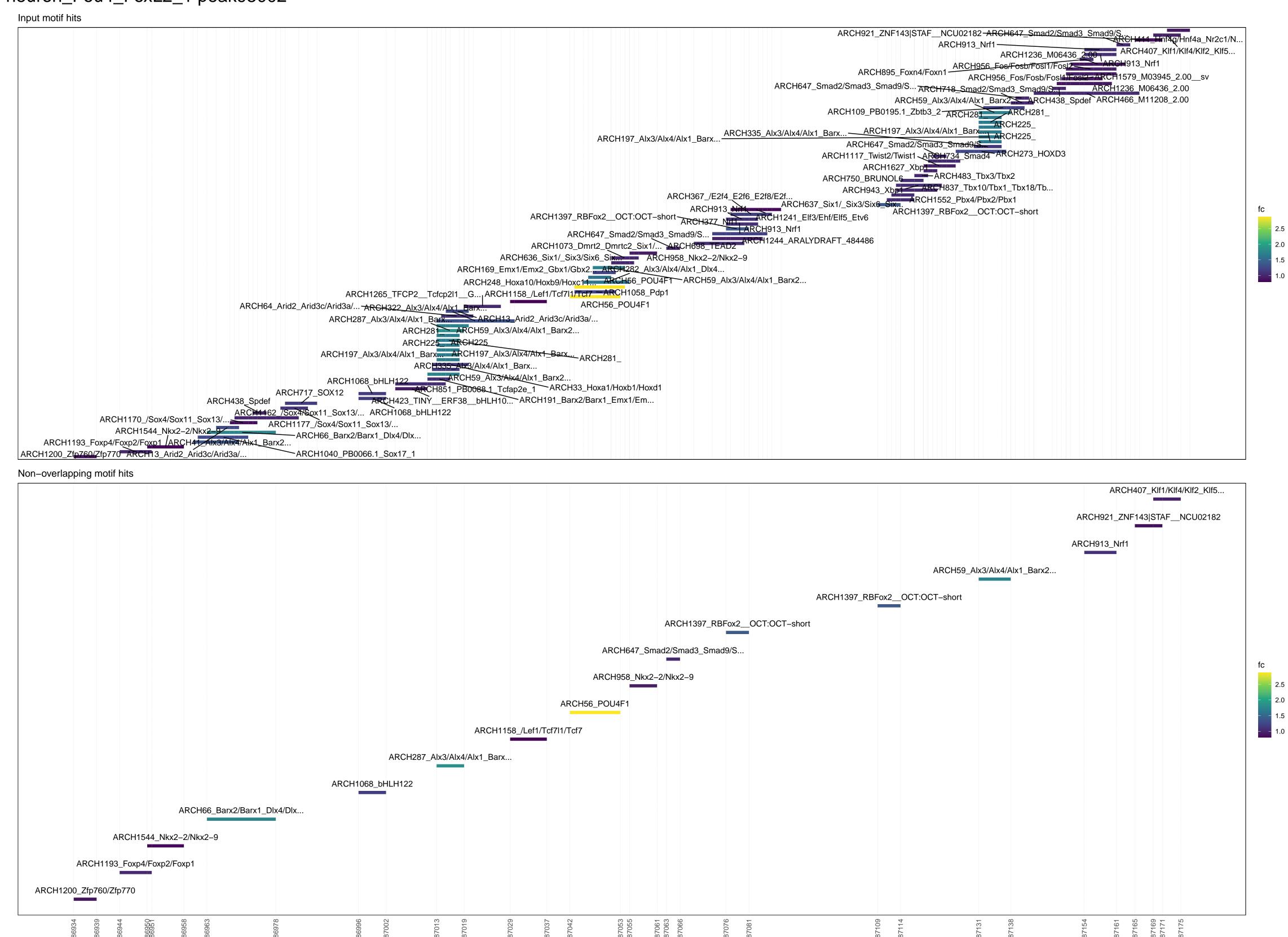
ARCH178_Foxc2/Foxc1_Foxg1/G...







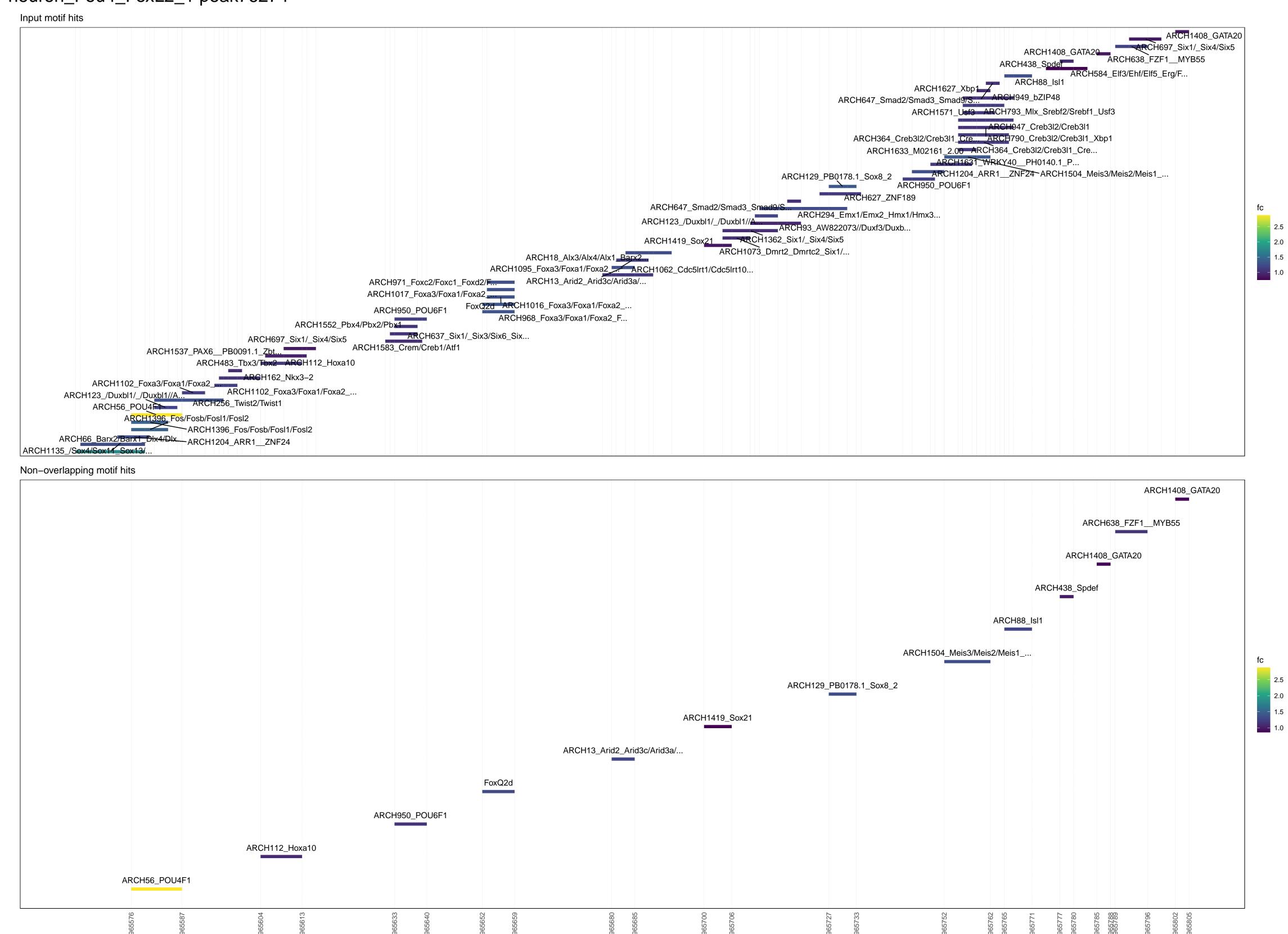


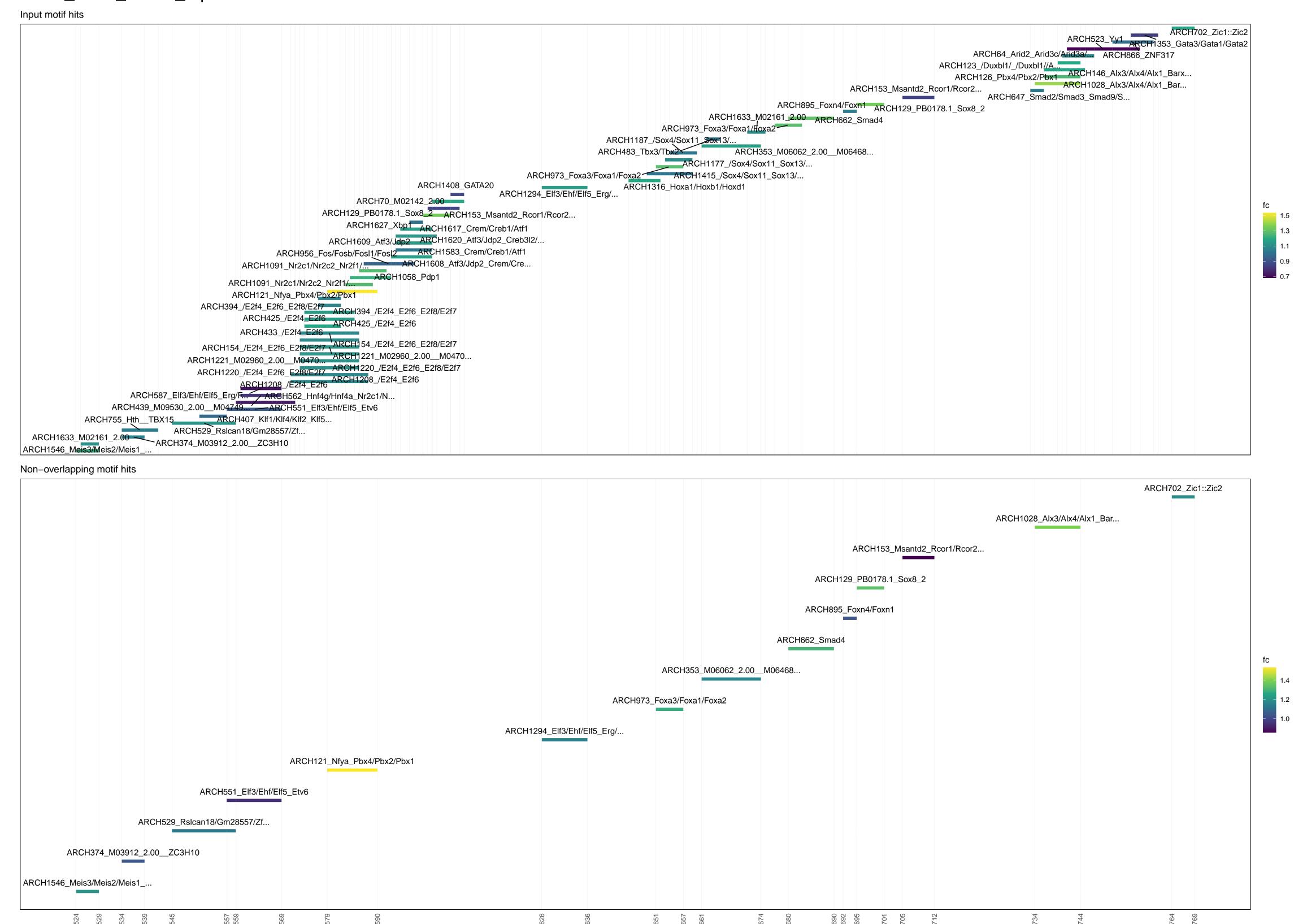


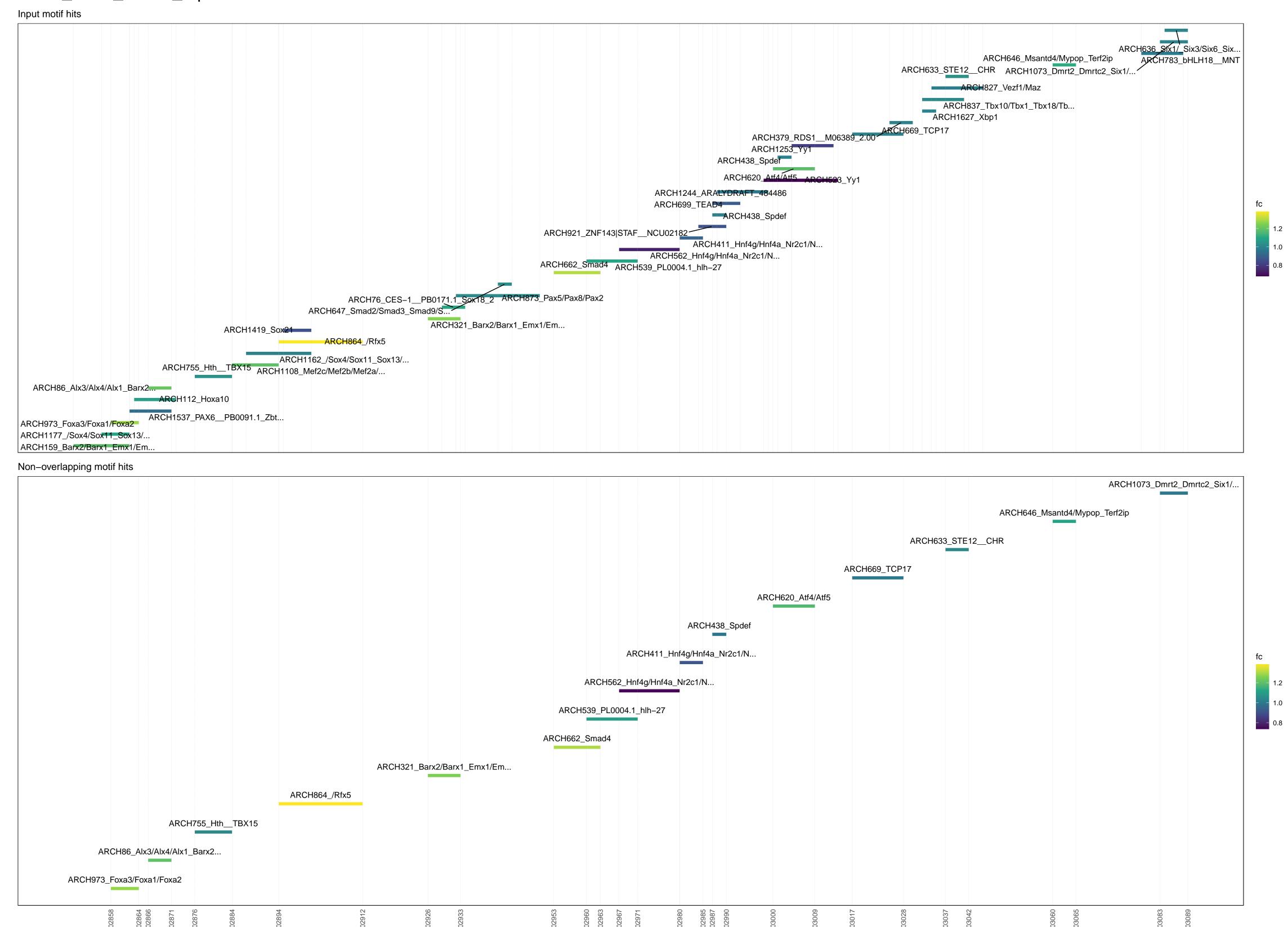
genomic position

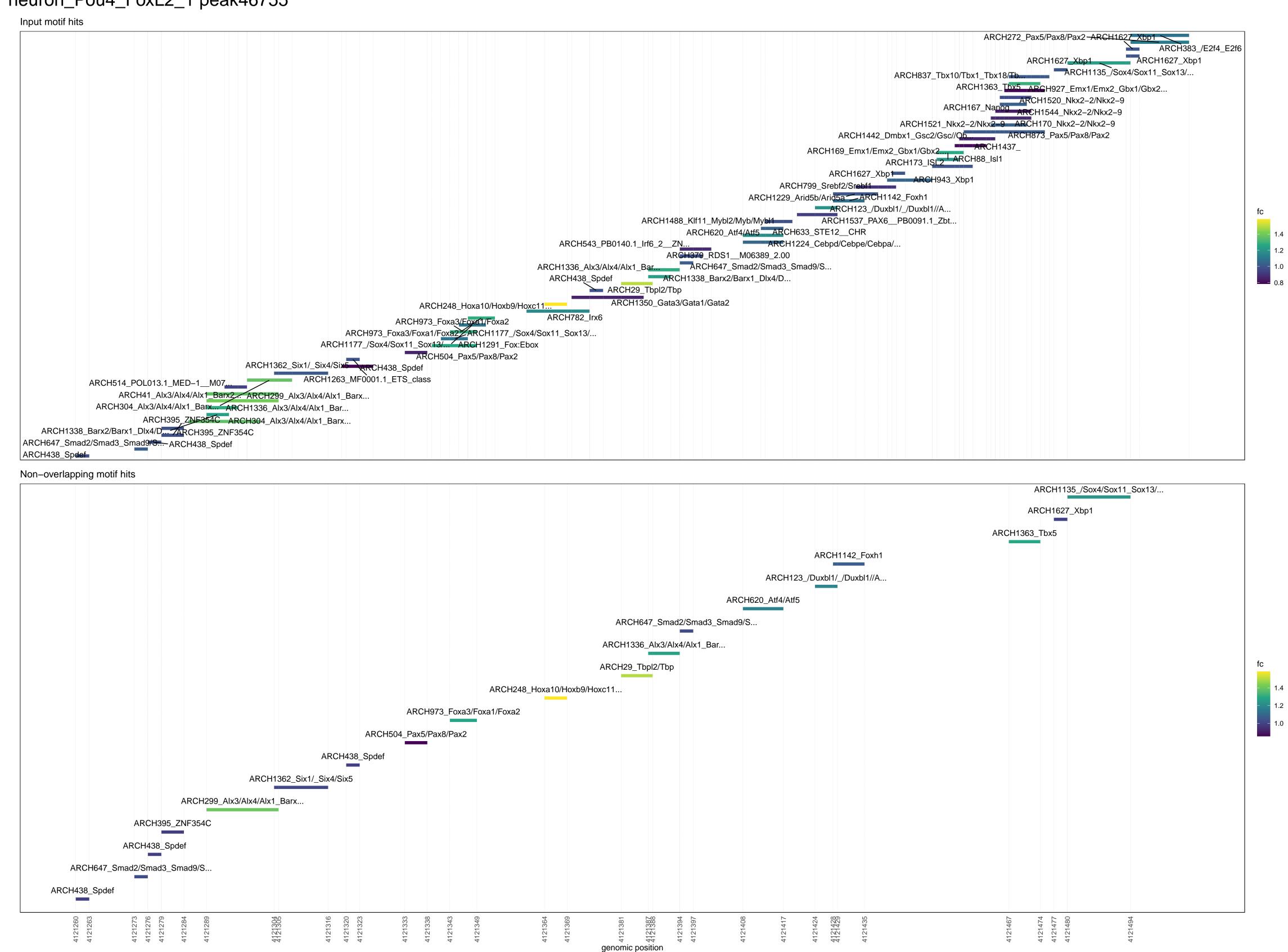
2.0

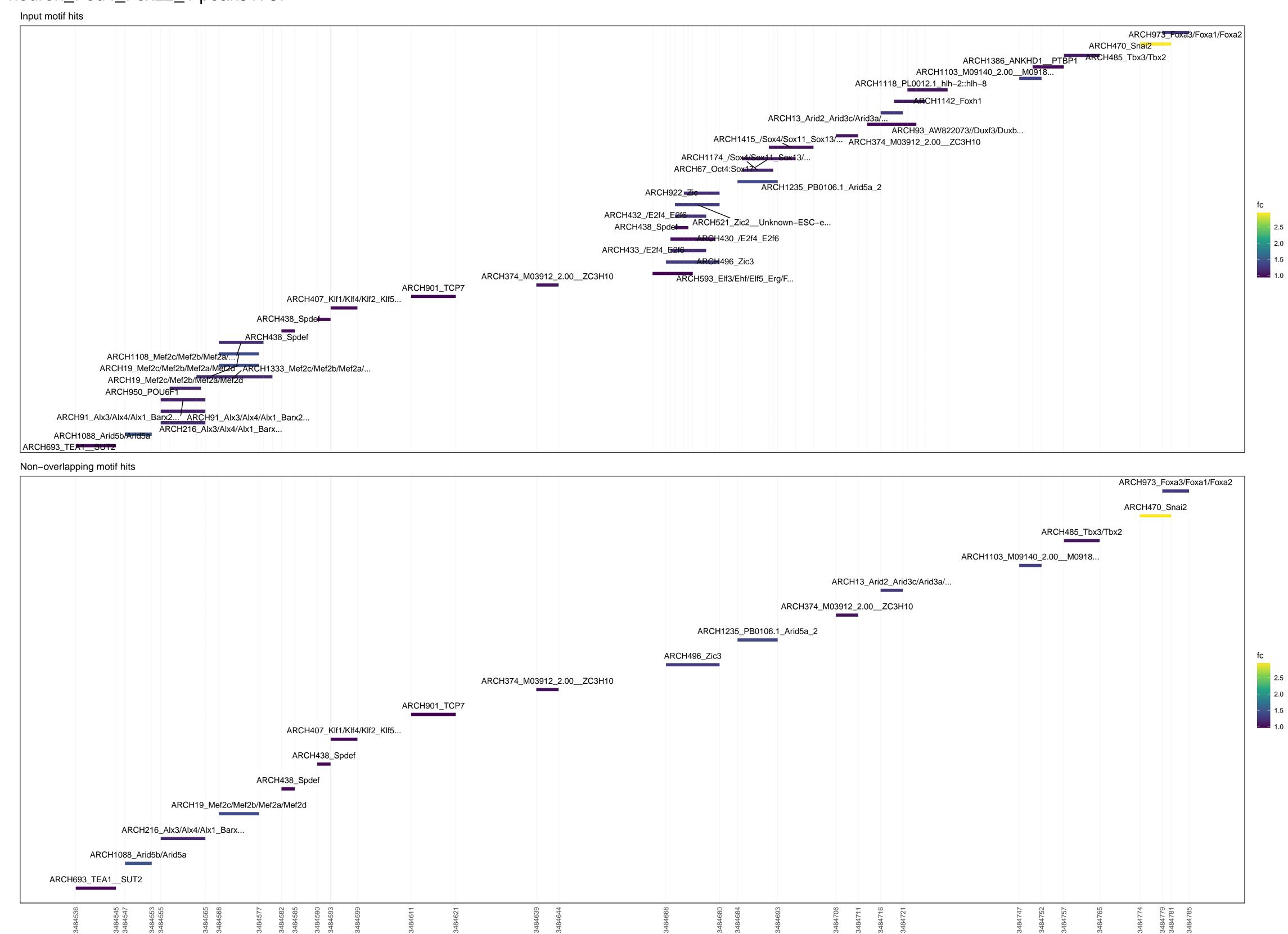
1.5

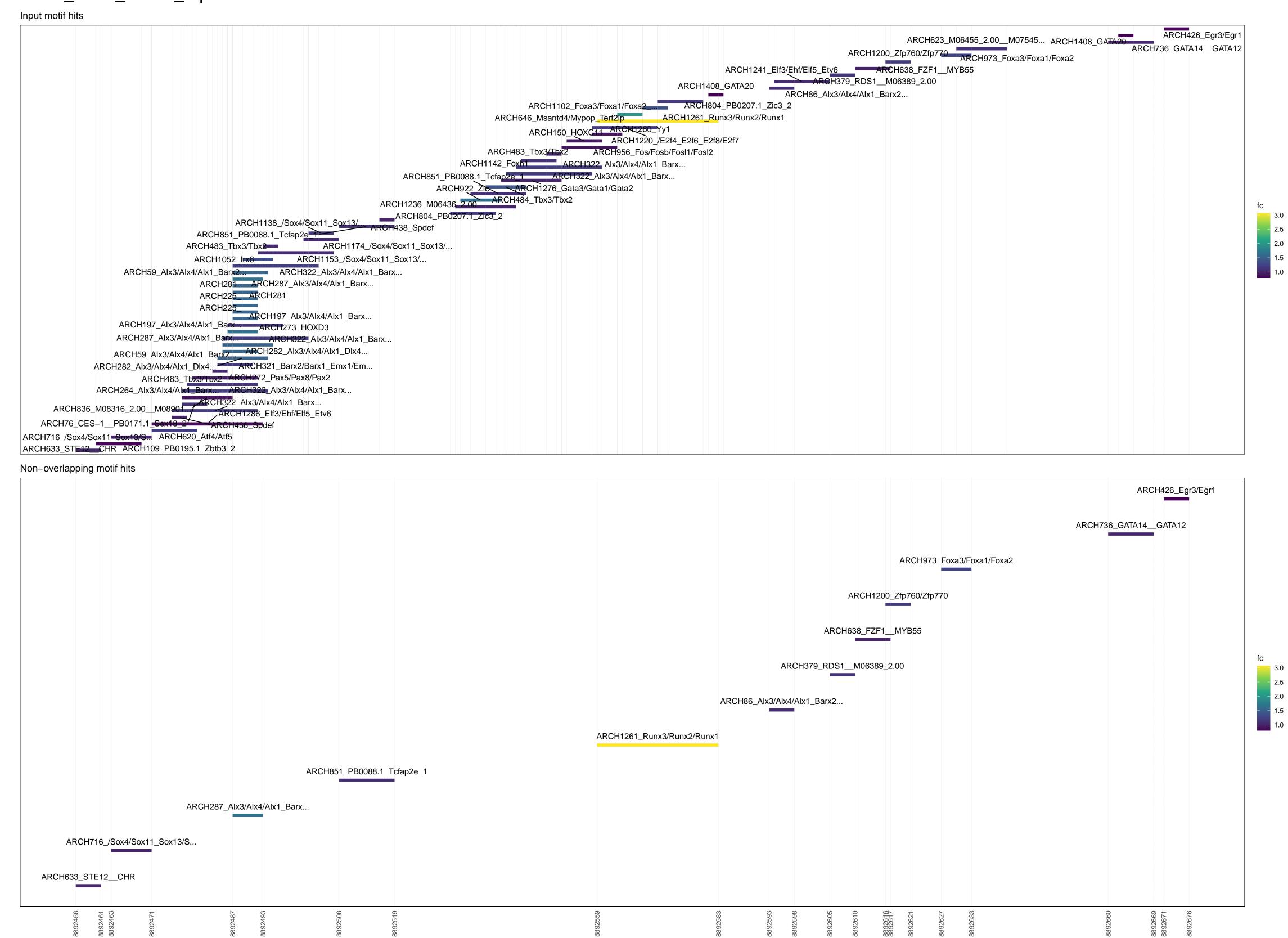


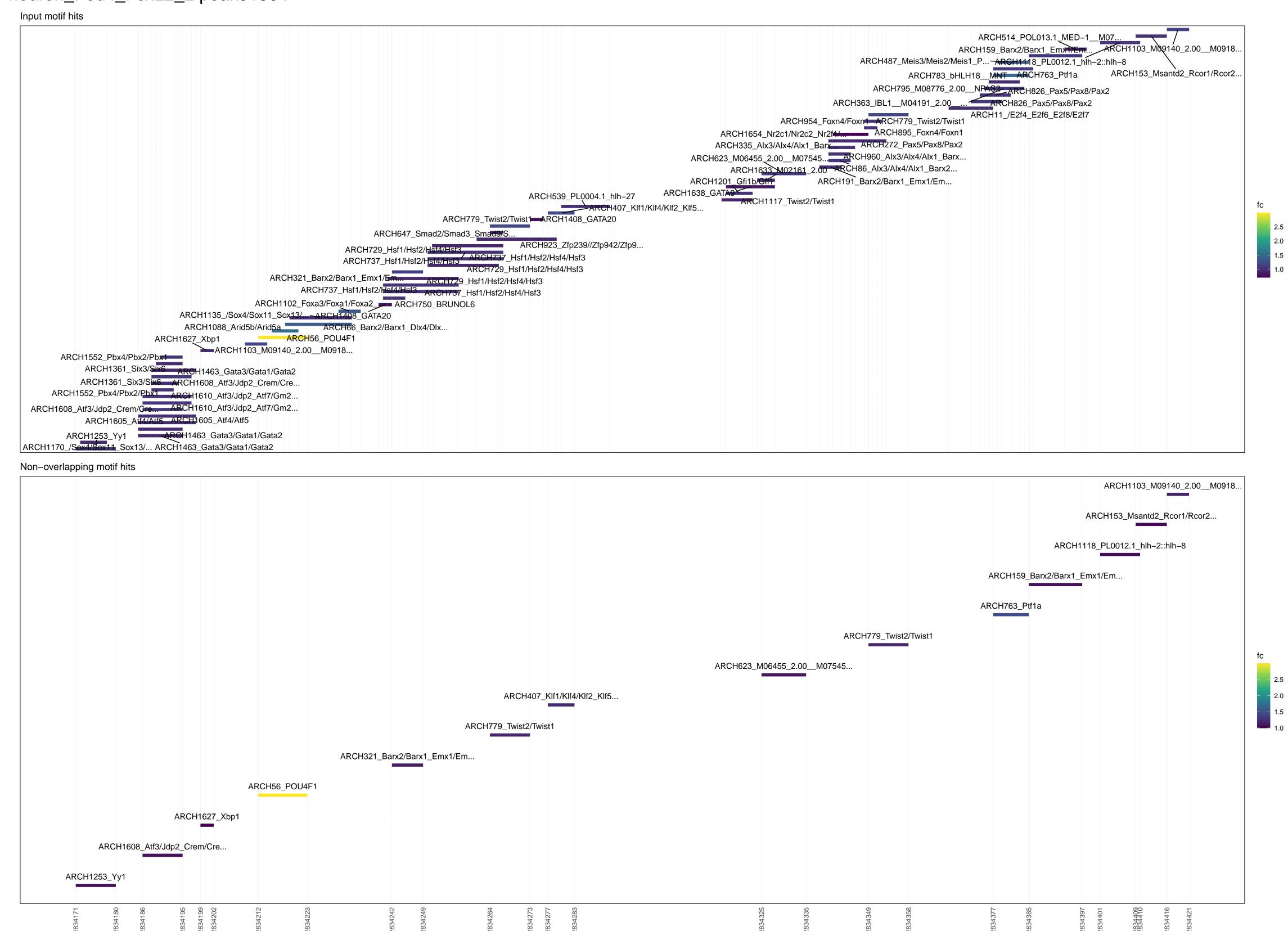


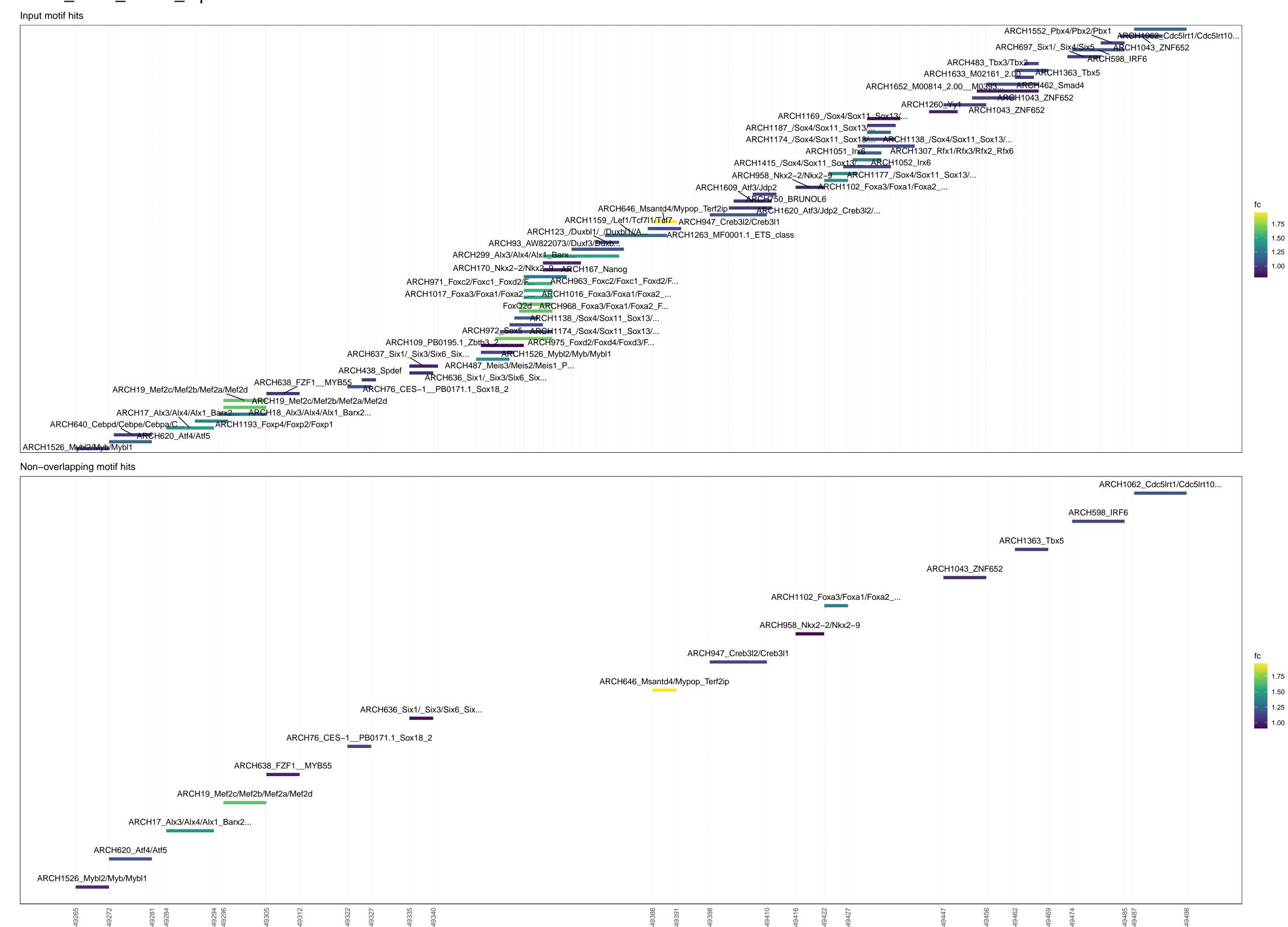


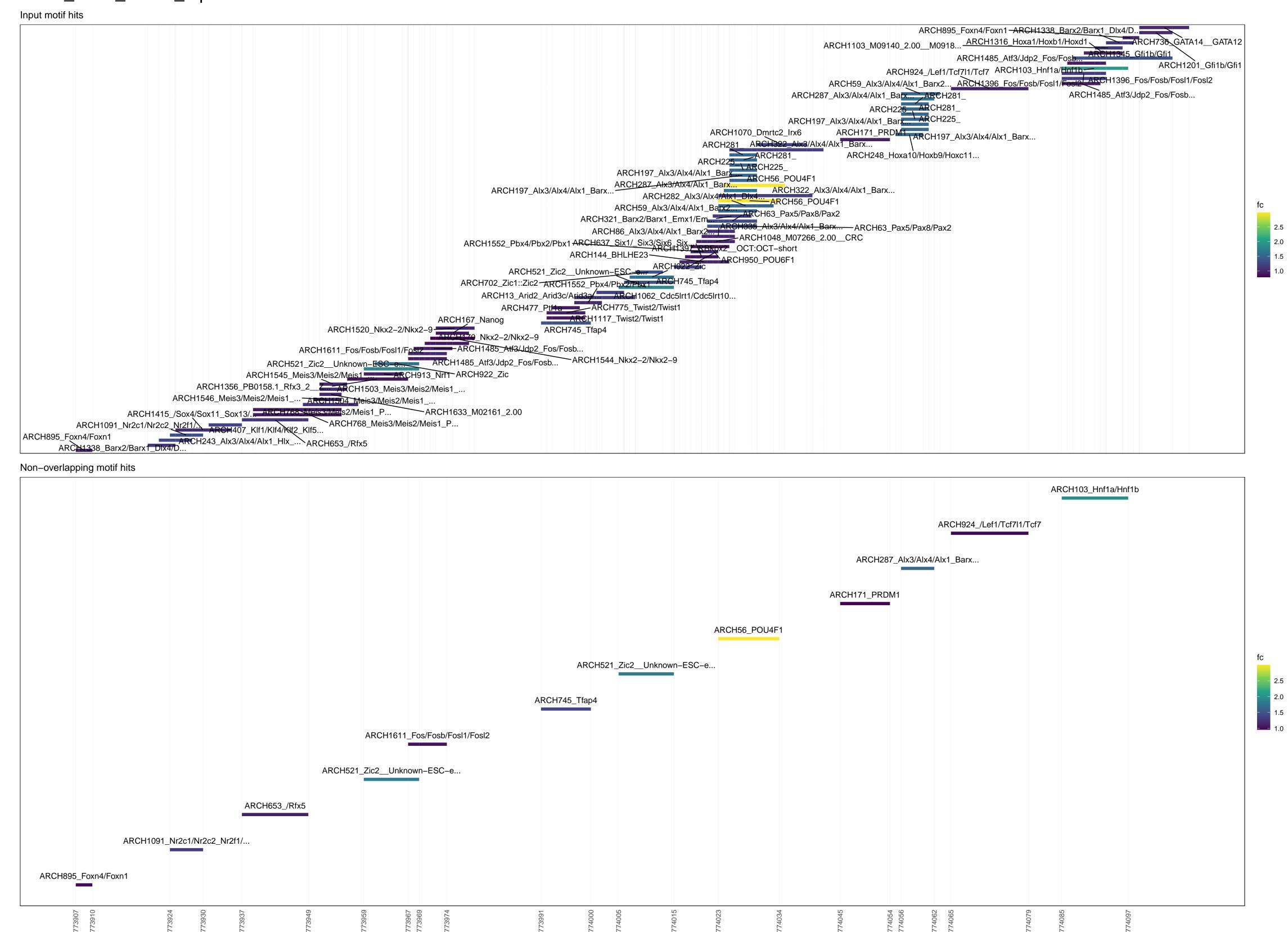


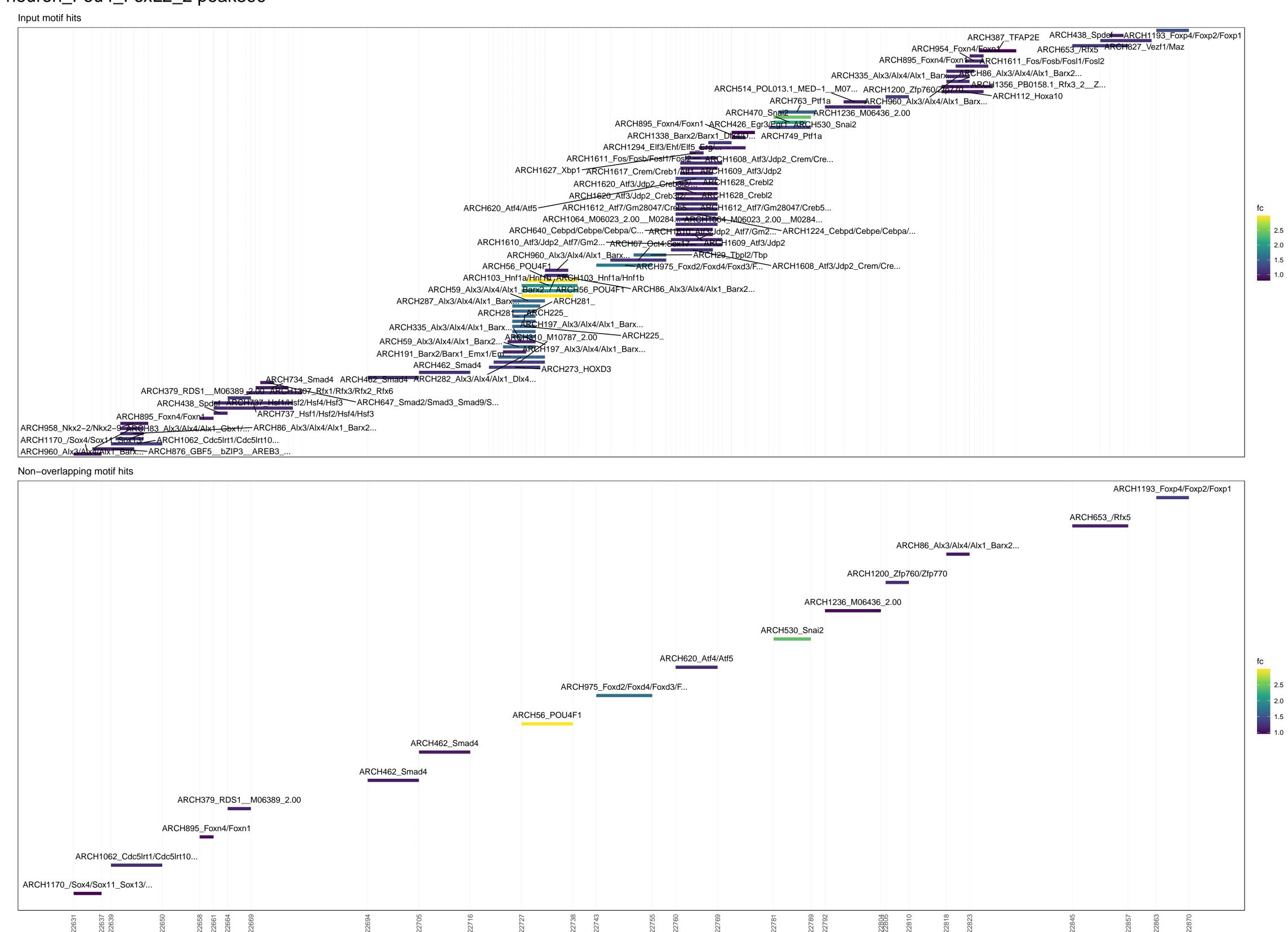


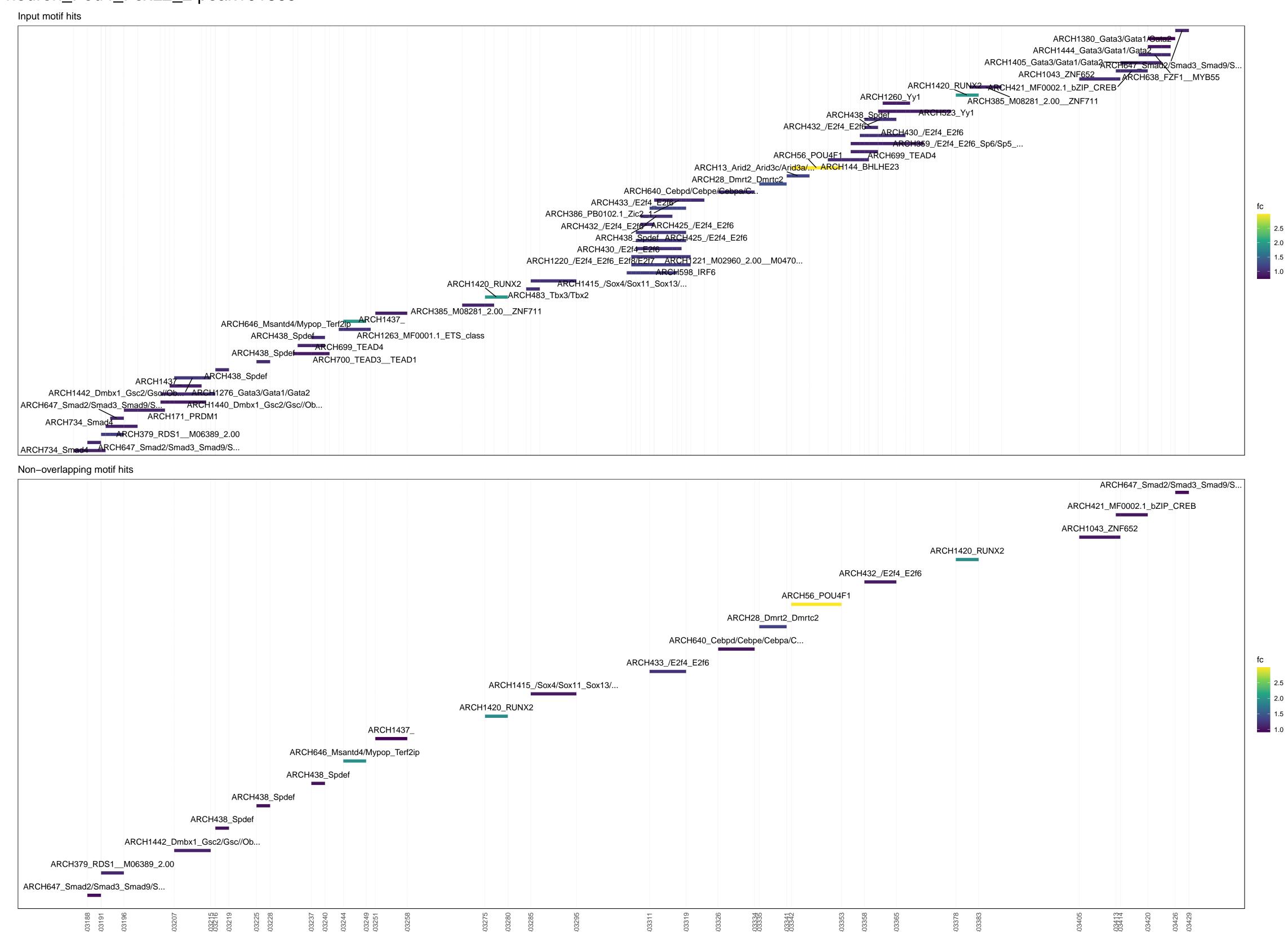


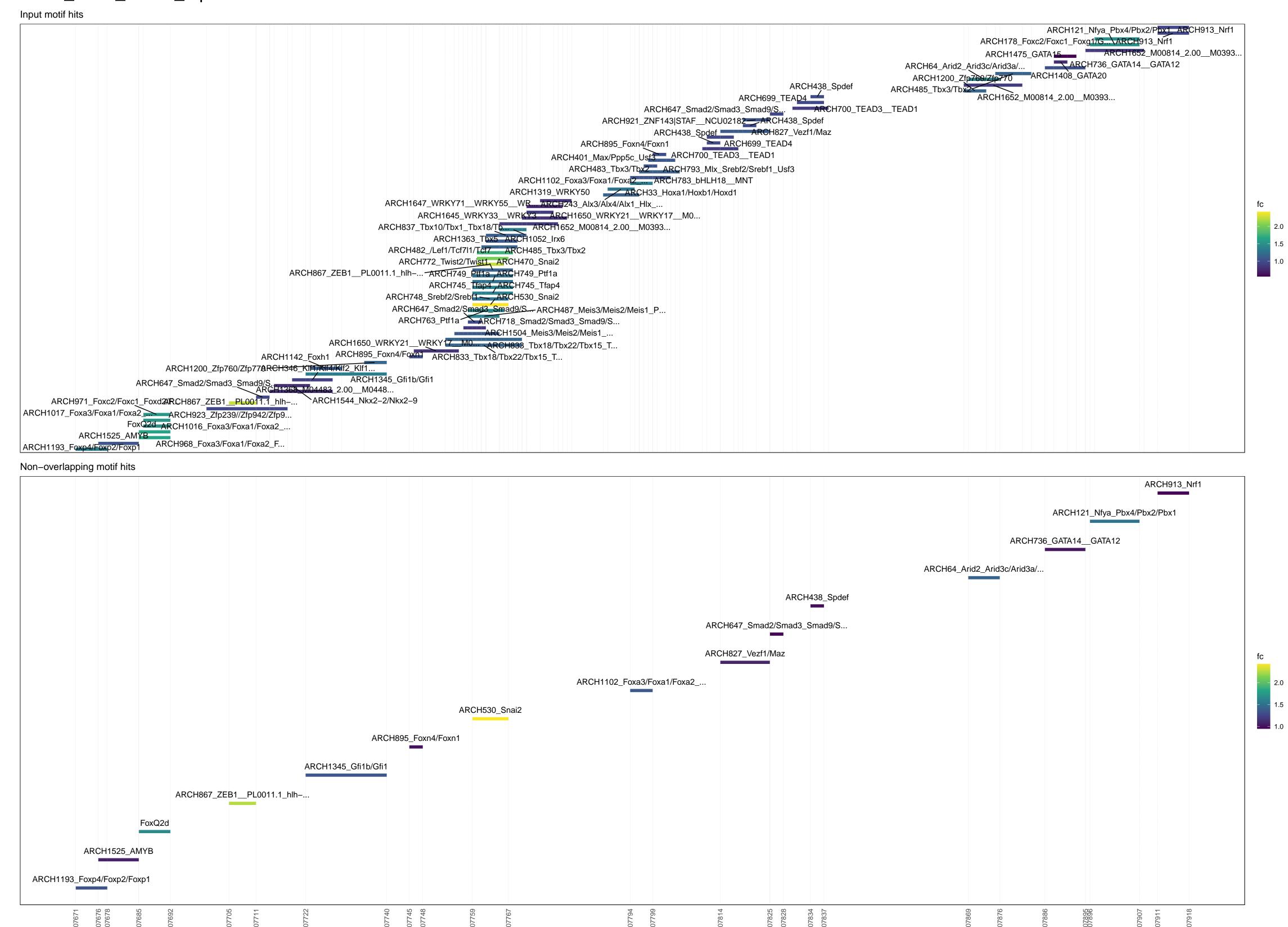


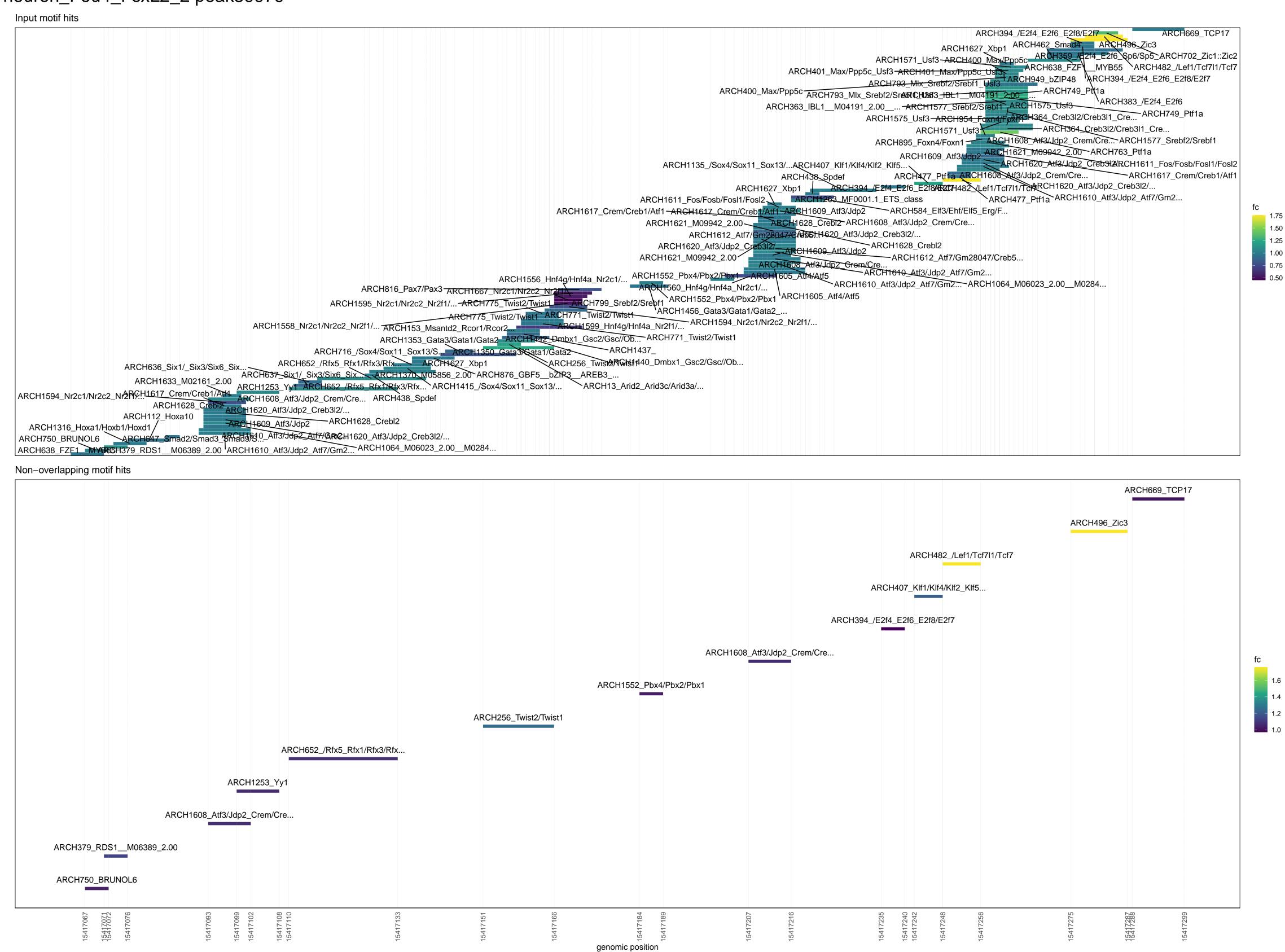


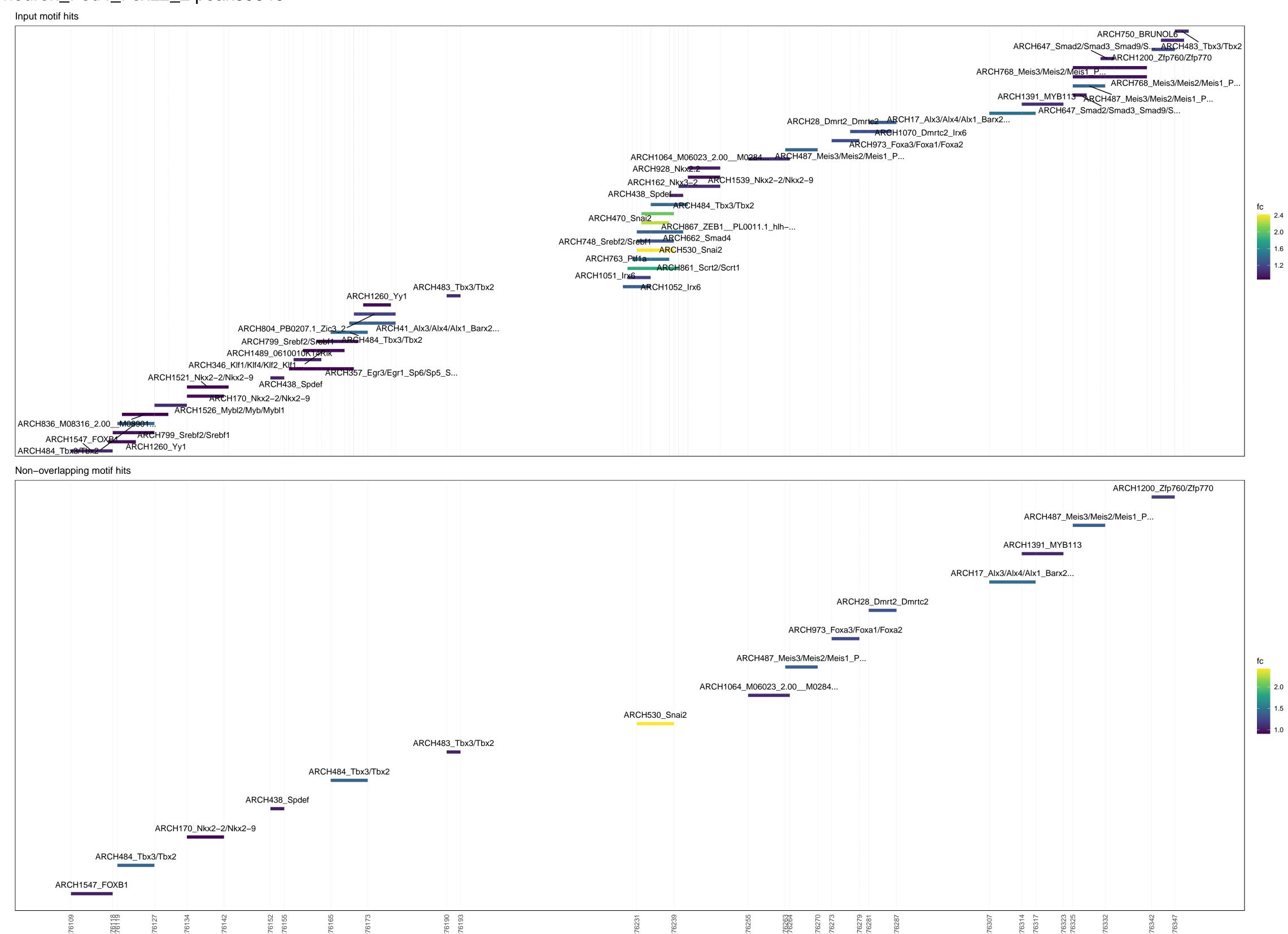


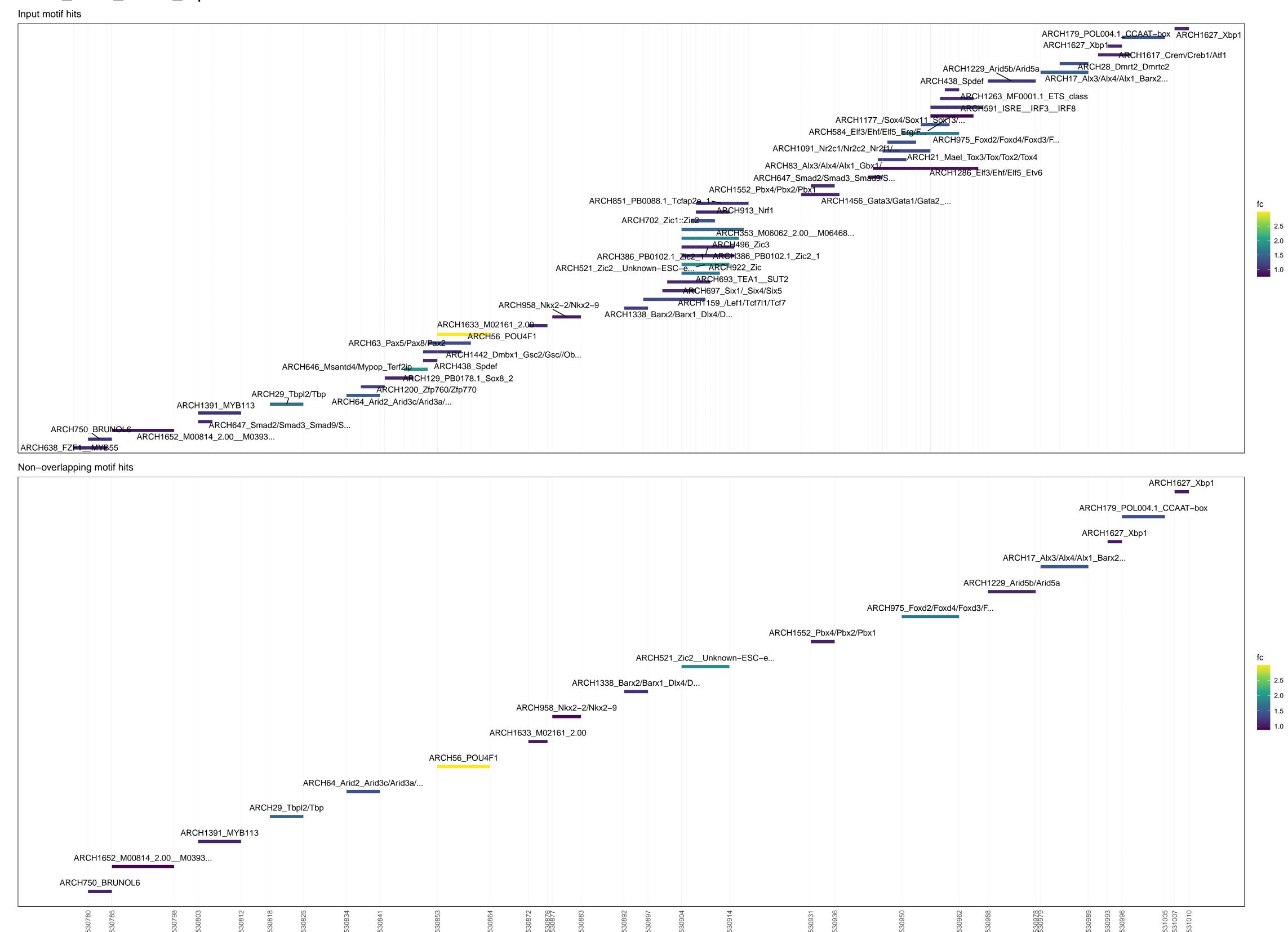


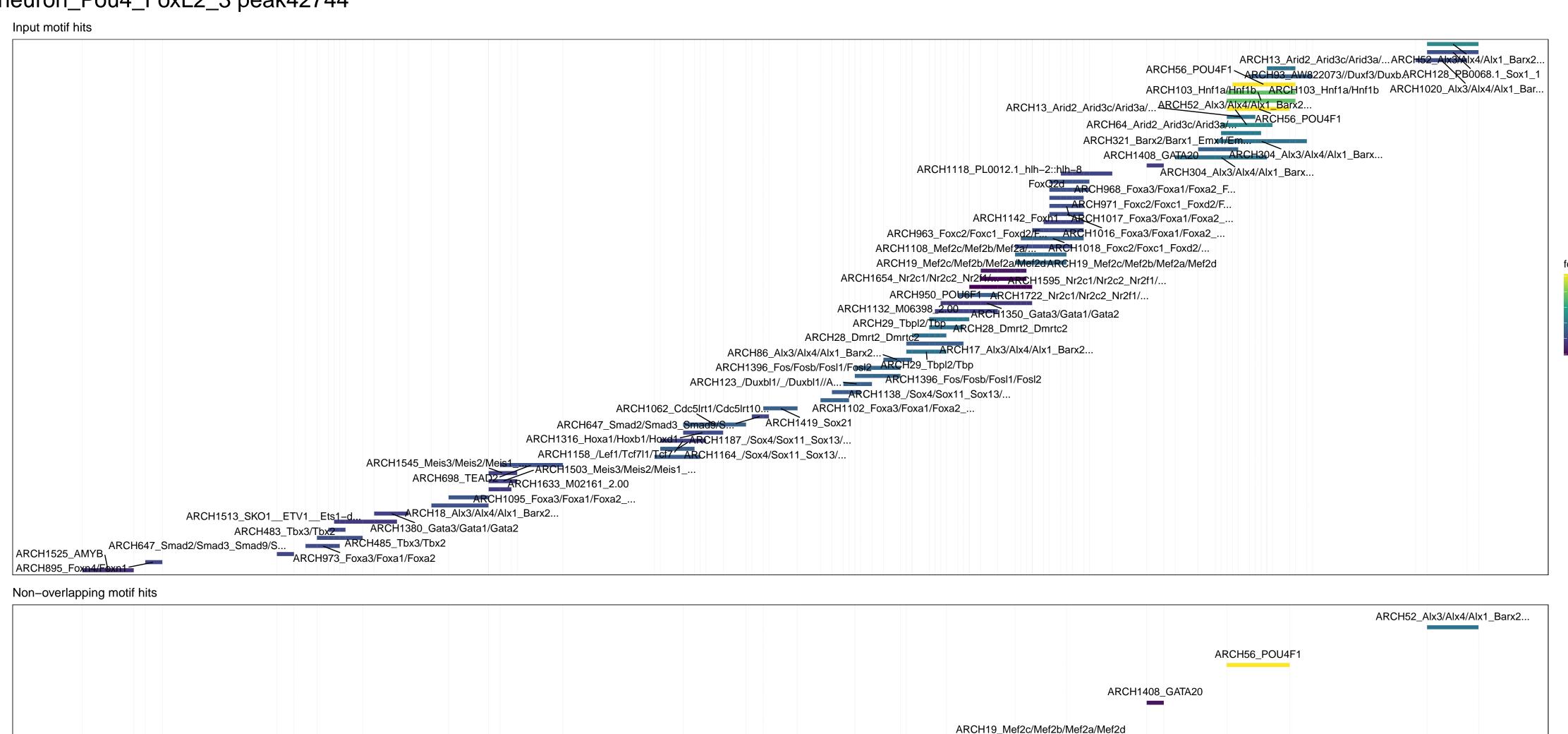












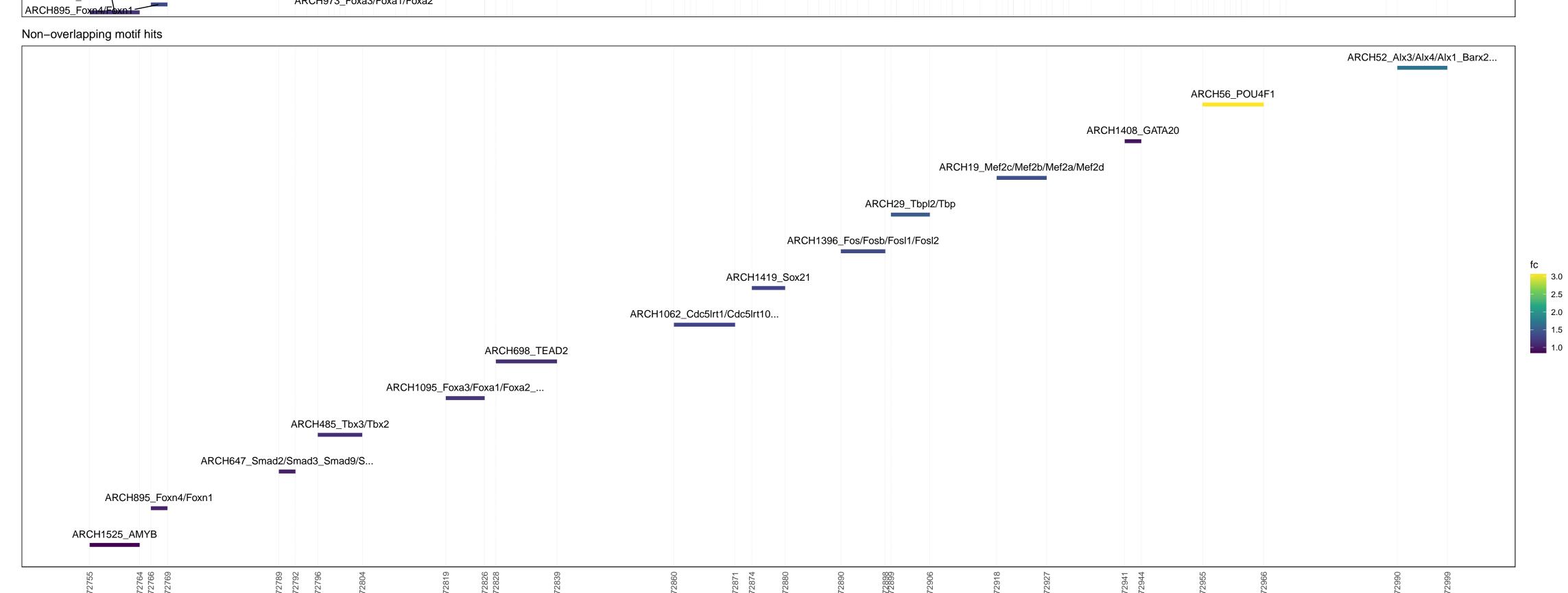
2.5

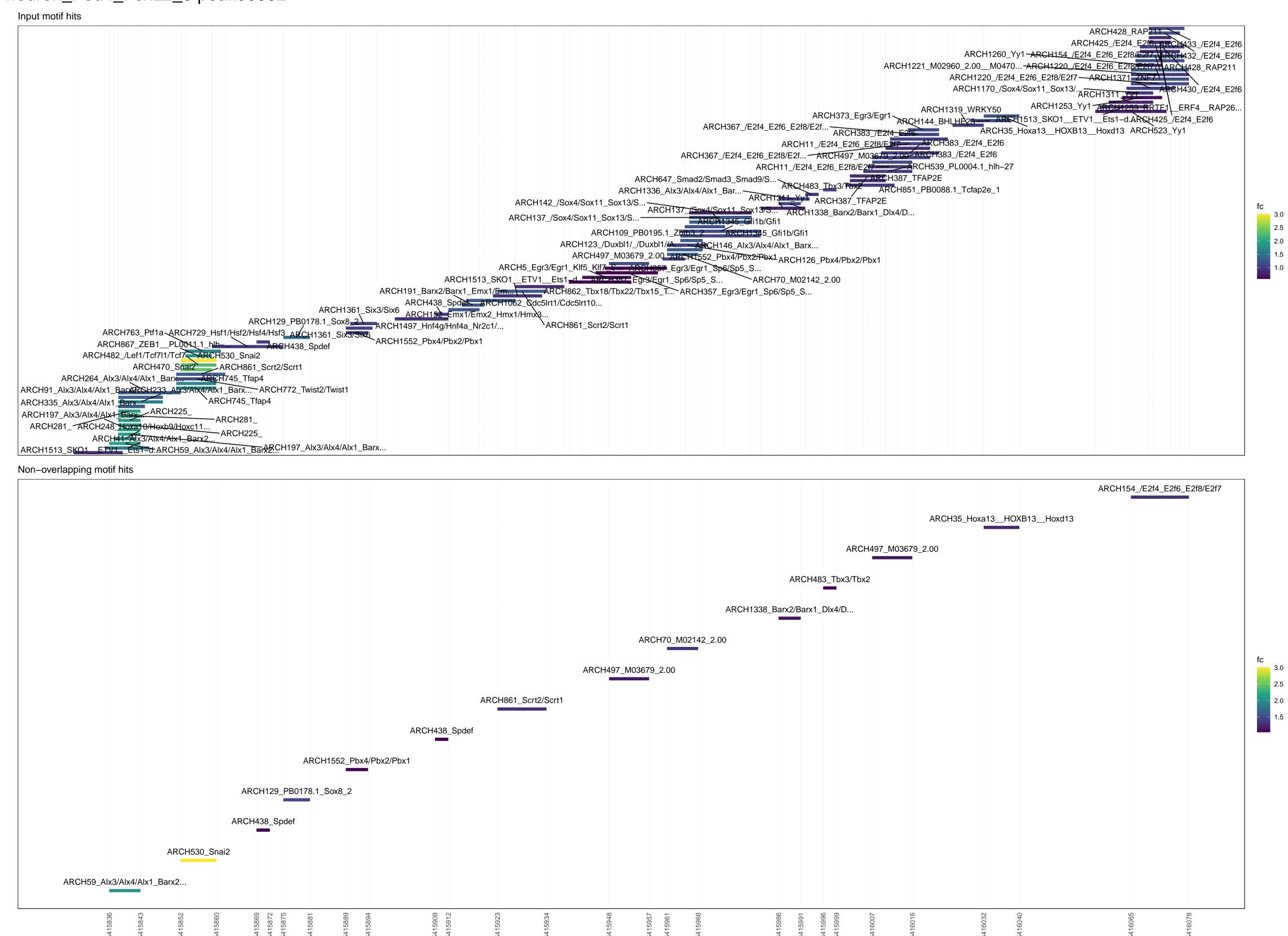
2.0

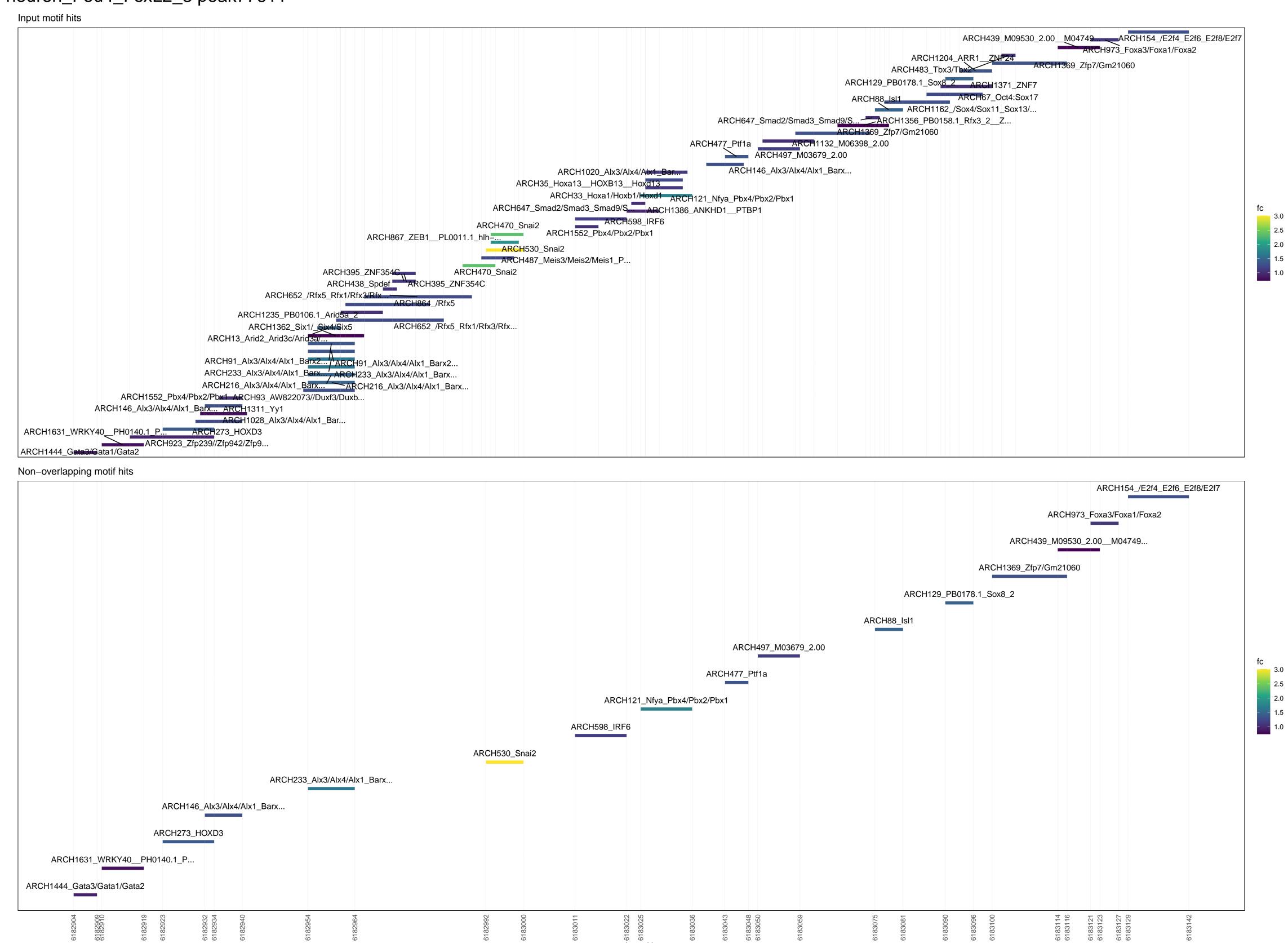
1.5

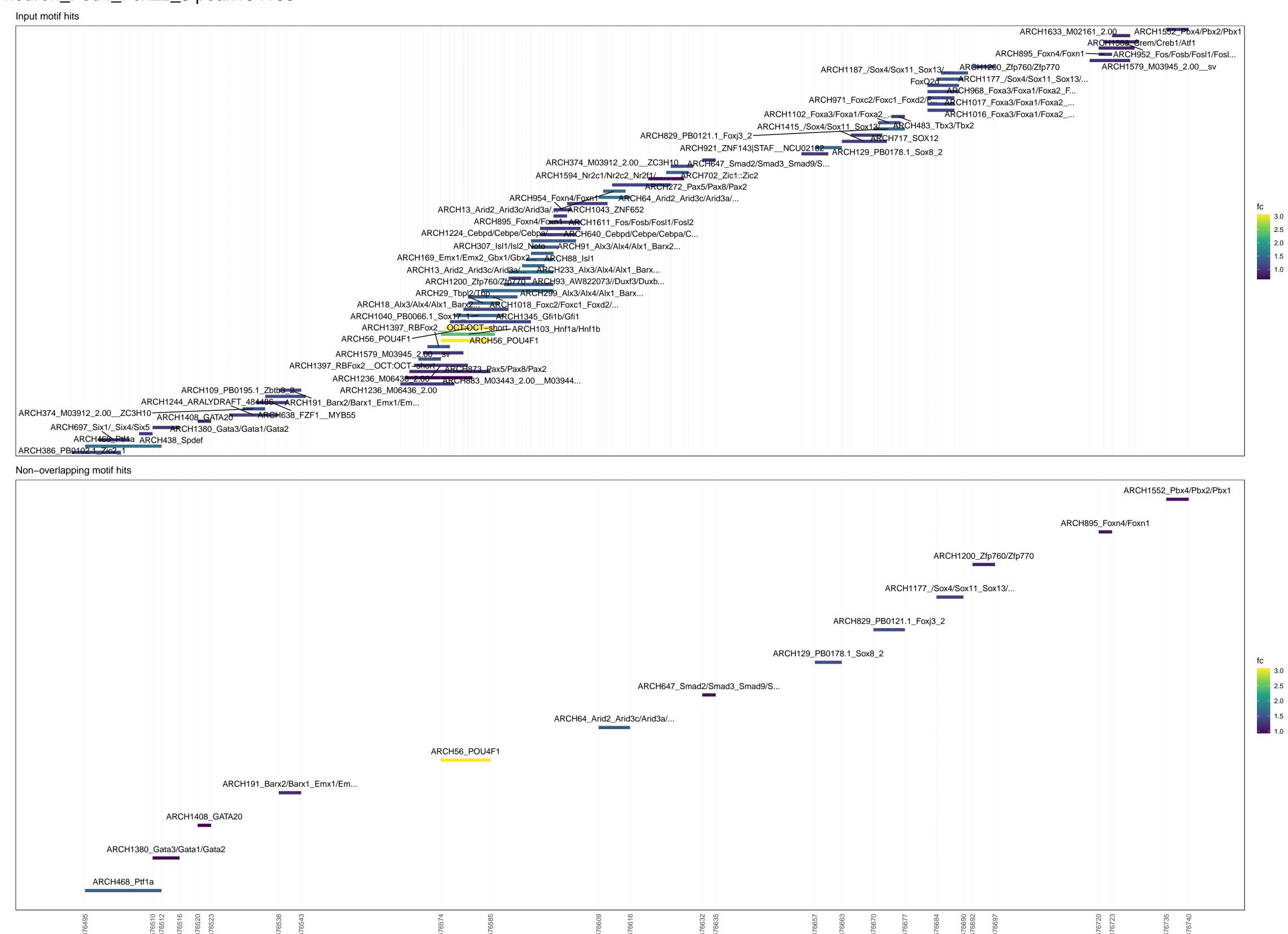
3.0

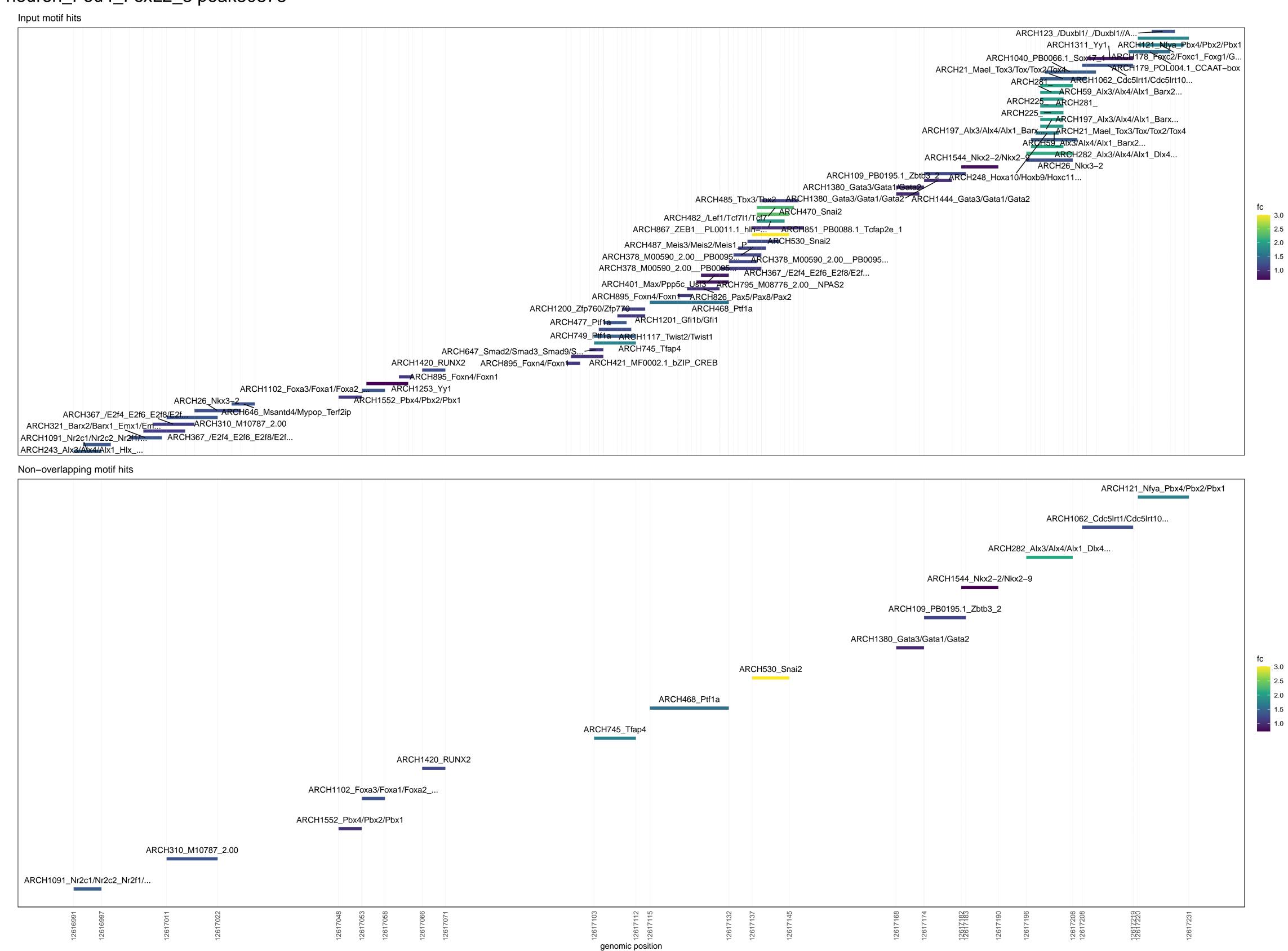
1.5

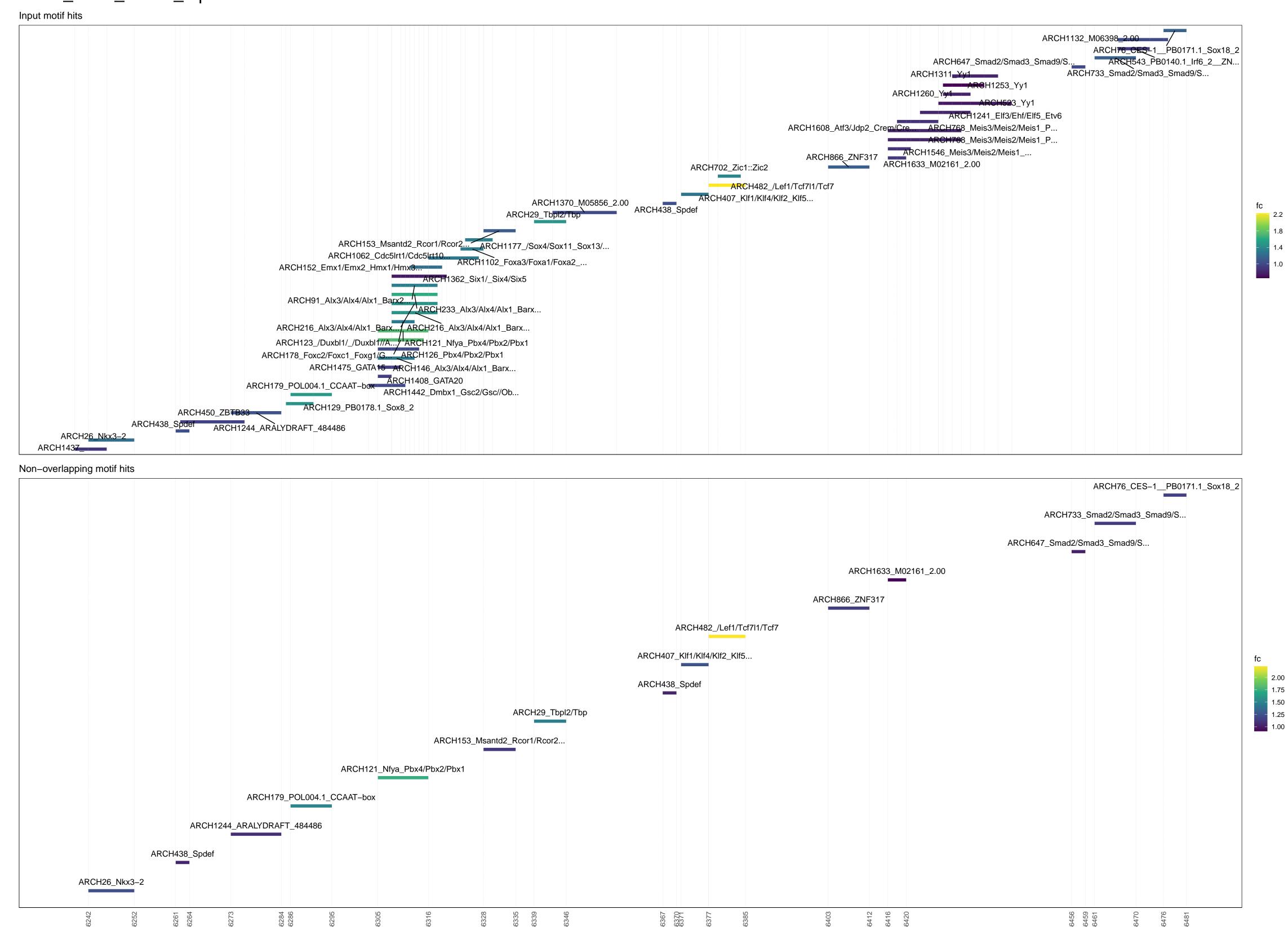


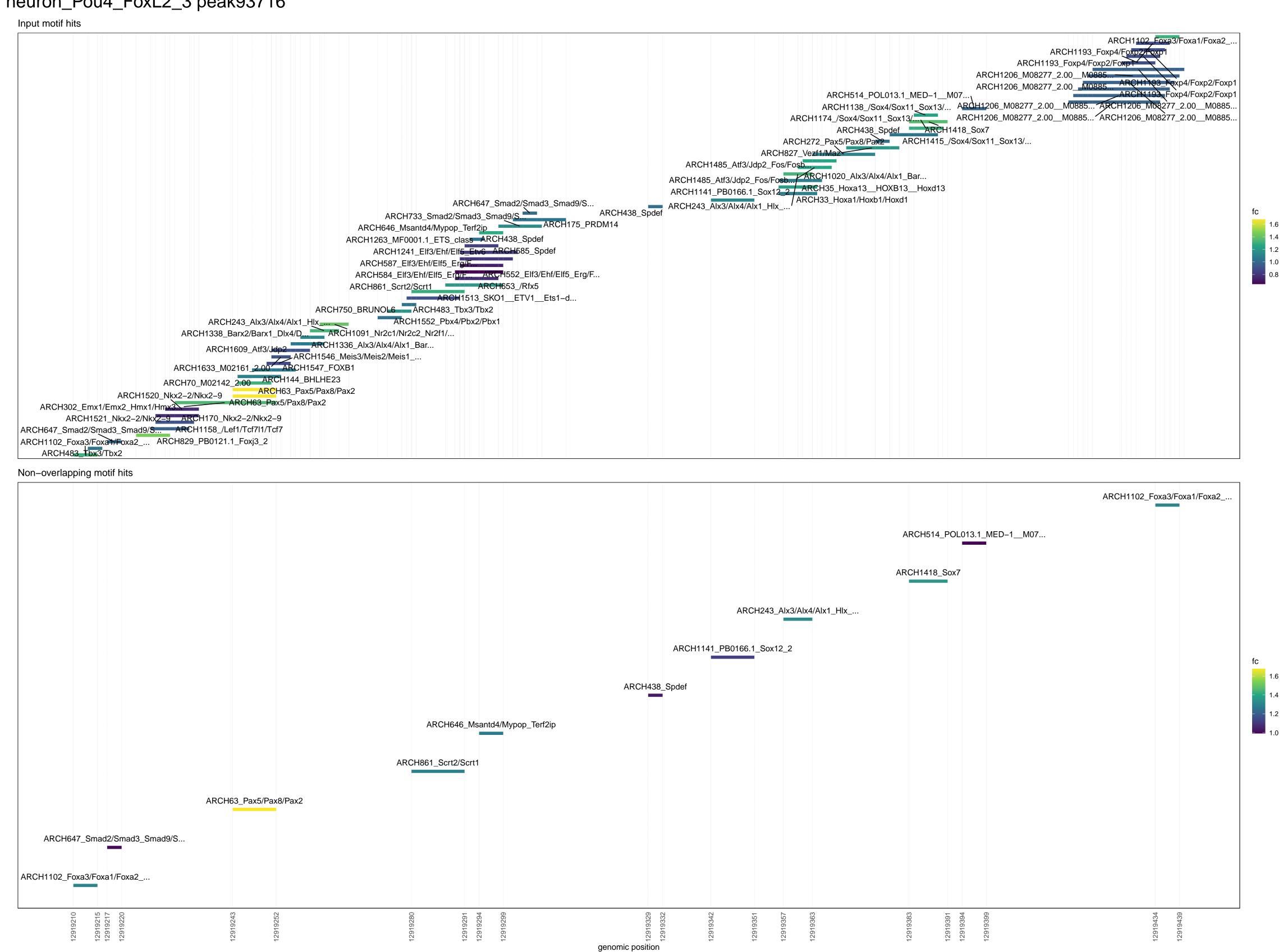


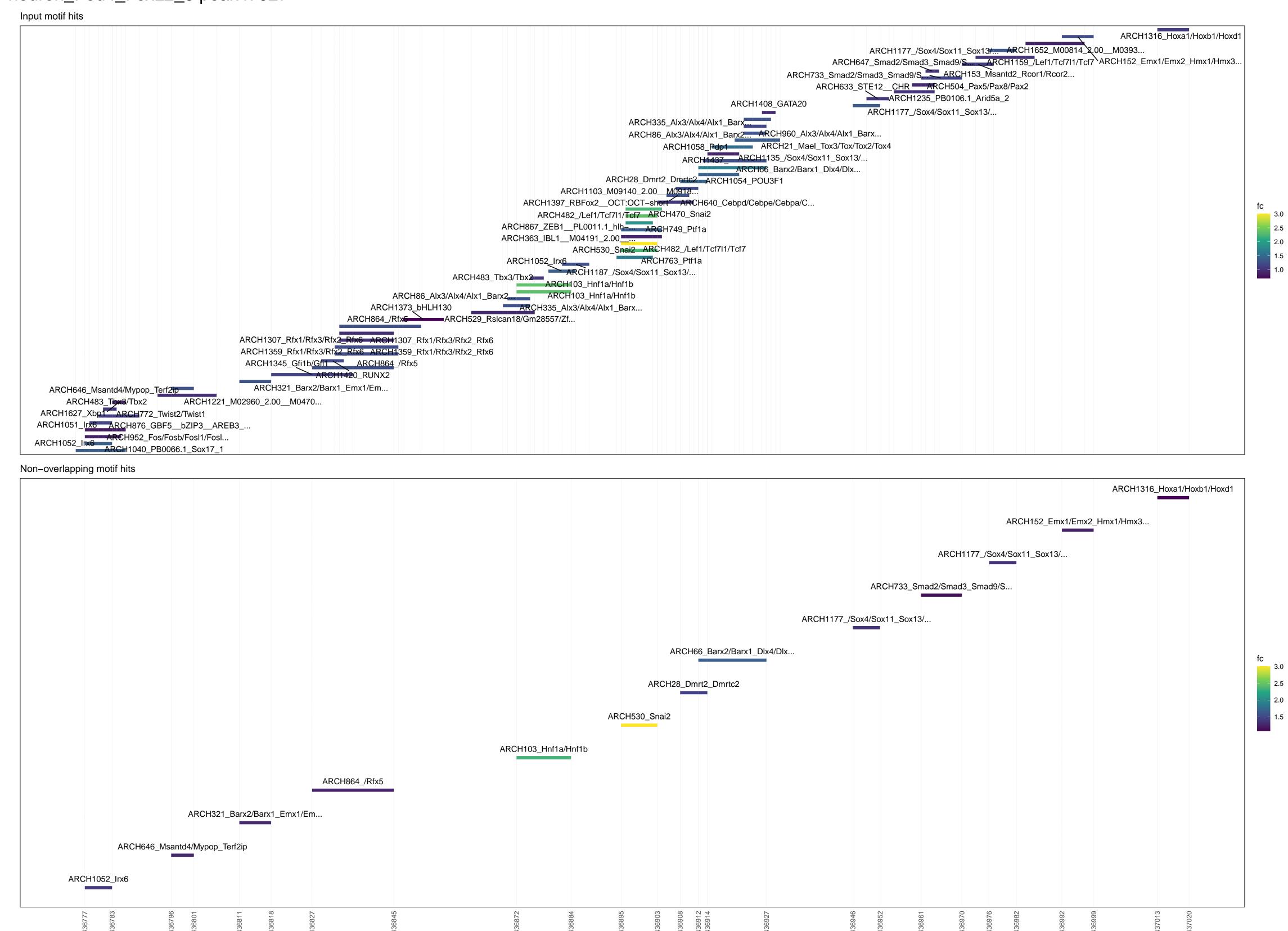


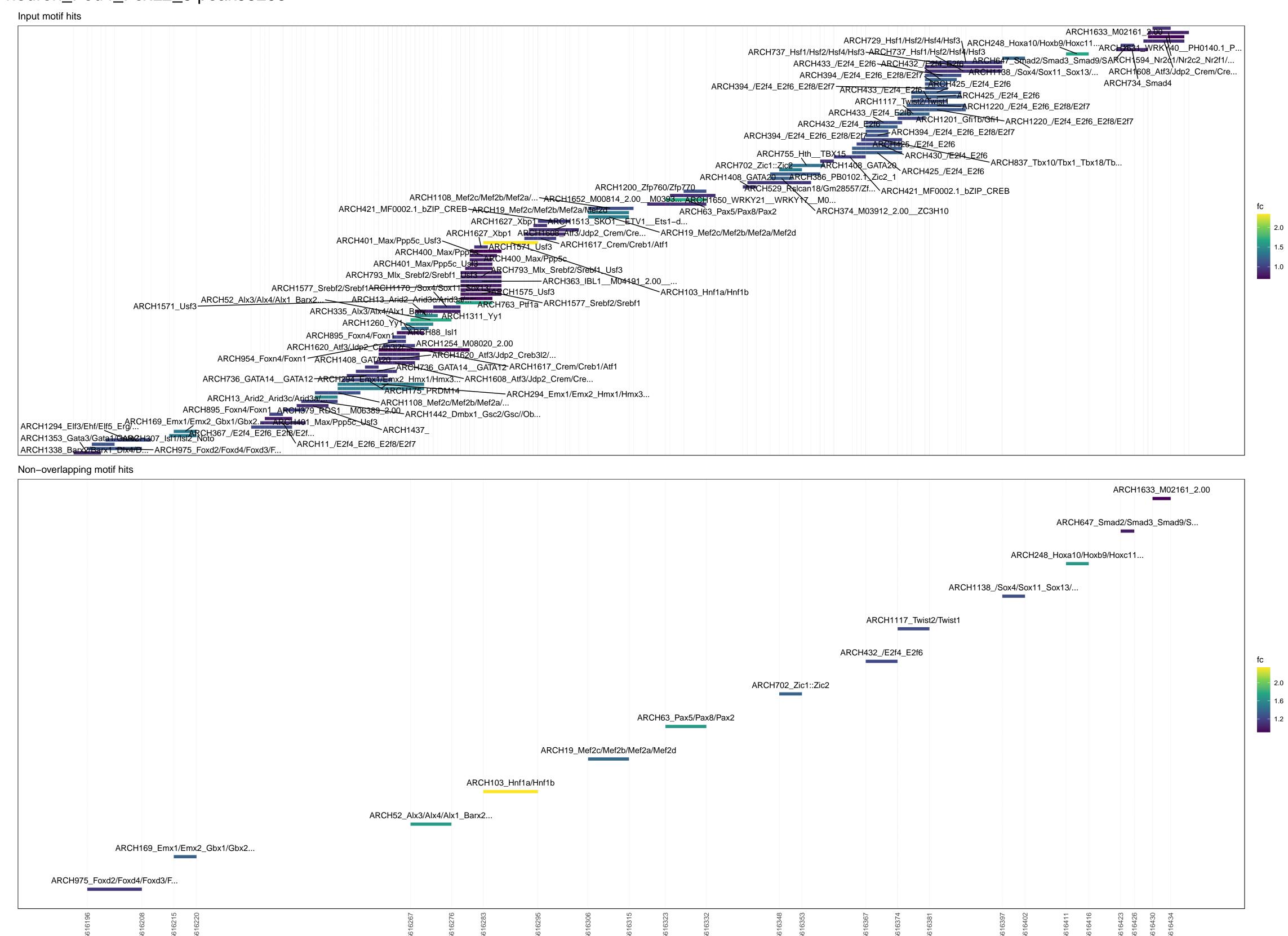




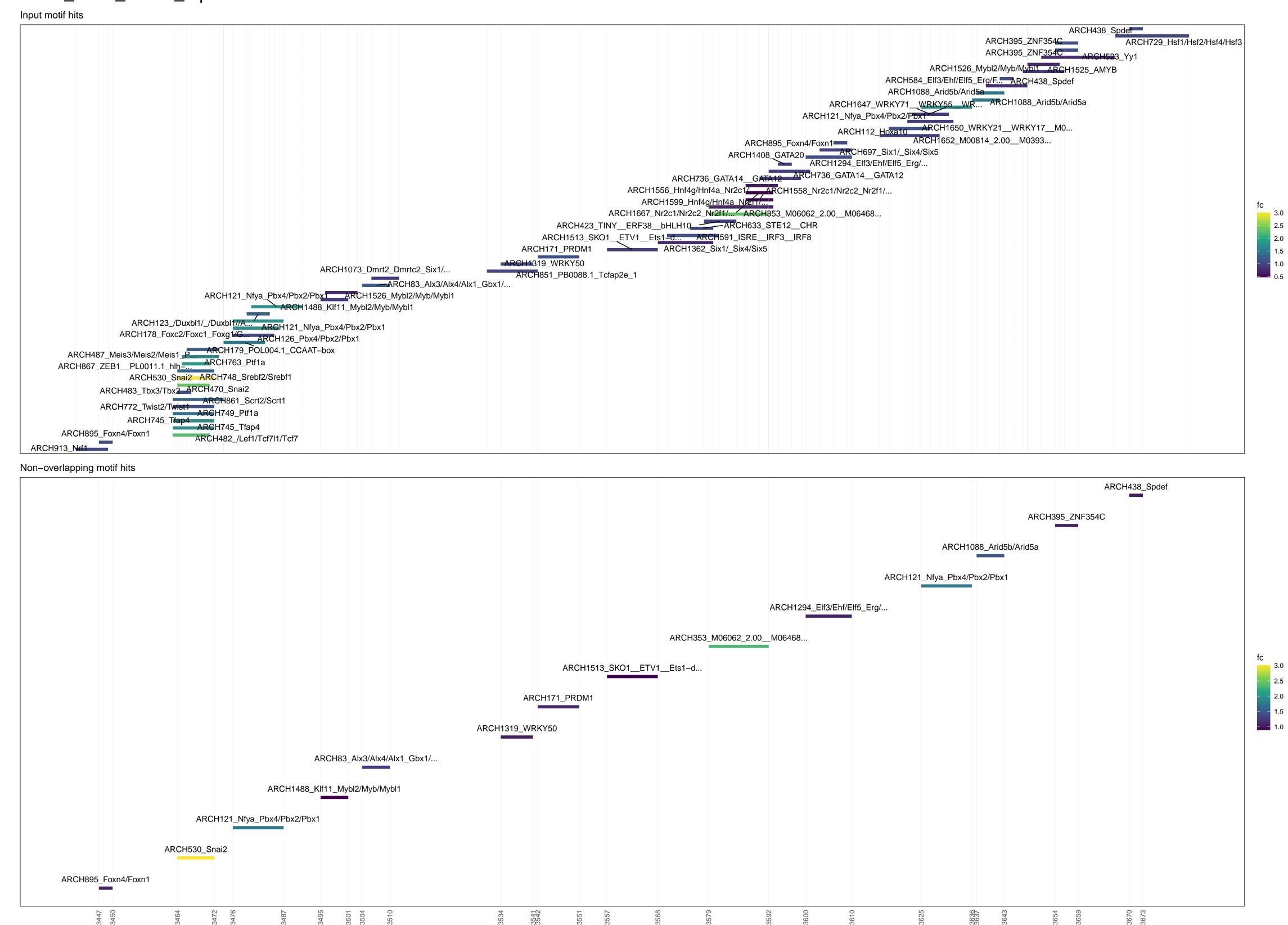


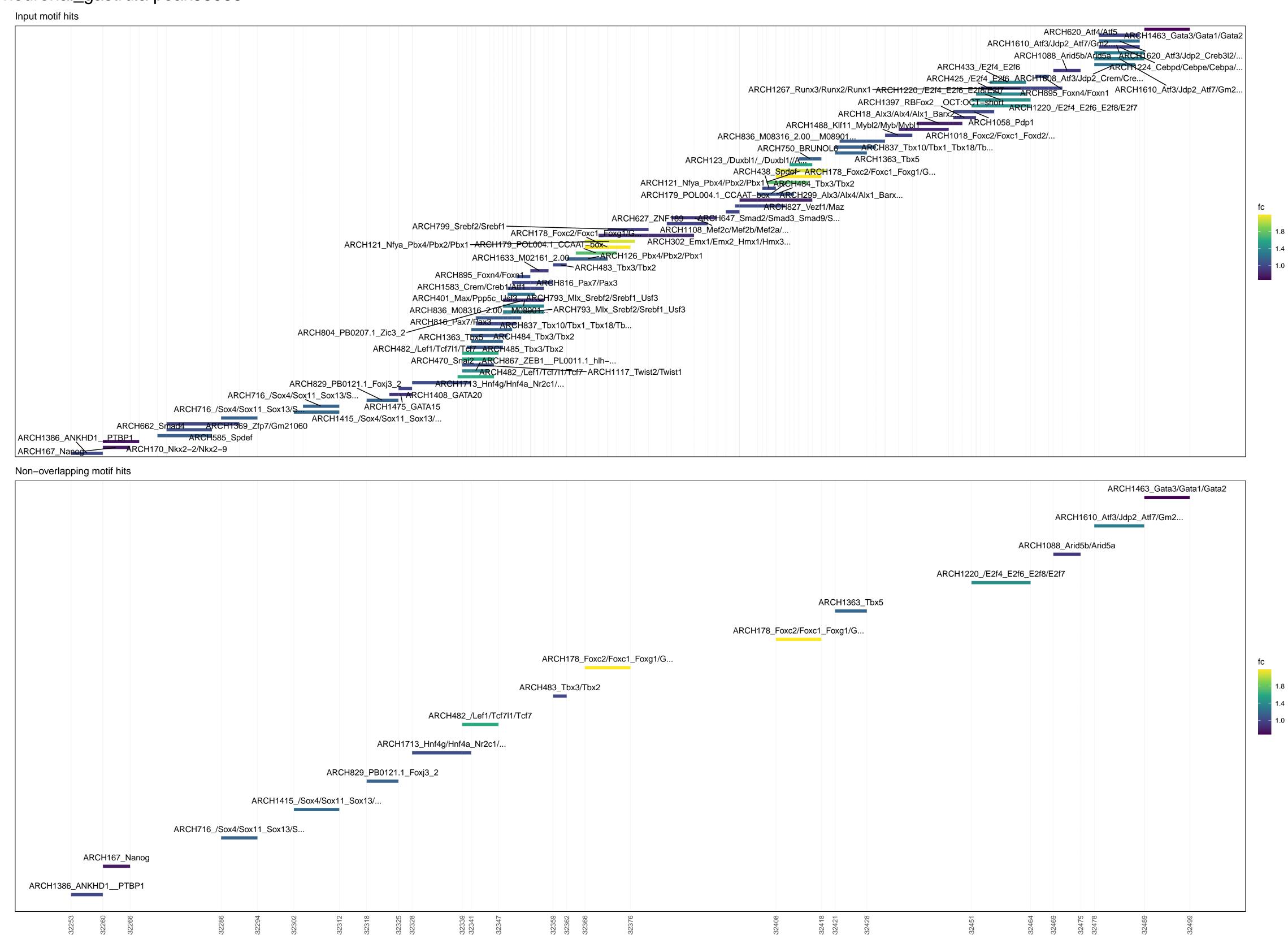


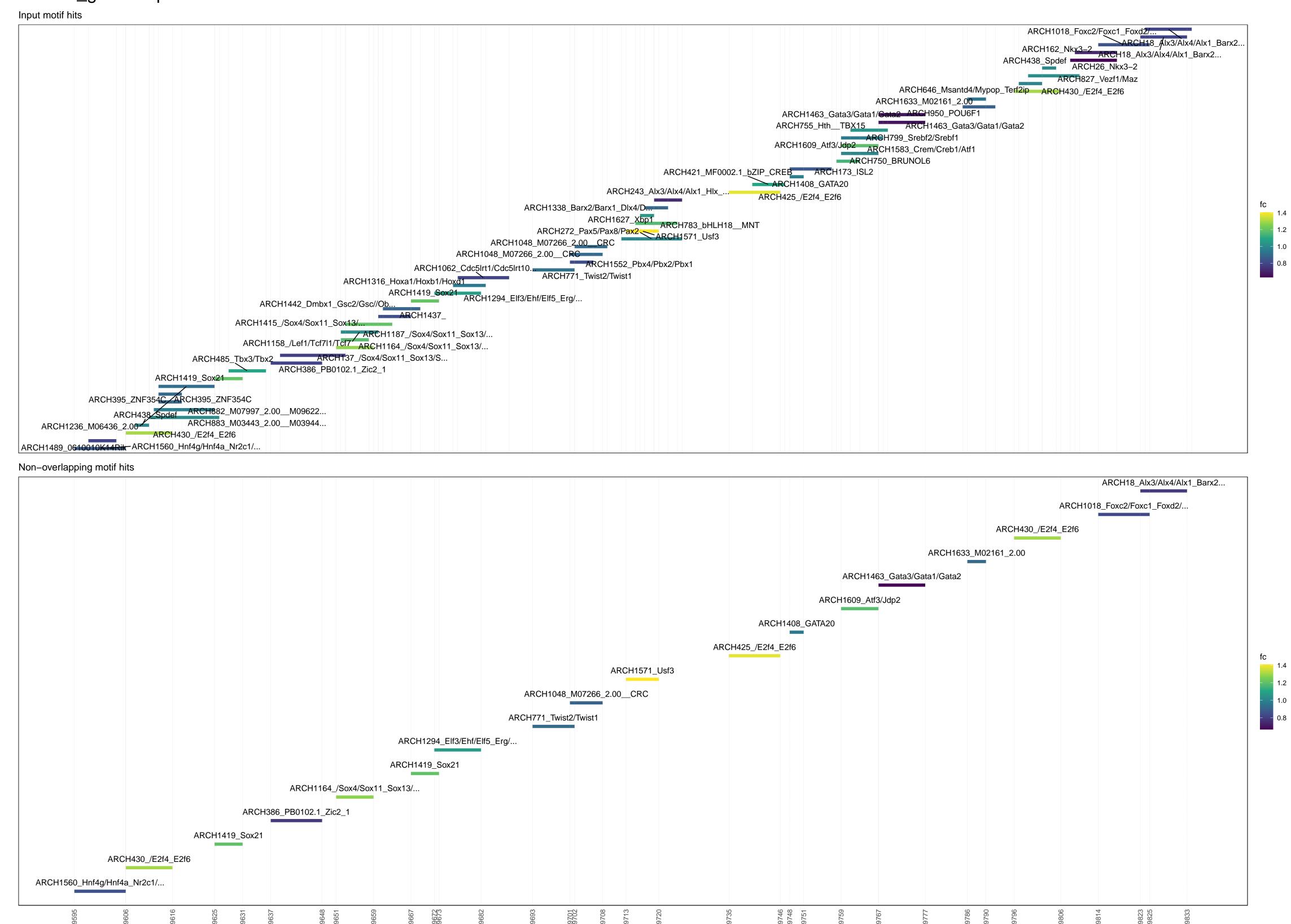


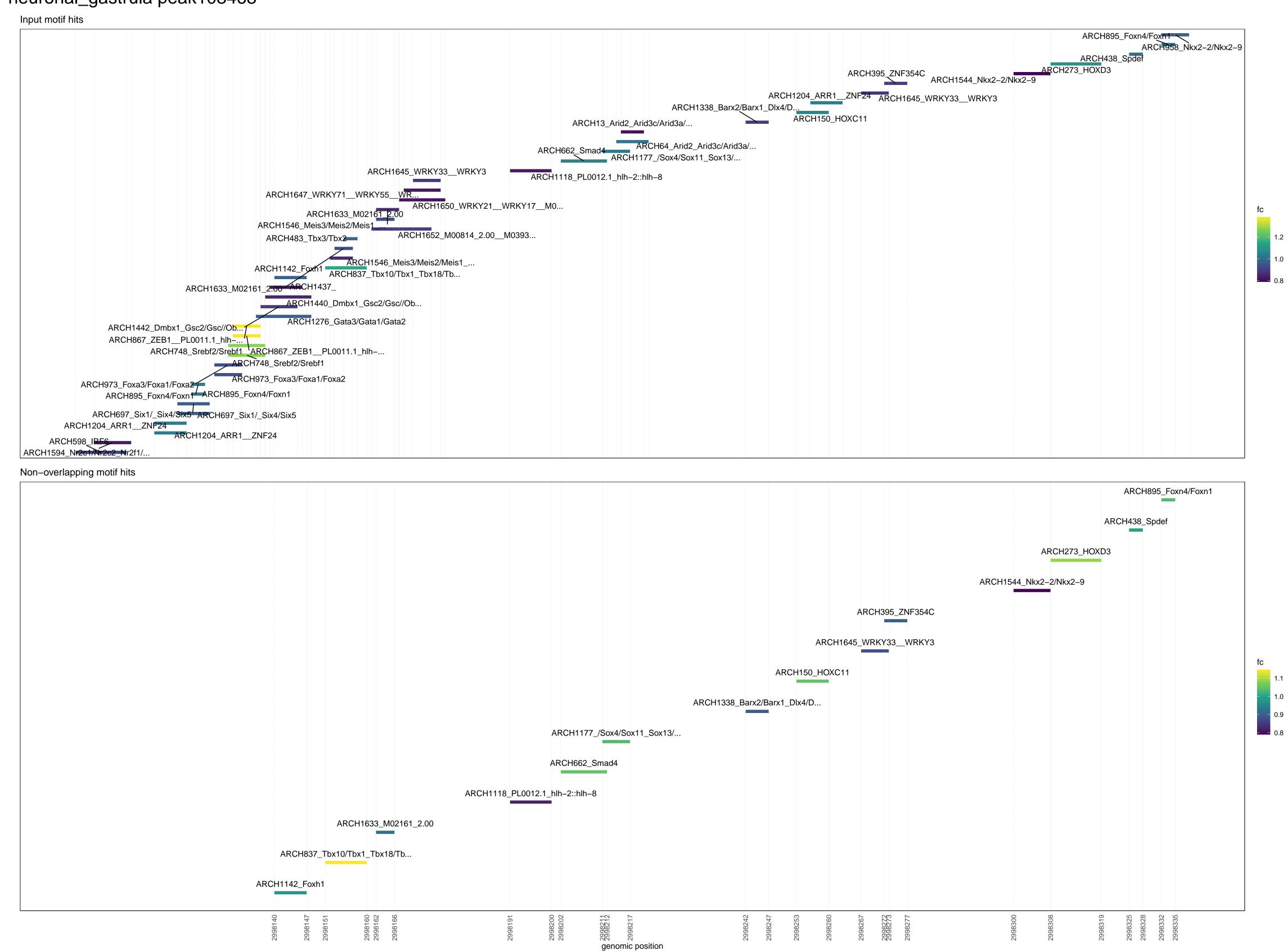


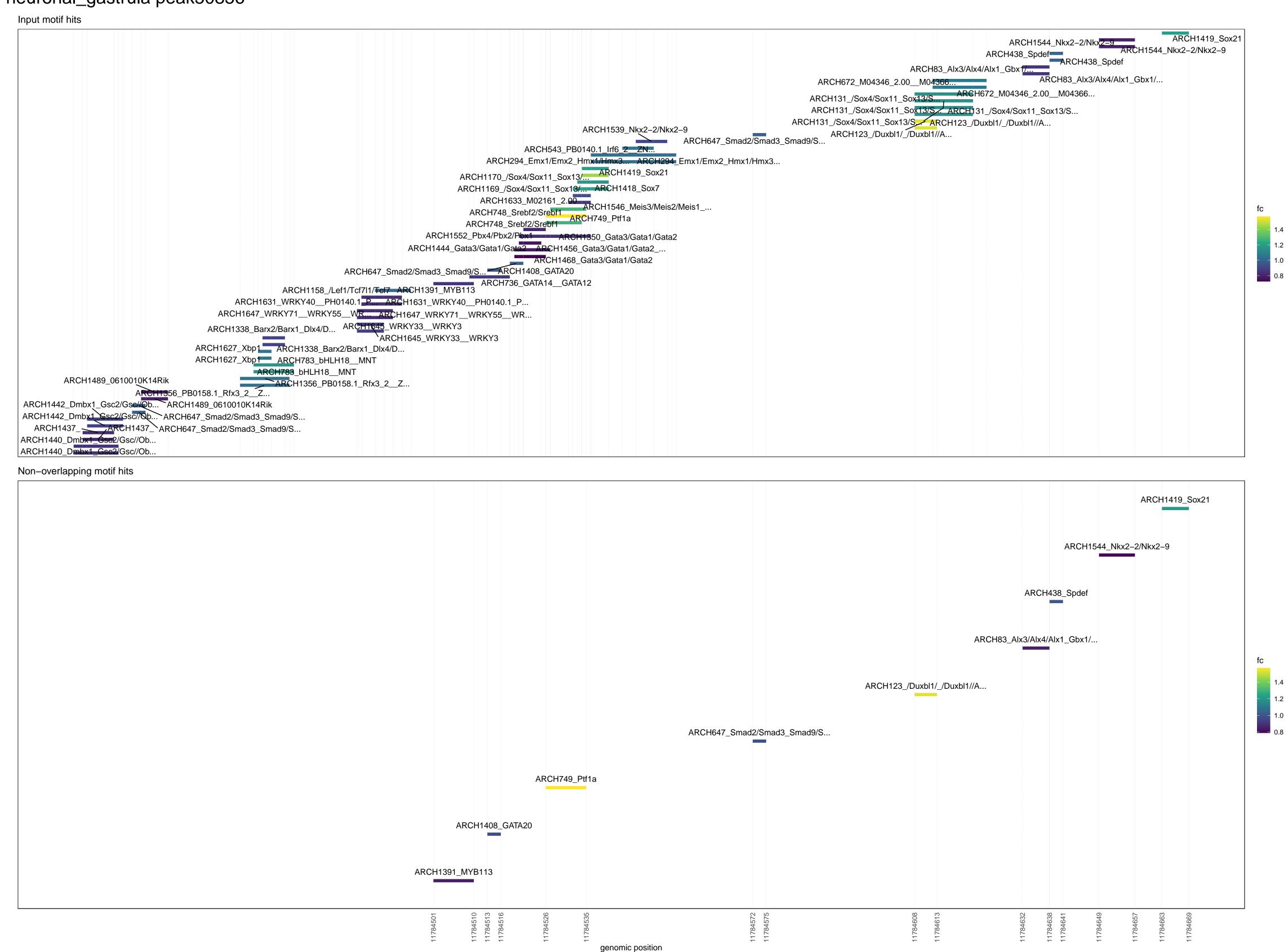
neuron_Pou4_FoxL2_3 peak104282

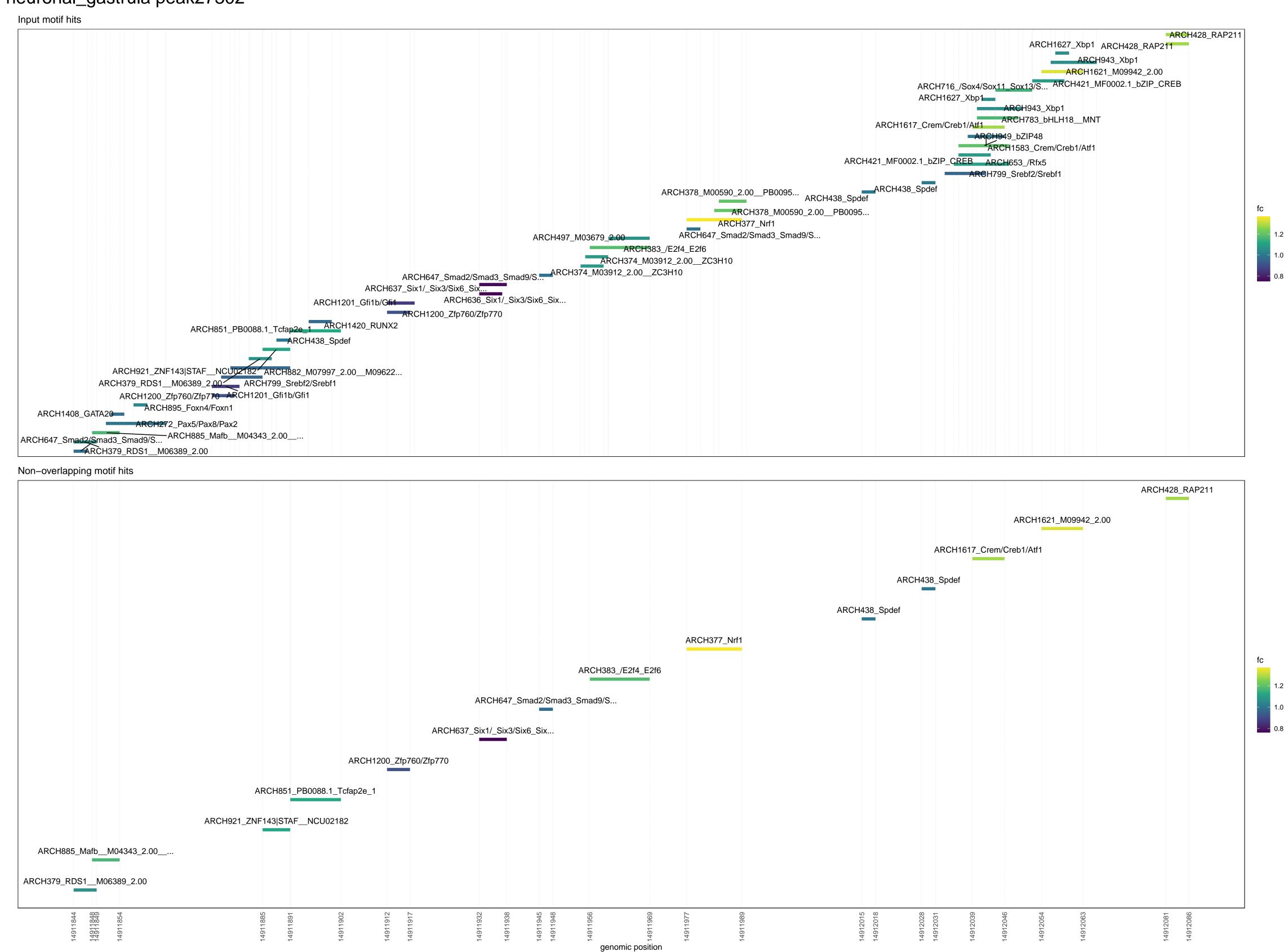


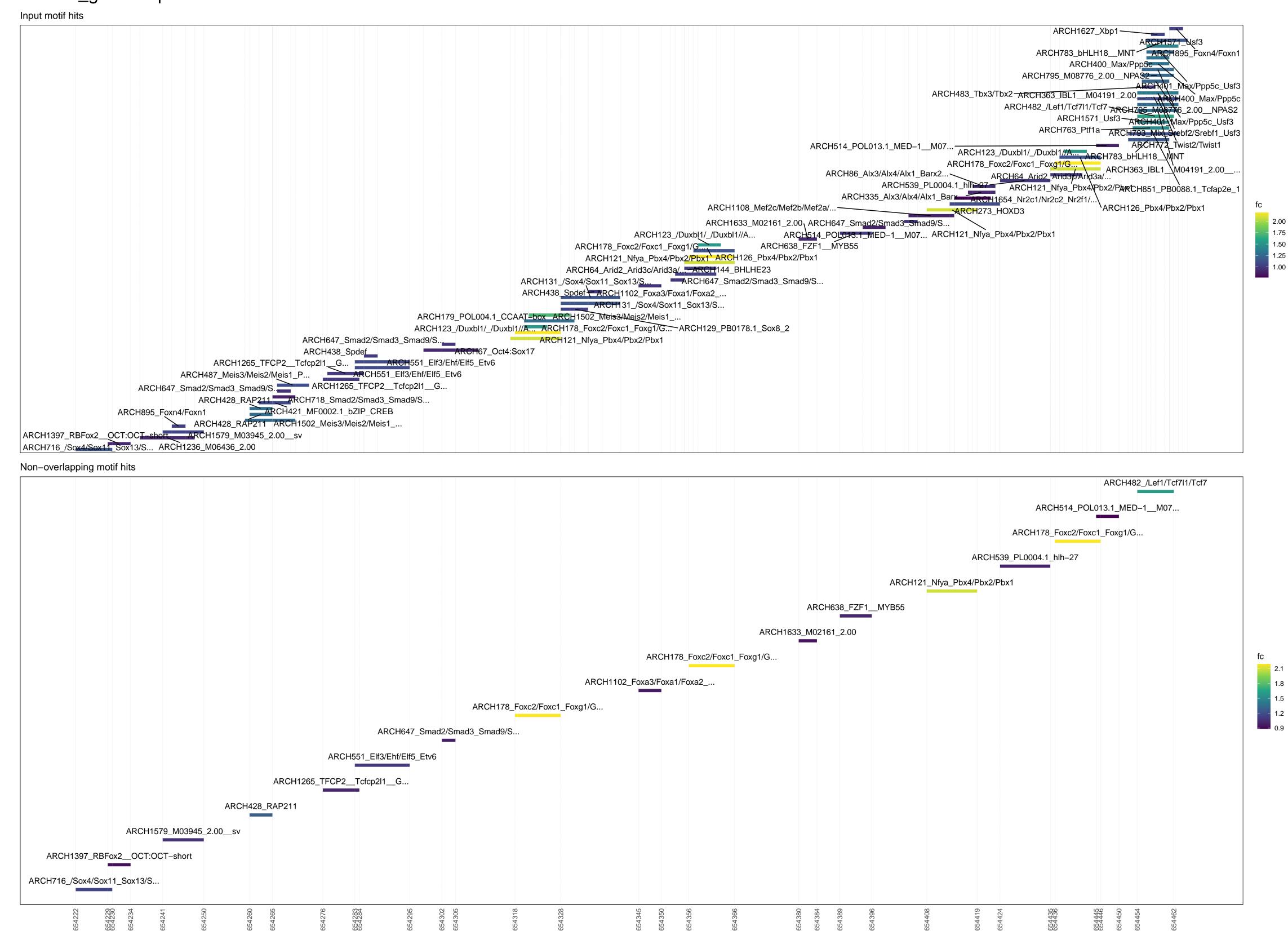


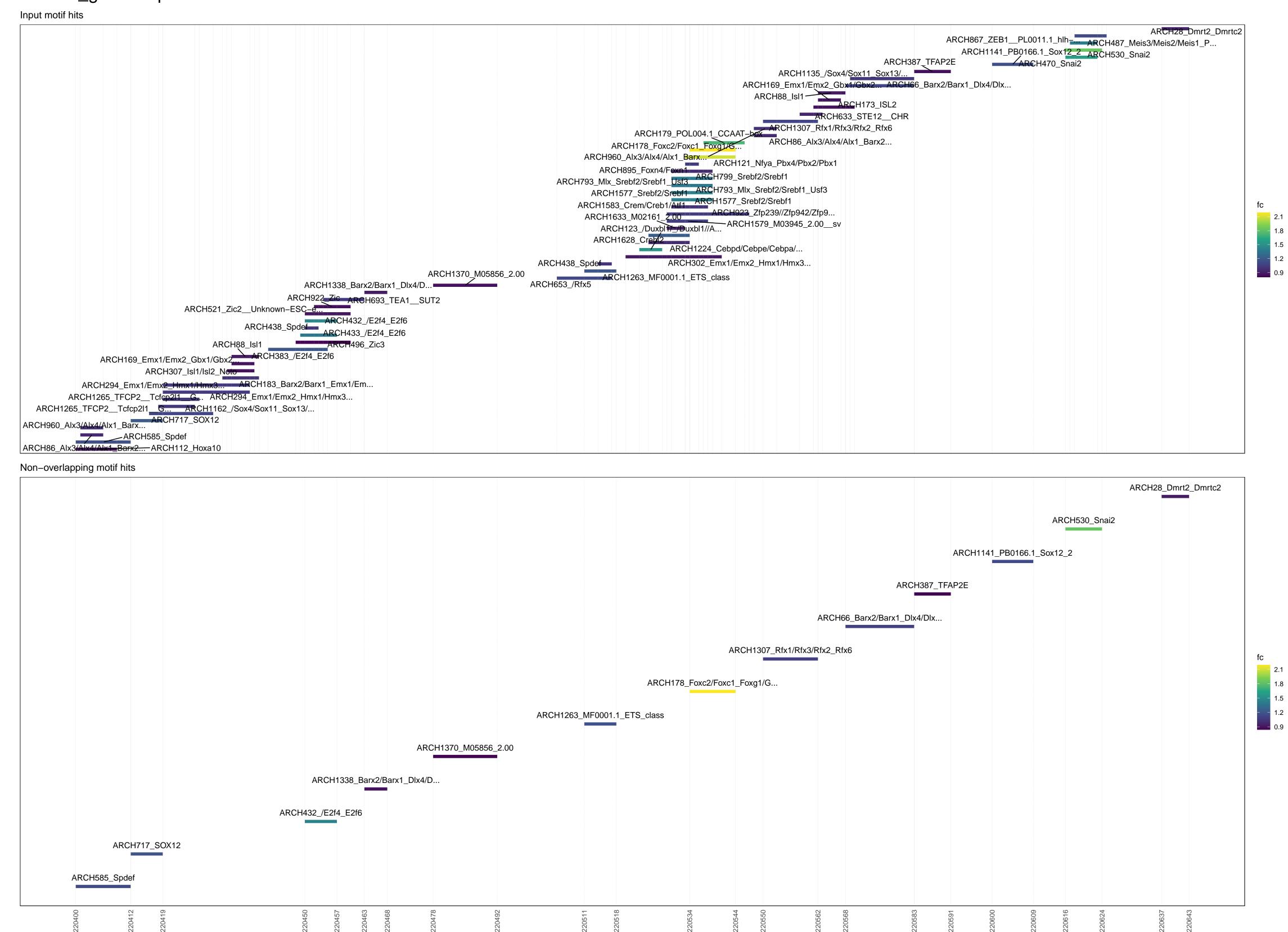




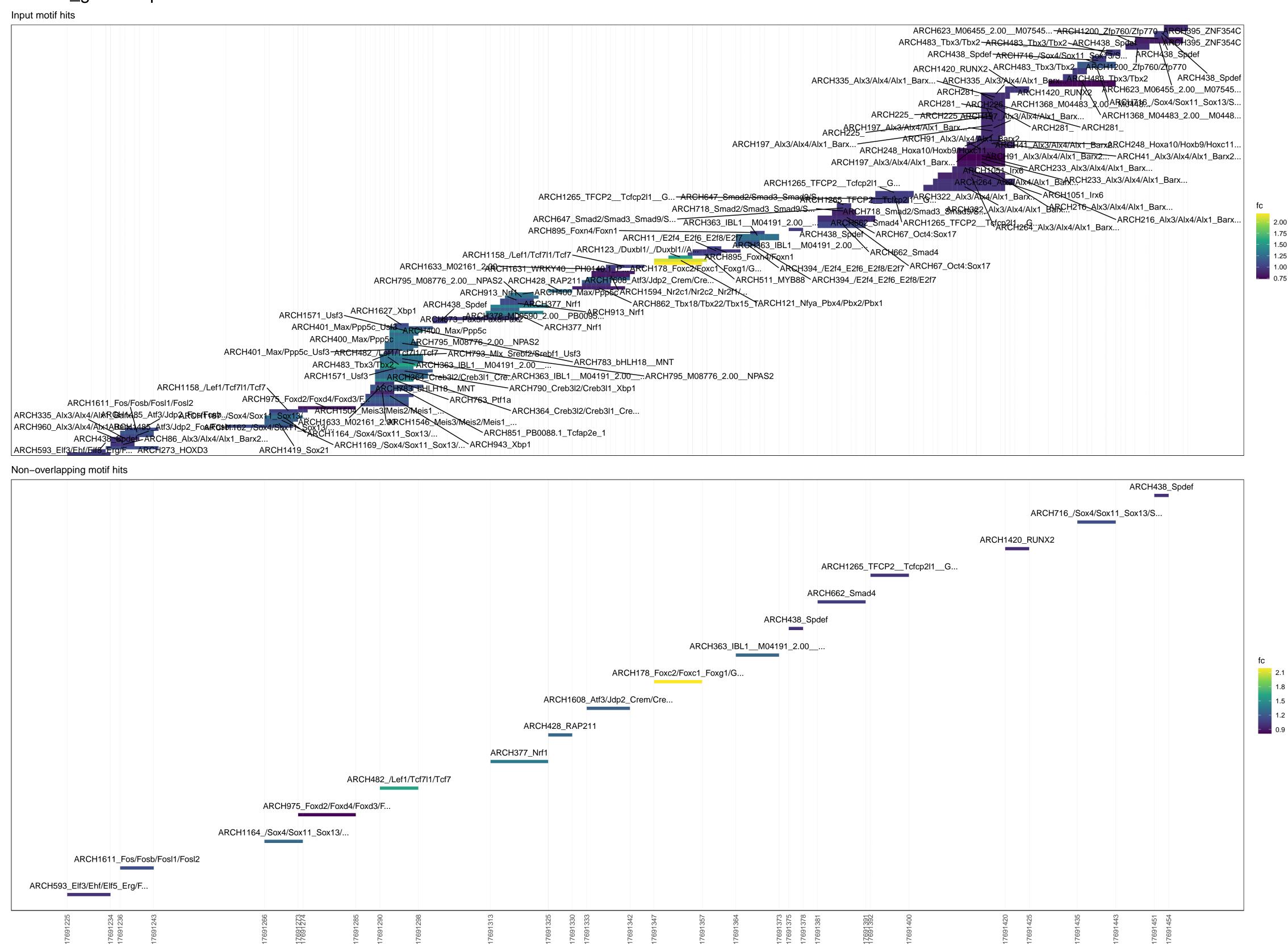








neuronal_gastrula peak32101 Input motif hits RCH1193_Foxp4/Foxp2/Foxp1 ARCH386_PB0102.1_Zic2_1 ARCH86_Alx3/Alx4/Alx1_Barx2... _ ARCH386_PB0102.1_Zic2_1 ARCH1020_Alx3/Alx4/Alx1_Bar... ARCH335_Alx3/Alx4/Alx1_Barx... ARCH304_Alx3/Alx4/Alx1_Barx... ARCH123_/Duxbl1/_/Duxbl1//A... ARCH103_Hnf1a/Hnf1b ARCH103_Hnf1a/Hnf1b ARCH1396_Fos/Fosb/Fosl1/Fosl2_ARCH1396_Fos/Fosb/Fosl1/Fosl2 ARCH1546_Meis3/Meis2/Meis1_..._ARCH126_Pbx4/Pbx2/Pbx1 ARCH1633_M02161_2.00 ARCH1502_Meis3/Meis2/Meis1_... ARCH698_TEAD2 ARCH895_Foxn4/Foxn1 ARCH636_Six1/_Six3/Six6_Six... ARCH950_POU6F1 ARCH772_Twist2/Twist1 ARCH1102_Foxa3/Foxa1/Foxa2_... ARCH1073_Dmrt2_Dmrtc2_Six1/... ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH378_M00590_2.00__PB0095... ARCH394_/E2f4_E2f6_E2f8/E2f7 ARCH378_M00590_2.00__PB0095... ARCH895_Foxn4/Foxn1 ARCH367_/E2f4_E2f6_E2f8/E2f... ARCH954_Foxn4/Foxn1 ARCH363_IBL1__M04191_2.00_... ARCH367_/E2f4_E2f6_E2f8/E2f.____ARCH363_IBL1__M04191_2.00__. ARCH19_Mef2c/Mef2b/Mef2a/Mef2d ARCH383_/E2f4_E2f6 ARCH11_/E2f4_E2f6_E2f8/E2f7 ARCH19_Mef2c/Mef2b/Mef2a/Mef2d ARCH1108_Mef2c/Mef2b/Mef2a/...= ARCH379_RDS1__M06389_2-00 ARCH1235_PB0106.1_Arid5a_2 ARCH640_Cebpd/Cebpe/Cebpa/C... ARCH790_Creb3l2/Creb3l1_Xbp1 ARCH1224_Cebpd/Cebpe/Cebpa/___ARCH1064_M06023_2.00__M0284... ARCH640_Cebpd/Cebpe/Cebpa/C... ARCH294_Emx1/Emx2_Hmx1/Hmx3...
ARCH1224_Cebpd/Cebpe/Cebpa/... ARCH1235_PB0106.1_Arid5a_2 ARCH1040_PB0066.1_Sox17_1 ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH1178_/Sox4/Sox11_Foxd2/... ARCH88_Isl1 ARCH183_Barx2/Barx1_Emx1/Em... ARCH171_PRDM1 ARCH1138_/Sox4/Sox11_Sox13/... ARCH378_M00590_2.00__PB0095... ARCH497_M03679_2.00 ARCH895_Foxn4/Foxn1 ARCH895_Foxn4/Foxn1 ARCH378_M00590_2.00__PB0095... ARCH954 Foxn4/Foxn1 ARCH895_Foxn4/Foxn1 ARCH647_Smad2/Smad3_Smad9/S...-ARCH954_Foxn4/Foxn1 ARCH1386 ANKHD1 PTBP1 ARCH647_Smad2/Smad3_Smad9/S... ARCH1158_/Lef1/Tcf7I1/Tcf7 ARCH1386_ANKHD1__PTBP1 Non-overlapping motif hits ARCH1193_Foxp4/Foxp2/Foxp1 ARCH386_PB0102.1_Zic2_1 ARCH1020 Alx3/Alx4/Alx1 Bar.. ARCH123_/Duxbl1/_/Duxbl1//A... ARCH950_POU6F1 1.4 1.2 ARCH1073_Dmrt2_Dmrtc2_Six1/... 1.0 ARCH363_IBL1__M04191_2.00__... ARCH1628_Crebl2 ARCH1138_/Sox4/Sox11_Sox13/... ARCH954_Foxn4/Foxn1 5912884 5912888



genomic position

1.75

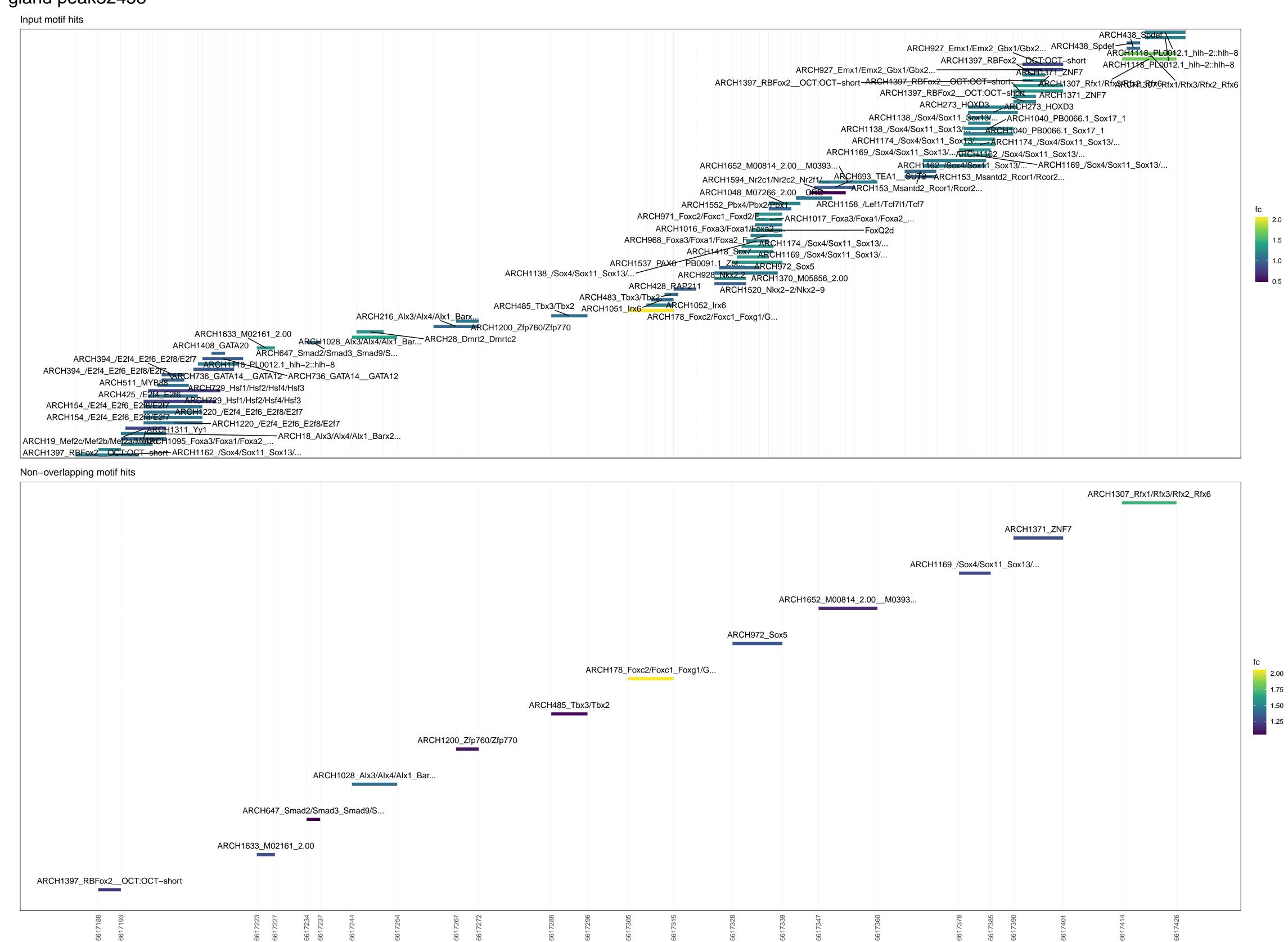
1.50

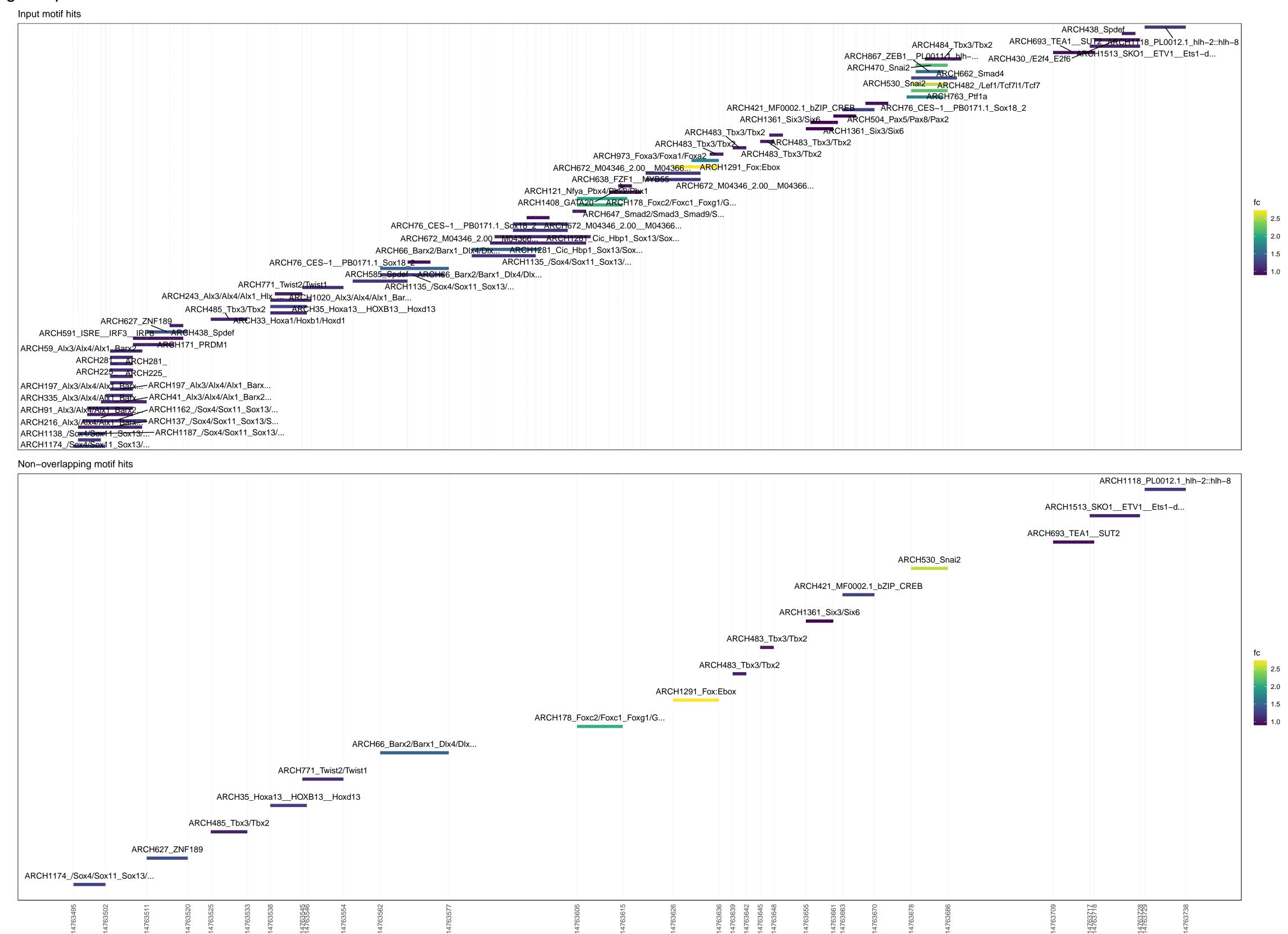
1.25

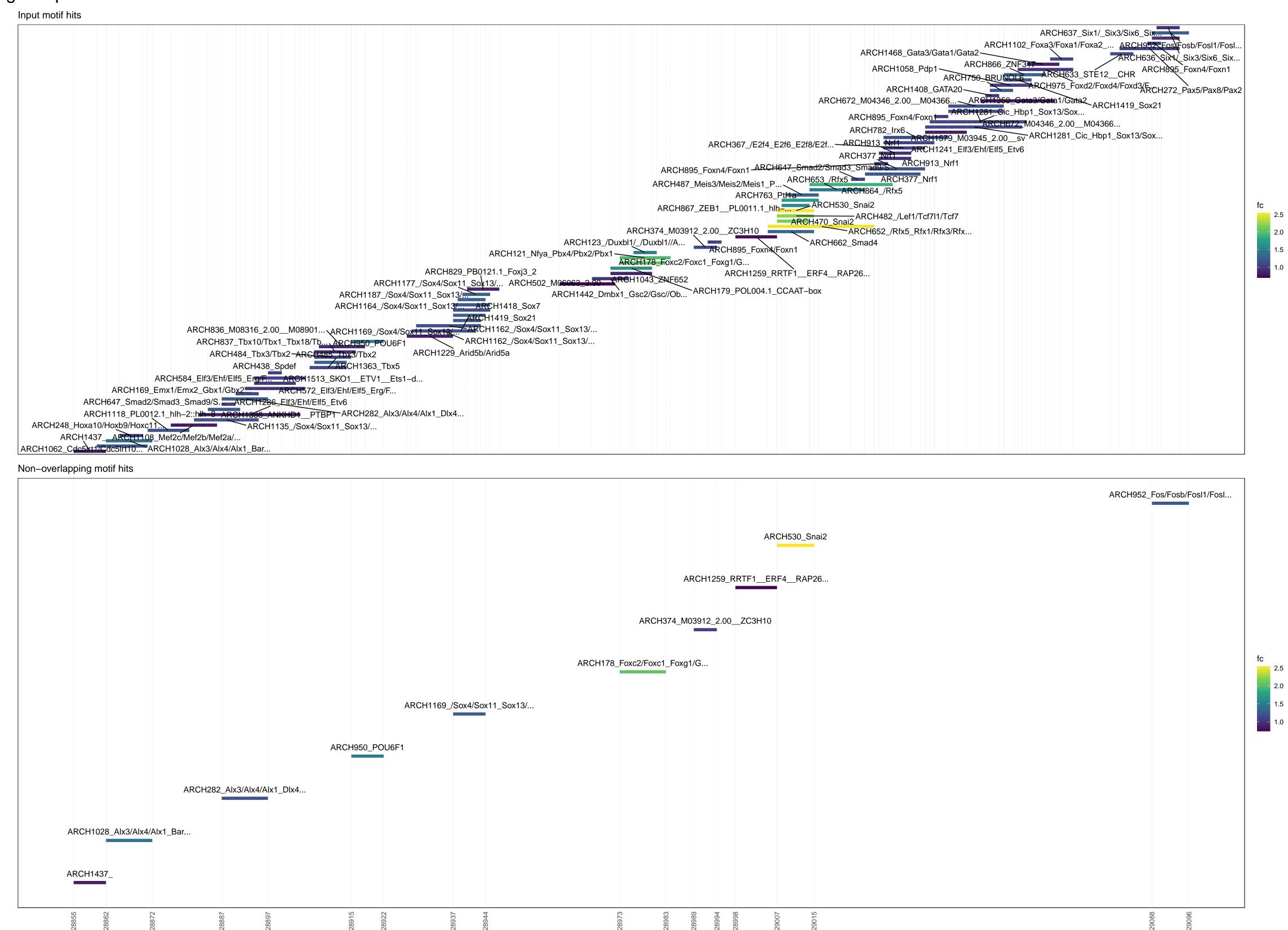
1.00

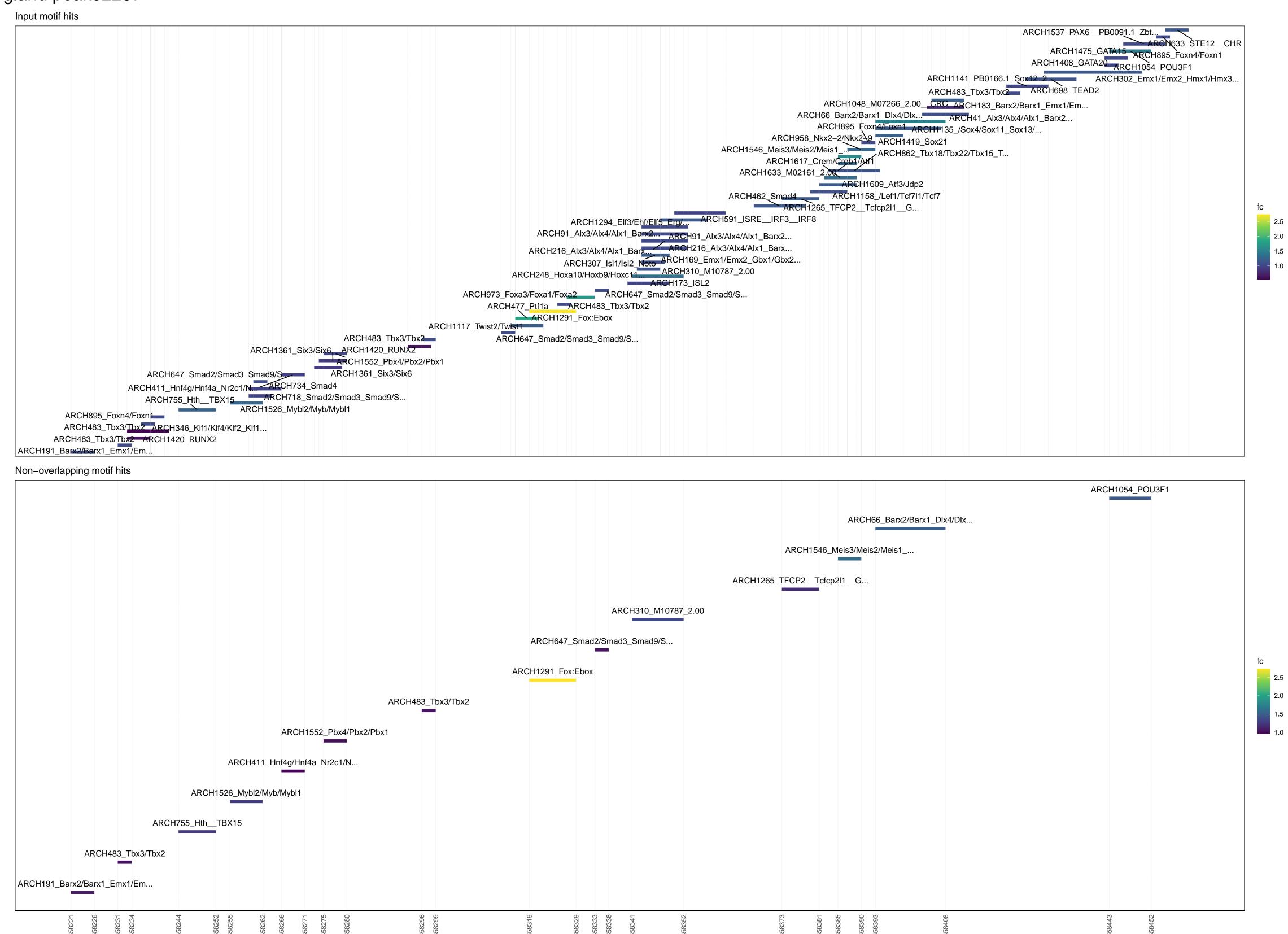
2.1 1.8 neuronal_gastrula peak96291 Input motif hits ARCH169_Emx1/Emx2_Gbx1/ ARCH1627_Xbp1 ARCH1628_Crebl2-ARCH1628_Crebl2ARCH152_Emx1/Emx2_Hmx1/Hmx3 ARCH1608_Art3XJdp2_Crem/Cre.. ARCH1620_Atf3/Jdp2_Creb3l2/...ARCH640_Cebpd/Cebpe/Cebpa/C. ARCH1612_Atf7/Gm28047/Creb5...-ARCH1224_Cebpd/Cebpe/Cebpa/... ARCH1600_Atf3/Jdp2 ARCH1064_M06023_2.00__M0284... - ARCH1620\A\f3/Jdp2_Creb3l2/.. ARCH640_Cebpd/Cebpe/Cebpa/C... ARCH1609_Atf3/Jdp2_ARCH1612_AttX/Gm28047/Creb5... ARCH445_M03750_2.00__M03751... ARCH1224_Cebpd/Cebpe/Cebpa/... ARCH636_Six1/_Six3/Six6_Six... ARCH1064_M06023_2.00__M0284... ARCH1073_Dmrt2_Dmrtc2_Six1/__ARCH1610_Atf3/Jdp2_Atf7/Gm2... ARCH407_Klf1/Klf4/Klf2_Klf5... ARCH647_Smad2/Smad3_Smad9/S...

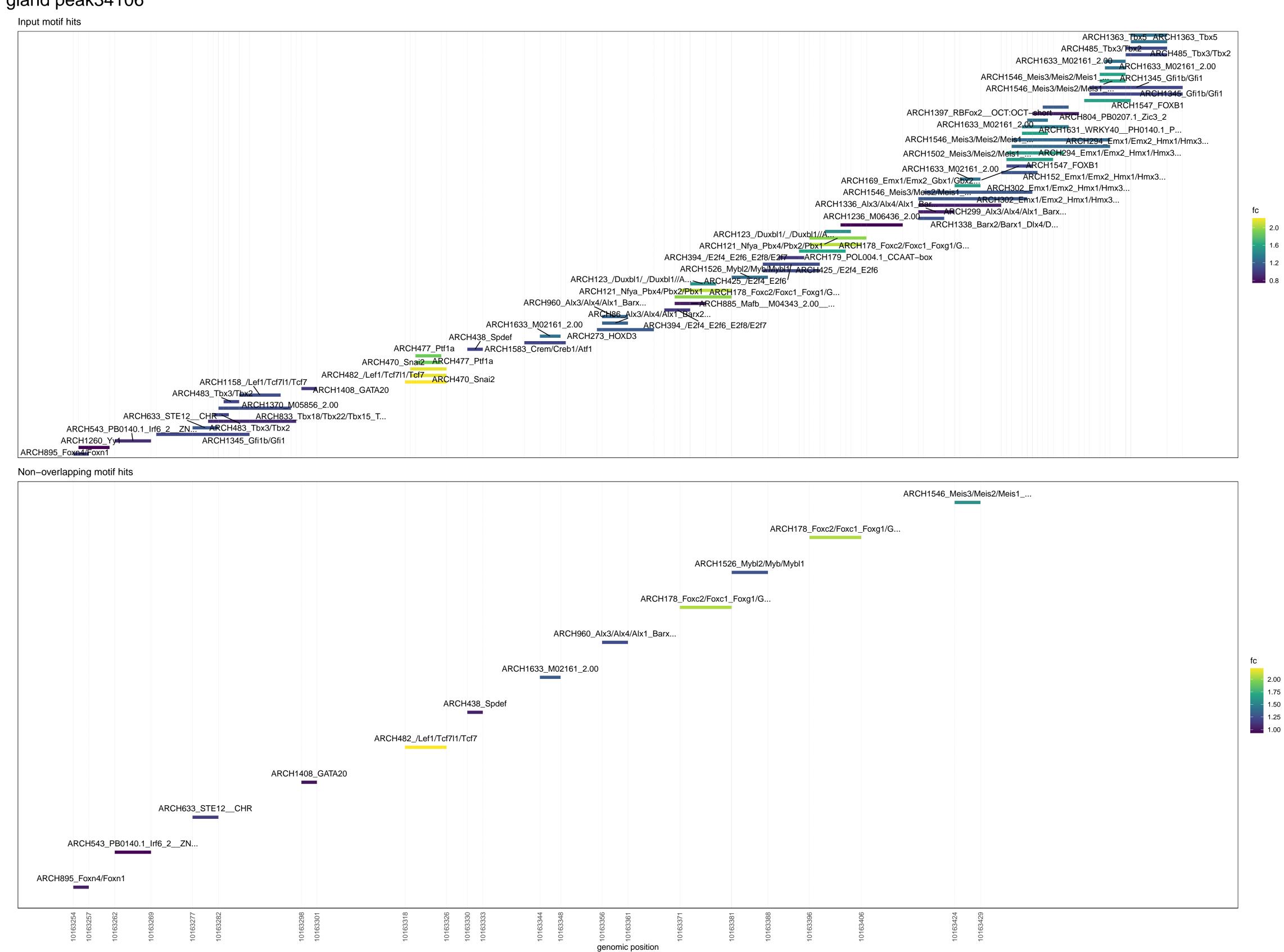
ARCH1408_GATA20 ARCH636_Six1/_Six3/Six6_Six... 2.0 CH1073_Dmrt2_Dmrtc2_Six1/.. ARCH504_Pax5/Pax8/Pax2 ARCH523_Yy1 ARCH438_Spdef ARCH1560_Hnf4g/Hnf4a_Nr2c1 ARCH971_Foxc2/Foxc1_Foxd2/F... ARCH882_M07997_2.00_ ARCH1444_Gata3/Gata1/Gata2 ARCH1017_Foxa3/Foxa1/Foxa2_... ARCH882_M07997_2.00__M09622... ARCH693_TEA1__SUT2_ARCH1016_Foxa3/Foxa1/Foxa2_... ARCH717_SOX12 ARCH1177_/Sox4/Sox11_Sox13/... ARCH438_Spder ARCH1475_GATA15
ARCH1408_GATA20 ARCH1475_GATA15 ARCH1158_/Lef1/Tcf7l1/Tcf7 ARCH647_Smad2/Smad3_Smad9/S. ARCH1235_PB0106.1_Arid5a_ ARCH862_Tbx18/Tbx22/Tbx15_T... ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH836_Tbx18/Tbx22/Tbx15_T... ARCH833_Tbx18/Tbx22/Tbx15_T... ARCH66_Barx2/Barx1_Dlx4/Dlx... ARCH543_PB0140.1_Irf6_2__ZN_ ARCH862_Tbx18/Tbx22/Tbx15_T... ARCH1408_GATA20_ ARCH543_PB0140.1_Irf6_2__ZN... ARCH956_Fos/Fosb/Fosl1/Fosl2-ARCH1408_GATA20 ARCH1560_Hnf4g/Hnf4a_Nr2c1/.. Non-overlapping motif hits ARCH1612_Atf7/Gm28047/Creb5... ARCH445_M03750_2.00__M03751... ARCH1073_Dmrt2_Dmrtc2_Six1/... ARCH647_Smad2/Smad3_Smad9/S... ARCH1408_GATA20 ARCH523_Yy1 ARCH438_Spdef ARCH1017_Foxa3/Foxa1/Foxa2_... 1.2 ARCH1444_Gata3/Gata1/Gata2 ARCH693_TEA1__SUT2 ARCH717_SOX12 ARCH1408_GATA20 ARCH438_Spdef ARCH1158_/Lef1/Tcf7l1/Tcf7 ARCH66_Barx2/Barx1_Dlx4/Dlx...

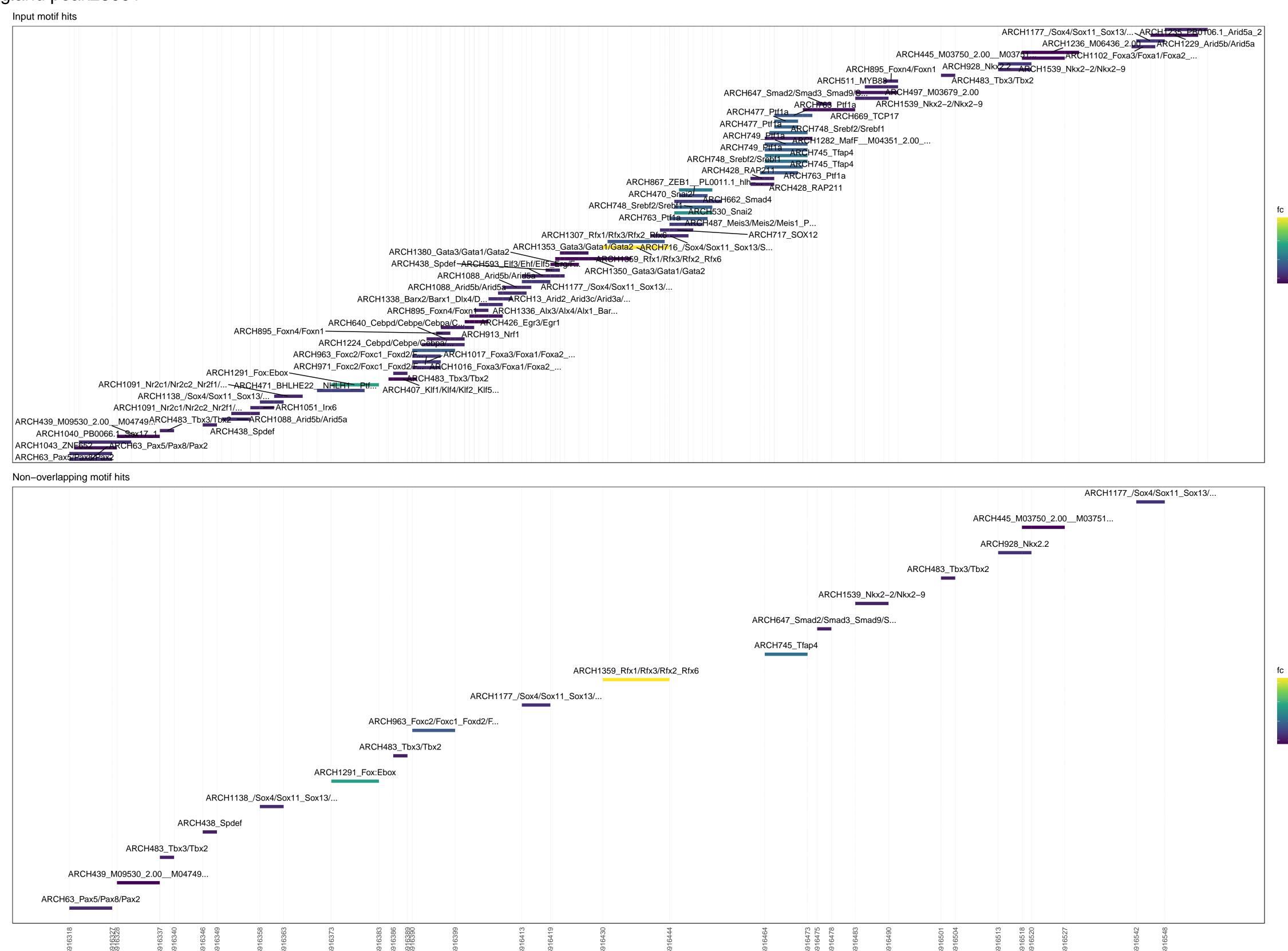


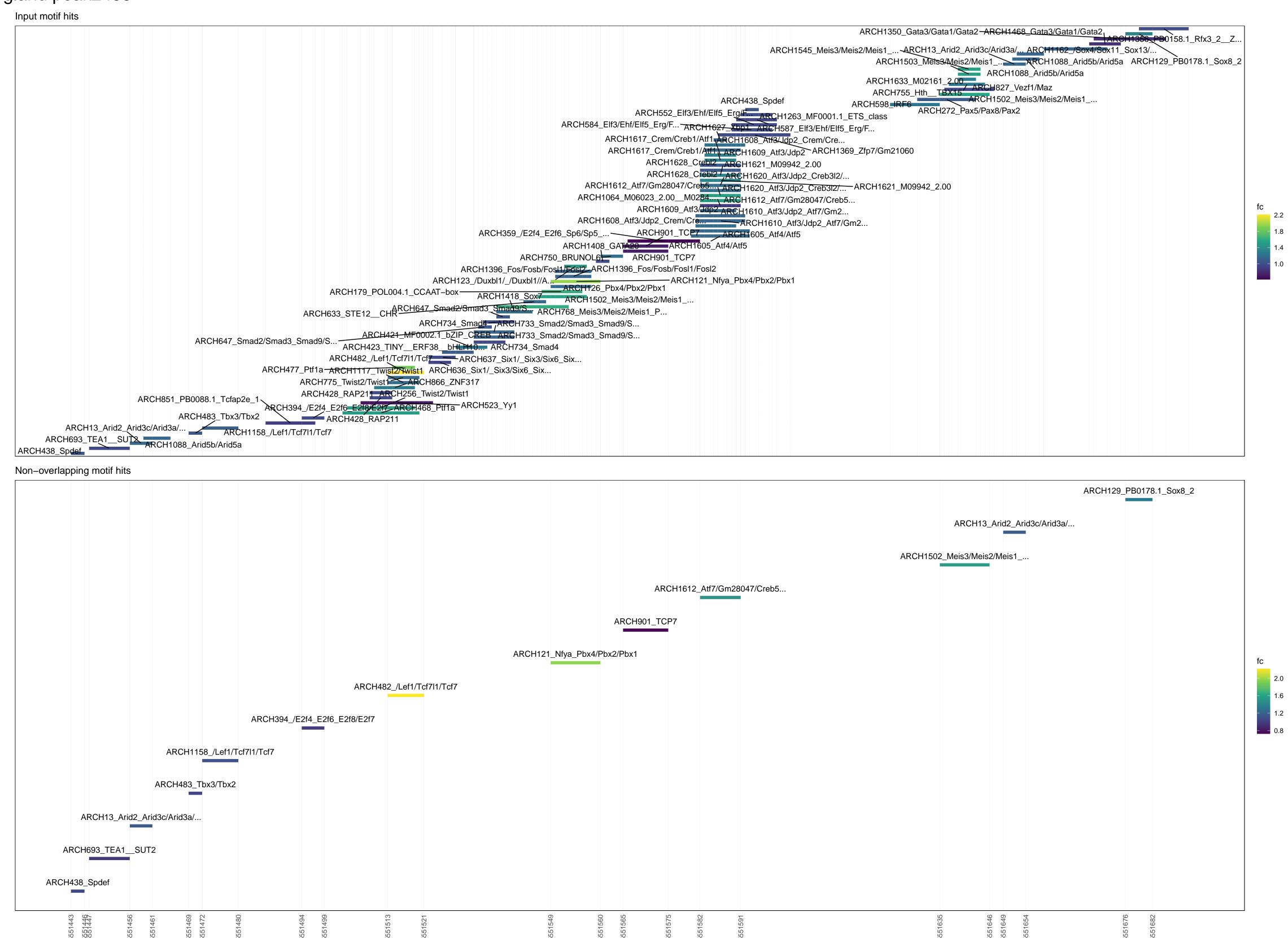


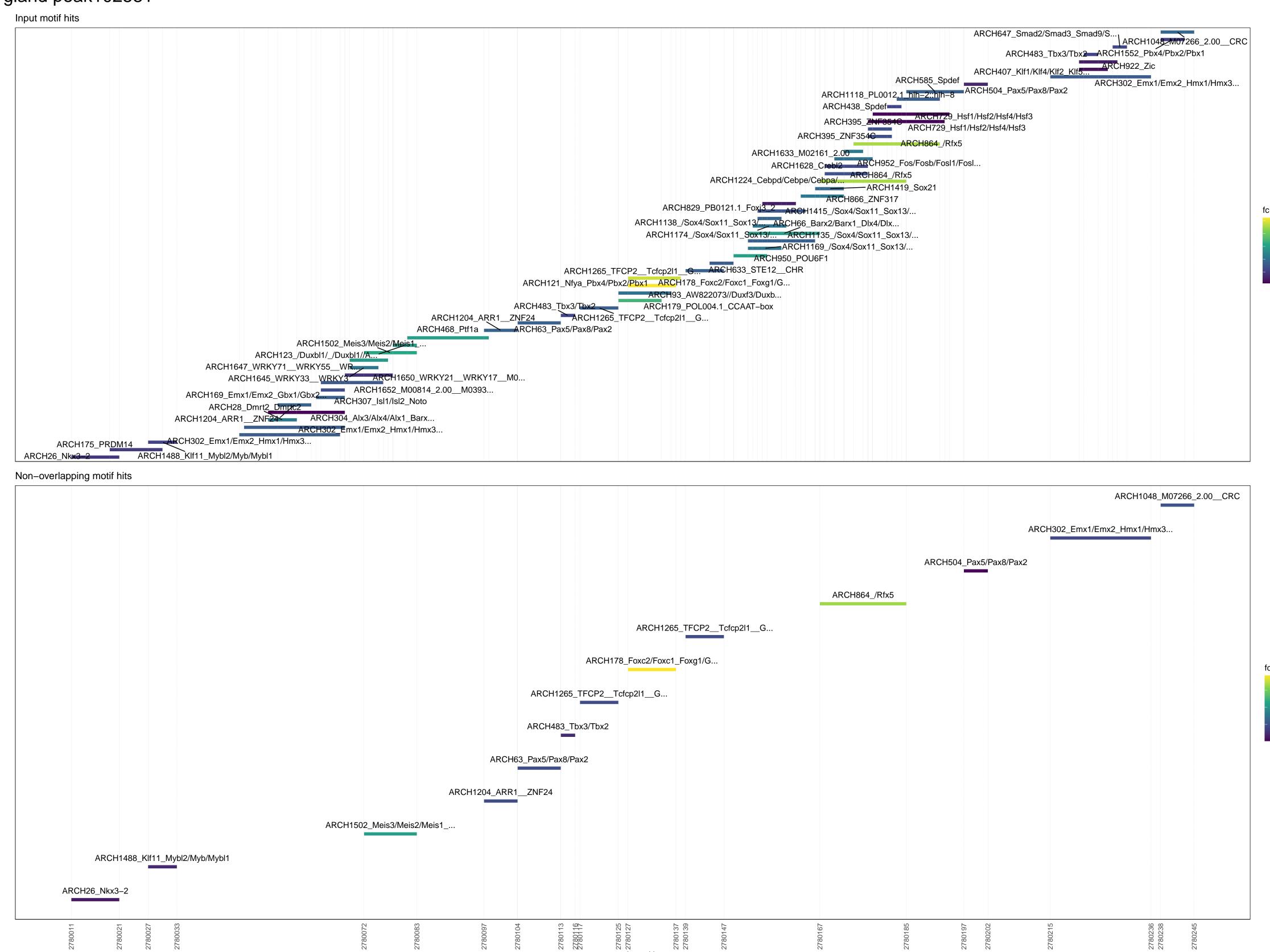












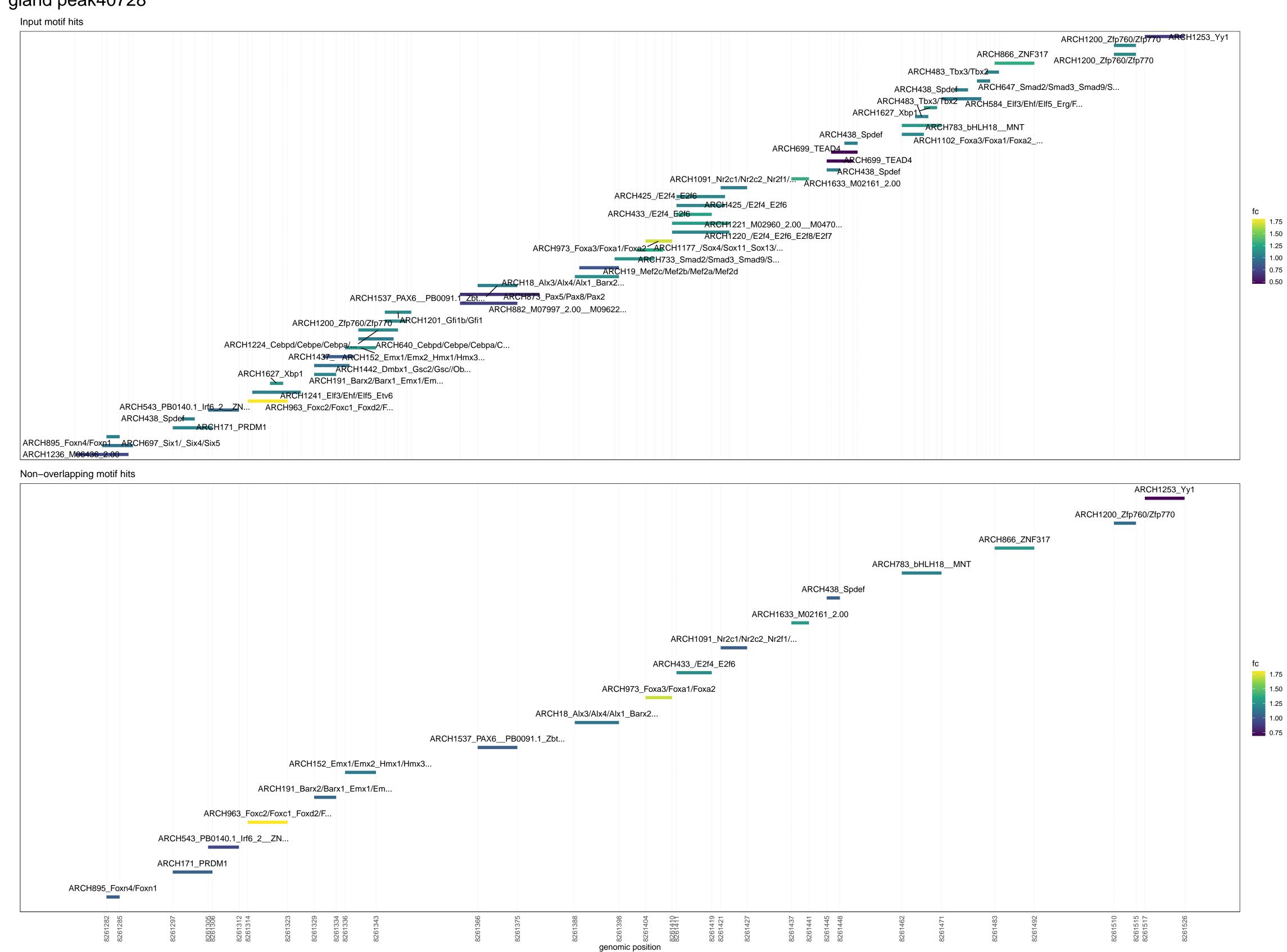
genomic position

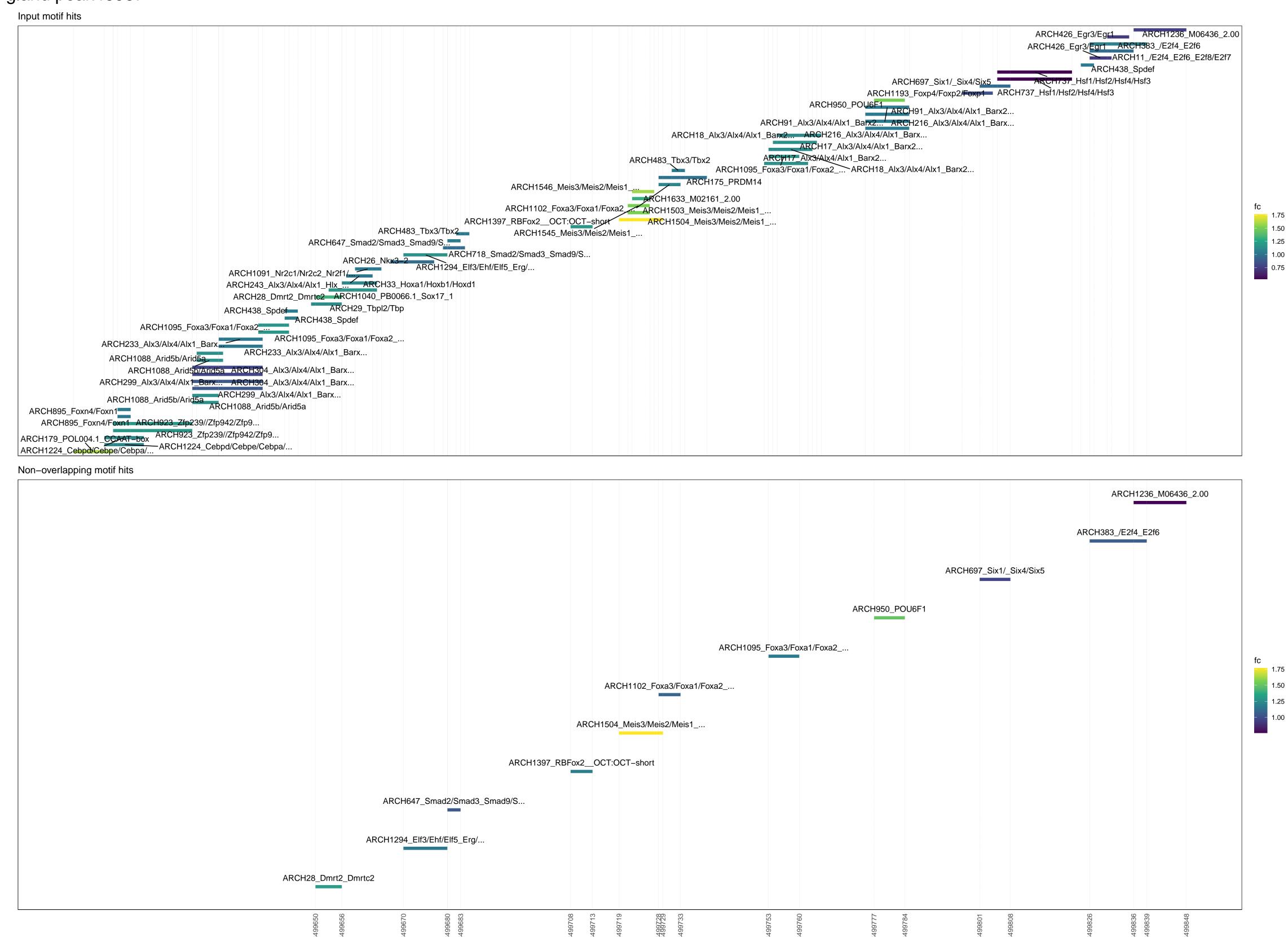
2.00

1.75 1.50

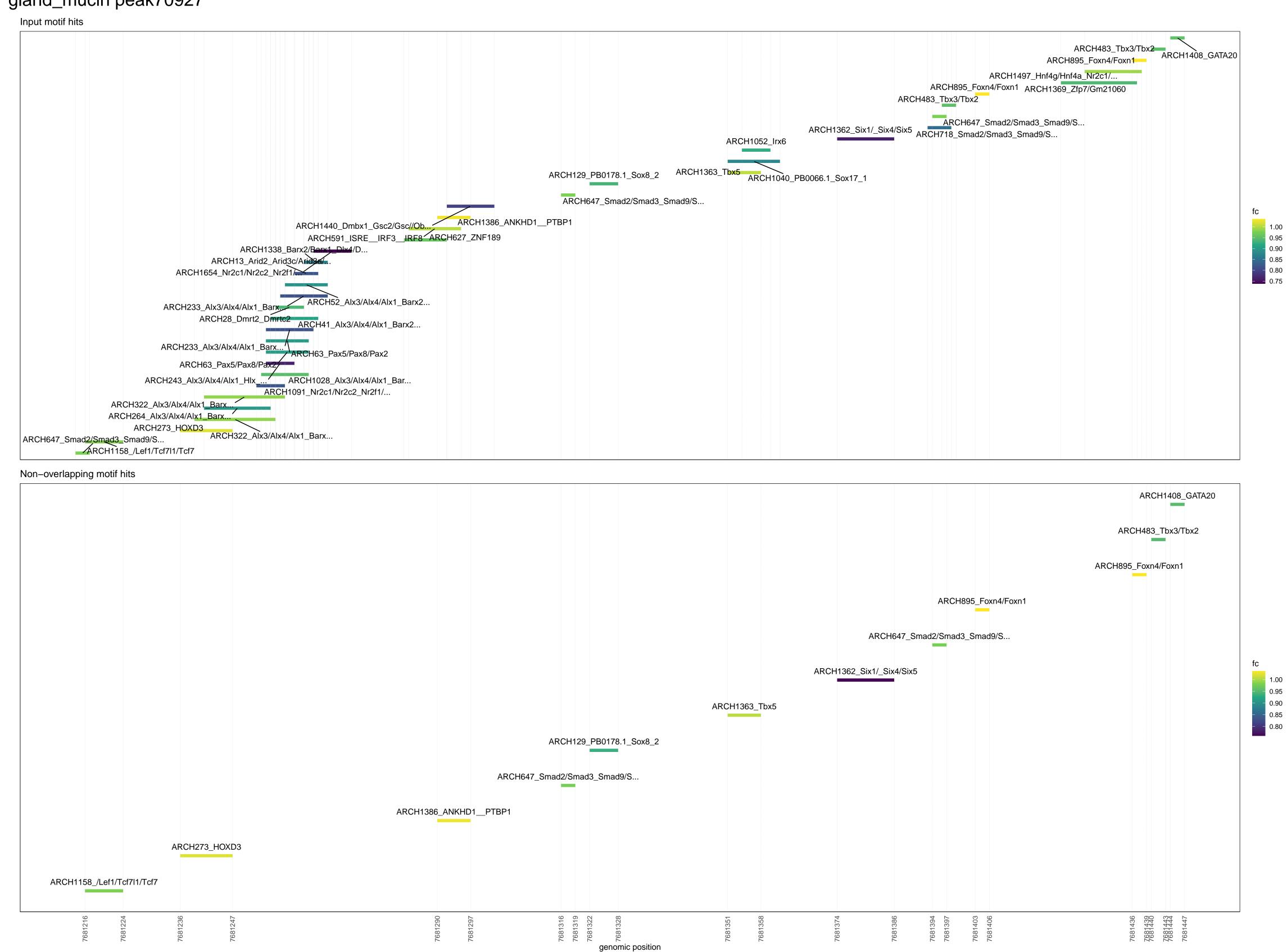
1.25

1.8





gland_mucin peak18071 Input motif hits ARCH281_~ ARCH335_Alx3/Alx4/Alx1_Barx.. ARCH281___ARCH225_ ARCH197_Alx3/Alx4/Alx1_Barx.. ARCH225__ ARCH287_Alx3/Alx4/Alx1_Barm ARCH698_TEAD2 ARCH1415_/Sox4/Sox11_Sox13/... ARCH1187_/Sox4/Sox11_Sox13/.. ARCH1164_/Sox4/Sox11_Sox13/... ARCH171_PRDM1_ ARCH1162_/Sox4/Sox11_Sox13/... ARCH647_Smad2/Smad3_Smad9/S... ARCH123_/Duxbl1/_/Duxbl1//A... ARCH438_Spdef ARCH1263_MF0001.1_ETS_class ARCH421_MF0002.1_bZIP_CREB ARCH121_Nfya_Pbx4/Pbx2/Pbx1 1.50 ARCH178_Foxc2/Foxc1_Foxg1/G... ARCH954_Foxn4/Foxn1 1.25 ARCH1611_Fos/Fosb/Fosl1/Fosl2 Em... ARCH895_Foxn4/Foxn1 ARCH191_Barx2/Barx1_Emx1/Em... ARCH109_PB0195.1_Zbtb3_2 ARCH321_Barx2/Barx1_Emx1/Em... ARCH1088_Arid5b/Arid5a ARCH1263_MF0001.1_ETS_class ARCH287_Alx3/Alx4/Alx1_Bar ARCH197_Alx3/Alx4/Alx1_Barx... ARCH197_Alx3/Alx4/Alx1_Barx.../ ARCH248_Hoxa10/Hoxb9/Hoxc11... ARCH483_Tbx3/Tbx2
ARCH282_Alx3/Alx4/Alx1_Dlx4... ARCH736_GATA14__GATA12 ARCH956_Fos/Fosb/Fosl1/Fosl2 ARCH423_TINY__ERF38__bHLH10... Non-overlapping motif hits ARCH1054_POU3F1 ARCH1164_/Sox4/Sox11_Sox13/... ARCH647_Smad2/Smad3_Smad9/S... ARCH178_Foxc2/Foxc1_Foxg1/G... ARCH1611_Fos/Fosb/Fosl1/Fosl2 ARCH321_Barx2/Barx1_Emx1/Em... 1.5 1.1 ARCH1088_Arid5b/Arid5a ARCH1263_MF0001.1_ETS_class ARCH483_Tbx3/Tbx2 ARCH736_GATA14__GATA12 ARCH423_TINY__ERF38__bHLH10...



gland_mucin peak46354 Input motif hits ARCH169_Emx1/Emx2_Gbx1/Gbx2... ARCH1396_Fos/Fosb/Fosl1/Fosl2 ARCH1468_Gata3/Gata1/Gata2

ARCH152_Emx1/Emx2_Hmx1/Hmx3... ARCH804_PB0207.1_Zic3_2 ARCH1350_Gata3/Gata1/Gata2 ARCH307_Isl1/Isl2_Noto ARCH956_Fos/Fosb/Fosl1/Fosl2_ARCH1282_MafF__M04351_2.00_... ARCH885_Mafb__M04343_2.00 ____ARCH1614_M04371_2.00__M0437... ARCH1631_WRKY40__PH0140.1_P... ARCH1281_Cic_Hbp1_Sox13/Sox... ARCH672_M04346_2.00__M04366..._ARCH294_Emx1/Emx2_Hmx1/Hmx3... ARCH294_Emx1/Emx2_Hmx1/Hmx3...ARCH693_TEA1__SUT2 ARCH1170_/Sox4/Sox11_Sox13X_ ARCH1281_Cic_Hbp1_Sox13/Sox... ARCH1338_Barx2/Barx1_Dlx4/D... ARCH1132_M06398_2.00 ARCH302_Emx1/Emx2_Hmx1/Hmx3... ARCH1073_Dmrt2_Dmrtc2_Six1/...ARCH1336_Alx3/Alx4/Alx1_Bar.. ARCH477_Ptf1a ARCH775_Twist2/Twist1 ARCH483_Tbx3/Tbx2 ARCH483_Tbx3/Tbx2 ARCH1117_Twist2/Twist1 ARCH646_Msantd4/Mypop_Terf2ip ARCH968_Foxa3/Foxa1/Foxa2_F... ARCH971_Foxc2/Foxc1_Foxd2/F.. ARCH1627_Xbp1 ARCH1017_Foxa3/Foxa1/Foxa2_... ARCH591_ISRE__IRF3__IRF8__ARCH963_Foxc2/Foxc1_Foxd2/F...

ARCH109_PB0195.1_Zbtb3_2 ARCH1018_Foxc2/Foxc1_Foxd2/...

ARCH109_PB0195.1_Zbtb3_2 ARCH171_PRDM1

ARCH928_Nkx2.2 ARCH1200_Zfp760/Zfp770

ARCH862_Tbx18/Tbx22/Tbx15_T....ARCH928_Nkx2.2 ARCH1200_Zfp760/Zfp770 ARCH862_Tbx18/Tbx22/Tbx15_T... Duxbl1//A... ARCH662_Smad4
ARCH438_Spdef ARCH123_/Duxbl1/_/Duxbl1//A... ARCH123_/Duxbl1/_/Duxbl1//A... ARCH895_Foxn4/Foxn1 ARCH93_AW822073//Duxf3/Duxb... ARCH895_Foxn4/Foxn1PCH302_Emx1/Emx2_Hmx1/Hmx3...-ARCH93_AW822073//Duxf3/Duxb... ARCH29_Tbpl2/Tbp ARCH438_Spdef ARCH29_Tbpl2/T ARCH438_Spdef ARCH302_Emx1/Emx2_Hmx1/Hmx3... Non-overlapping motif hits ARCH954_Foxn4/Foxn1 ARCH960_Alx3/Alx4/Alx1_Barx... ARCH804_PB0207.1_Zic3_2 ARCH1170_/Sox4/Sox11_Sox13/... ARCH1338_Barx2/Barx1_Dlx4/D... ARCH1073_Dmrt2_Dmrtc2_Six1/... ARCH477_Ptf1a ARCH646_Msantd4/Mypop_Terf2ip ARCH836_M08316_2.00__M08901... ARCH1068_bHLH122 ARCH1627_Xbp1 3465118 3465119 3465129 3465131 3465123 3465124

ARCH647_Smad2/Smad3_Smad9/S...ARCH895_Foxn4/Foxn1

1.2 1.1

- 1.0 0.9

1.2

1.1 1.0 0.9

ARCH1396_Fos/Fosb/Fosl1/Fosl2_ARCH924_/Lef1/Tcf7l1/Tcf7 ARCH960_Alx3/Alx4/Alx1_Barx.... ARCH86_Alx3/Alx4/Alx1_Barx2...

